

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005058.D
 Acq On : 25 Apr 2016 22:52
 Operator : UM/SJ
 Sample : H2584-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	444	449	457	rBB	62575	91010	1.12%	0.140%
2	5.457	466	471	482	rVB	50896	119482	1.47%	0.183%
3	5.822	528	533	537	rBV	61709	95883	1.18%	0.147%
4	6.881	694	713	720	rBV2	80228	276438	3.40%	0.424%
5	6.963	720	727	734	rVV2	136550	247743	3.05%	0.380%
6	7.134	750	756	763	rBV	232594	363036	4.46%	0.557%
7	7.334	784	790	801	rVB	294105	469795	5.78%	0.721%
8	7.445	803	809	816	rBV	164975	255934	3.15%	0.393%
9	7.522	816	822	830	rVB	211799	337684	4.15%	0.518%
10	7.798	864	869	877	rBV	97079	154758	1.90%	0.238%
11	8.175	925	933	943	rBB	1050605	1767791	21.74%	2.714%
12	8.334	955	960	965	rBV	80329	131247	1.61%	0.202%
13	8.504	983	989	999	rBV	308074	522045	6.42%	0.802%
14	8.639	1005	1012	1019	rVB	68093	112072	1.38%	0.172%
15	8.957	1060	1066	1075	rVV2	311506	568121	6.99%	0.872%
16	9.151	1094	1099	1107	rVB	142745	226222	2.78%	0.347%
17	9.275	1108	1120	1126	rBV	264738	555679	6.83%	0.853%
18	9.333	1126	1130	1136	rVB	59331	93962	1.16%	0.144%
19	9.675	1182	1188	1199	rBB	265915	446540	5.49%	0.686%
20	9.839	1210	1216	1220	rBV	81369	164015	2.02%	0.252%
21	9.922	1220	1230	1234	rVV2	99901	358268	4.41%	0.550%
22	9.992	1237	1242	1252	rVB2	182932	362631	4.46%	0.557%
23	10.216	1274	1280	1290	rVB	427233	757510	9.31%	1.163%
24	10.598	1336	1345	1347	rBV	151463	286330	3.52%	0.440%
25	10.663	1347	1356	1363	rVB	3530167	8132737	100.00%	12.487%
26	10.769	1365	1374	1382	rBV	1162677	2076901	25.54%	3.189%
27	11.122	1422	1434	1441	rBV2	45546	109050	1.34%	0.167%
28	11.410	1474	1483	1488	rBV2	75577	162237	1.99%	0.249%
29	11.716	1527	1535	1543	rBV	123634	232972	2.86%	0.358%
30	12.145	1604	1608	1617	rVB	62453	106778	1.31%	0.164%
31	12.257	1617	1627	1635	rVB	1307022	2224811	27.36%	3.416%
32	12.374	1641	1647	1655	rBV	54343	120302	1.48%	0.185%
33	12.474	1655	1664	1674	rVB	891506	1515660	18.64%	2.327%
34	12.839	1721	1726	1731	rBV	61907	105154	1.29%	0.161%

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35	12.892	1731	1735	1741	rVB2	71113	113791	1.40%	0.175%
36	12.963	1741	1747	1753	rBV2	75384	124257	1.53%	0.191%
37	13.198	1776	1787	1792	rBV2	62914	144100	1.77%	0.221%
38	13.269	1792	1799	1808	rVB	279612	416584	5.12%	0.640%
39	13.445	1824	1829	1841	rVB4	61647	166861	2.05%	0.256%
40	13.568	1843	1850	1852	rBV	56579	88643	1.09%	0.136%
41	13.616	1852	1858	1872	rVV3	86044	251544	3.09%	0.386%
42	13.757	1872	1882	1887	rVV	105851	204499	2.51%	0.314%
43	13.810	1887	1891	1893	rVV	67615	99284	1.22%	0.152%
44	13.851	1893	1898	1904	rVB	760756	1094932	13.46%	1.681%
45	14.133	1940	1946	1956	rVB	849697	1382759	17.00%	2.123%
46	14.233	1956	1963	1971	rBV	173797	323565	3.98%	0.497%
47	14.339	1975	1981	1989	rVV2	118703	265854	3.27%	0.408%
48	14.439	1989	1998	2004	rVV2	360744	641978	7.89%	0.986%
49	14.504	2004	2009	2015	rVV2	116192	212629	2.61%	0.326%
50	14.574	2015	2021	2026	rVV	545679	826410	10.16%	1.269%
51	14.645	2026	2033	2041	rVV2	149856	330501	4.06%	0.507%
52	14.839	2060	2066	2073	rBV2	863130	1497696	18.42%	2.299%
53	15.021	2080	2097	2102	rVB	659590	2260095	27.79%	3.470%
54	15.386	2152	2159	2162	rBV4	102838	184854	2.27%	0.284%
55	15.433	2162	2167	2173	rVV	1110015	1693459	20.82%	2.600%
56	15.486	2173	2176	2182	rVB2	68453	88326	1.09%	0.136%
57	15.557	2182	2188	2192	rBV	415806	582491	7.16%	0.894%
58	15.827	2229	2234	2239	rVB	192570	281915	3.47%	0.433%
59	15.927	2248	2251	2263	rVB3	49032	110574	1.36%	0.170%
60	16.045	2264	2271	2276	rBV3	52315	110751	1.36%	0.170%
61	16.215	2286	2300	2311	rBV4	1031170	3106709	38.20%	4.770%
62	16.321	2312	2318	2323	rBV	257102	422950	5.20%	0.649%
63	16.392	2324	2330	2335	rVB4	256604	449881	5.53%	0.691%
64	16.545	2335	2356	2358	rBV3	858659	3795146	46.67%	5.827%
65	16.733	2384	2388	2391	rBV	91982	141325	1.74%	0.217%
66	16.821	2391	2403	2405	rBV	436890	1156709	14.22%	1.776%
67	16.933	2414	2422	2433	rBV2	248681	1032827	12.70%	1.586%
68	17.086	2442	2448	2449	rBV3	60764	95299	1.17%	0.146%
69	17.180	2450	2464	2470	rVV4	1147927	3537229	43.49%	5.431%
70	17.227	2470	2472	2476	rVB	112681	134977	1.66%	0.207%
71	17.286	2476	2482	2487	rBV2	1118775	1808874	22.24%	2.777%

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72	17.386	2493	2499	2502	rBV	387561	762625	9.38%	1.171%
73	17.439	2503	2508	2511	rVV	254435	485488	5.97%	0.745%
74	17.562	2523	2529	2533	rBV	176664	256176	3.15%	0.393%
75	17.645	2533	2543	2544	rVV6	192521	427033	5.25%	0.656%
76	17.715	2546	2555	2564	rVV2	708487	2122650	26.10%	3.259%
77	17.809	2566	2571	2577	rVB	175864	313526	3.86%	0.481%
78	17.968	2593	2598	2605	rVB2	88125	153692	1.89%	0.236%
79	18.080	2607	2617	2619	rVV2	206550	393934	4.84%	0.605%
80	18.109	2619	2622	2633	rVV2	196829	408420	5.02%	0.627%
81	18.409	2658	2673	2679	rBV	154968	462423	5.69%	0.710%
82	18.492	2679	2687	2697	rVB2	198302	431263	5.30%	0.662%
83	18.603	2702	2706	2710	rVB	76120	101549	1.25%	0.156%
84	19.021	2769	2777	2783	rBV2	145045	288812	3.55%	0.443%
85	19.209	2804	2809	2813	rBV2	59975	90543	1.11%	0.139%
86	19.492	2850	2857	2865	rVB2	142953	196936	2.42%	0.302%
87	19.586	2866	2873	2880	rVB	1367426	1995894	24.54%	3.064%
88	20.744	3065	3070	3077	rBV	226554	340547	4.19%	0.523%
89	21.374	3172	3177	3186	rVB	667052	855530	10.52%	1.314%
90	23.515	3533	3541	3551	rBV2	841412	1657398	20.38%	2.545%
91	23.662	3559	3566	3578	rVB2	330615	655997	8.07%	1.007%

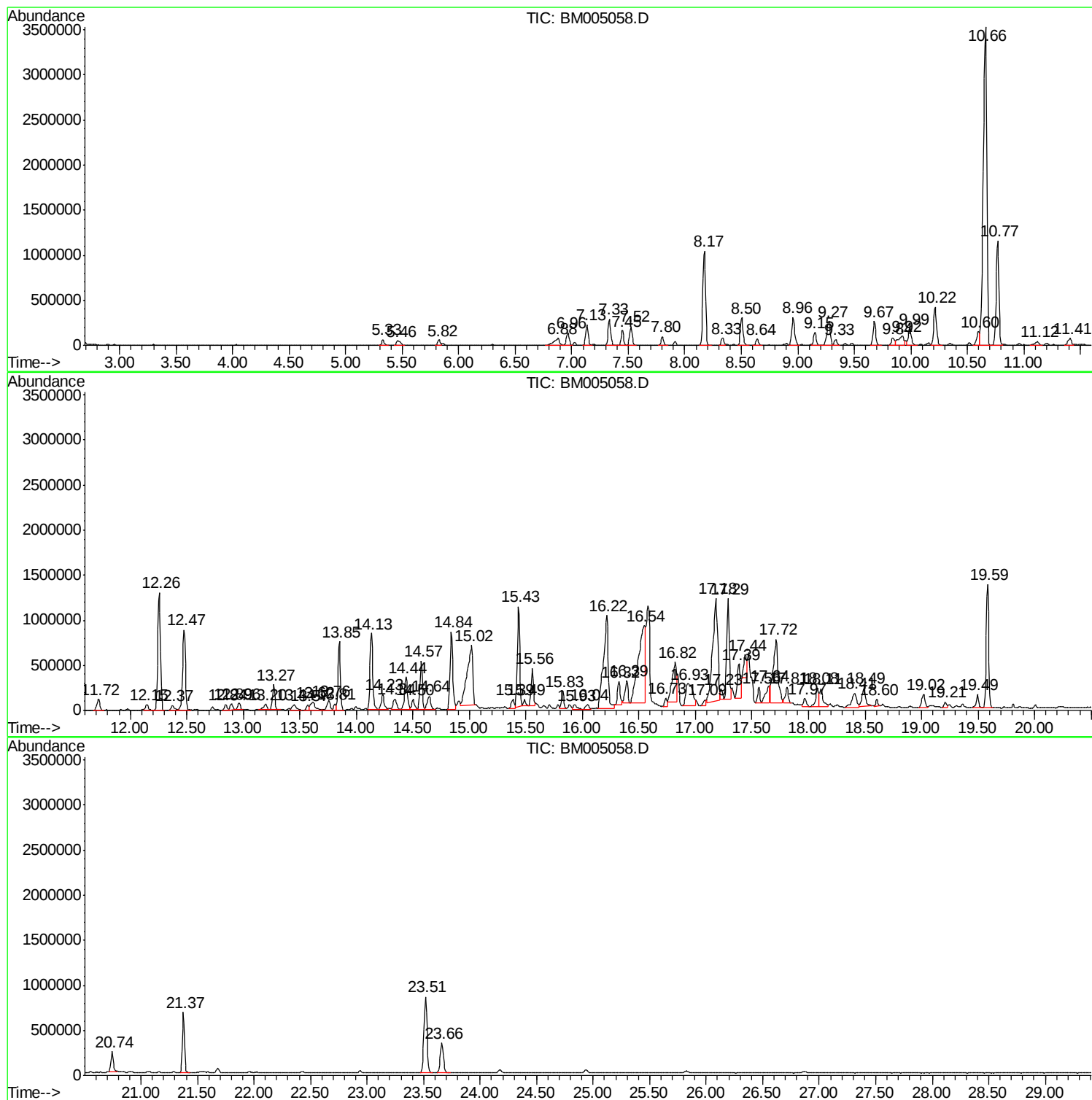
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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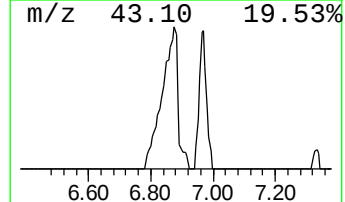
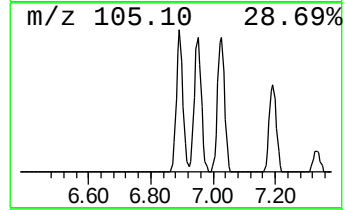
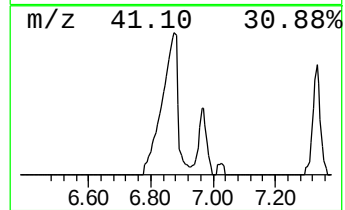
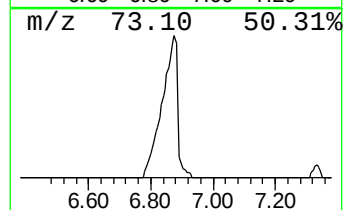
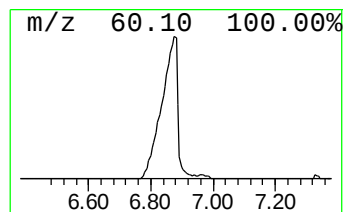
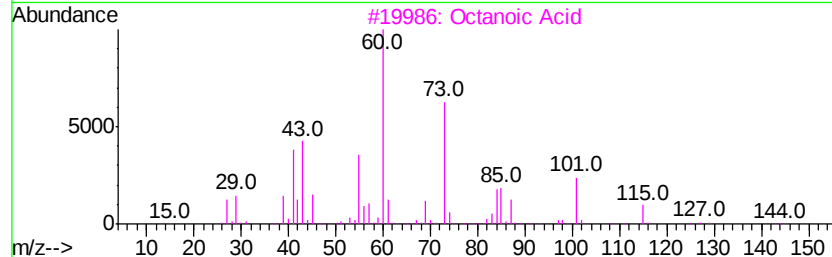
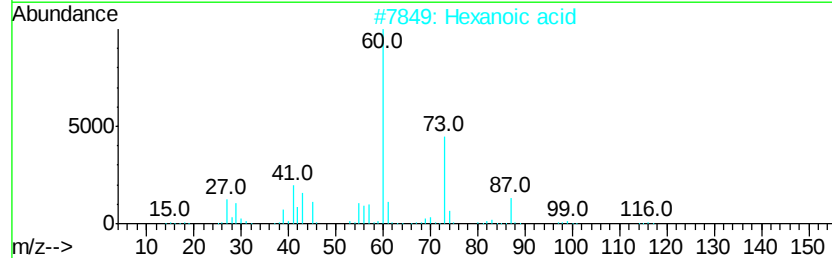
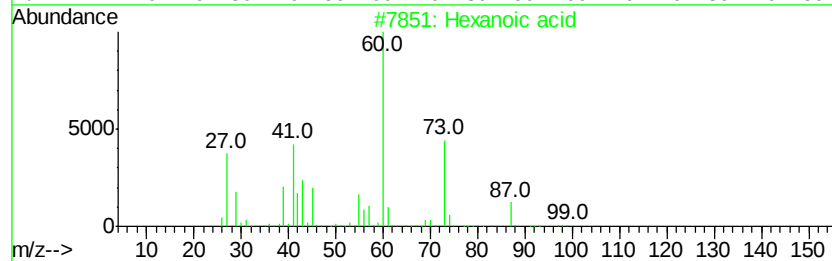
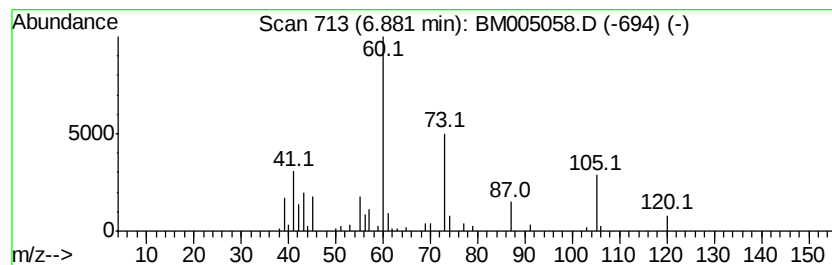
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	35.73 ng/ul	276438	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	86
2		Hexanoic acid	116	C6H12O2	000142-62-1	64
3		Octanoic Acid	144	C8H16O2	000124-07-2	64
4		Hexanoic acid	116	C6H12O2	000142-62-1	64
5		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59



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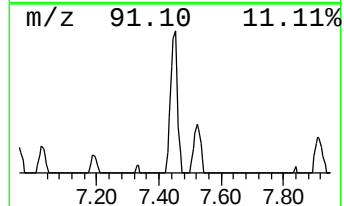
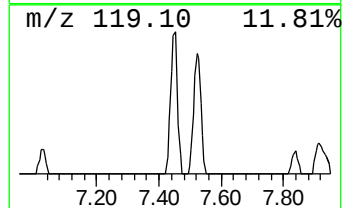
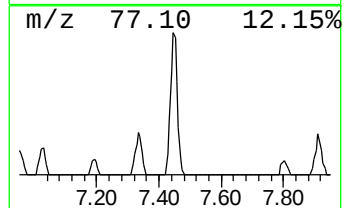
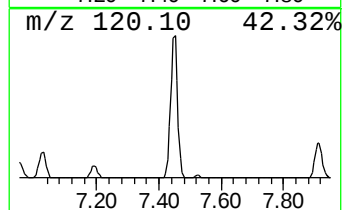
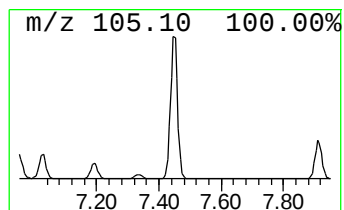
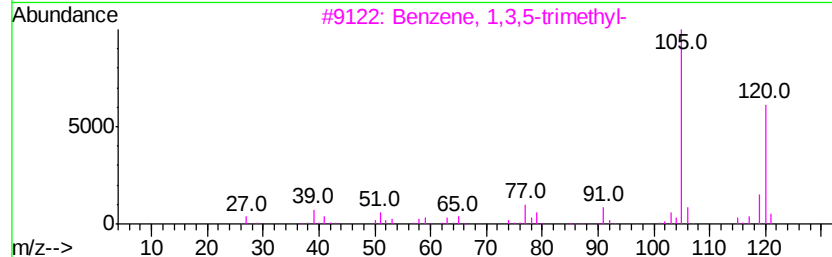
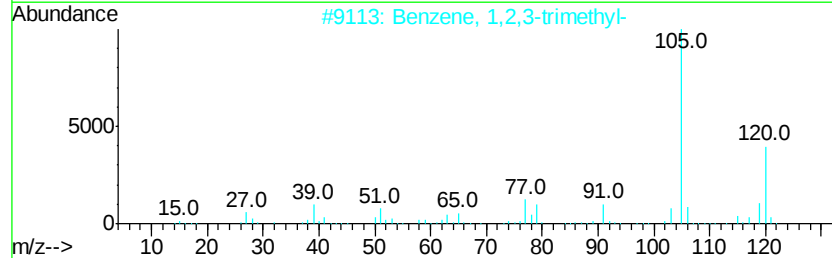
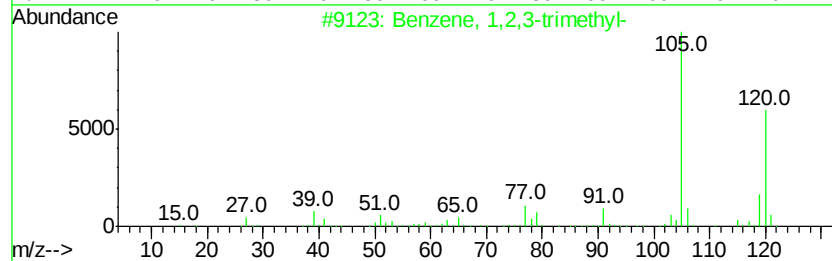
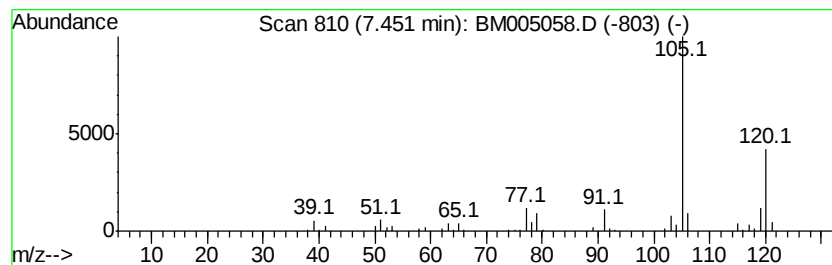
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	33.08 ng/ul	255934	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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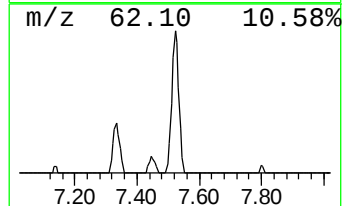
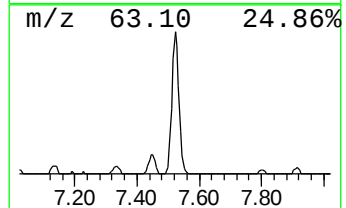
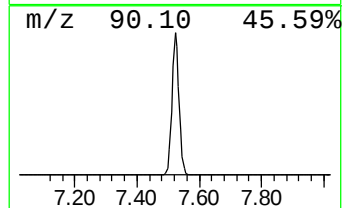
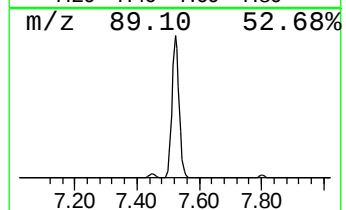
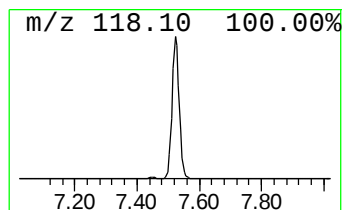
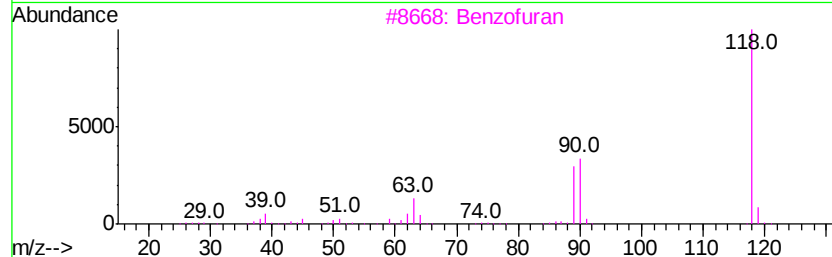
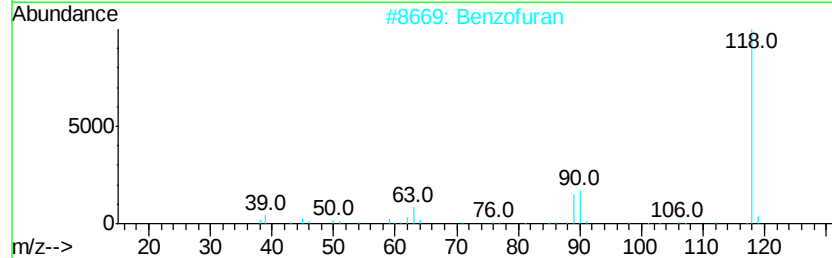
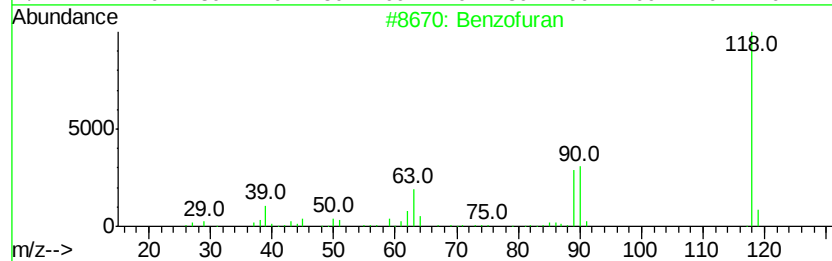
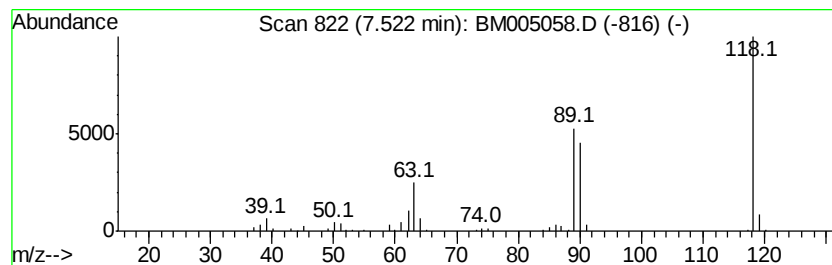
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	43.64 ng/ul	337684	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	91
2		Benzofuran	118	C8H6O	000271-89-6	91
3		Benzofuran	118	C8H6O	000271-89-6	91
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5		2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	45



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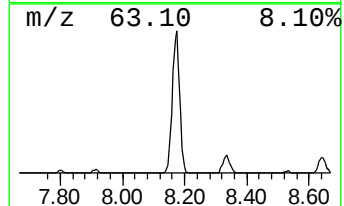
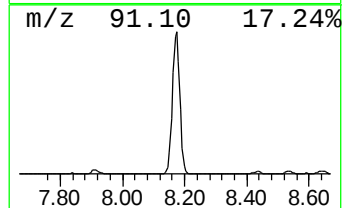
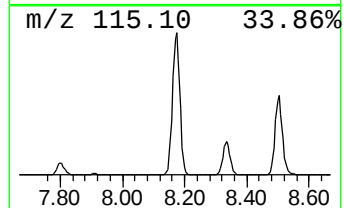
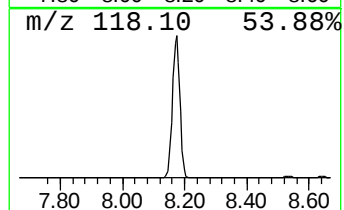
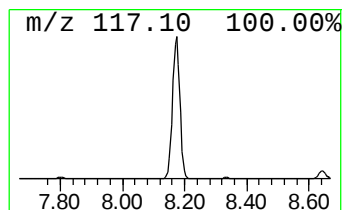
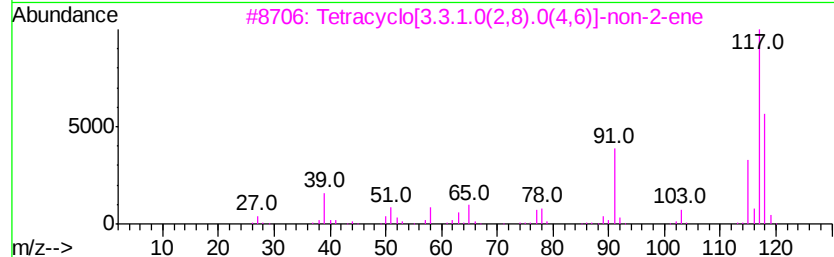
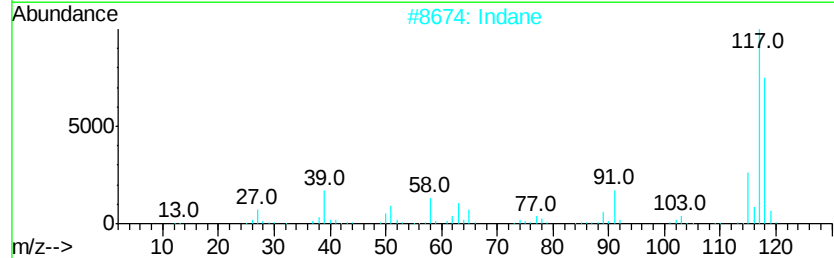
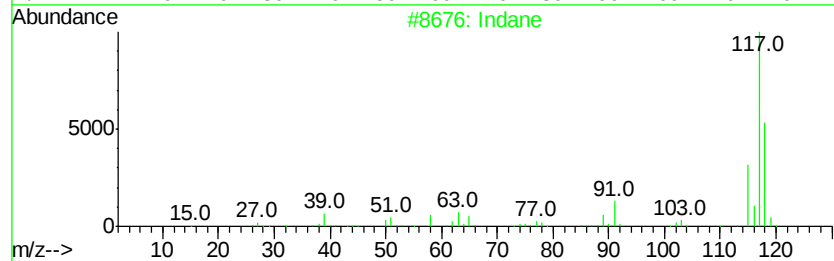
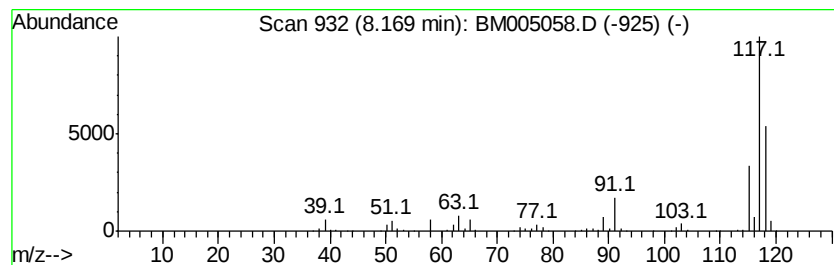
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	228.46 ng/ul	1767790	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
4	Indane		118	C9H10	000496-11-7	60
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BC7M0

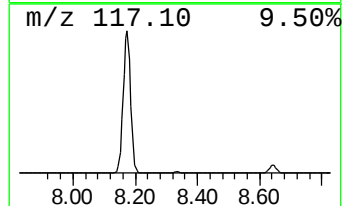
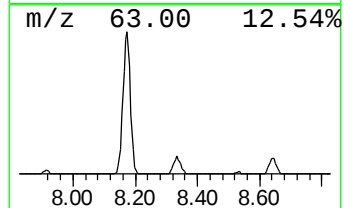
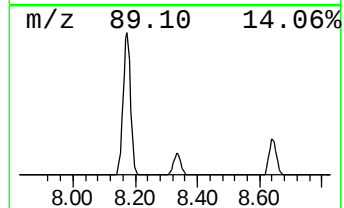
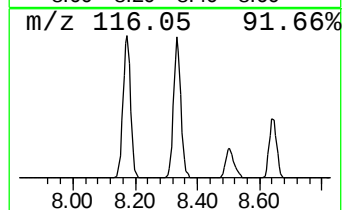
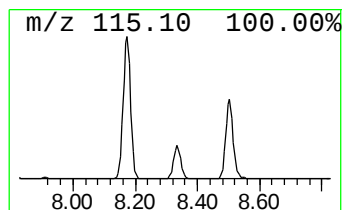
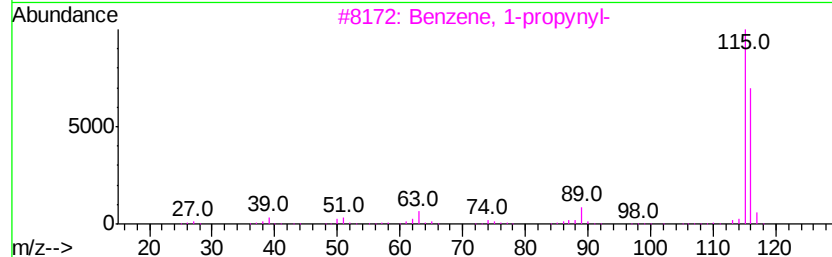
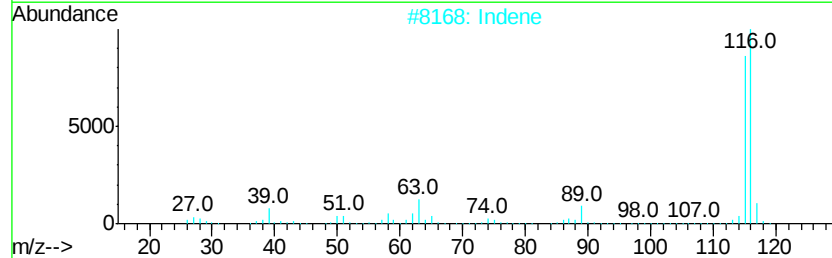
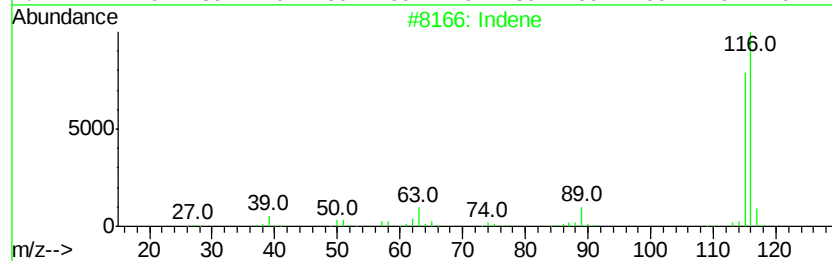
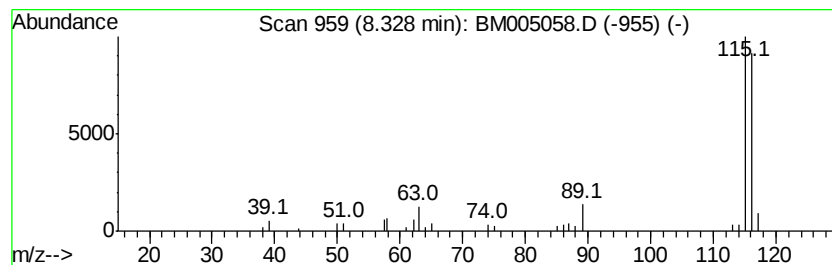
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	16.96 ng/ul	131247	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
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Misc :
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ClientSampleId :
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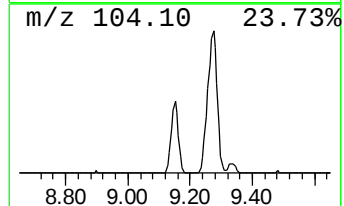
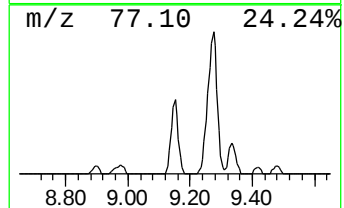
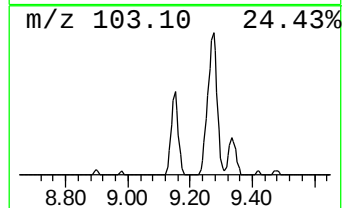
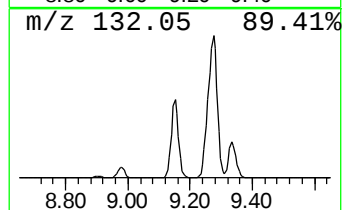
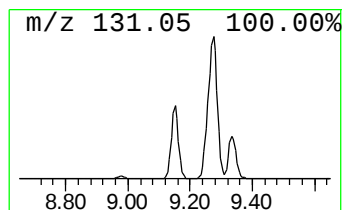
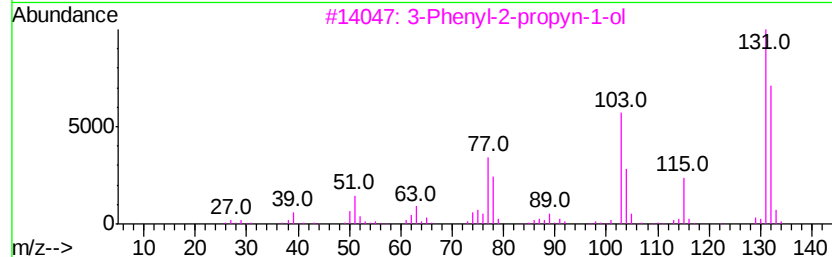
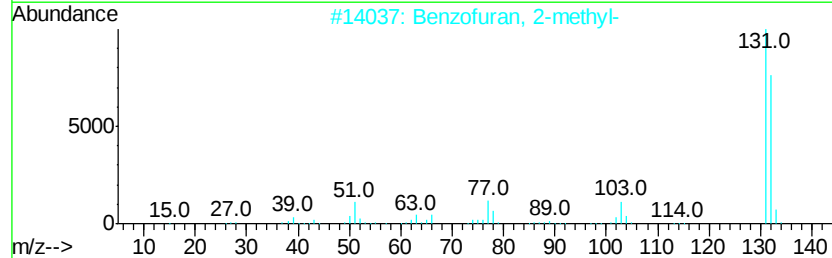
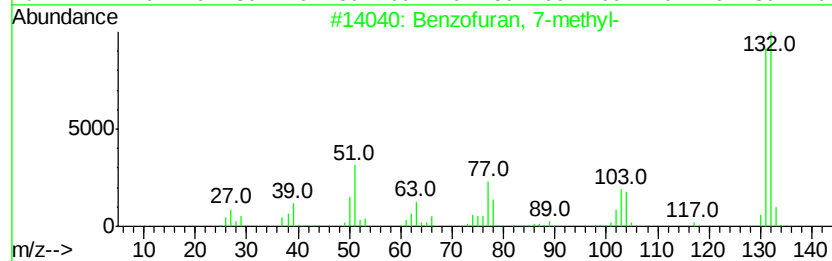
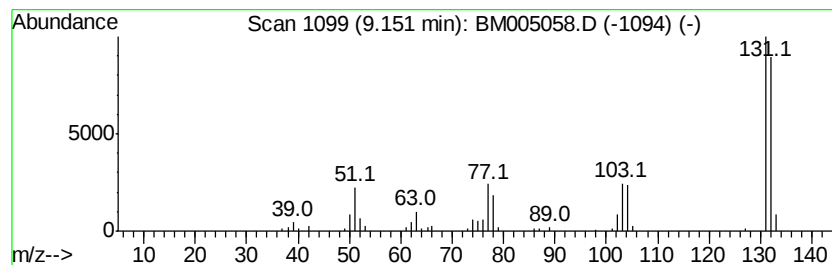
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	29.24 ng/ul	226222	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
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Instrument :
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ClientSampleId :
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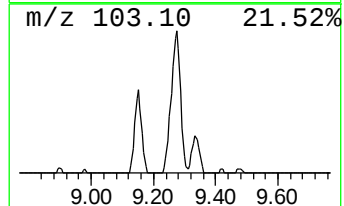
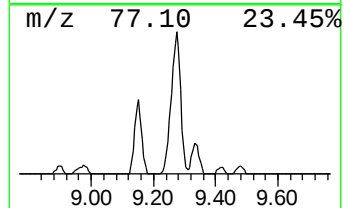
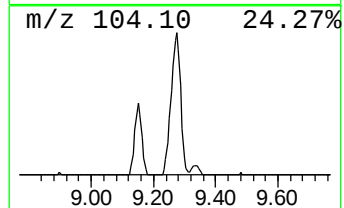
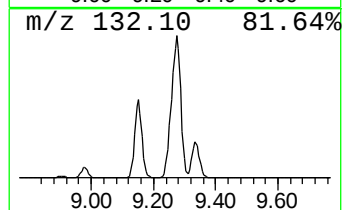
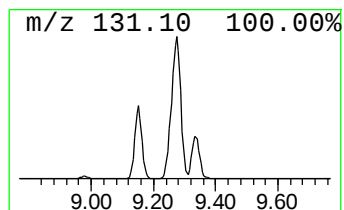
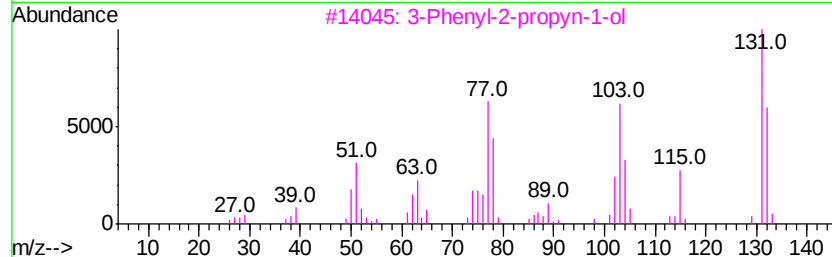
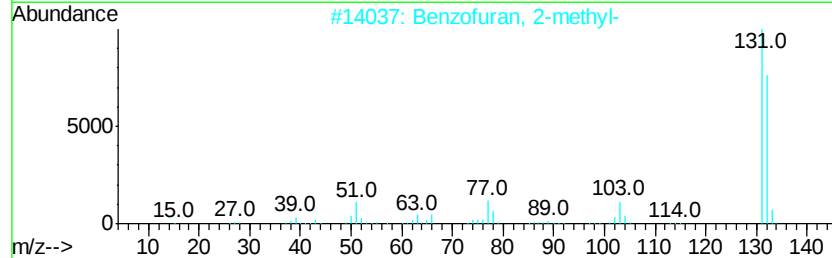
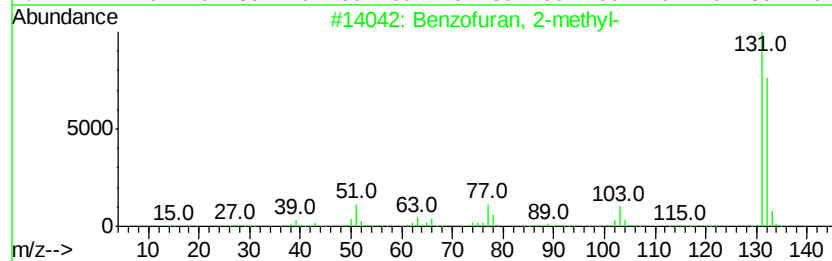
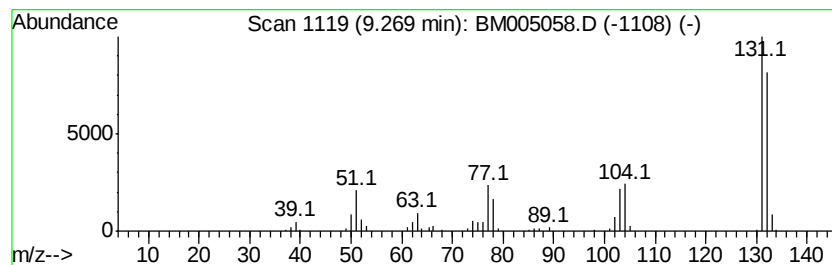
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	38.81 ng/ul	555679	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
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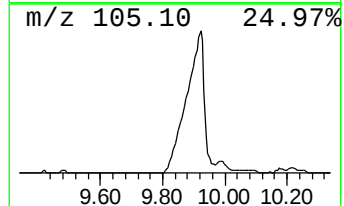
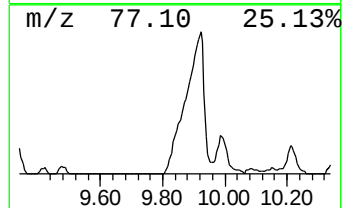
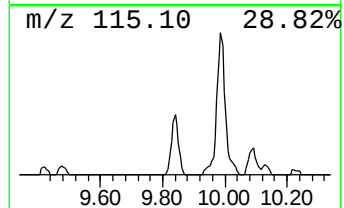
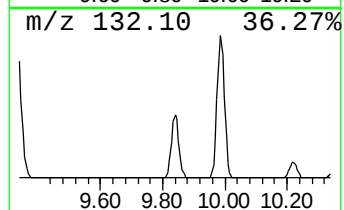
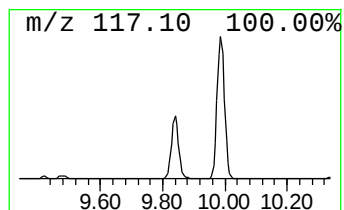
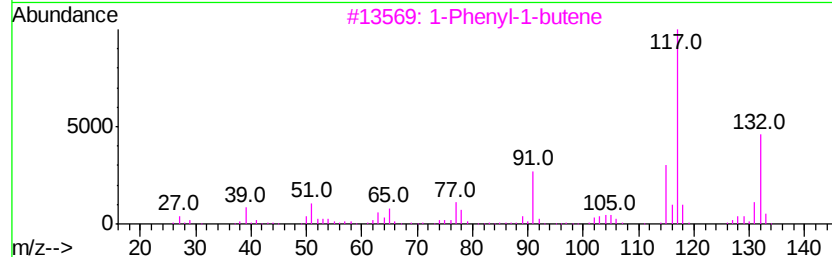
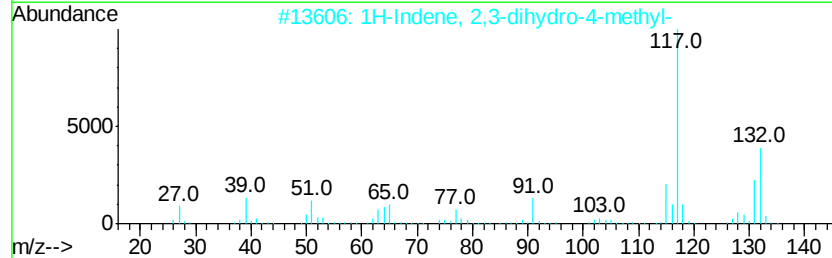
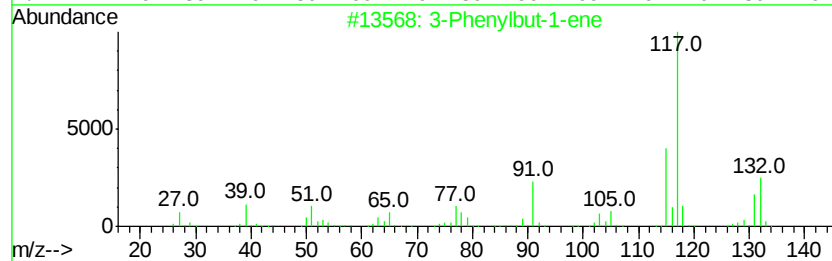
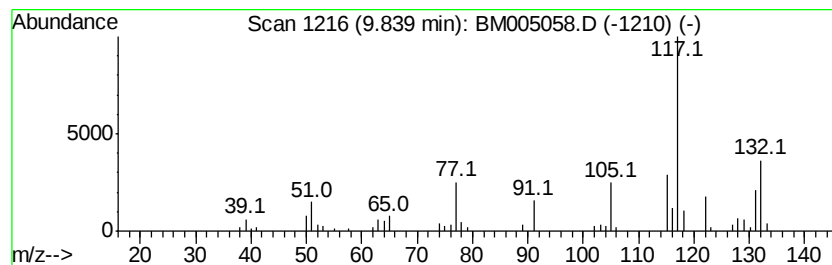
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 3-Phenylbut-1-ene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	11.46 ng/ul	164015	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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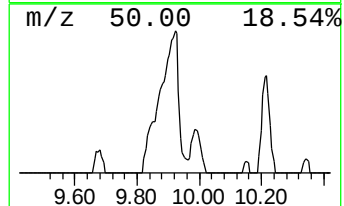
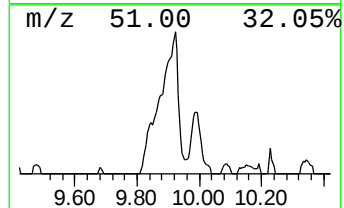
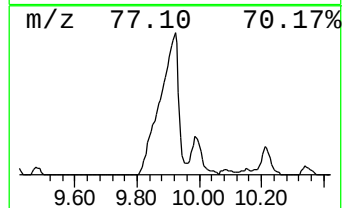
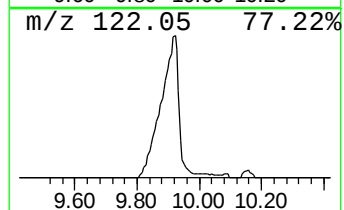
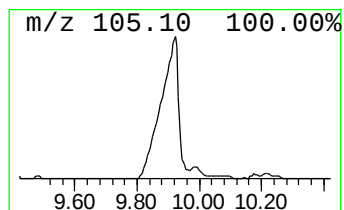
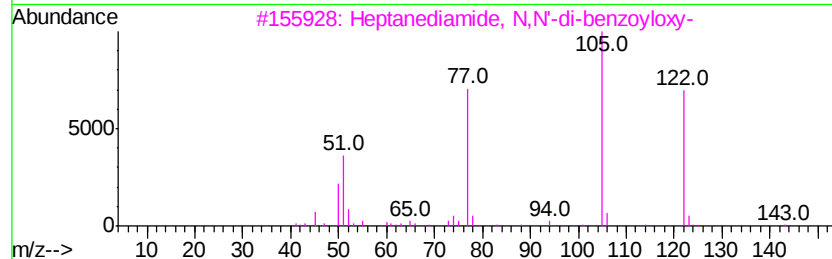
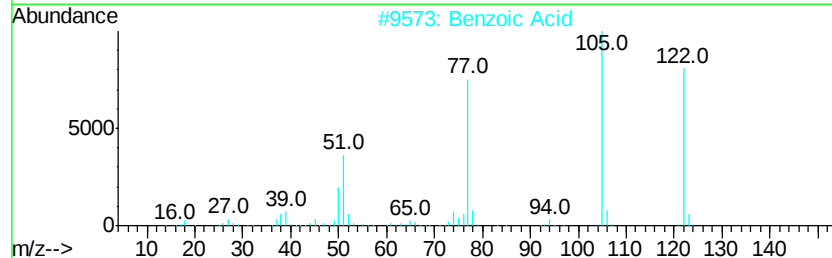
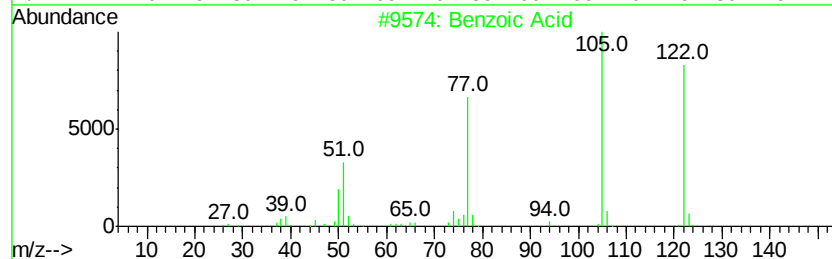
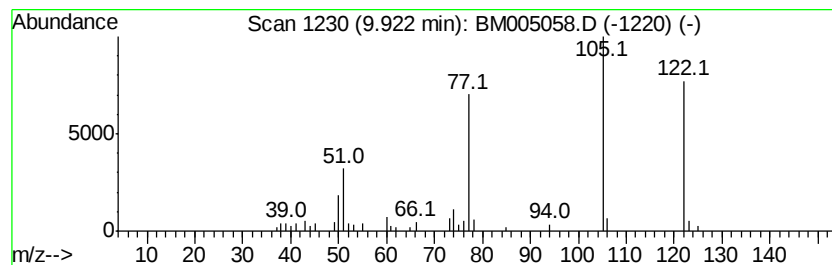
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzoic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	25.02 ng/ul	358268	Naphthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic Acid	122	C7H6O2	000065-85-0	94
2			Benzoic Acid	122	C7H6O2	000065-85-0	94
3			Heptanediamide, N,N'-di-benzovloxy-	398	C21H22N2O6	1000253-26-4	86
4			Cyclopropanecarboxamide, N-benzo...	205	C11H11N03	1000253-25-4	83
5			Benzoic Acid	122	C7H6O2	000065-85-0	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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ClientSampleId :
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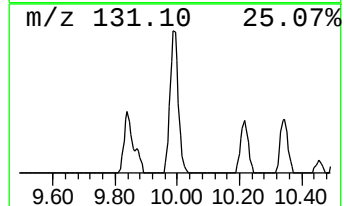
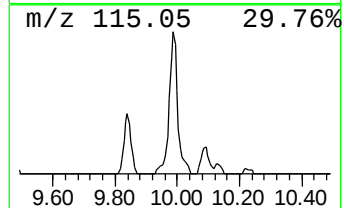
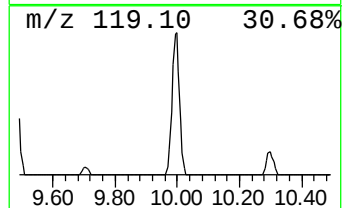
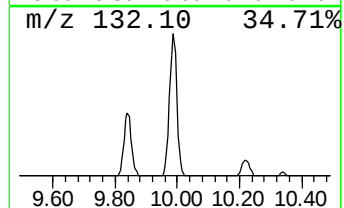
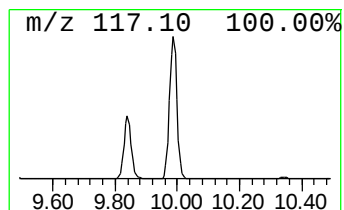
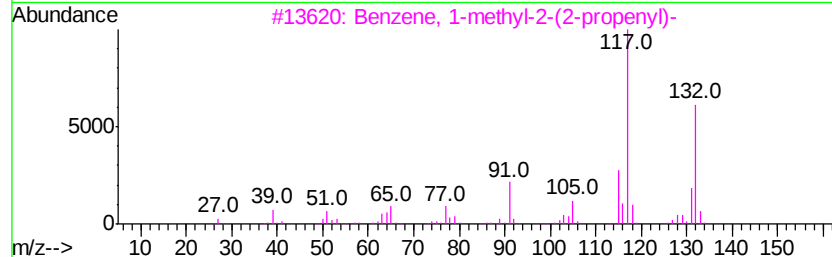
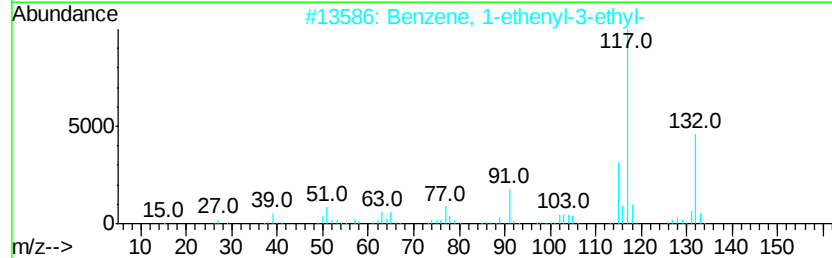
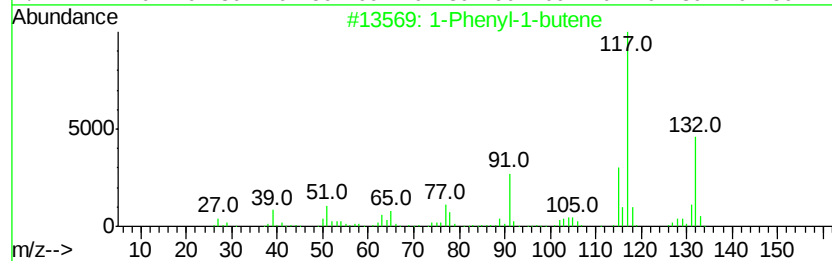
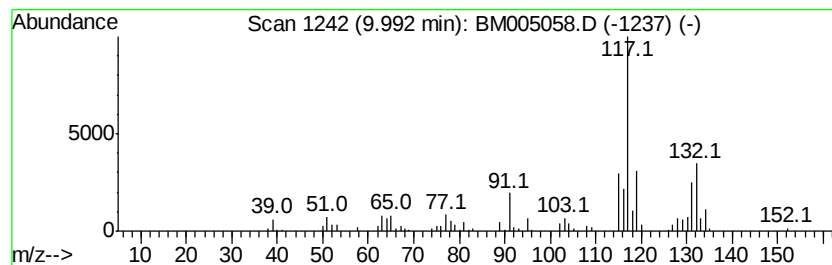
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	25.33 ng/ul	362631	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
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Instrument :
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ClientSampleId :
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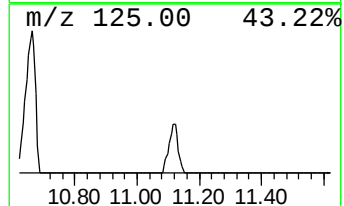
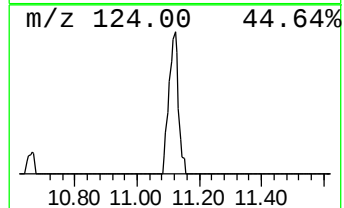
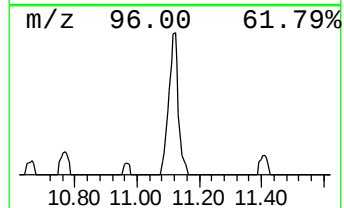
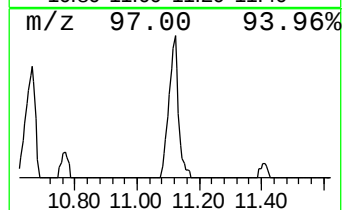
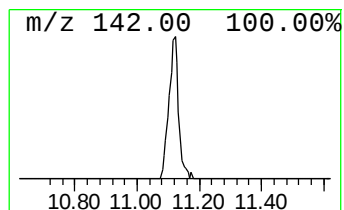
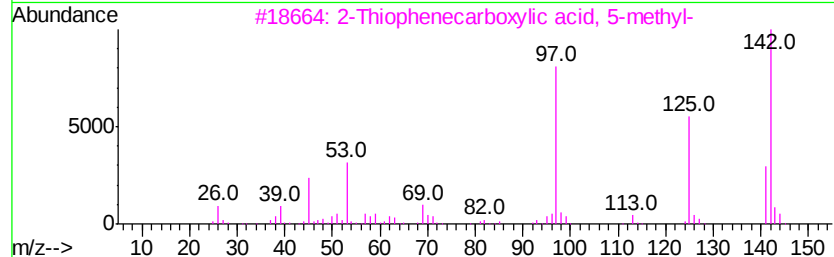
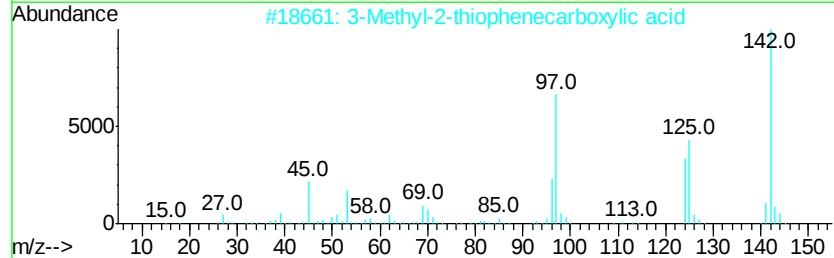
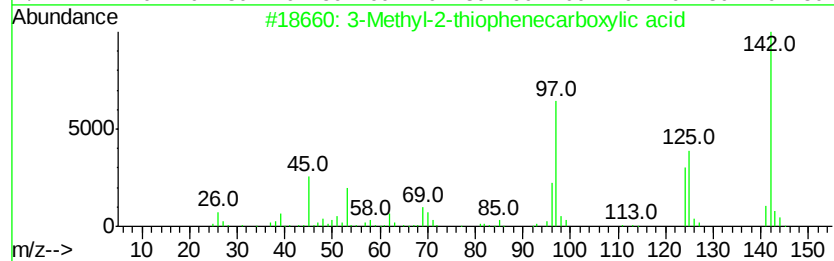
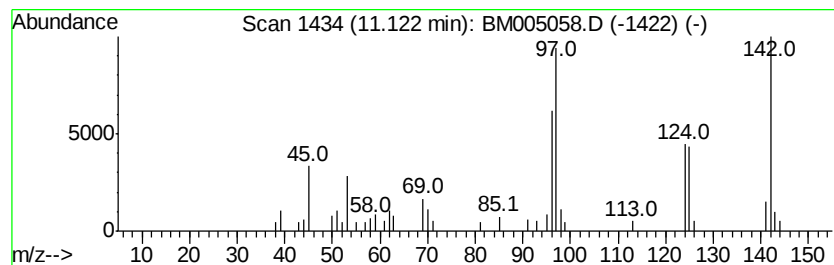
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Methyl-2-thiophenecarboxy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.62 ng/ul	109050	Naphthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-2-thiophenecarboxylic acid	142	C6H6O2S	023806-24-8	97
2			3-Methyl-2-thiophenecarboxylic acid	142	C6H6O2S	023806-24-8	95
3			2-Thiophenecarboxylic acid, 5-me...	142	C6H6O2S	001918-79-2	64
4			2-Thiophenecarboxylic acid, 5-me...	142	C6H6O2S	001918-79-2	46
5			3-Thiopheneacetic acid	142	C6H6O2S	006964-21-2	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
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Misc :
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ClientSampleId :
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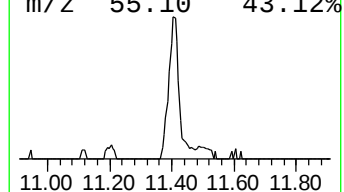
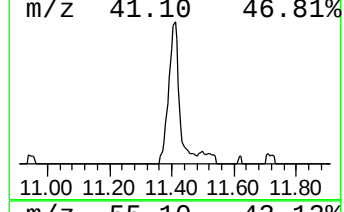
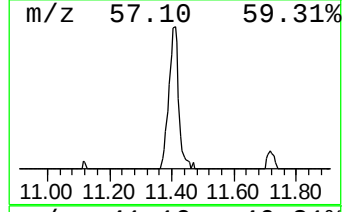
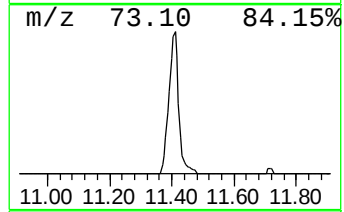
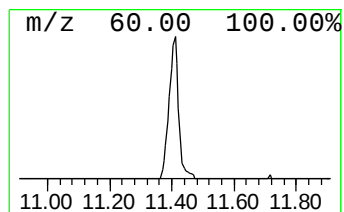
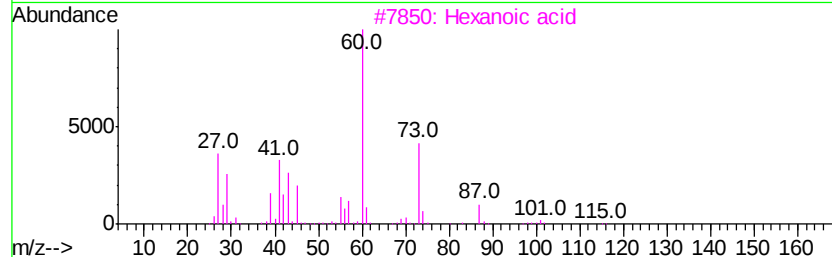
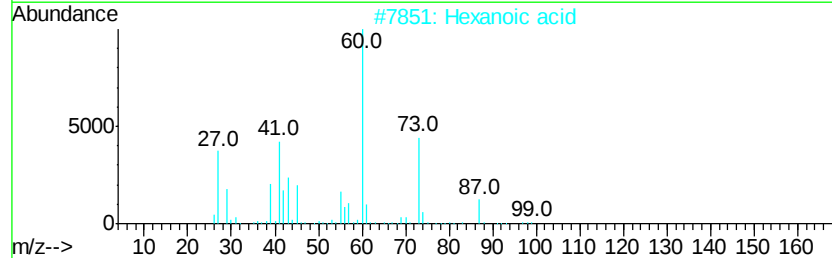
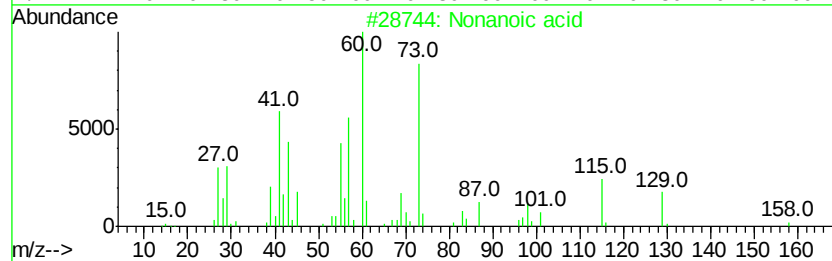
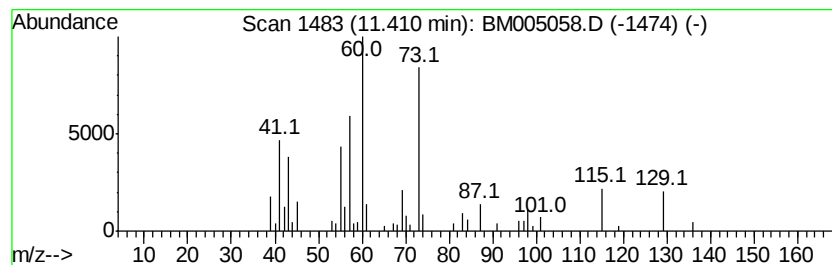
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	11.33 ng/ul	162237	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	91
2		Hexanoic acid	116	C6H12O2	000142-62-1	50
3		Hexanoic acid	116	C6H12O2	000142-62-1	50
4		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
5		Octanoic Acid	144	C8H16O2	000124-07-2	42



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
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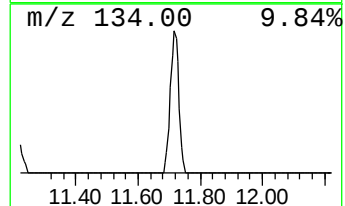
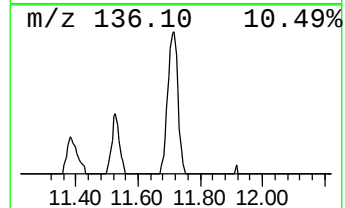
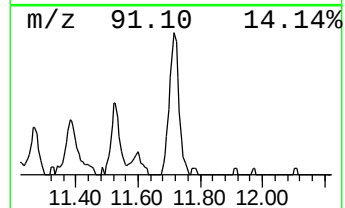
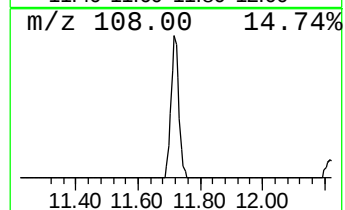
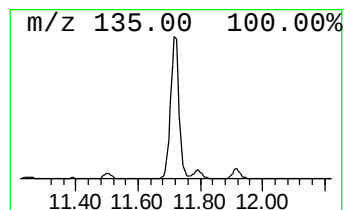
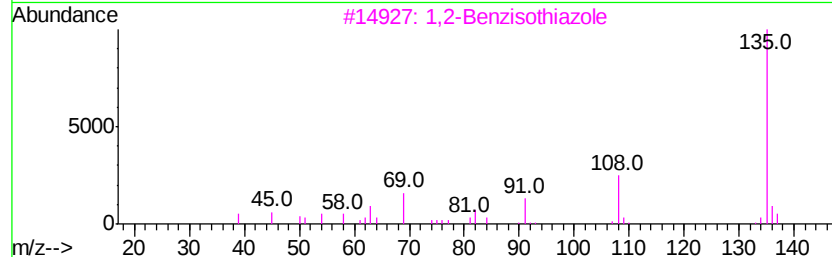
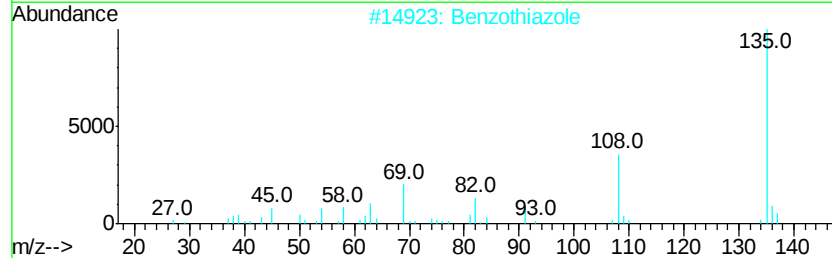
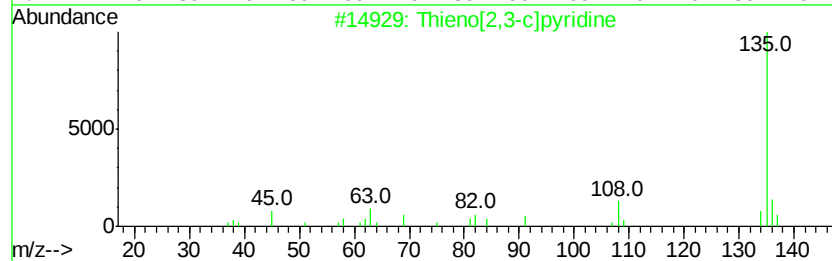
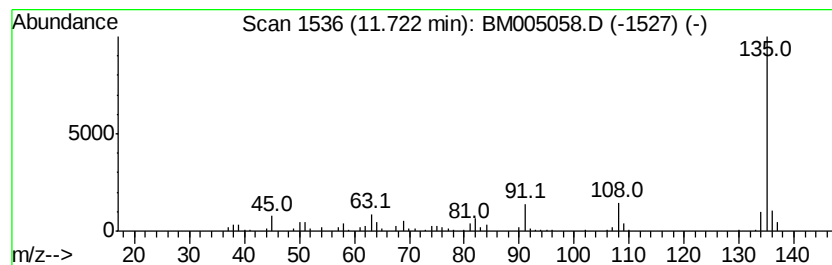
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Thieno[2,3-c]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	16.27 ng/ul	232972	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	94
2		Benzo[thiazole]	135	C7H5NS	000095-16-9	83
3		1,2-Benzisothiazole	135	C7H5NS	000272-16-2	80
4		Benzo[thiazole]	135	C7H5NS	000095-16-9	74
5		Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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Misc :
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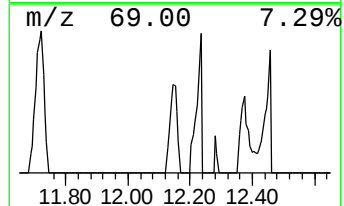
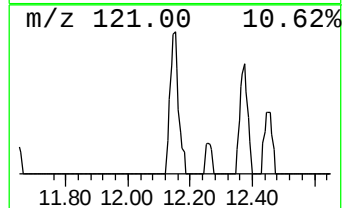
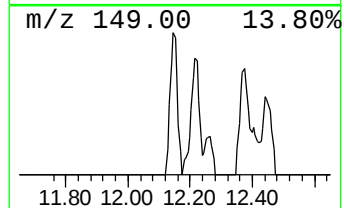
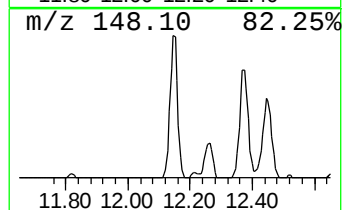
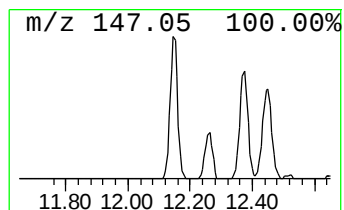
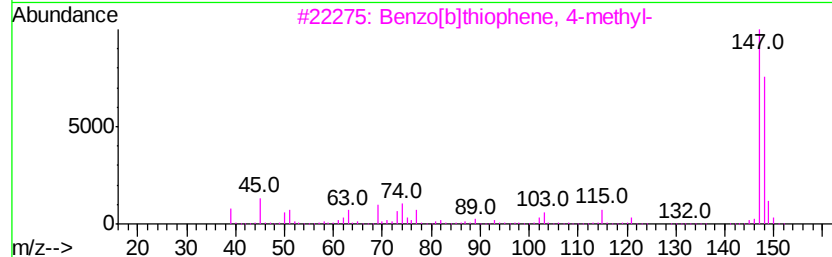
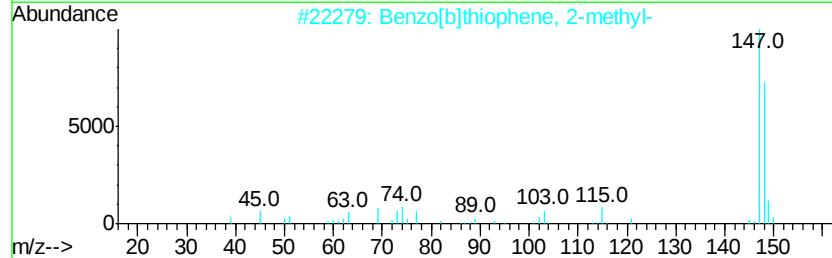
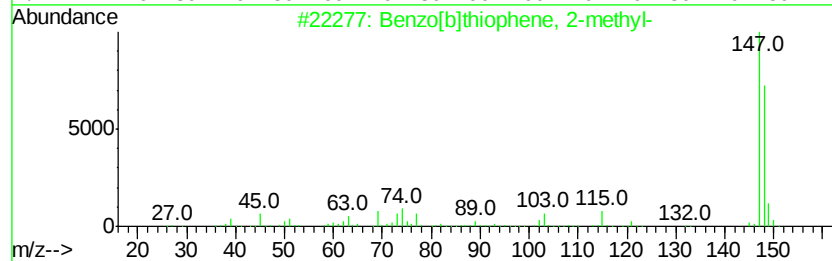
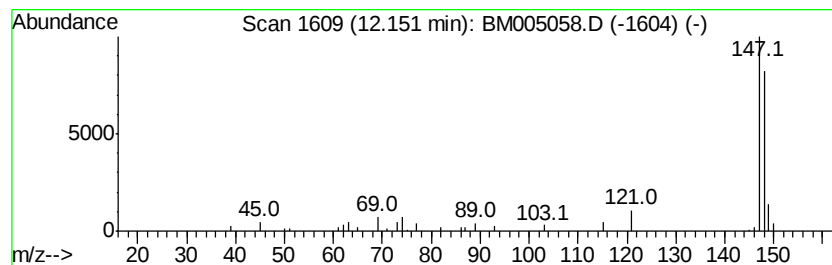
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[b]thiophene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	7.46 ng/ul	106778	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	83
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	78



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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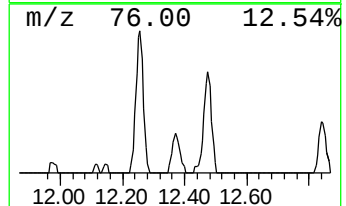
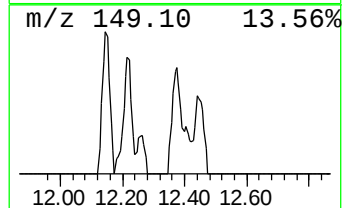
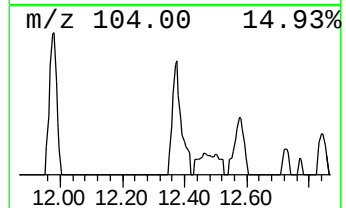
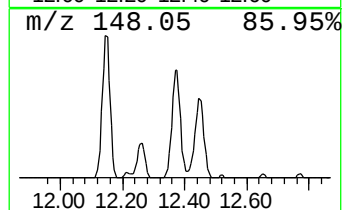
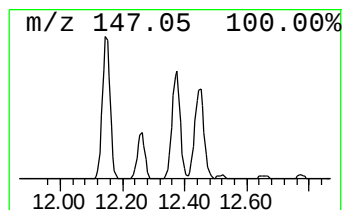
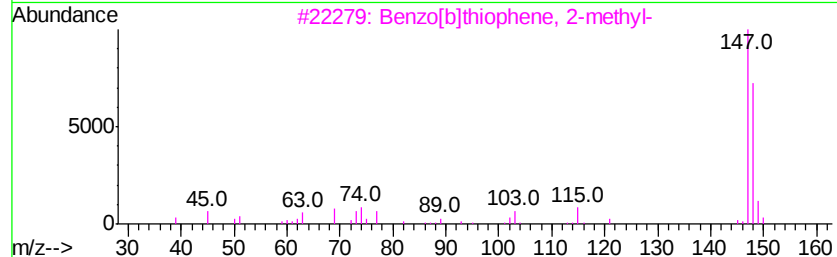
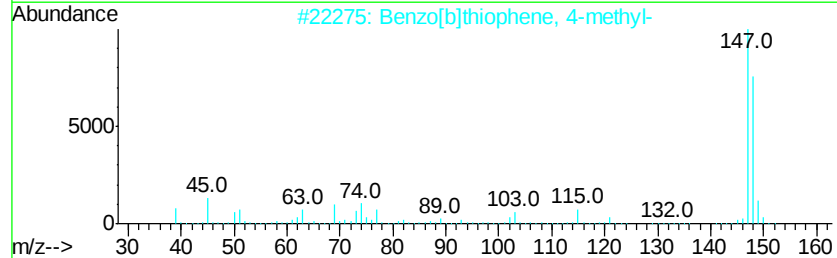
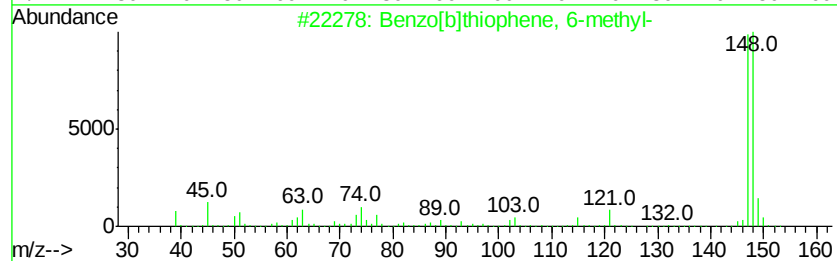
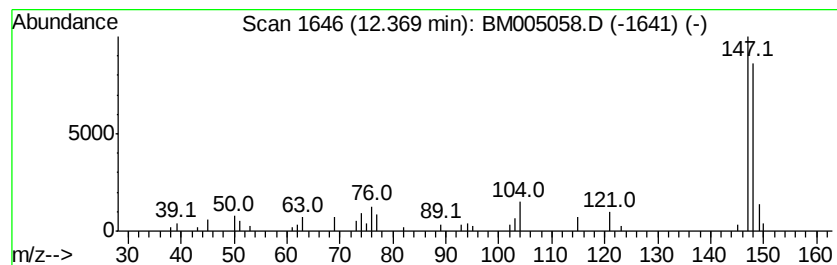
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[b]thiophene, 6-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.40 ng/ul	120302	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
2		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
5		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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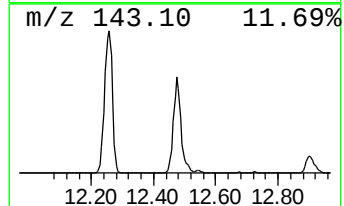
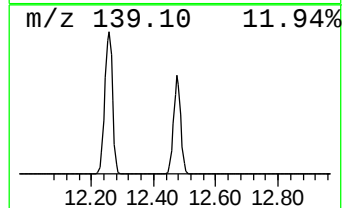
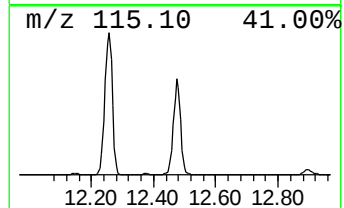
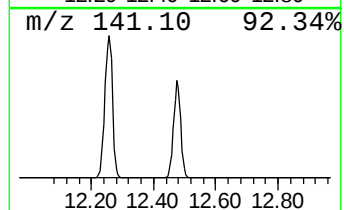
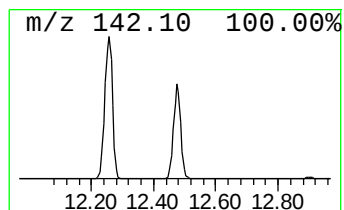
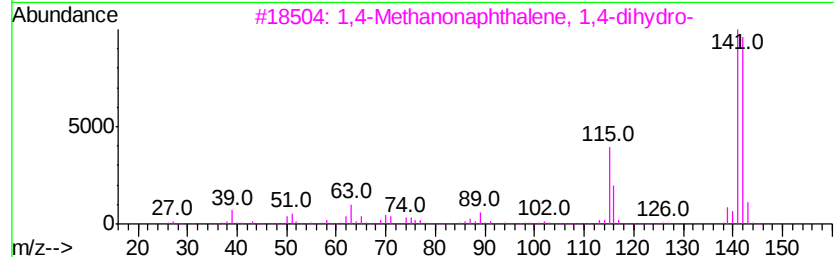
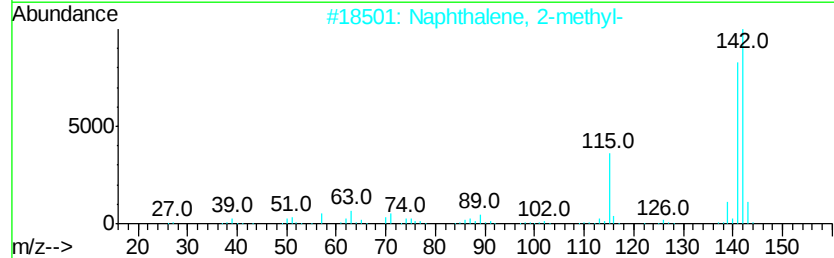
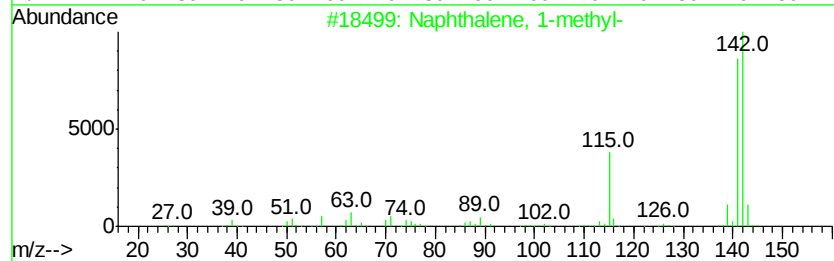
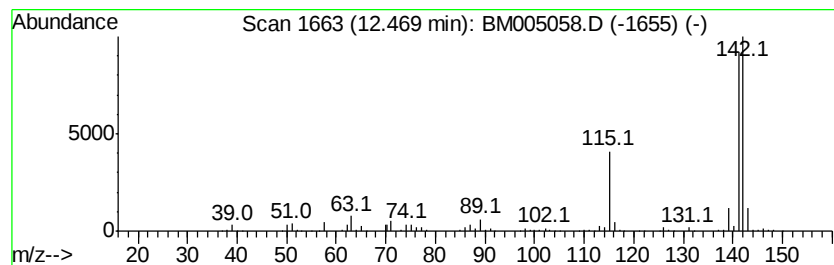
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	105.87 ng/ul	1515660	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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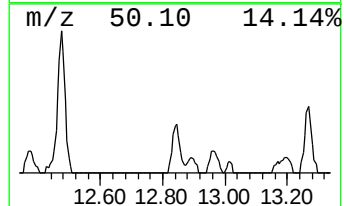
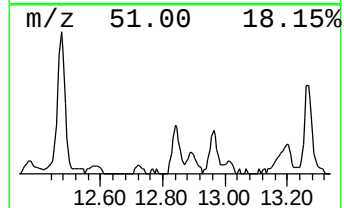
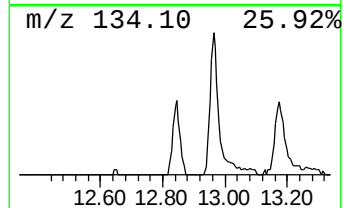
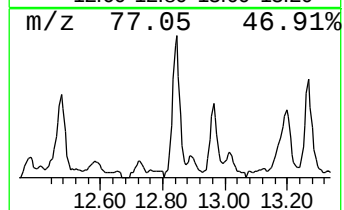
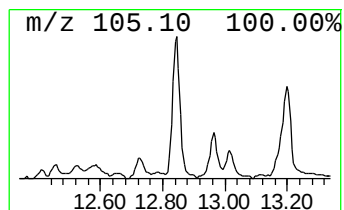
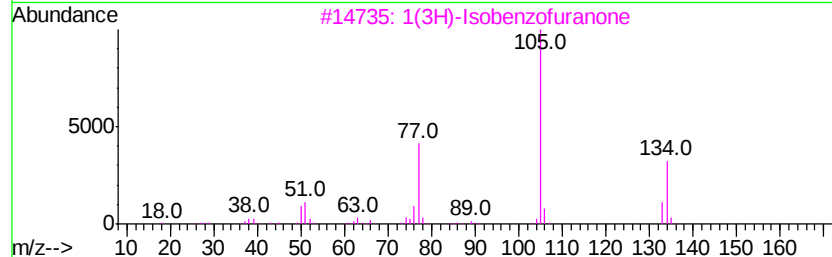
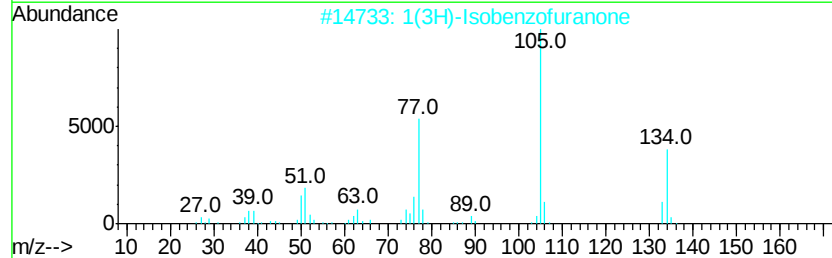
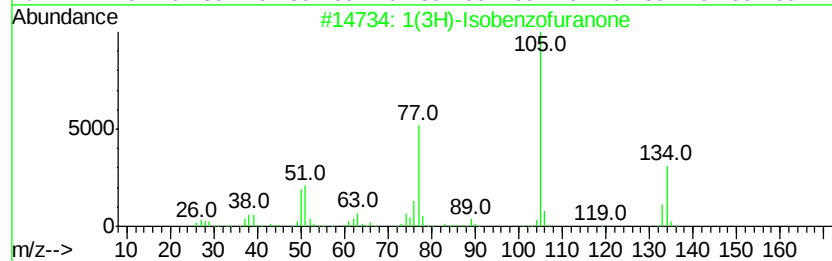
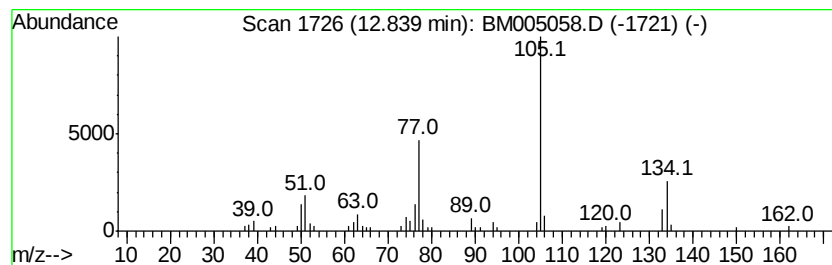
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1(3H)-Isobenzofuranone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	3.28 ng/ul	105154	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
2		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
3		1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	87
4		1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	81
5		1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M0

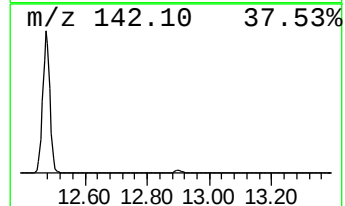
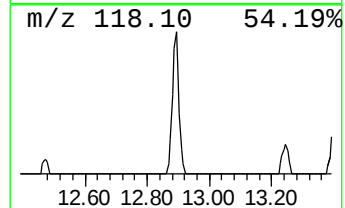
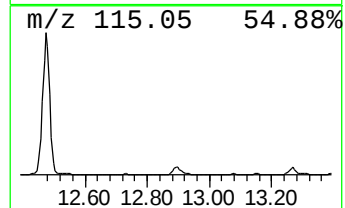
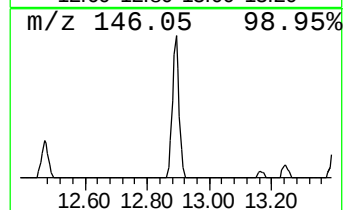
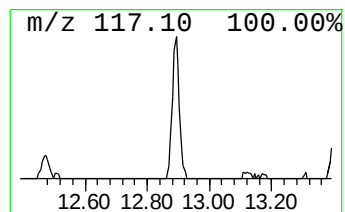
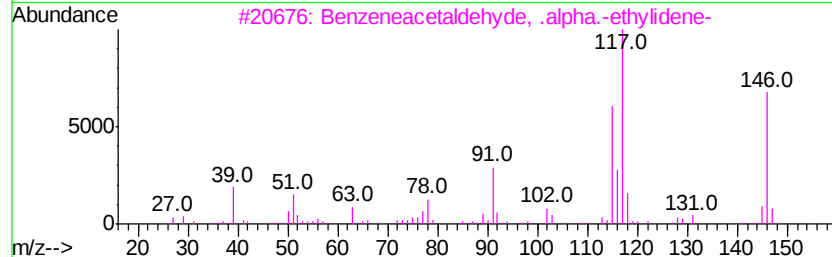
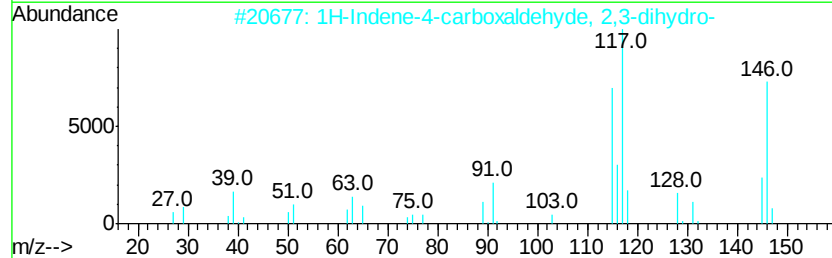
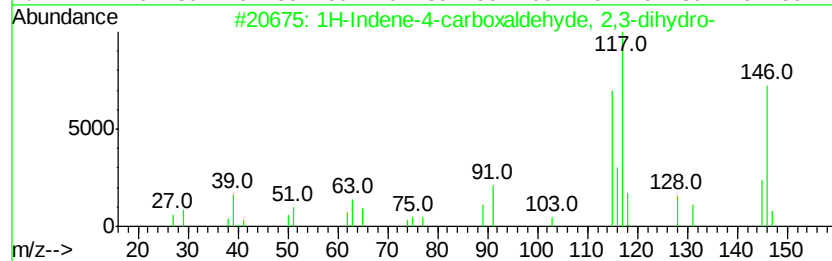
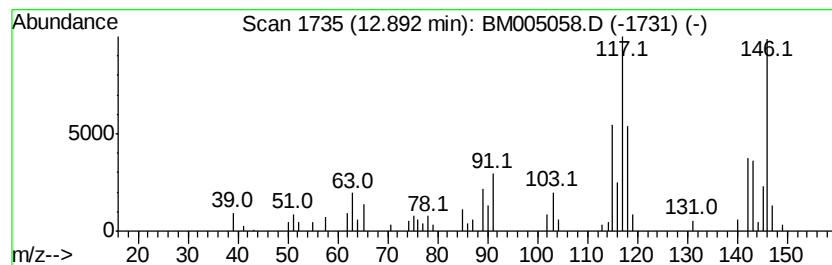
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1H-Indene-4-carboxaldehyde,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	3.55 ng/ul	113791	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	68
2		1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	68
3		Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	58
4		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
5		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
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Instrument :
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ClientSampleId :
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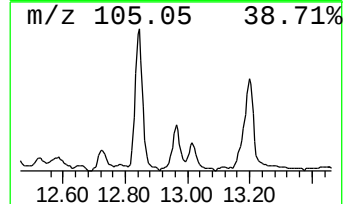
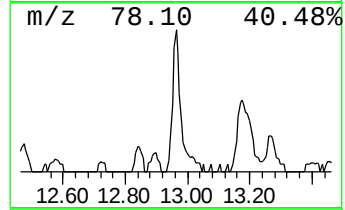
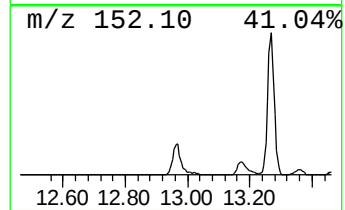
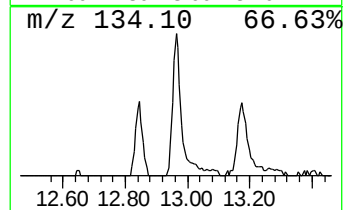
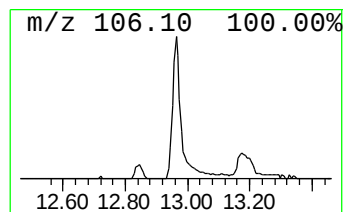
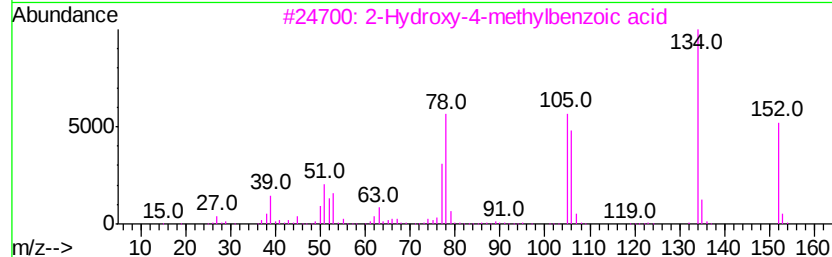
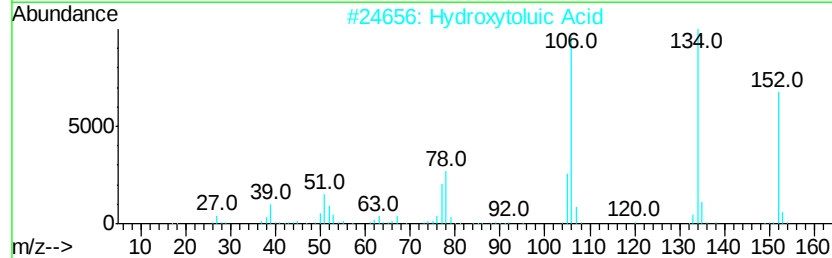
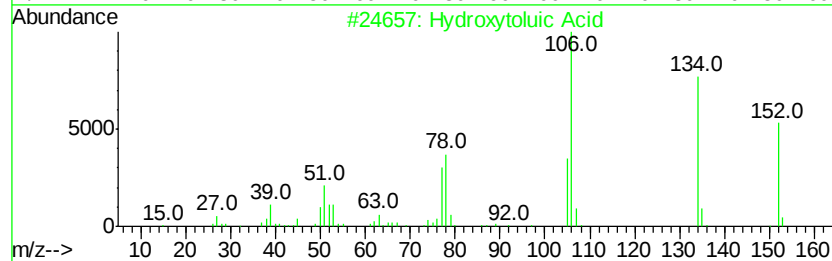
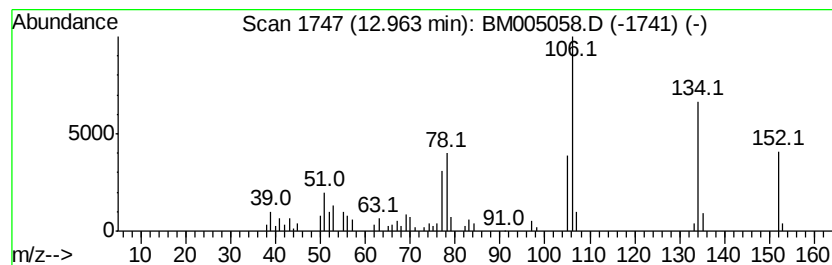
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Hydroxytoluic Acid Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.87 ng/ul	124257	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	97
2		Hydroxytoluic Acid	152	C8H8O3	000083-40-9	96
3		2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	95
4		Hydroxytoluic Acid	152	C8H8O3	000083-40-9	91
5		5-Methylsalicylic acid	152	C8H8O3	000089-56-5	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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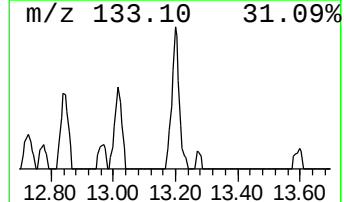
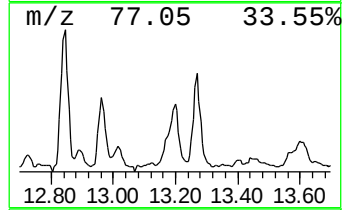
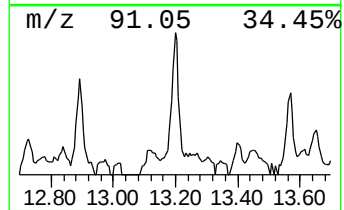
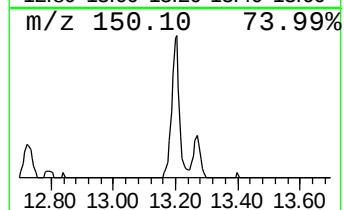
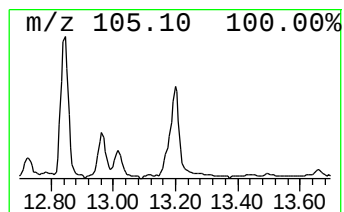
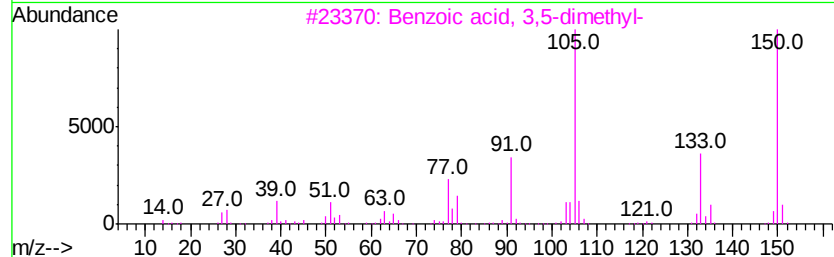
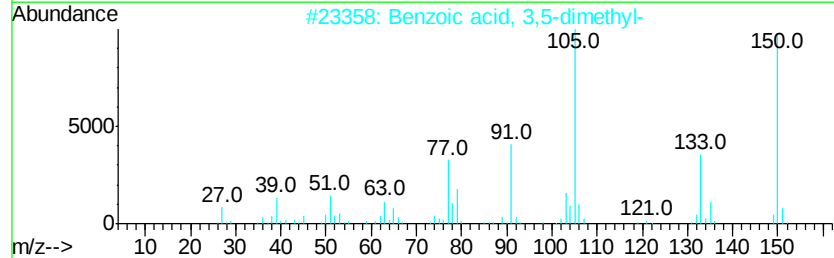
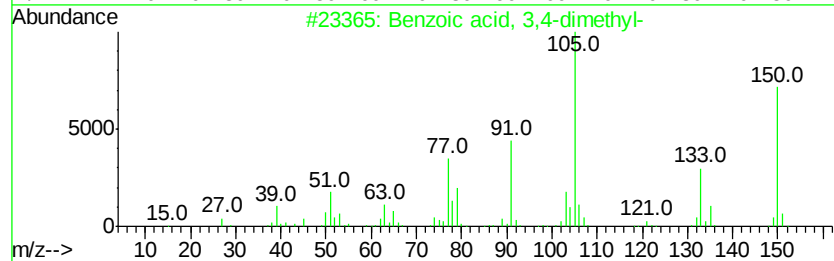
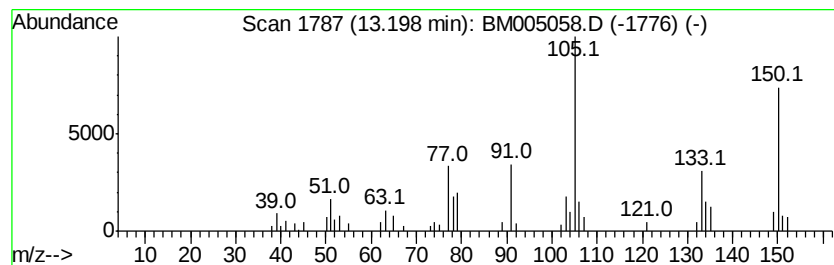
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzoic acid, 3,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.49 ng/ul	144100	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	96
2		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	95
3		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	93
4		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	93
5		Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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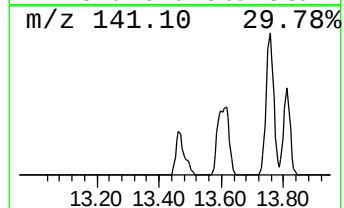
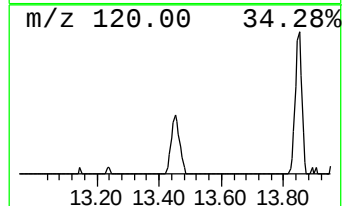
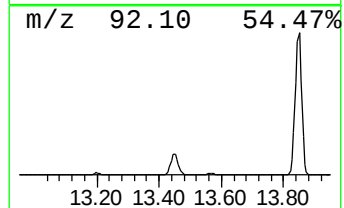
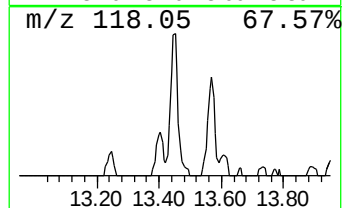
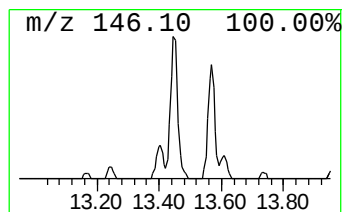
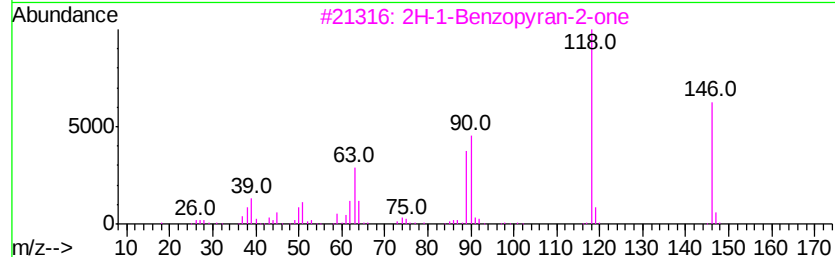
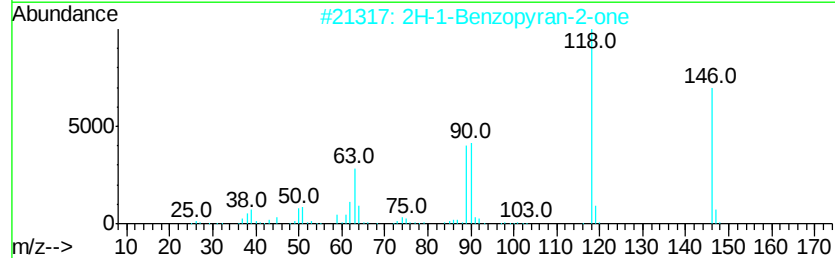
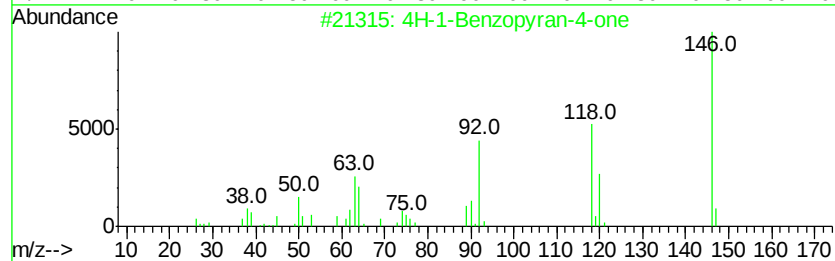
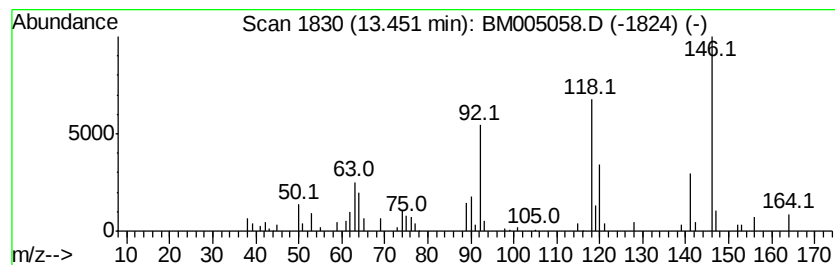
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 4H-1-Benzopyran-4-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.20 ng/ul	166861	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Benzopyran-4-one	146	C9H6O2	000491-38-3	96
2		2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	64
3		2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	64
4		2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	58
5		2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
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Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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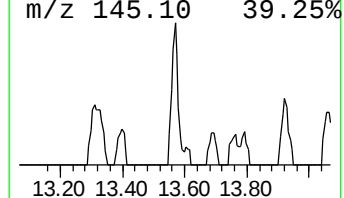
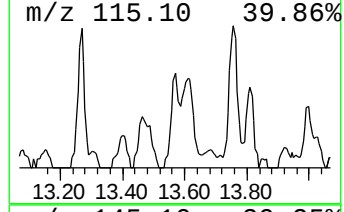
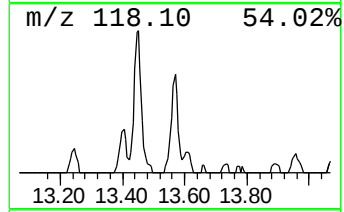
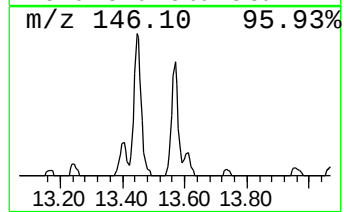
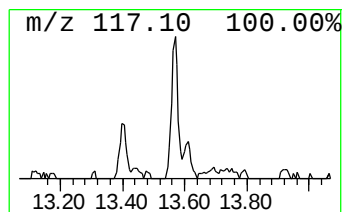
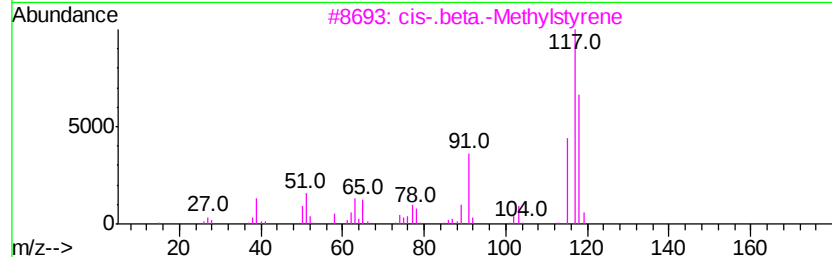
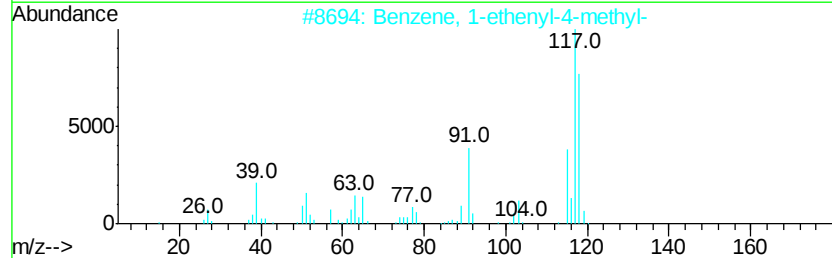
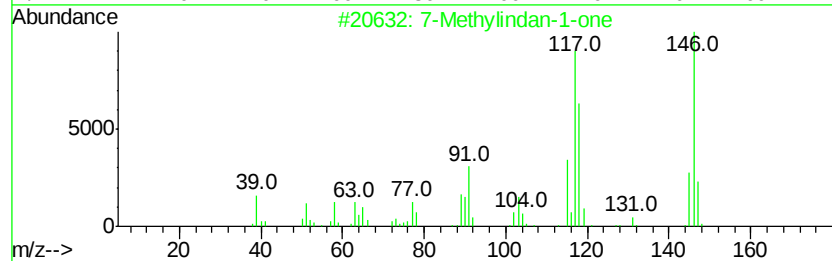
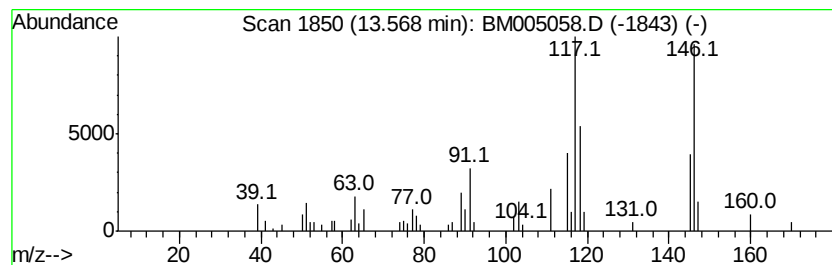
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 7-Methylindan-1-one Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.76 ng/ul	88643	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylindan-1-one	146	C10H10O	039627-61-7	87
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
3		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	80
4		Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	52
5		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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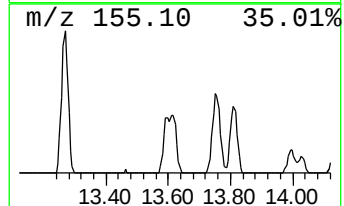
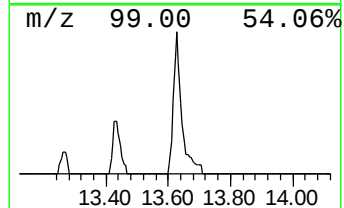
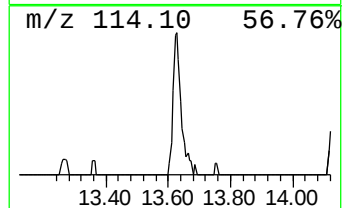
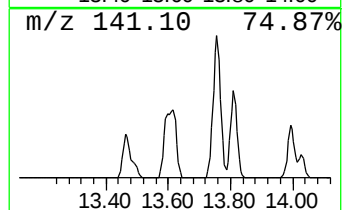
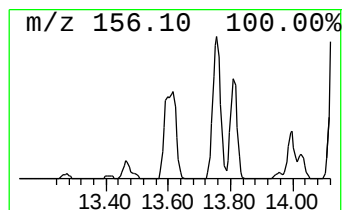
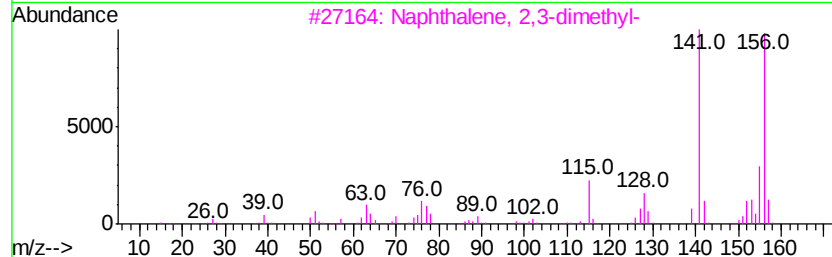
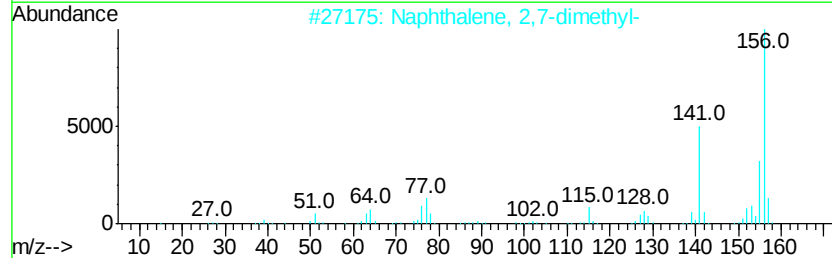
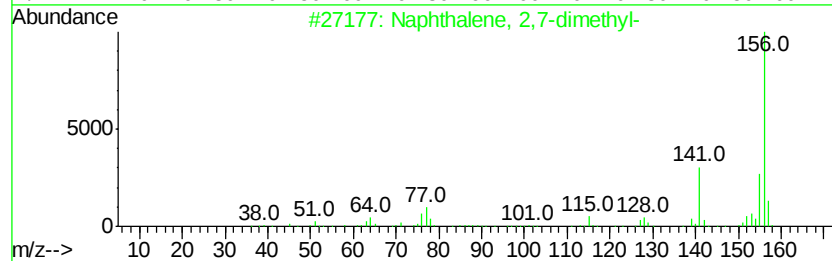
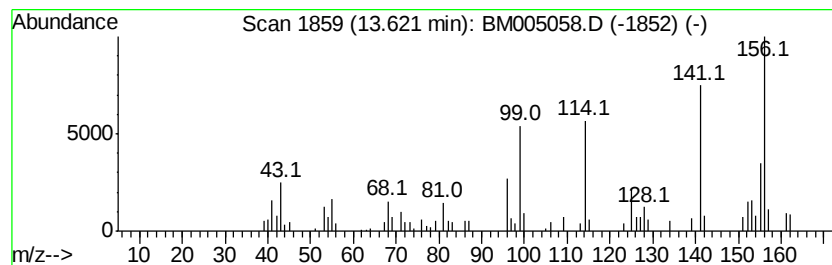
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 2,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	7.84 ng/ul	251544	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M0

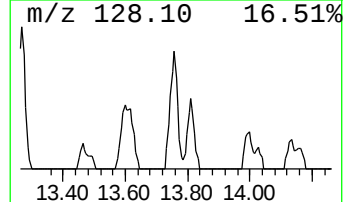
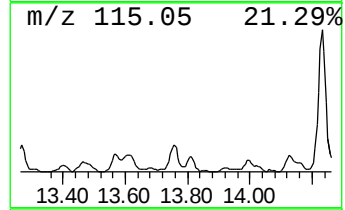
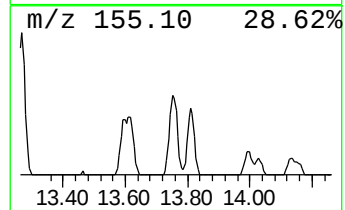
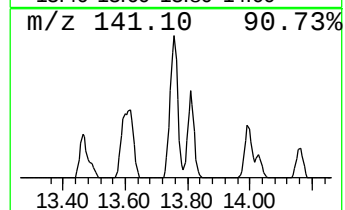
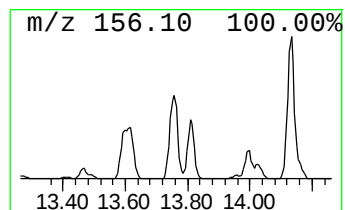
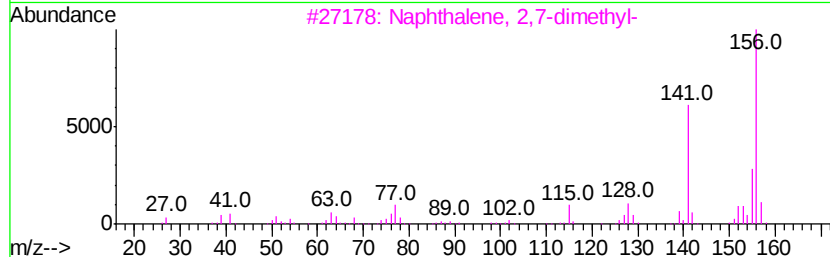
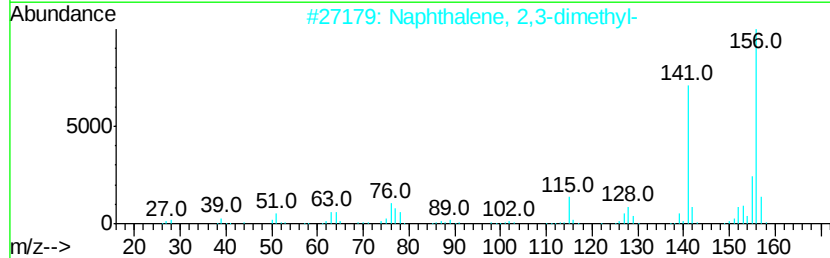
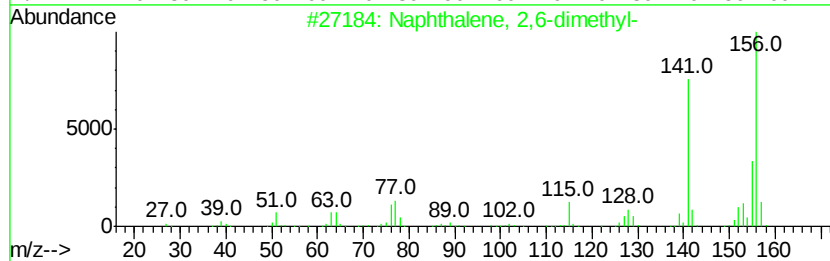
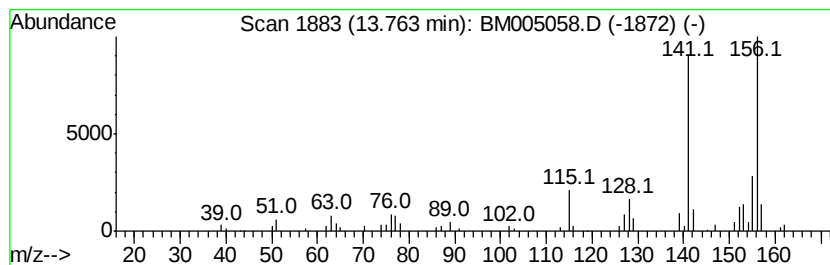
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.37 ng/ul	204499	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M0

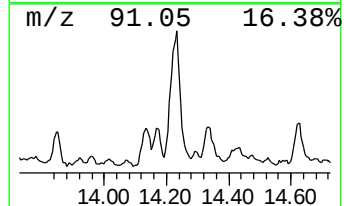
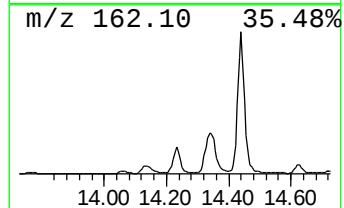
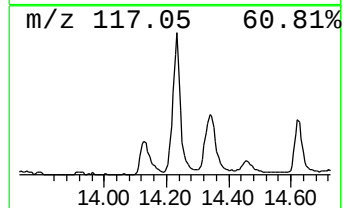
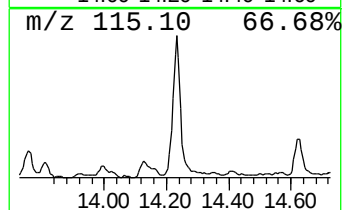
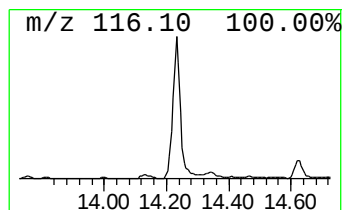
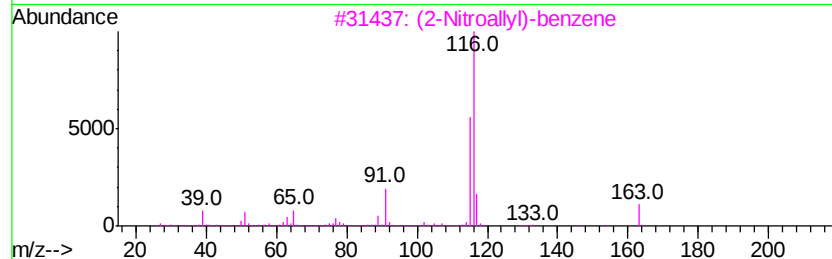
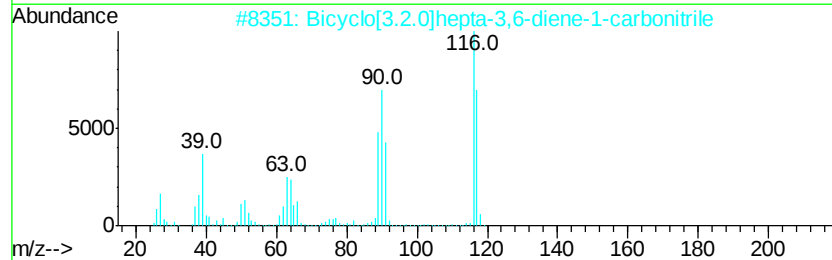
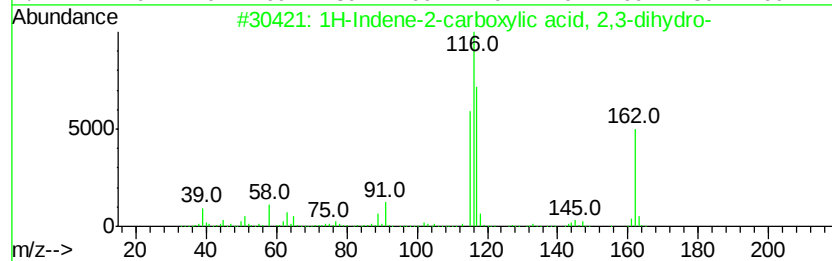
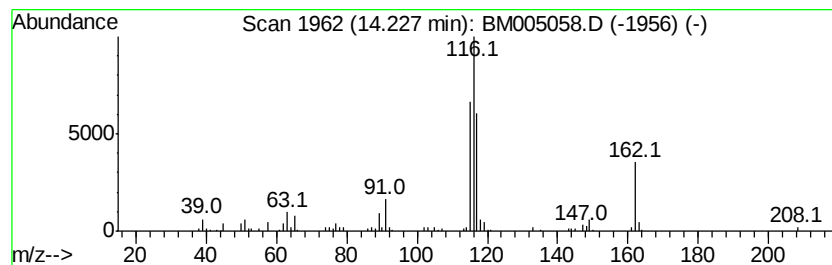
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1H-Indene-2-carboxylic acid... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	10.08 ng/ul	323565	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-2-carboxylic acid, 2,3...	162	C10H10O2	025177-85-9	52
2		Bicyclo[3.2.0]hepta-3,6-diene-1-...	117	C8H7N	074212-80-9	50
3		(2-Nitroallyl)-benzene	163	C9H9NO2	062811-39-6	50
4		.alpha.-Methylcinnamic acid	162	C10H10O2	001199-77-5	47
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005058.D
Acq On : 25 Apr 2016 22:52
Operator : UM/SJ
Sample : H2584-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M0

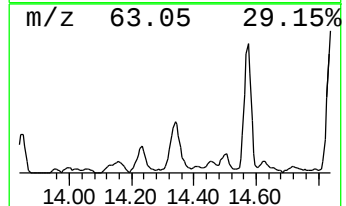
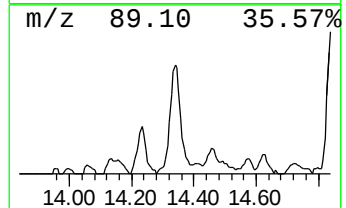
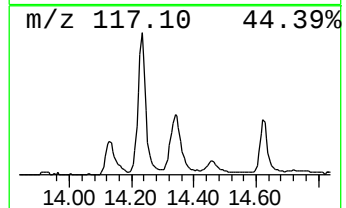
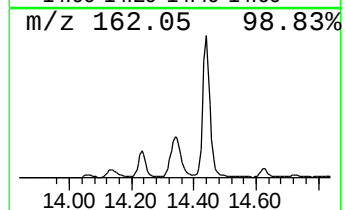
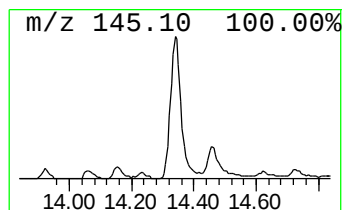
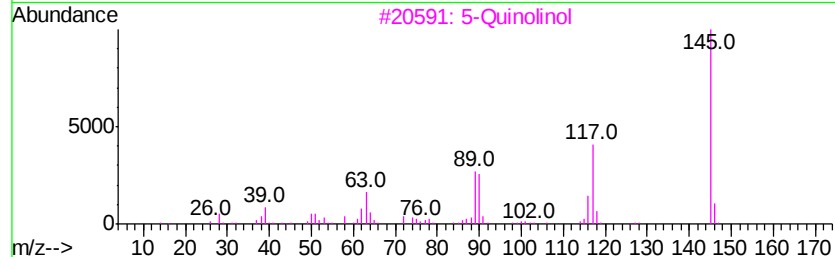
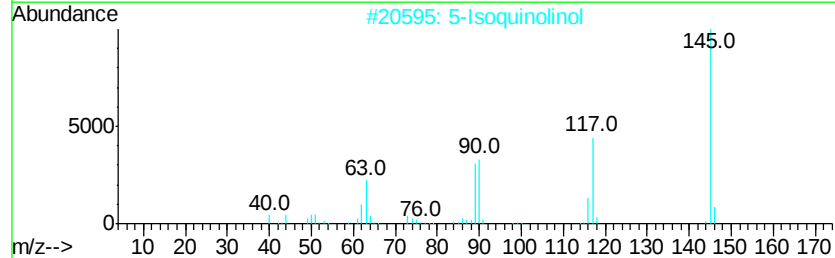
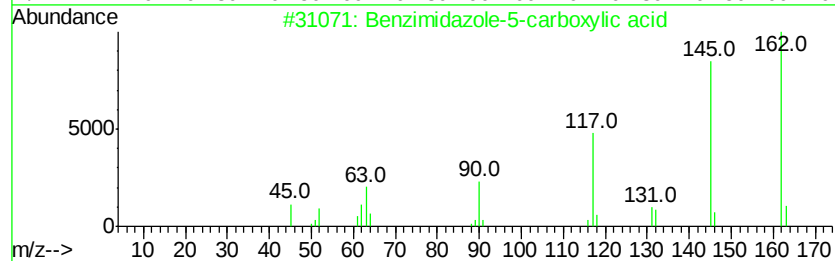
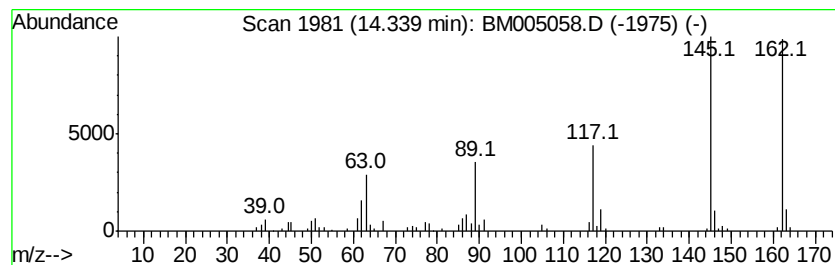
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzimidazole-5-carboxylic ... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	8.28 ng/ul	265854	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzimidazole-5-carboxylic acid	162	C8H6N2O2	015788-16-6	72
2		5-Isoquinolinol	145	C9H7NO	002439-04-5	50
3		5-Quinolinol	145	C9H7NO	000578-67-6	49
4		Benzofuran-2-carboxylic acid	162	C9H6O3	000496-41-3	49
5		8-Hydroxyquinoline	145	C9H7NO	000148-24-3	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
 Data File : BM005058.D
 Acq On : 25 Apr 2016 22:52
 Operator : UM/SJ
 Sample : H2584-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid	6.88	35.7	ng/ul	276438	1	7.80	154758	20.0
Benzene, 1,2,3-tr...	7.45	33.1	ng/ul	255934	1	7.80	154758	20.0
Benzofuran	7.52	43.6	ng/ul	337684	1	7.80	154758	20.0
Indane	8.17	228.5	ng/ul	1767790	1	7.80	154758	20.0
Indene	8.33	17.0	ng/ul	131247	1	7.80	154758	20.0
Benzofuran, 7-met...	9.15	29.2	ng/ul	226222	1	7.80	154758	20.0
Benzofuran, 2-met...	9.27	38.8	ng/ul	555679	2	10.60	286330	20.0
3-Phenylbut-1-ene	9.84	11.5	ng/ul	164015	2	10.60	286330	20.0
Benzoic Acid	9.92	25.0	ng/ul	358268	2	10.60	286330	20.0
1-Phenyl-1-butene	9.99	25.3	ng/ul	362631	2	10.60	286330	20.0
3-Methyl-2-thioph...	11.12	7.6	ng/ul	109050	2	10.60	286330	20.0
Nonanoic acid	11.41	11.3	ng/ul	162237	2	10.60	286330	20.0
Thieno[2,3-c]pyri...	11.72	16.3	ng/ul	232972	2	10.60	286330	20.0
Benzo[b]thiophene...	12.15	7.5	ng/ul	106778	2	10.60	286330	20.0
Benzo[b]thiophene...	12.37	8.4	ng/ul	120302	2	10.60	286330	20.0
Naphthalene, 1-me...	12.47	105.9	ng/ul	1515660	2	10.60	286330	20.0
1(3H)-Isobenzofur...	12.84	3.3	ng/ul	105154	3	14.44	641978	20.0
1H-Indene-4-carbo...	12.89	3.5	ng/ul	113791	3	14.44	641978	20.0
Hydroxytoluic Acid	12.96	3.9	ng/ul	124257	3	14.44	641978	20.0
Benzoic acid, 3,4...	13.20	4.5	ng/ul	144100	3	14.44	641978	20.0
4H-1-Benzopyran-4...	13.45	5.2	ng/ul	166861	3	14.44	641978	20.0
7-Methylindan-1-one	13.57	2.8	ng/ul	88643	3	14.44	641978	20.0
Naphthalene, 2,7-...	13.62	7.8	ng/ul	251544	3	14.44	641978	20.0
Naphthalene, 2,6-...	13.76	6.4	ng/ul	204499	3	14.44	641978	20.0
1H-Indene-2-carbo...	14.23	10.1	ng/ul	323565	3	14.44	641978	20.0
Benzimidazole-5-c...	14.34	8.3	ng/ul	265854	3	14.44	641978	20.0