

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017972.D
 Acq On : 06 Dec 2018 18:26
 Operator : JU/SJ
 Sample : J6137-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9J02

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	3.169	28	31	37	rVB6	6951	11416	0.45%	0.043%
2	3.481	82	84	87	rVV3	2789	2656	0.10%	0.010%
3	3.634	106	110	111	rVB4	2437	2670	0.10%	0.010%
4	3.757	127	131	133	rBV4	3712	4868	0.19%	0.018%
5	3.857	144	148	152	rVB3	7273	9937	0.39%	0.037%
6	3.946	161	163	167	rVB4	3330	4057	0.16%	0.015%
7	4.004	170	173	175	rBV4	2848	3248	0.13%	0.012%
8	4.087	183	187	190	rVB4	2376	2993	0.12%	0.011%
9	4.210	206	208	212	rVB4	2991	2768	0.11%	0.010%
10	4.252	212	215	219	rVB5	2302	2892	0.11%	0.011%
11	4.346	228	231	234	rBV4	2448	2613	0.10%	0.010%
12	4.522	259	261	265	rVB4	3525	2793	0.11%	0.010%
13	5.116	357	362	366	rBV2	7128	11673	0.46%	0.044%
14	5.246	380	384	387	rBV2	8742	14863	0.58%	0.056%
15	5.604	441	445	450	rVB4	8363	14797	0.58%	0.056%
16	5.651	450	453	455	rBV4	2283	2932	0.12%	0.011%
17	5.722	461	465	468	rVB2	2376	3807	0.15%	0.014%
18	6.322	566	567	571	rBV2	2631	3330	0.13%	0.012%
19	6.398	576	580	582	rVB4	2464	3672	0.14%	0.014%
20	6.610	613	616	620	rBV5	2165	3714	0.15%	0.014%
21	6.757	634	641	653	rVB2	67736	184272	7.23%	0.691%
22	6.910	660	667	680	rBV	320282	538686	21.13%	2.021%
23	7.098	692	699	713	rBV	360332	625377	24.53%	2.346%
24	7.204	713	717	722	rVB3	10194	17392	0.68%	0.065%
25	7.287	727	731	739	rVB5	8443	14392	0.56%	0.054%
26	7.563	770	778	787	rVV	411127	692505	27.16%	2.598%
27	7.628	787	789	792	rVV2	2841	2876	0.11%	0.011%
28	7.663	792	795	800	rVV3	4306	6623	0.26%	0.025%
29	7.922	832	839	847	rVB2	66792	106382	4.17%	0.399%
30	8.087	862	867	876	rVV	70222	123098	4.83%	0.462%
31	8.175	876	882	883	rVB3	2822	3452	0.14%	0.013%
32	8.275	891	899	911	rBV	214971	408455	16.02%	1.533%
33	8.392	916	919	922	rVB2	2533	2896	0.11%	0.011%
34	8.639	958	961	963	rVV3	2556	2801	0.11%	0.011%

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35	8.716	967	974	989	rVV	376616	670759	26.31%	2.517%
36	8.822	991	992	995	rVV3	3111	3238	0.13%	0.012%
37	8.892	1000	1004	1011	rBV3	7509	13300	0.52%	0.050%
38	9.022	1020	1026	1033	rBV4	18102	36689	1.44%	0.138%
39	9.092	1033	1038	1045	rVB5	7703	15440	0.61%	0.058%
40	9.428	1088	1095	1105	rBV	318405	550906	21.61%	2.067%
41	9.728	1142	1146	1148	rBV2	2986	4541	0.18%	0.017%
42	9.763	1150	1152	1156	rVB3	3284	2662	0.10%	0.010%
43	9.969	1180	1187	1214	rBV	259770	778604	30.54%	2.921%
44	10.328	1240	1248	1252	rBV	574500	1005964	39.46%	3.774%
45	10.375	1252	1256	1267	rVV	1156272	1923630	75.46%	7.218%
46	10.498	1271	1277	1288	rVB	69785	128068	5.02%	0.481%
47	11.951	1519	1524	1526	rVV3	4685	6800	0.27%	0.026%
48	12.022	1530	1536	1548	rVB2	30945	72583	2.85%	0.272%
49	12.239	1565	1573	1582	rVV2	27161	56422	2.21%	0.212%
50	13.045	1707	1710	1715	rBV3	3136	6275	0.25%	0.024%
51	13.633	1804	1810	1824	rBV	741953	1208947	47.42%	4.536%
52	13.739	1824	1828	1834	rVB4	22794	29665	1.16%	0.111%
53	13.898	1848	1855	1871	rBV	957217	1475644	57.88%	5.537%
54	14.033	1875	1878	1882	rVB3	2466	2555	0.10%	0.010%
55	14.210	1901	1908	1916	rBV2	749947	1174166	46.06%	4.406%
56	14.274	1916	1919	1924	rVB2	21890	30015	1.18%	0.113%
57	14.398	1938	1940	1944	rVB3	3106	3839	0.15%	0.014%
58	14.521	1954	1961	1962	rBV3	7345	7769	0.30%	0.029%
59	14.627	1975	1979	1983	rVB3	11112	18577	0.73%	0.070%
60	14.986	2036	2040	2044	rBV3	7096	10434	0.41%	0.039%
61	15.074	2053	2055	2059	rVB4	2904	3675	0.14%	0.014%
62	15.210	2072	2078	2097	rVV	1136994	1836560	72.04%	6.891%
63	15.357	2097	2103	2117	rVV	234397	458437	17.98%	1.720%
64	15.457	2117	2120	2125	rVV3	16706	25649	1.01%	0.096%
65	16.451	2286	2289	2293	rVV3	2761	3815	0.15%	0.014%
66	16.892	2361	2364	2366	rBV3	2528	2592	0.10%	0.010%
67	16.968	2371	2377	2387	rVV2	860672	1263640	49.57%	4.741%
68	17.068	2387	2394	2412	rVB2	1190314	1937448	76.00%	7.269%
69	17.274	2426	2429	2433	rVB3	2932	4238	0.17%	0.016%
70	17.421	2450	2454	2456	rBV4	7486	10907	0.43%	0.041%
71	17.451	2456	2459	2463	rVB2	6602	9930	0.39%	0.037%

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72	17.874	2527	2531	2541	rVV	75734	144484	5.67%	0.542%
73	17.951	2543	2544	2547	rVV	9735	8562	0.34%	0.032%
74	18.004	2551	2553	2556	rVV4	4181	4581	0.18%	0.017%
75	18.039	2557	2559	2564	rVV3	3386	6128	0.24%	0.023%
76	18.092	2566	2568	2570	rVB2	4739	3715	0.15%	0.014%
77	18.368	2613	2615	2622	rVB5	2399	3134	0.12%	0.012%
78	18.721	2673	2675	2677	rVB2	3434	2565	0.10%	0.010%
79	18.751	2677	2680	2684	rBV5	5913	9041	0.35%	0.034%
80	18.868	2698	2700	2702	rBV3	3315	3062	0.12%	0.011%
81	19.015	2719	2725	2728	rBV2	12952	21820	0.86%	0.082%
82	19.168	2747	2751	2758	rBV3	50455	84911	3.33%	0.319%
83	19.262	2763	2767	2772	rVV3	11896	19615	0.77%	0.074%
84	19.374	2780	2786	2796	rBV	1559947	2177189	85.40%	8.169%
85	19.639	2827	2831	2833	rVB4	6659	8774	0.34%	0.033%
86	19.703	2840	2842	2843	rBV2	5049	3558	0.14%	0.013%
87	20.903	3042	3046	3051	rBV	108953	138581	5.44%	0.520%
88	21.180	3088	3093	3107	rBV	1040406	1524965	59.82%	5.722%
89	21.345	3118	3121	3124	rVB3	56541	59593	2.34%	0.224%
90	21.768	3190	3193	3197	rBV2	85892	100090	3.93%	0.376%
91	22.215	3266	3269	3275	rVB2	160064	188622	7.40%	0.708%
92	22.703	3349	3352	3357	rVB	166555	232543	9.12%	0.873%
93	23.221	3433	3440	3455	rBV	1209220	2549333	100.00%	9.565%
94	23.356	3457	3463	3476	rVB2	717789	1471238	57.71%	5.520%
95	23.862	3545	3549	3555	rVB	147918	250755	9.84%	0.941%

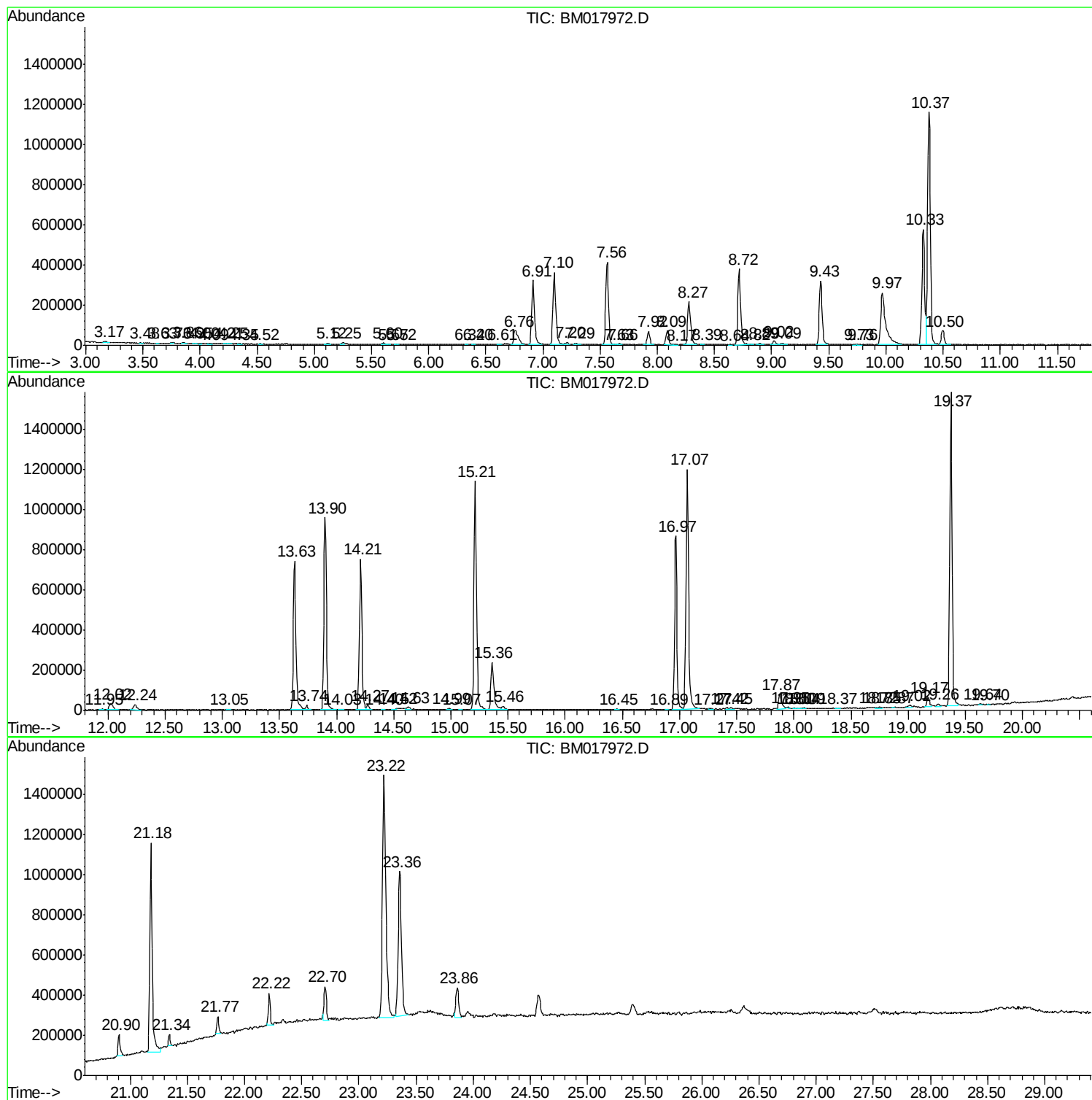
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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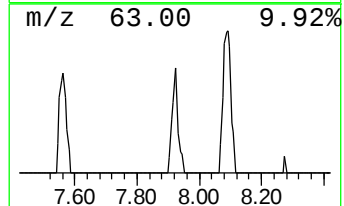
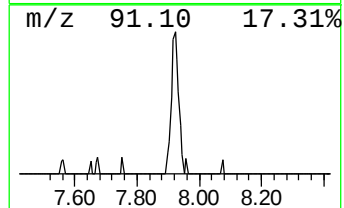
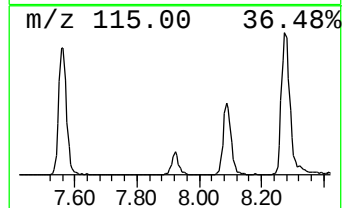
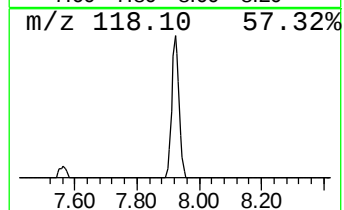
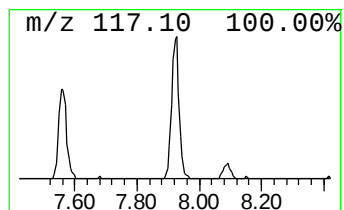
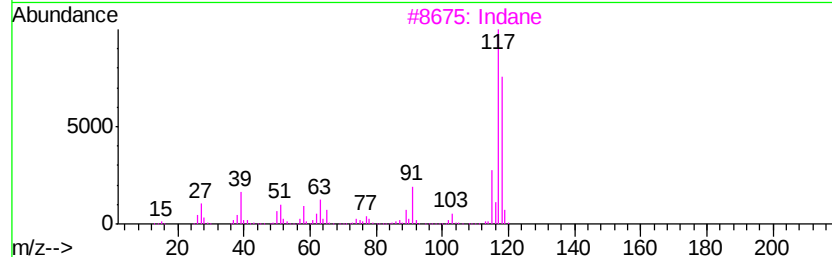
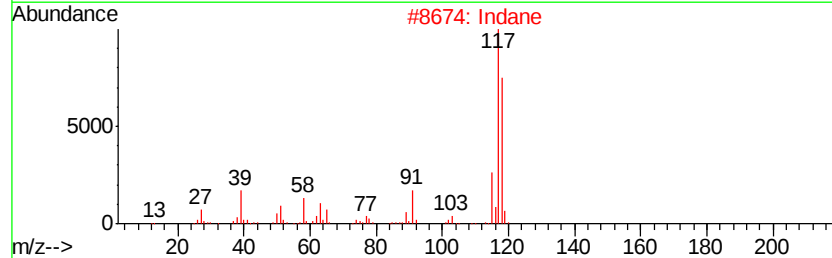
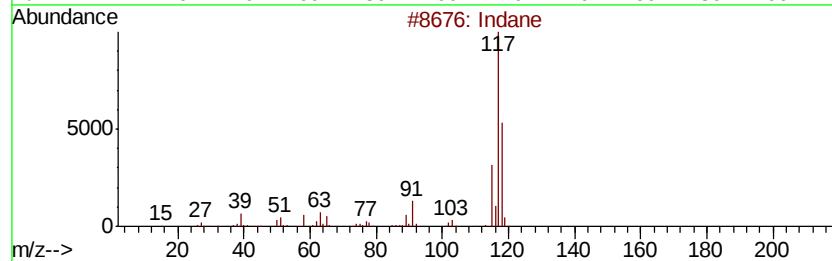
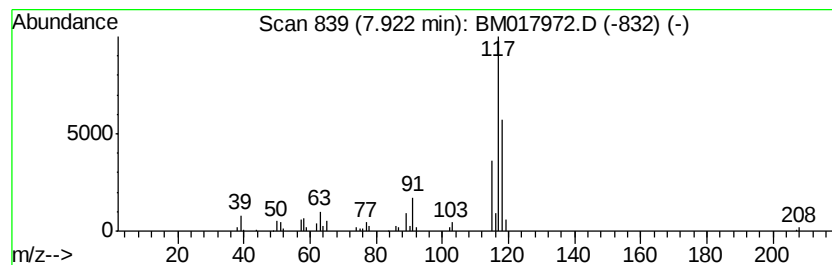
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.07 ng/ul	106382	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	81
4		Indane	118	C9H10	000496-11-7	81
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	74



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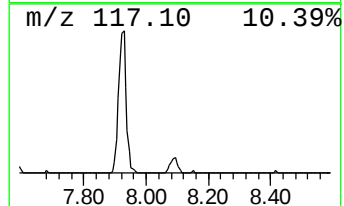
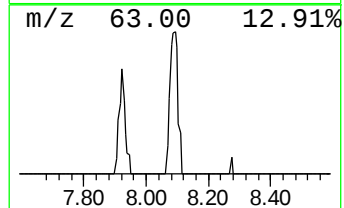
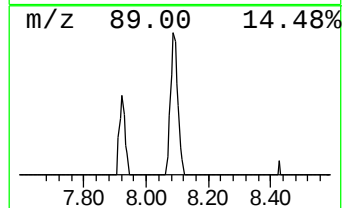
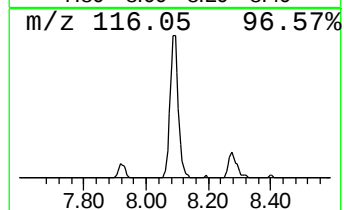
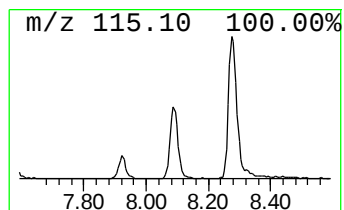
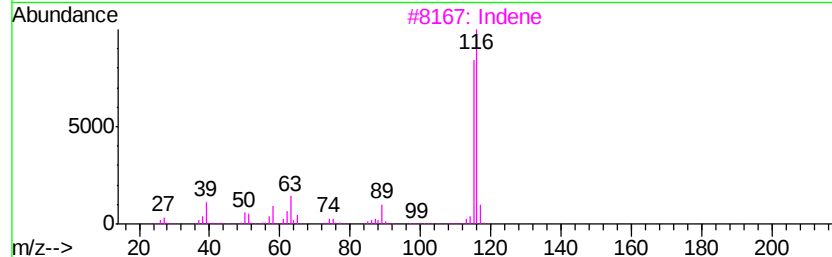
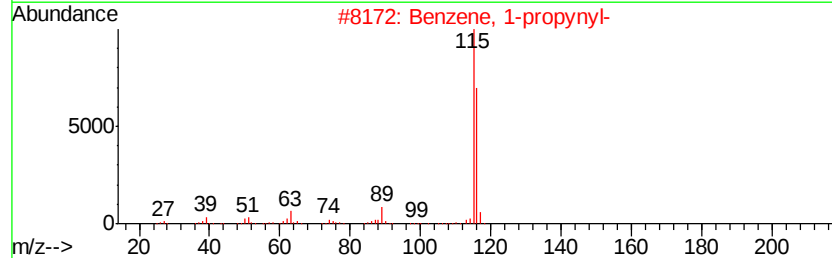
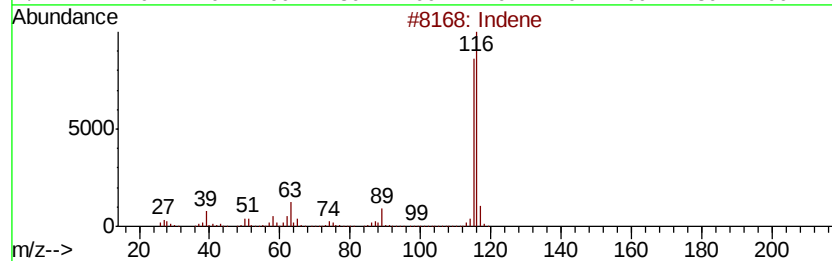
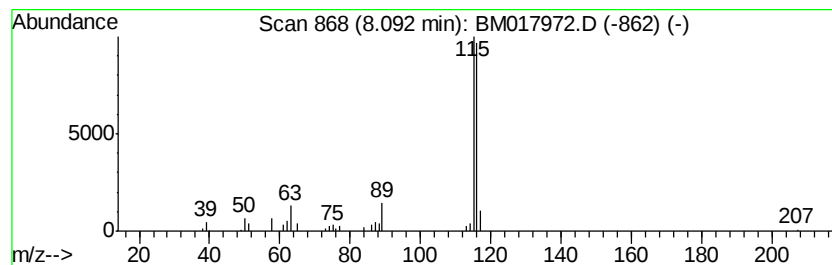
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	3.56 ng/ul	123098	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3		Indene	116	C9H8	000095-13-6	94
4		Indene	116	C9H8	000095-13-6	91
5		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91



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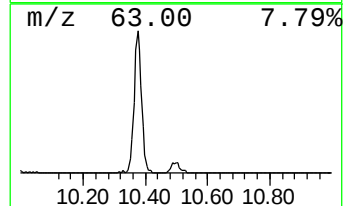
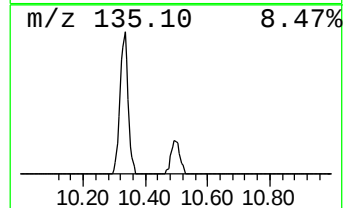
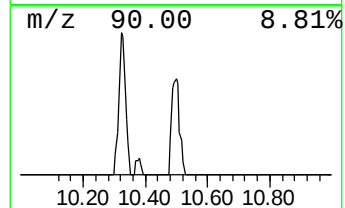
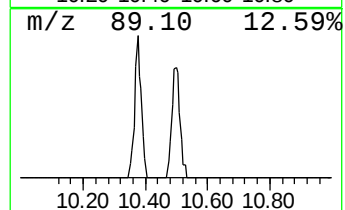
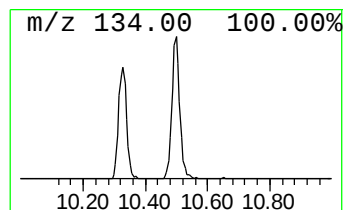
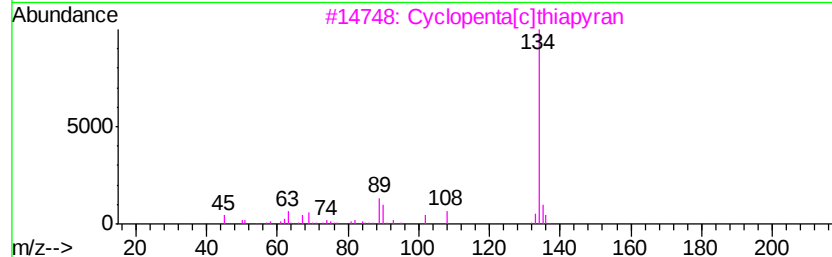
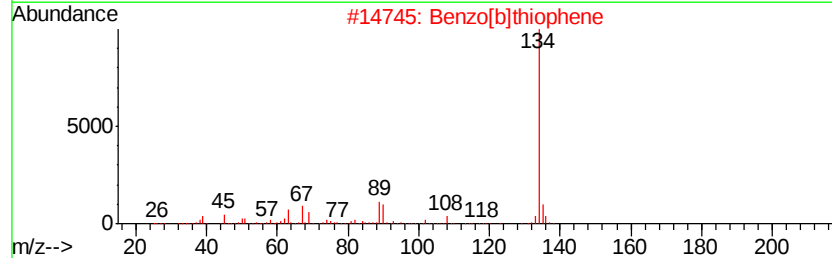
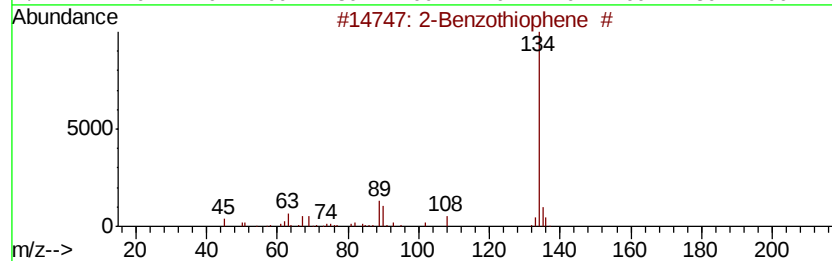
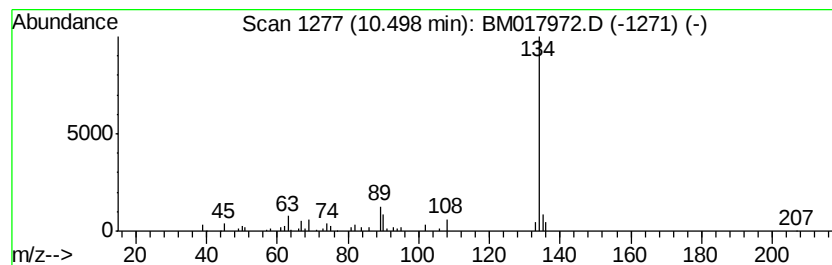
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Peak Number 3 2-Benzothiophene # Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.55 ng/ul	128068	Napthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	90



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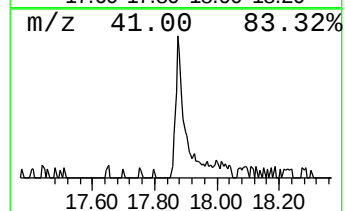
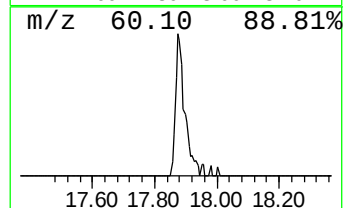
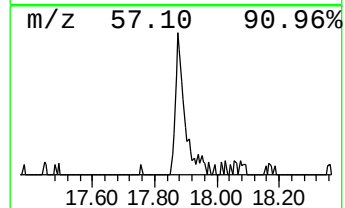
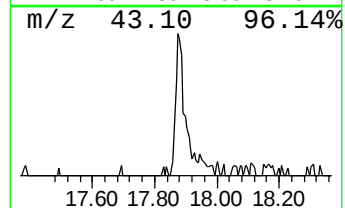
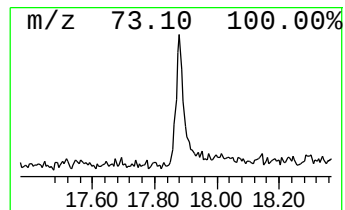
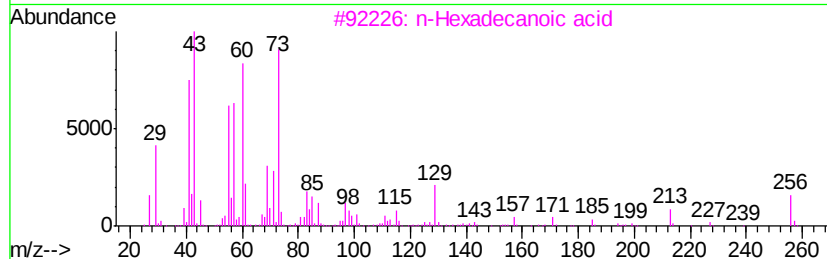
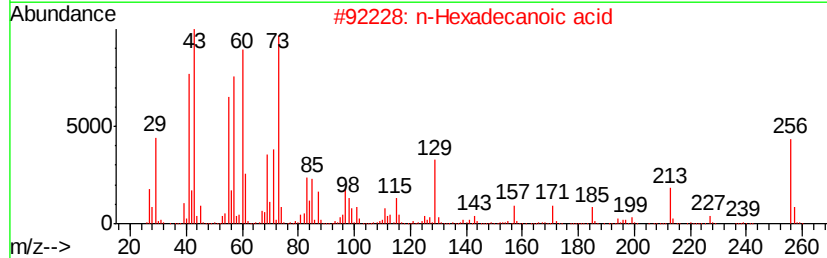
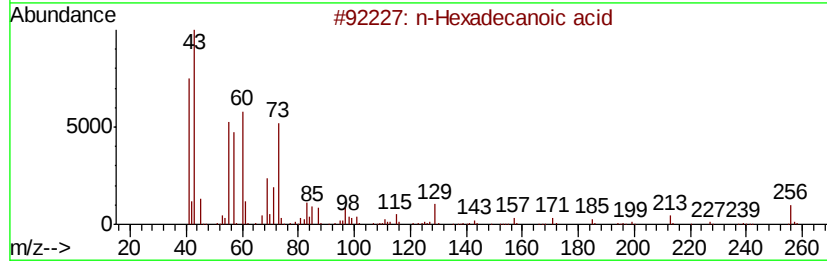
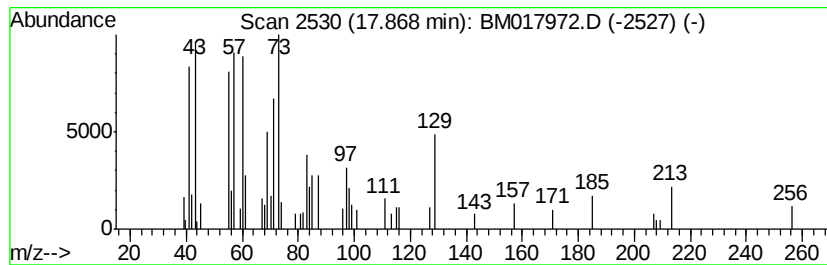
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	2.29 ng/ul	144484	Phenanthrene-d10		16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017972.D
Acq On : 06 Dec 2018 18:26
Operator : JU/SJ
Sample : J6137-04
Misc :
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Instrument :
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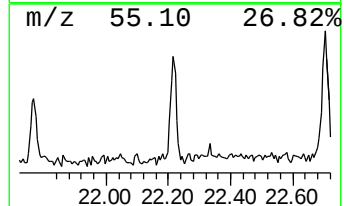
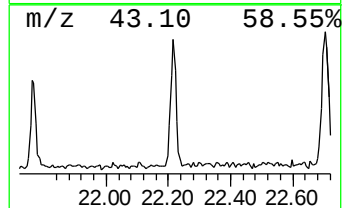
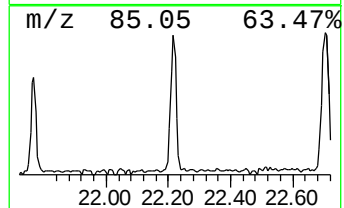
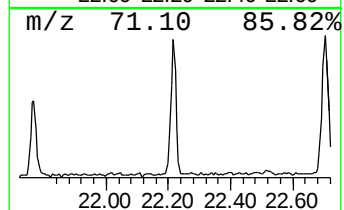
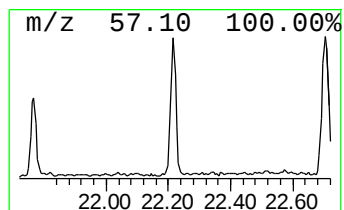
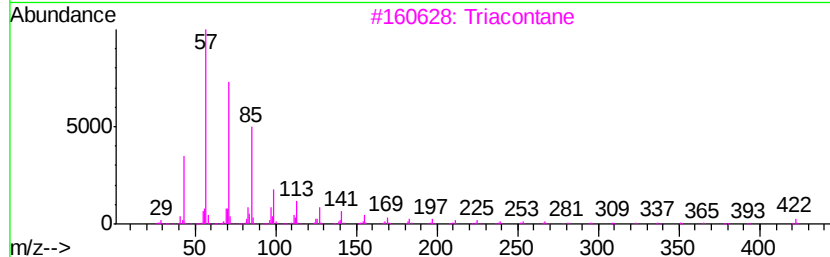
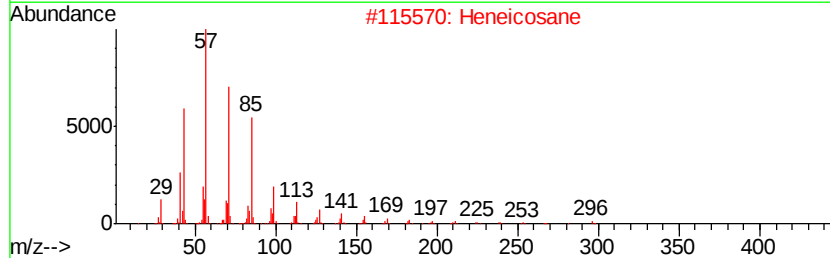
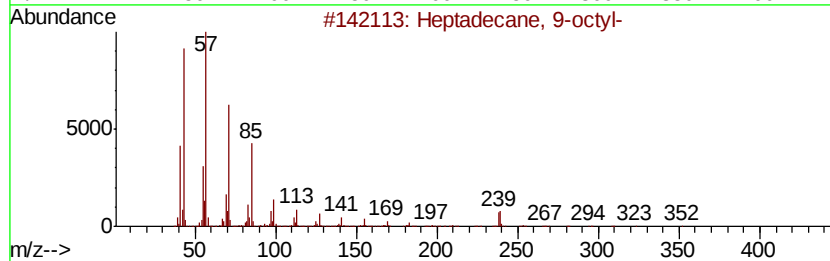
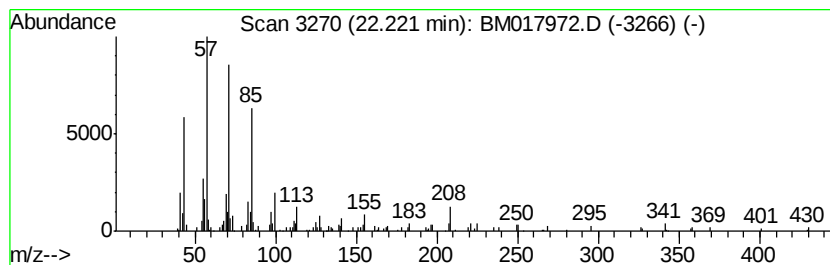
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.47 ng/ul	188622	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017972.D
Acq On : 06 Dec 2018 18:26
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Sample : J6137-04
Misc :
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Instrument :
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ClientSampleId :
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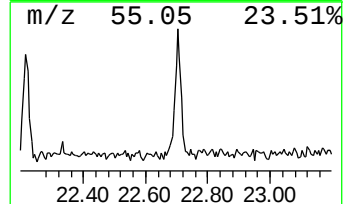
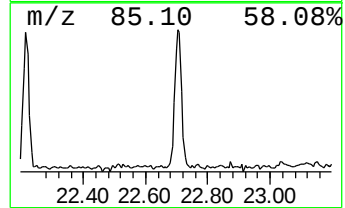
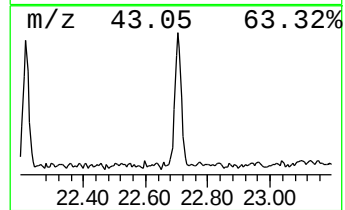
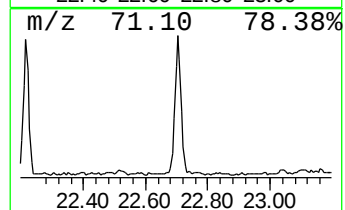
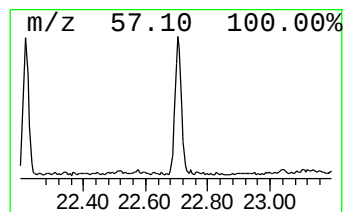
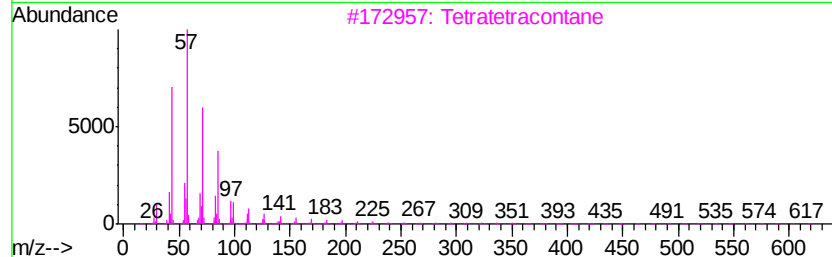
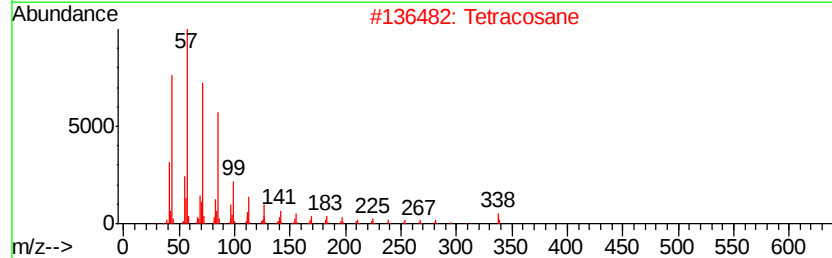
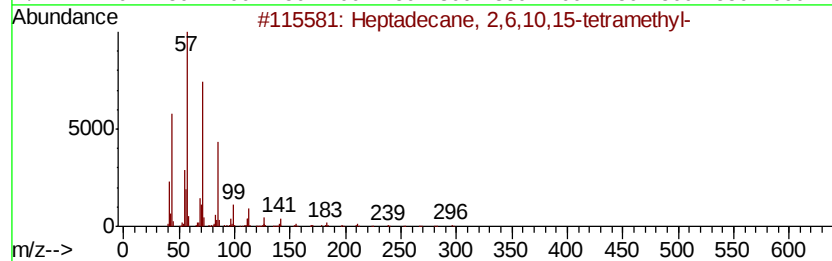
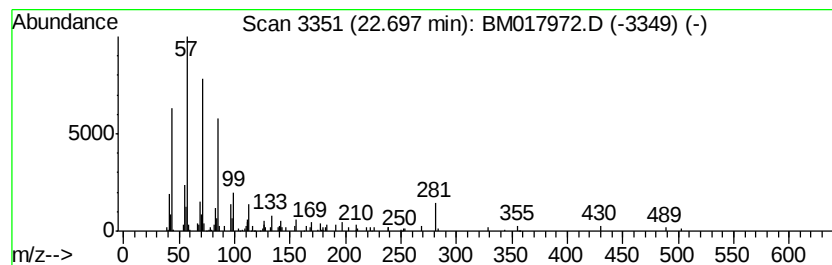
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.16 ng/ul	232543	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017972.D
Acq On : 06 Dec 2018 18:26
Operator : JU/SJ
Sample : J6137-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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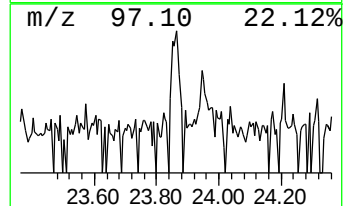
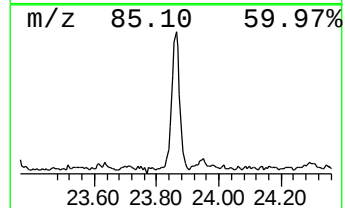
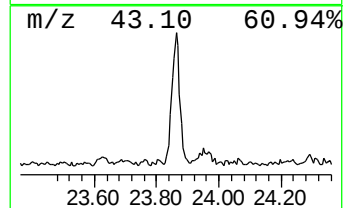
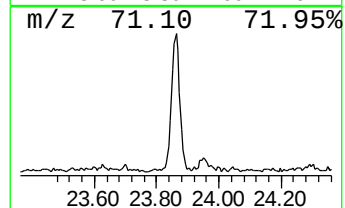
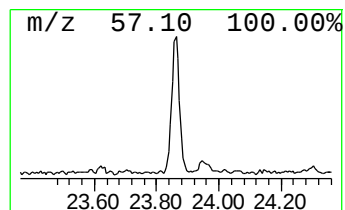
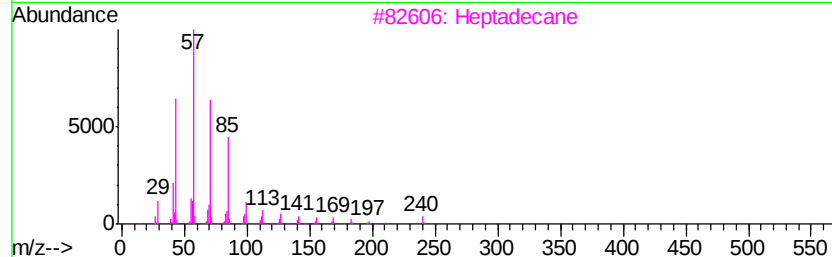
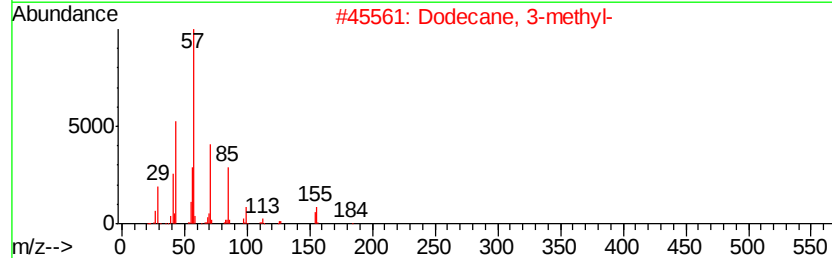
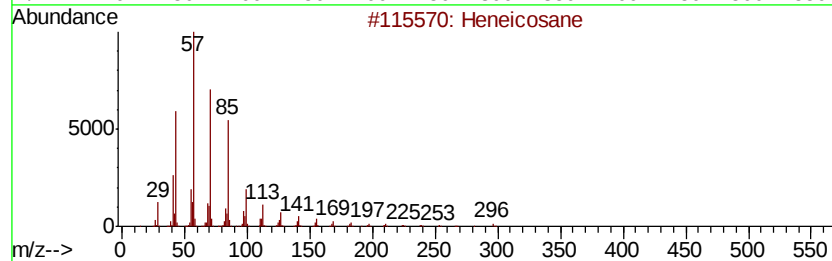
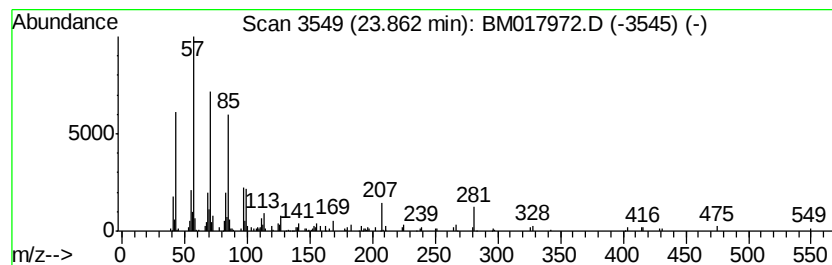
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.41 ng/ul	250755	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3		Heptadecane	240	C17H36	000629-78-7	52
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5		Nonadecane	268	C19H40	000629-92-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM017972.D
Acq On : 06 Dec 2018 18:26
Operator : JU/SJ
Sample : J6137-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
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Indene	8.09	3.6	ng/ul	123098	1	7.56	692505	20.0
2-Benzothiophene #	10.50	2.5	ng/ul	128068	2	10.33	1005960	20.0
n-Hexadecanoic acid	17.87	2.3	ng/ul	144484	4	16.97	1263640	20.0
(DEL) Alkane: Str...	22.22	2.5	ng/ul	188622	5	21.18	1524970	20.0
(DEL) Alkane: Str...	22.70	3.2	ng/ul	232543	6	23.36	1471240	20.0
(DEL) Alkane: Str...	23.86	3.4	ng/ul	250755	6	23.36	1471240	20.0