

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
 Data File : BM017063.D
 Acq On : 08 Oct 2018 12:14
 Operator : MJ/SJ
 Sample : J5230-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3YX2

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-BM100418MA.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	3.281	47	50	56	rVB	168000	203969	2.23%	0.129%
2	4.857	314	318	325	rVB	474910	625507	6.85%	0.395%
3	6.851	650	657	662	rBV2	1328768	3282673	35.96%	2.074%
4	6.898	662	665	674	rVB	1314593	1927028	21.11%	1.218%
5	7.039	683	689	704	rVB	741014	1112461	12.19%	0.703%
6	7.228	715	721	724	rBV	898209	1465308	16.05%	0.926%
7	7.263	724	727	733	rVB	816073	1180280	12.93%	0.746%
8	7.692	794	800	808	rVV	755654	1209646	13.25%	0.764%
9	7.757	809	811	818	rVB2	15663	24499	0.27%	0.015%
10	8.398	914	920	931	rBV	1022208	1640305	17.97%	1.036%
11	8.498	931	937	947	rVV	846760	1254617	13.74%	0.793%
12	8.845	989	996	1000	rBV	885497	1453114	15.92%	0.918%
13	8.892	1000	1004	1013	rVB	673527	1056314	11.57%	0.667%
14	9.263	1061	1067	1072	rVB3	17117	26478	0.29%	0.017%
15	9.563	1110	1118	1121	rBV	629797	1103621	12.09%	0.697%
16	9.592	1121	1123	1133	rVB	576599	791561	8.67%	0.500%
17	10.098	1202	1209	1211	rBV	1163740	2110528	23.12%	1.334%
18	10.333	1244	1249	1253	rVB4	7066	10831	0.12%	0.007%
19	10.474	1263	1273	1277	rBV	1102493	2039713	22.34%	1.289%
20	10.522	1277	1281	1288	rVV	1034662	1672254	18.32%	1.057%
21	10.610	1290	1296	1311	rVB	748253	1316902	14.43%	0.832%
22	10.804	1322	1329	1336	rVB	1205688	1873481	20.52%	1.184%
23	11.757	1484	1491	1509	rBV	1686197	2737869	29.99%	1.730%
24	12.010	1527	1534	1539	rBV2	25071	39615	0.43%	0.025%
25	12.063	1539	1543	1548	rVB3	18633	29044	0.32%	0.018%
26	12.357	1585	1593	1602	rBV	1642243	2558995	28.03%	1.617%
27	12.510	1612	1619	1626	rBV	1152635	1745506	19.12%	1.103%
28	12.586	1626	1632	1635	rVB4	9328	12419	0.14%	0.008%
29	12.751	1654	1660	1667	rBV	1640621	2467487	27.03%	1.559%
30	12.810	1667	1670	1679	rVB3	34389	54227	0.59%	0.034%
31	13.163	1723	1730	1734	rVV	2418265	3591203	39.34%	2.269%
32	13.198	1734	1736	1744	rVB	1128782	1514372	16.59%	0.957%
33	13.704	1816	1822	1824	rBV	38201	48482	0.53%	0.031%
34	13.751	1824	1830	1834	rVV	1812560	2565339	28.10%	1.621%

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35	13.798	1834	1838	1846	rVB	1407491	1853741	20.31%	1.171%
36	13.915	1852	1858	1864	rBV	877789	1114791	12.21%	0.704%
37	14.027	1866	1877	1885	rVV	2246224	3350700	36.70%	2.117%
38	14.245	1908	1914	1919	rVB2	16881	22489	0.25%	0.014%
39	14.333	1922	1929	1935	rVV2	1521063	2340015	25.63%	1.479%
40	14.398	1935	1940	1947	rVB	1970377	2800736	30.68%	1.770%
41	14.545	1955	1965	1980	rBV2	1084206	2050987	22.47%	1.296%
42	14.733	1991	1997	2004	rVB	1441400	1982274	21.71%	1.253%
43	14.962	2027	2036	2048	rBV	1070714	1473905	16.15%	0.931%
44	15.139	2062	2066	2071	rBV3	8446	15289	0.17%	0.010%
45	15.198	2071	2076	2081	rVV	58685	72410	0.79%	0.046%
46	15.327	2092	2098	2103	rBV	2823320	4068454	44.57%	2.571%
47	15.386	2103	2108	2113	rVB	1254132	1682985	18.44%	1.063%
48	15.468	2113	2122	2132	rBV2	1191691	2092787	22.92%	1.322%
49	15.557	2132	2137	2144	rVV2	102368	176558	1.93%	0.112%
50	16.062	2218	2223	2226	rBV4	13830	18716	0.21%	0.012%
51	16.227	2246	2251	2256	rBV5	6962	11667	0.13%	0.007%
52	16.386	2272	2278	2287	rVB	1288019	1795442	19.67%	1.135%
53	16.462	2287	2291	2297	rBV4	12095	17806	0.20%	0.011%
54	16.733	2331	2337	2349	rBV	1477453	1997829	21.88%	1.262%
55	16.856	2354	2358	2363	rVV4	18891	35484	0.39%	0.022%
56	16.903	2363	2366	2372	rVB4	8826	14322	0.16%	0.009%
57	17.080	2389	2396	2400	rBV3	1973736	3247348	35.57%	2.052%
58	17.121	2400	2403	2408	rVV	1795385	2495496	27.34%	1.577%
59	17.180	2408	2413	2416	rVV2	3013129	4285677	46.95%	2.708%
60	17.215	2416	2419	2431	rVB	2191127	2875252	31.50%	1.817%
61	17.486	2459	2465	2472	rBV	1765066	2447384	26.81%	1.546%
62	17.562	2472	2478	2486	rVB	1420145	1720703	18.85%	1.087%
63	17.698	2497	2501	2505	rVB4	13008	17240	0.19%	0.011%
64	17.986	2545	2550	2556	rBV	103492	156361	1.71%	0.099%
65	18.056	2557	2562	2570	rVV	1408752	1770934	19.40%	1.119%
66	18.280	2597	2600	2604	rBV5	11810	15467	0.17%	0.010%
67	18.497	2634	2637	2641	rVB3	18257	23631	0.26%	0.015%
68	18.856	2694	2698	2701	rBV5	13731	21125	0.23%	0.013%
69	18.927	2705	2710	2715	rBV6	24443	50090	0.55%	0.032%
70	19.145	2738	2747	2757	rBV	4600963	6387714	69.97%	4.036%
71	19.268	2765	2768	2772	rBV3	37874	45826	0.50%	0.029%

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72	19.362	2780	2784	2786	rBV	26974	37470	0.41%	0.024%
73	19.480	2797	2804	2806	rBV	3641876	5122538	56.11%	3.237%
74	19.503	2806	2808	2818	rVB	3443535	4300532	47.11%	2.717%
75	19.621	2824	2828	2834	rVB5	38412	54390	0.60%	0.034%
76	20.039	2896	2899	2903	rVB3	29352	33912	0.37%	0.021%
77	20.415	2959	2963	2970	rBV	1191949	1369662	15.00%	0.865%
78	20.533	2981	2983	2988	rVB3	32089	32502	0.36%	0.021%
79	20.991	3057	3061	3069	rBV2	305962	515865	5.65%	0.326%
80	21.197	3091	3096	3101	rBV	1967205	2346381	25.70%	1.483%
81	21.262	3101	3107	3111	rVV2	5262262	9128909	100.00%	5.768%
82	21.309	3111	3115	3122	rVB	3381660	4344291	47.59%	2.745%
83	21.433	3133	3136	3142	rBV	192067	202844	2.22%	0.128%
84	21.868	3206	3210	3221	rBV	360268	518978	5.68%	0.328%
85	22.327	3283	3288	3293	rBV	635467	818532	8.97%	0.517%
86	22.827	3367	3373	3391	rVB	3608478	5745045	62.93%	3.630%
87	23.350	3455	3462	3466	rBV	2810635	5462946	59.84%	3.452%
88	23.397	3466	3470	3478	rVV2	3010218	5329487	58.38%	3.368%
89	23.491	3480	3486	3496	rVB	1743565	3289193	36.03%	2.078%
90	24.027	3572	3577	3585	rBV	604500	1123235	12.30%	0.710%
91	24.768	3698	3703	3717	rVB2	340837	767643	8.41%	0.485%
92	25.721	3855	3865	3882	rVB2	2944580	8417108	92.20%	5.319%

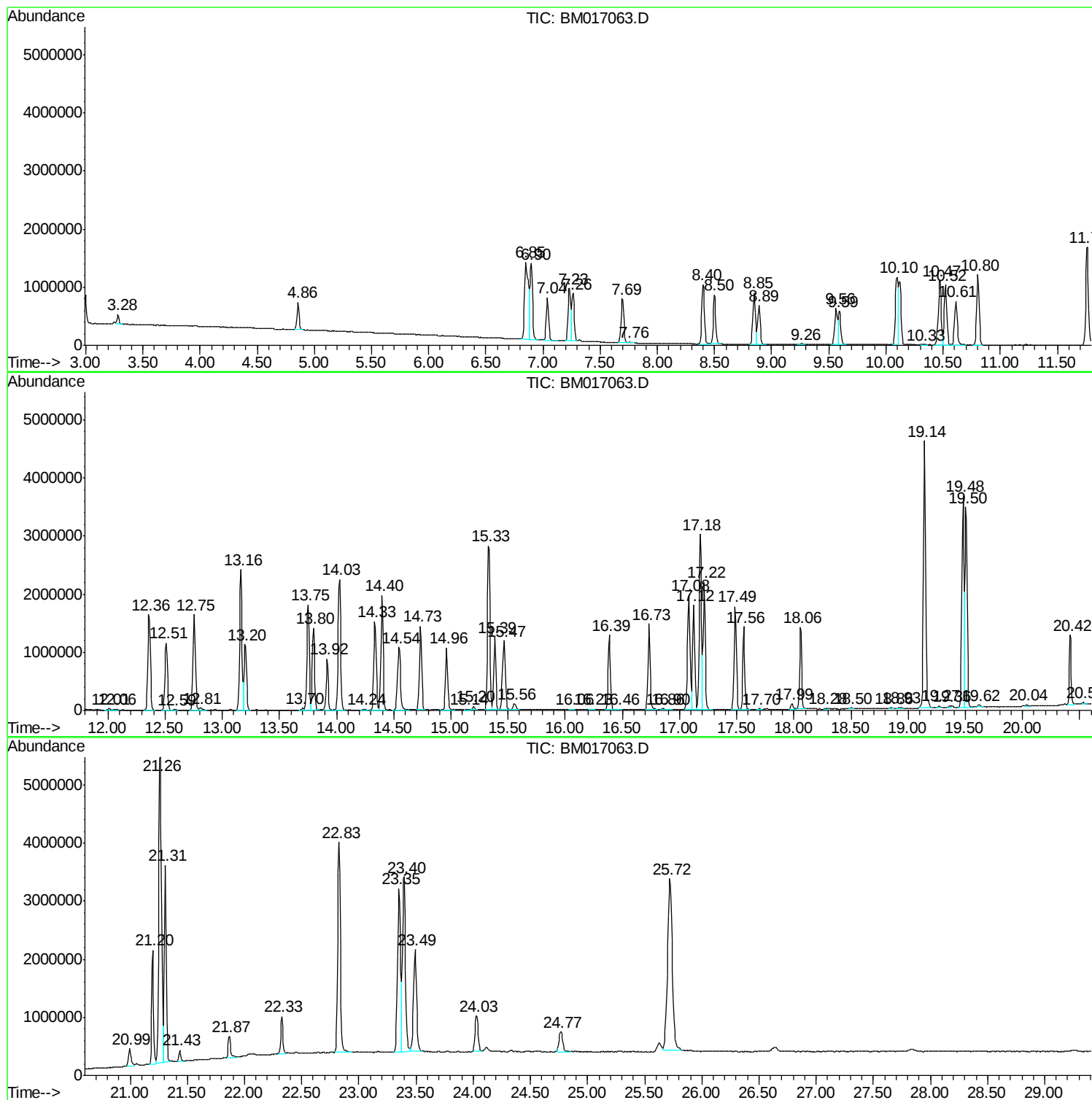
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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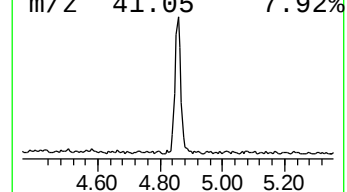
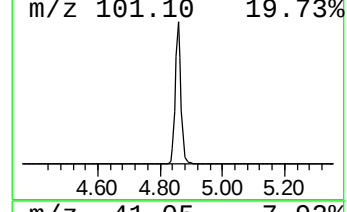
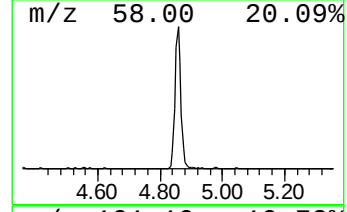
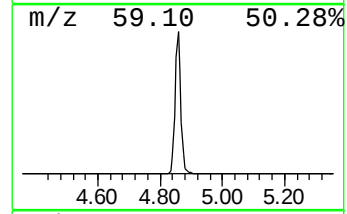
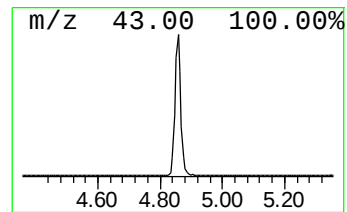
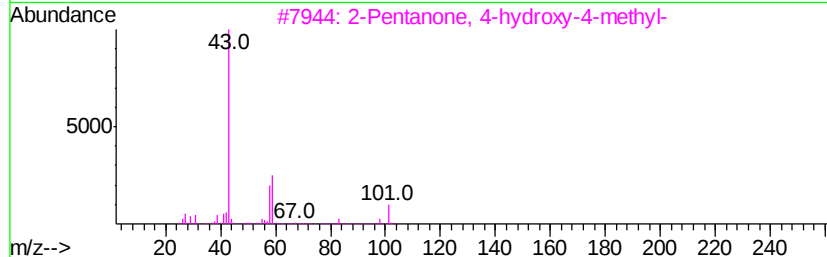
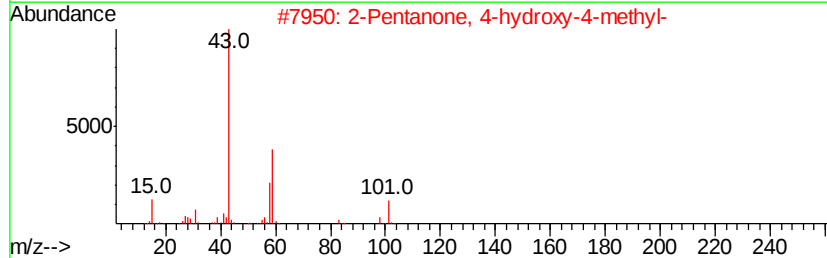
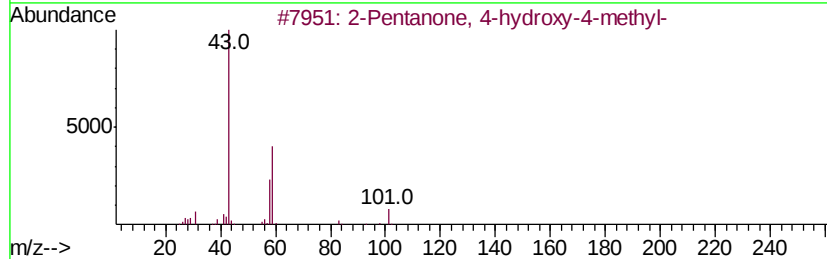
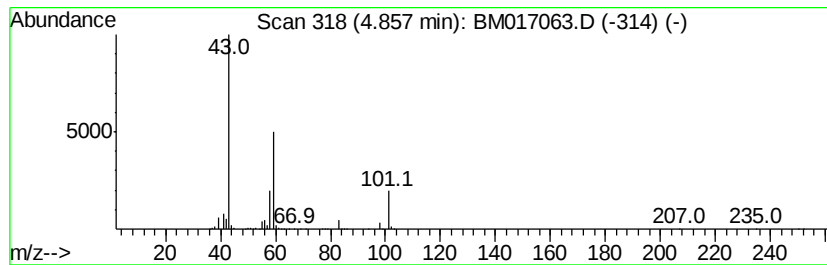
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	10.34 ng/ul	625507	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28		



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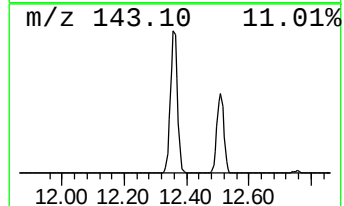
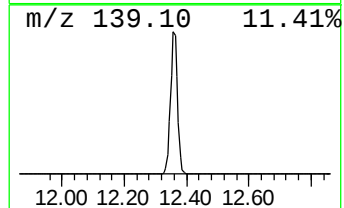
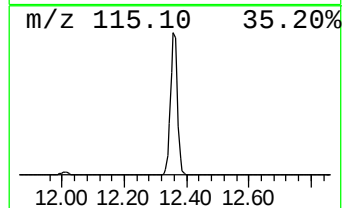
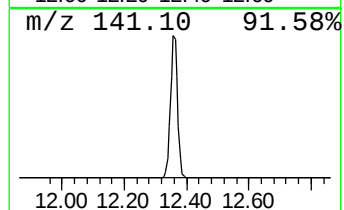
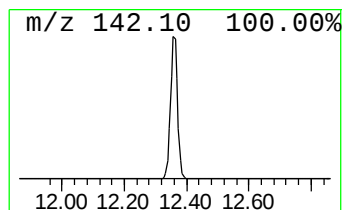
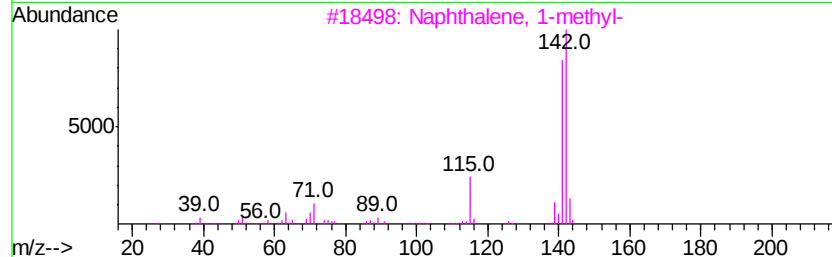
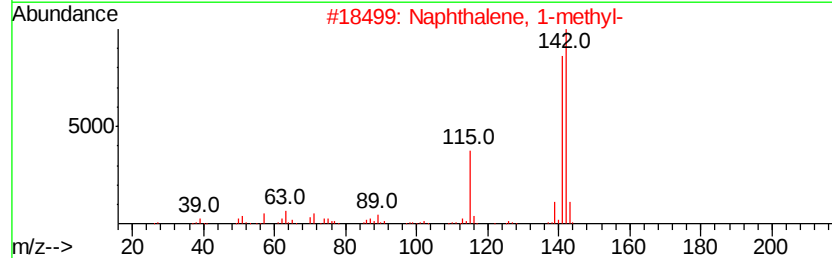
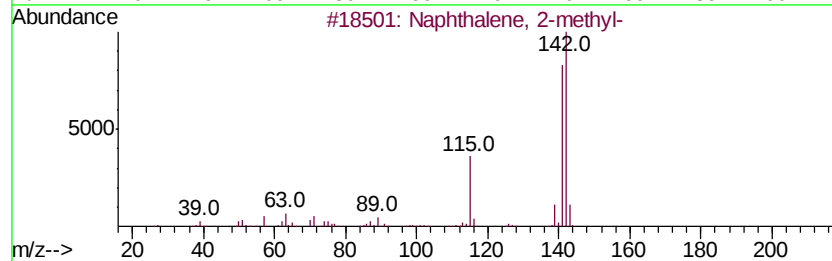
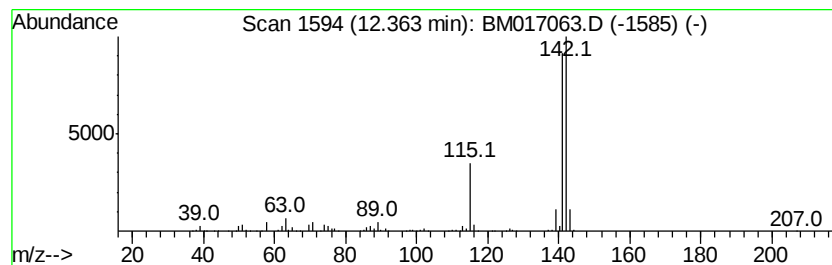
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	25.09 ng/ul	2559000	Naphthalene-d8	10.47

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



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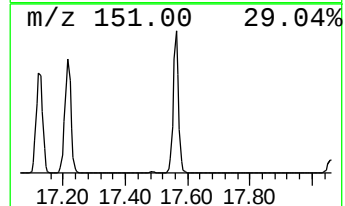
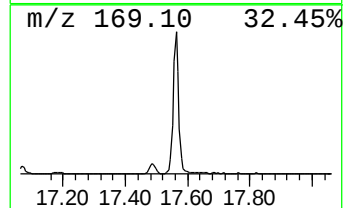
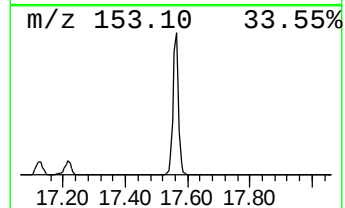
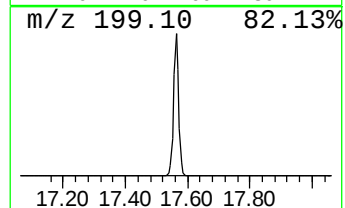
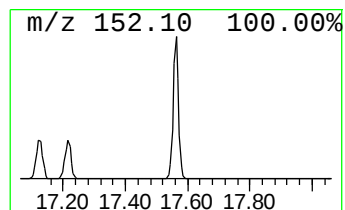
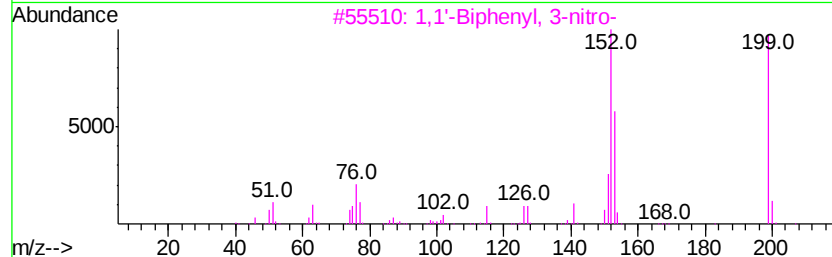
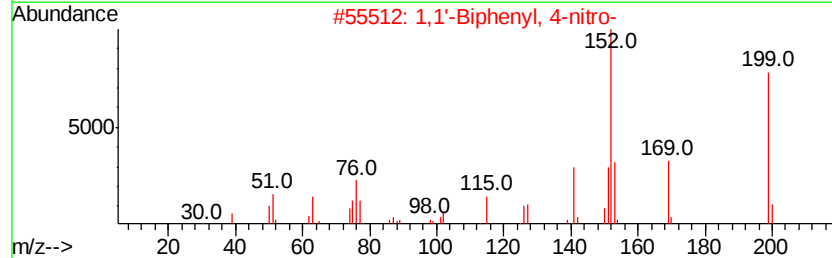
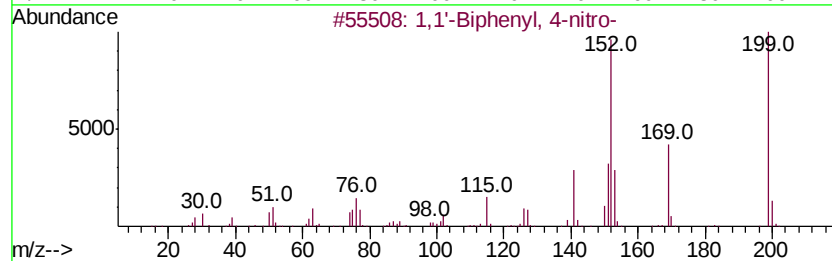
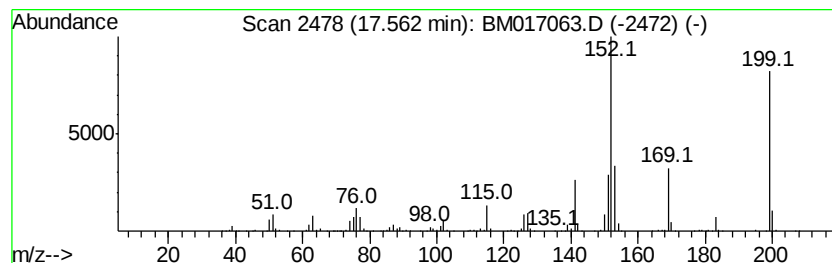
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Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	10.60 ng/ul	1720700	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2		1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	96
4		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89
5		Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	86



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Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A3YX2

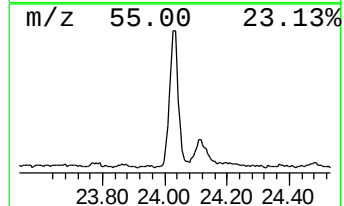
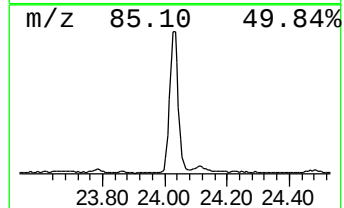
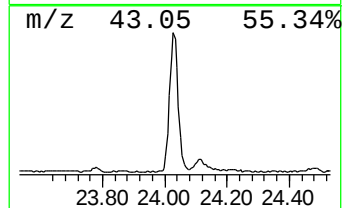
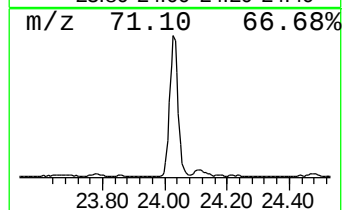
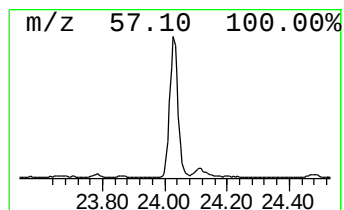
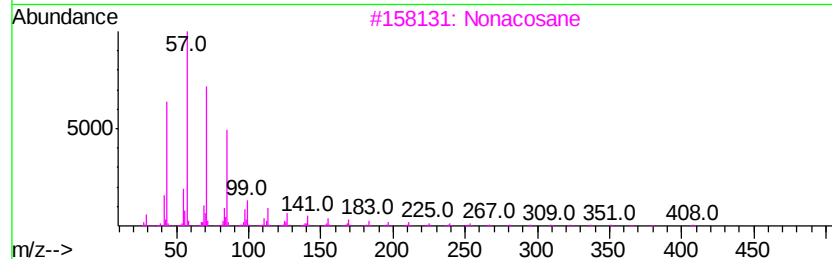
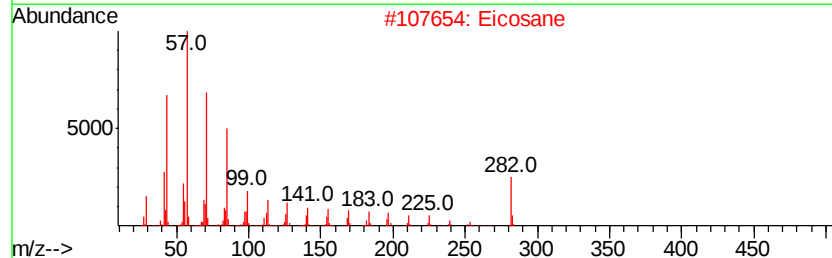
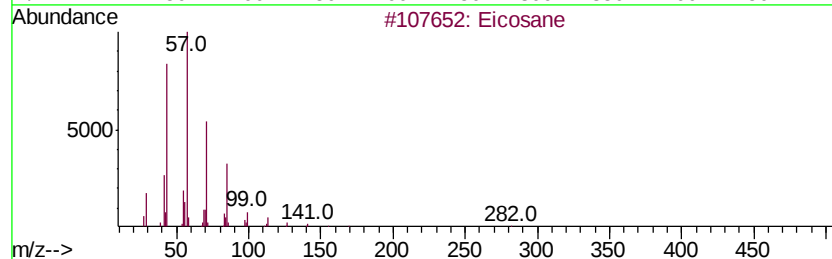
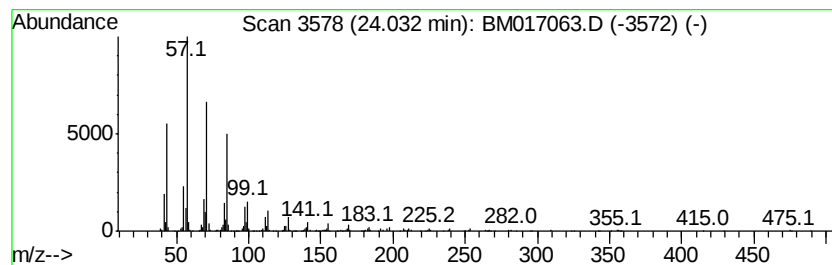
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	6.83 ng/ul	1123240	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017063.D
Acq On : 08 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A3YX2

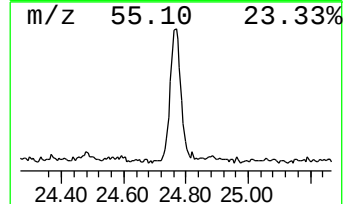
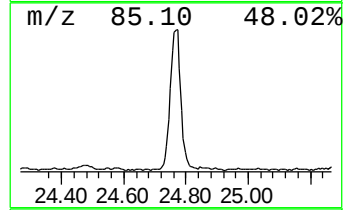
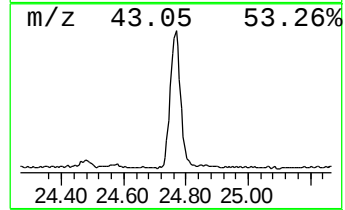
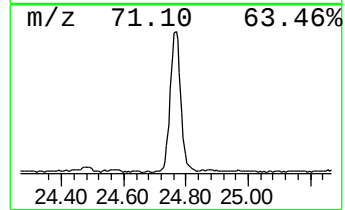
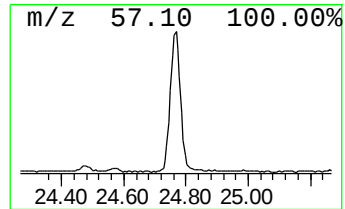
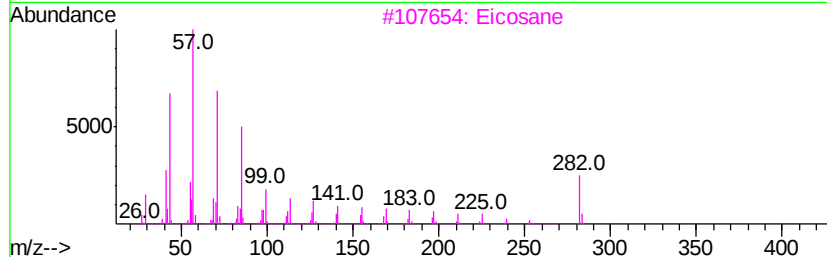
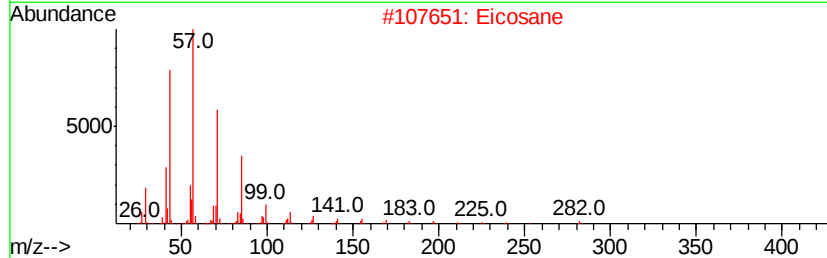
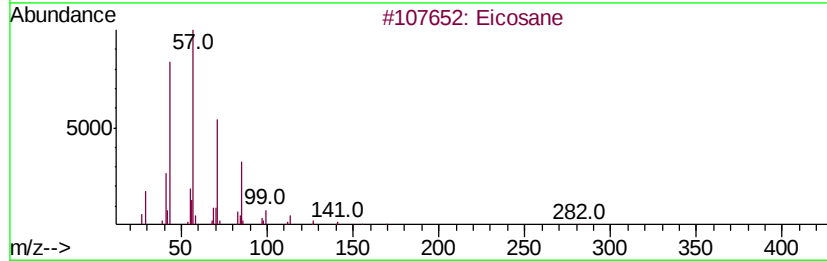
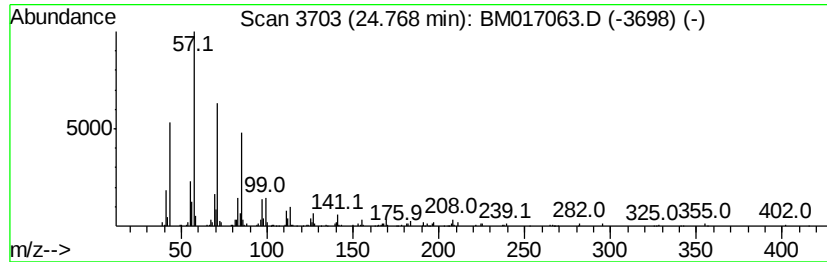
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	4.67 ng/ul	767643	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	92
3		Eicosane	282	C20H42	000112-95-8	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100818\
Data File : BM017063.D
Acq On : 08 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A3YX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
2-Pentanone, 4-hy...	4.86	10.3	ng/ul	625507	1	7.70	1209650	20.0
Naphthalene, 1-me...	12.36	25.1	ng/ul	2559000	2	10.47	2039710	20.0
1,1'-Biphenyl, 4-...	17.56	10.6	ng/ul	1720700	4	17.08	3247350	20.0
(DEL) Alkane: Str...	24.03	6.8	ng/ul	1123240	6	23.49	3289190	20.0
(DEL) Alkane: Str...	24.77	4.7	ng/ul	767643	6	23.49	3289190	20.0