

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017095.D
 Acq On : 10 Oct 2018 13:03
 Operator : MJ/SJ
 Sample : J5295-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z41

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	59	rVB	169665	212414	2.36%	0.119%
2	4.858	314	318	324	rVB	257128	352402	3.91%	0.198%
3	6.846	650	656	662	rBV2	1376959	3532065	39.21%	1.986%
4	6.899	662	665	678	rVB	1460793	2083936	23.13%	1.172%
5	7.040	683	689	698	rVB	723197	1097900	12.19%	0.617%
6	7.228	715	721	724	rBV	943884	1577324	17.51%	0.887%
7	7.257	724	726	736	rVB	874759	1233069	13.69%	0.693%
8	7.693	794	800	807	rVB	814858	1265971	14.05%	0.712%
9	8.398	914	920	931	rVB	1161403	1829527	20.31%	1.029%
10	8.498	931	937	948	rVB	983040	1456196	16.17%	0.819%
11	8.845	989	996	1000	rBV	933127	1558251	17.30%	0.876%
12	8.887	1000	1003	1011	rVB	780856	1122461	12.46%	0.631%
13	9.257	1062	1066	1071	rVB3	18413	26720	0.30%	0.015%
14	9.563	1110	1118	1120	rBV	710197	1163651	12.92%	0.654%
15	9.593	1120	1123	1132	rVB	678786	1041436	11.56%	0.586%
16	10.092	1201	1208	1210	rBV	1324659	2139269	23.75%	1.203%
17	10.328	1244	1248	1253	rVB4	10118	13830	0.15%	0.008%
18	10.469	1262	1272	1276	rBV	1213685	2130830	23.65%	1.198%
19	10.522	1276	1281	1289	rVV	1147022	1908036	21.18%	1.073%
20	10.610	1289	1296	1310	rVV	975096	1663377	18.47%	0.935%
21	10.798	1321	1328	1335	rVB	1269706	2057204	22.84%	1.157%
22	11.757	1484	1491	1504	rBV	2112738	3383204	37.56%	1.902%
23	12.010	1528	1534	1538	rBV	34232	52355	0.58%	0.029%
24	12.063	1538	1543	1549	rVB2	21764	35285	0.39%	0.020%
25	12.357	1585	1593	1601	rBV	1968473	2991090	33.20%	1.682%
26	12.504	1612	1618	1626	rVB	1263137	2008773	22.30%	1.129%
27	12.581	1626	1631	1637	rBV	14385	21901	0.24%	0.012%
28	12.751	1654	1660	1667	rBV	2130692	3256181	36.15%	1.831%
29	12.810	1667	1670	1675	rVB5	23088	35415	0.39%	0.020%
30	13.069	1710	1714	1718	rBV3	13909	20134	0.22%	0.011%
31	13.163	1722	1730	1733	rBV	2739997	4192629	46.54%	2.357%
32	13.198	1733	1736	1744	rVB	1357391	1908873	21.19%	1.073%
33	13.745	1823	1829	1834	rBV	2037004	3012410	33.44%	1.694%
34	13.798	1834	1838	1844	rVV	1642111	2244628	24.92%	1.262%

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35	13.916	1852	1858	1865	rVB	1099843	1368089	15.19%	0.769%
36	14.022	1867	1876	1885	rVB	2685436	3864779	42.90%	2.173%
37	14.239	1906	1913	1918	rBV	38936	50804	0.56%	0.029%
38	14.333	1921	1929	1934	rVV2	1745534	2597097	28.83%	1.460%
39	14.398	1934	1940	1948	rVB	2291041	3399873	37.74%	1.912%
40	14.545	1957	1965	1979	rBV2	1303615	2571318	28.54%	1.446%
41	14.733	1991	1997	2007	rVB	1685516	2438771	27.07%	1.371%
42	14.957	2027	2035	2047	rVV	1462018	2044072	22.69%	1.149%
43	15.133	2059	2065	2070	rBV3	24980	42758	0.47%	0.024%
44	15.198	2070	2076	2083	rVB	270093	340124	3.78%	0.191%
45	15.327	2091	2098	2103	rBV	3373222	4710628	52.29%	2.649%
46	15.380	2103	2107	2113	rVB	1536274	2026210	22.49%	1.139%
47	15.463	2113	2121	2133	rBV2	1832276	3014564	33.46%	1.695%
48	15.569	2133	2139	2143	rVB4	35667	55530	0.62%	0.031%
49	15.698	2156	2161	2165	rBV4	10576	15686	0.17%	0.009%
50	15.751	2167	2170	2177	rVB6	6800	13457	0.15%	0.008%
51	15.886	2189	2193	2200	rBV5	9940	21390	0.24%	0.012%
52	16.063	2218	2223	2229	rVV7	28228	51068	0.57%	0.029%
53	16.221	2245	2250	2258	rBV8	21493	40273	0.45%	0.023%
54	16.345	2267	2271	2272	rBV4	11614	16276	0.18%	0.009%
55	16.386	2272	2278	2285	rVB	1459481	2152464	23.89%	1.210%
56	16.463	2287	2291	2294	rBV2	53503	63112	0.70%	0.035%
57	16.633	2316	2320	2325	rBV4	13672	19539	0.22%	0.011%
58	16.727	2330	2336	2348	rVV	2220488	3138170	34.84%	1.764%
59	16.851	2353	2357	2362	rVV2	106261	125854	1.40%	0.071%
60	17.080	2389	2396	2400	rVV	1994078	3015045	33.47%	1.695%
61	17.121	2400	2403	2408	rVV	2199441	2943054	32.67%	1.655%
62	17.180	2408	2413	2416	rVV2	3406716	5025800	55.79%	2.826%
63	17.216	2416	2419	2434	rVB	2525818	3394609	37.68%	1.909%
64	17.486	2455	2465	2472	rBV	2152831	2919308	32.41%	1.641%
65	17.563	2472	2478	2487	rVV	1735246	2051903	22.78%	1.154%
66	17.698	2497	2501	2504	rBV4	17544	24946	0.28%	0.014%
67	17.739	2504	2508	2519	rVB7	29531	72541	0.81%	0.041%
68	17.939	2538	2542	2545	rBV2	37858	42352	0.47%	0.024%
69	17.986	2545	2550	2557	rBV	330892	481163	5.34%	0.271%
70	18.057	2557	2562	2573	rVB	1777872	2228684	24.74%	1.253%
71	18.286	2595	2601	2606	rBV2	41689	62856	0.70%	0.035%

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72	18.504	2634	2638	2642	rBV4	13790	19545	0.22%	0.011%
73	18.851	2693	2697	2705	rBV2	57954	90315	1.00%	0.051%
74	18.921	2705	2709	2719	rVB5	35963	76250	0.85%	0.043%
75	19.145	2737	2747	2756	rBV	5280108	7311188	81.16%	4.111%
76	19.210	2756	2758	2763	rVB5	26075	29643	0.33%	0.017%
77	19.268	2764	2768	2775	rBV	140457	204760	2.27%	0.115%
78	19.362	2780	2784	2785	rBV2	34517	37170	0.41%	0.021%
79	19.480	2797	2804	2806	rBV	3758198	5584118	61.99%	3.140%
80	19.504	2806	2808	2819	rVB	3867565	4645070	51.56%	2.612%
81	19.621	2824	2828	2834	rVB4	49379	76431	0.85%	0.043%
82	20.039	2896	2899	2902	rVB2	38099	43654	0.48%	0.025%
83	20.415	2958	2963	2970	rBV	1377747	1560554	17.32%	0.877%
84	20.533	2980	2983	2988	rVB2	43599	44440	0.49%	0.025%
85	20.992	3057	3061	3070	rBV2	359324	582219	6.46%	0.327%
86	21.104	3076	3080	3084	rBV3	127458	178892	1.99%	0.101%
87	21.198	3091	3096	3100	rBV	2244367	2459737	27.31%	1.383%
88	21.256	3100	3106	3111	rVV2	5168639	9008261	100.00%	5.065%
89	21.309	3111	3115	3121	rVB	3431990	4345442	48.24%	2.443%
90	21.433	3132	3136	3141	rBV	281432	313983	3.49%	0.177%
91	21.862	3206	3209	3218	rBV	527706	687035	7.63%	0.386%
92	22.015	3231	3235	3243	rBV	656506	962616	10.69%	0.541%
93	22.327	3283	3288	3293	rBV	955261	1204220	13.37%	0.677%
94	22.827	3367	3373	3387	rVB	3822411	5940569	65.95%	3.340%
95	23.350	3456	3462	3465	rBV	2471516	4377863	48.60%	2.461%
96	23.392	3465	3469	3478	rVV2	3204014	5889776	65.38%	3.311%
97	23.492	3480	3486	3495	rVB	1417879	2743993	30.46%	1.543%
98	24.027	3571	3577	3585	rBV	919696	1709480	18.98%	0.961%
99	24.768	3697	3703	3712	rVB	566280	1195268	13.27%	0.672%
100	25.721	3856	3865	3882	rVB2	2633225	7464426	82.86%	4.197%

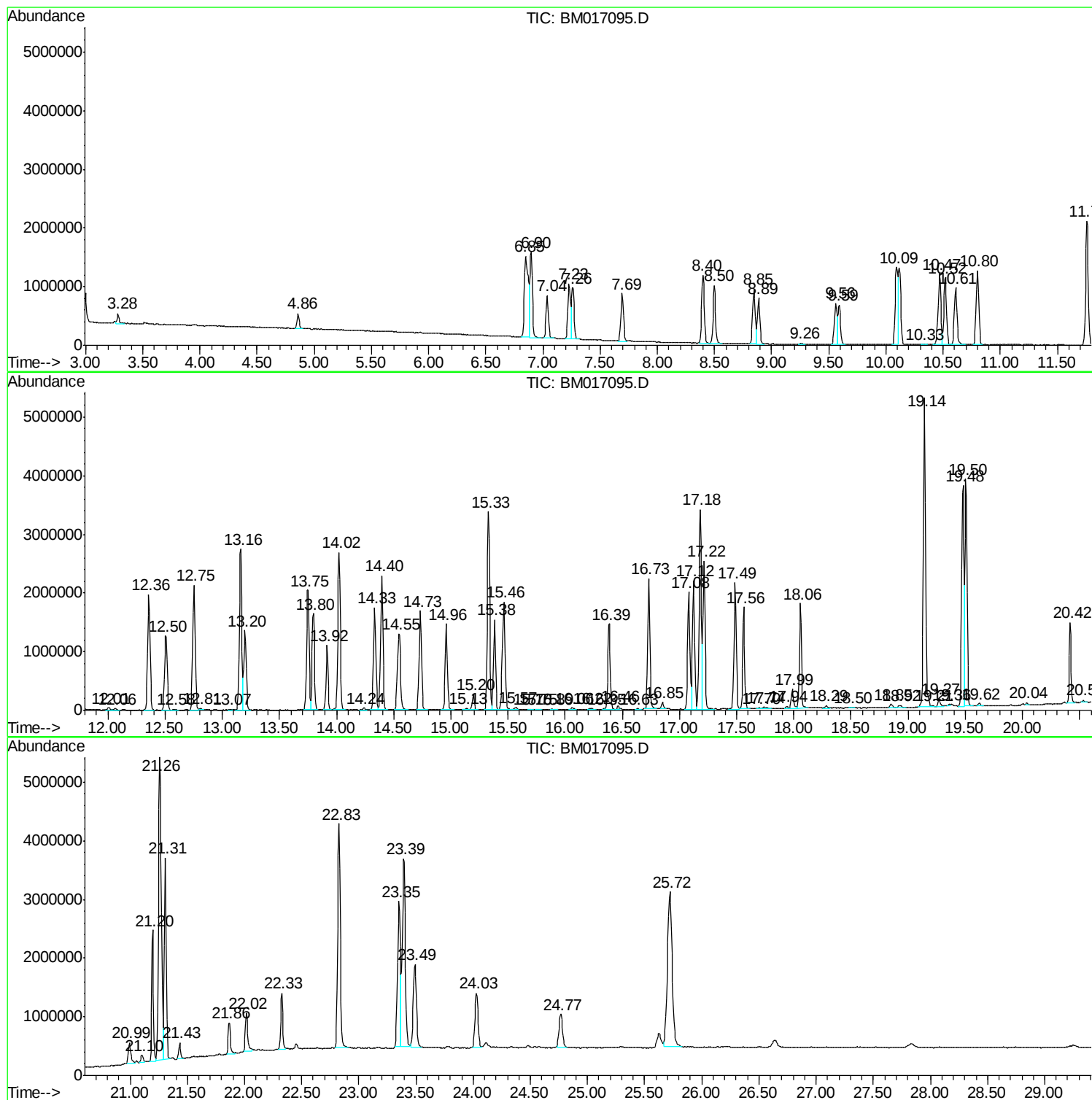
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



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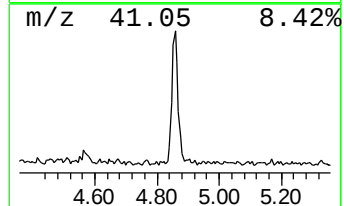
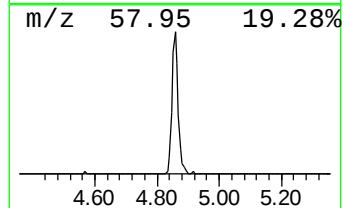
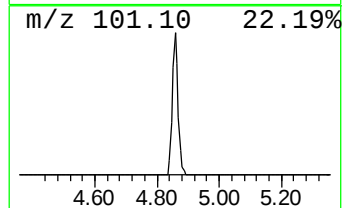
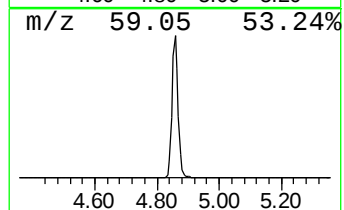
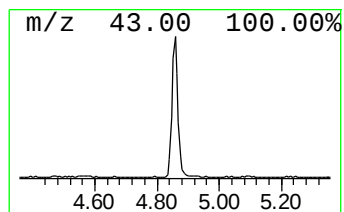
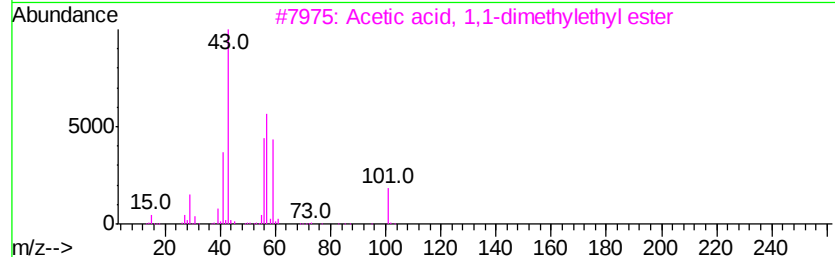
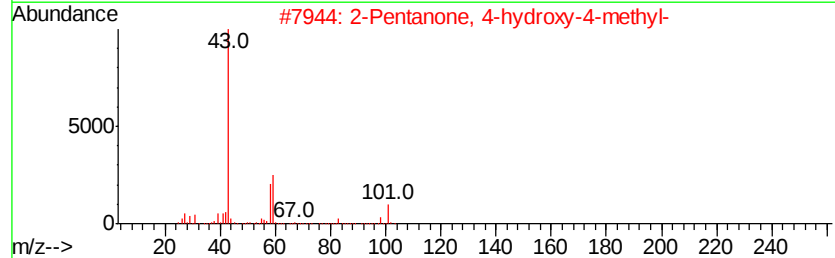
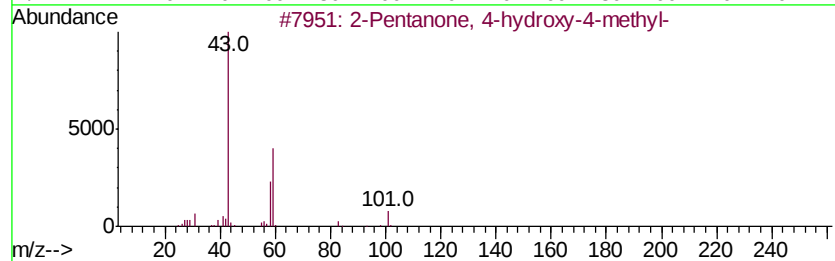
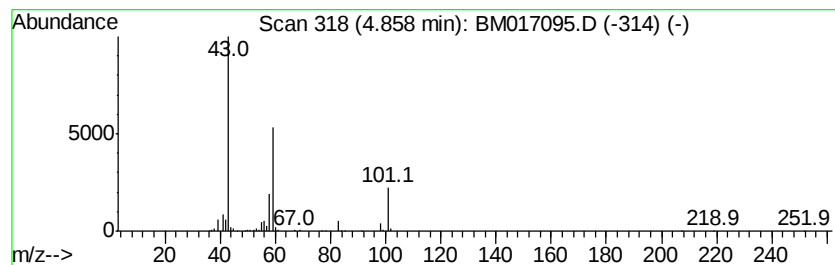
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	5.57 ng/ul	352402	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38



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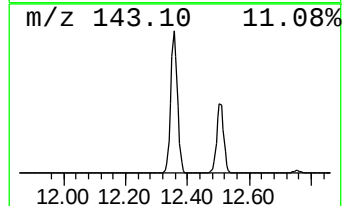
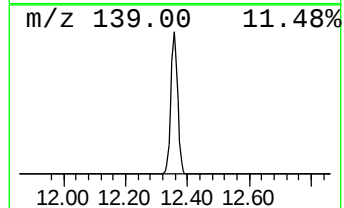
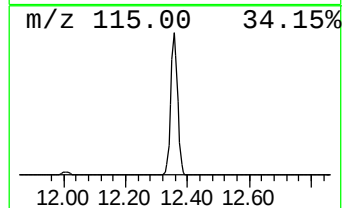
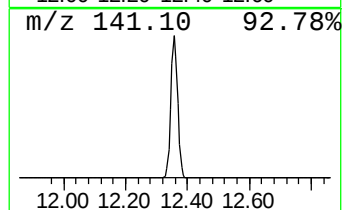
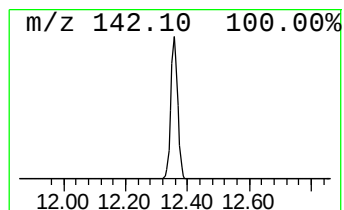
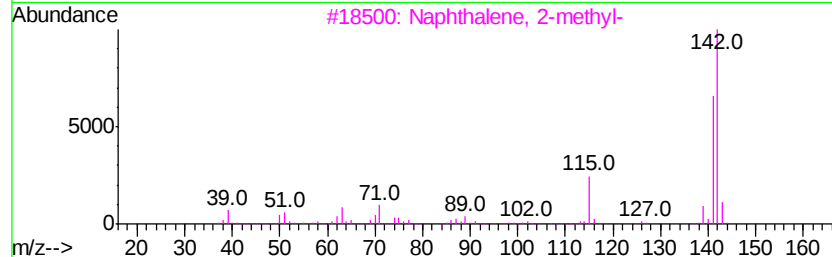
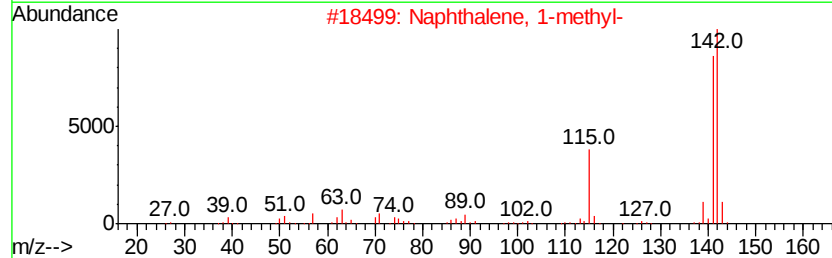
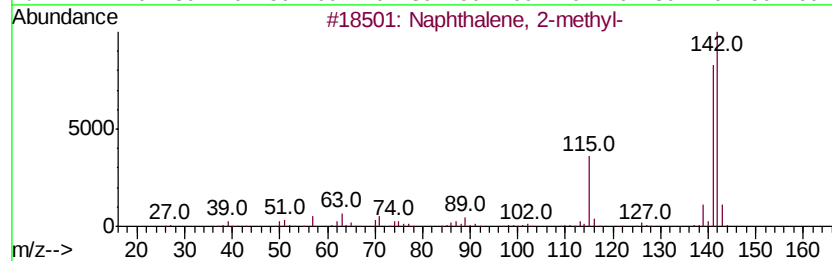
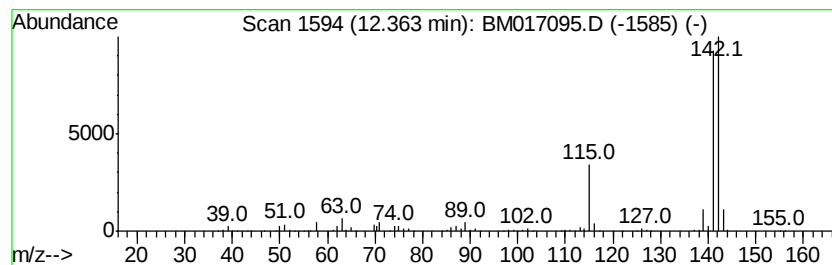
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	28.07 ng/ul	2991090	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, 2-methyl-	142	C11H10	000091-57-6	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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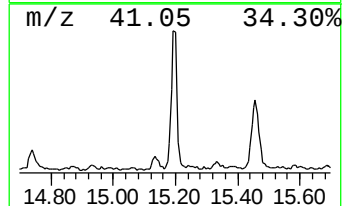
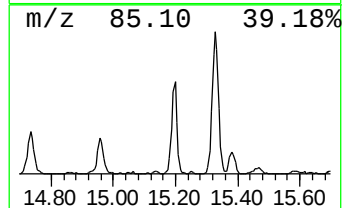
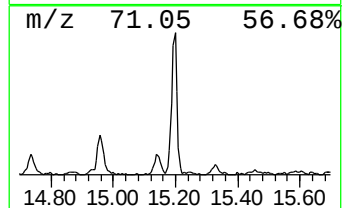
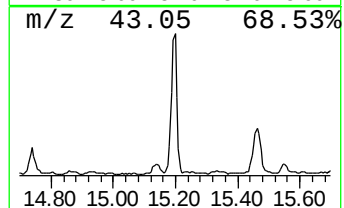
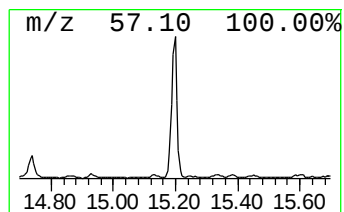
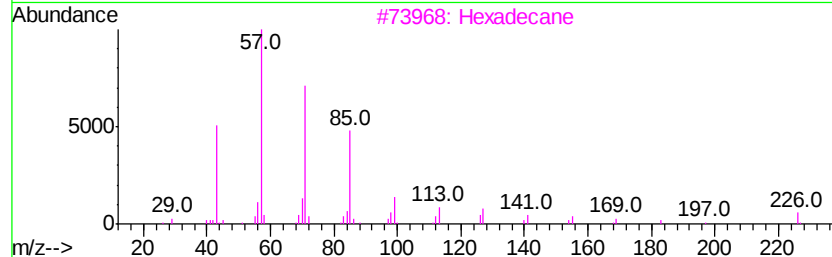
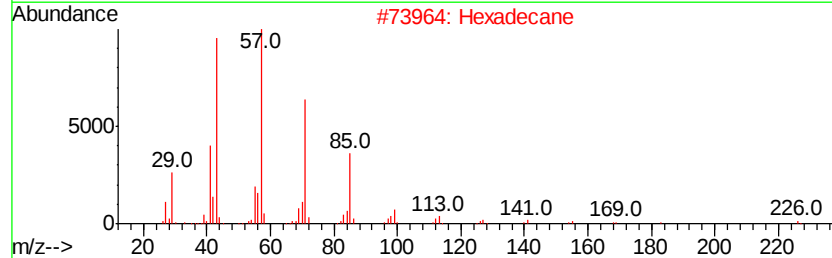
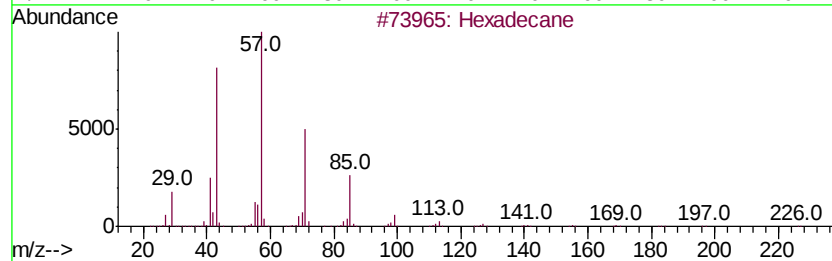
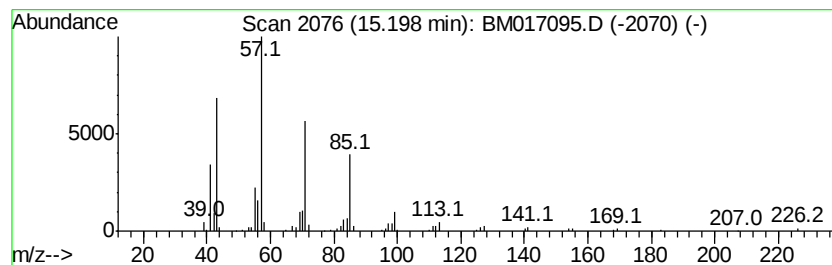
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.62 ng/ul	340124	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Hexadecane	226	C16H34	000544-76-3	96
3		Hexadecane	226	C16H34	000544-76-3	95
4		Eicosane	282	C20H42	000112-95-8	91
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
Operator : MJ/SJ
Sample : J5295-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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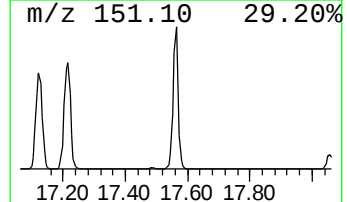
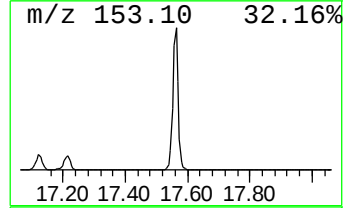
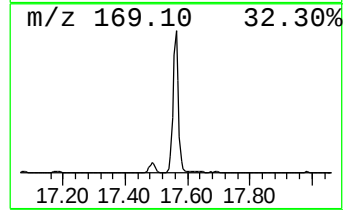
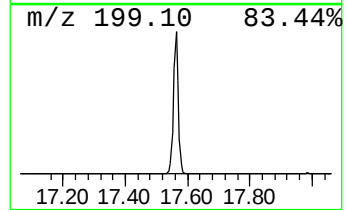
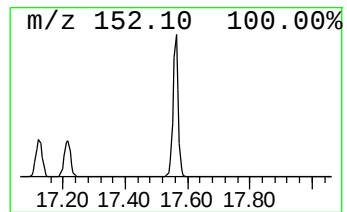
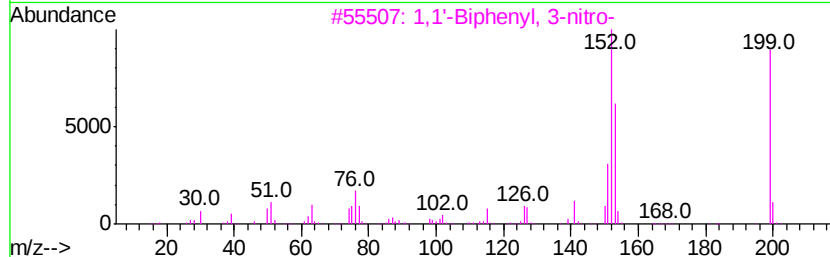
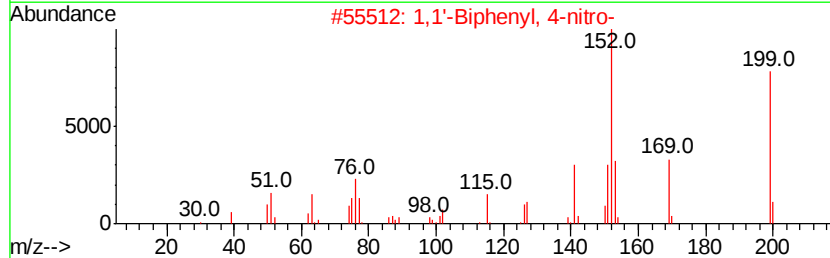
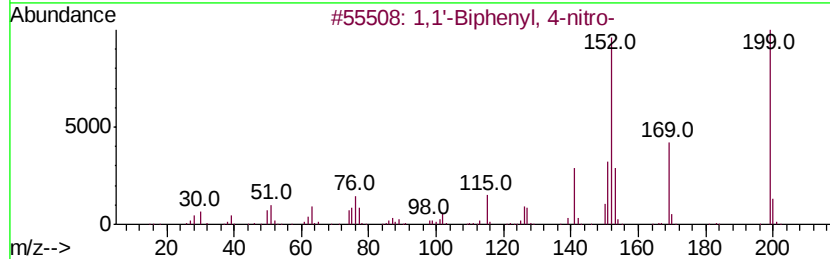
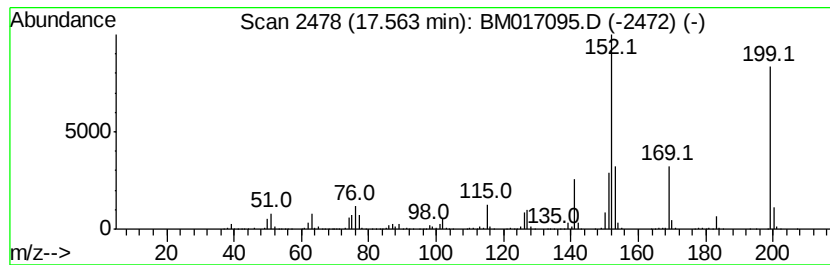
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	13.61 ng/ul	2051900	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	89
4		Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	86
5		Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
Operator : MJ/SJ
Sample : J5295-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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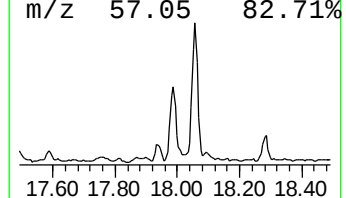
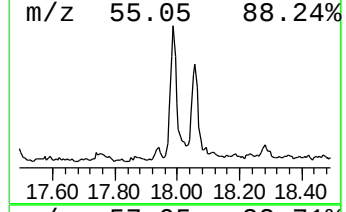
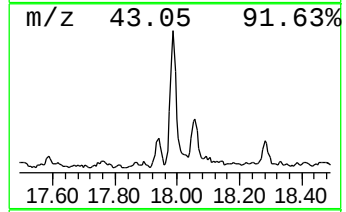
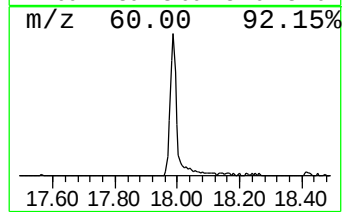
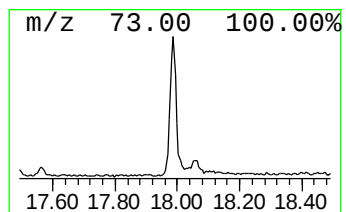
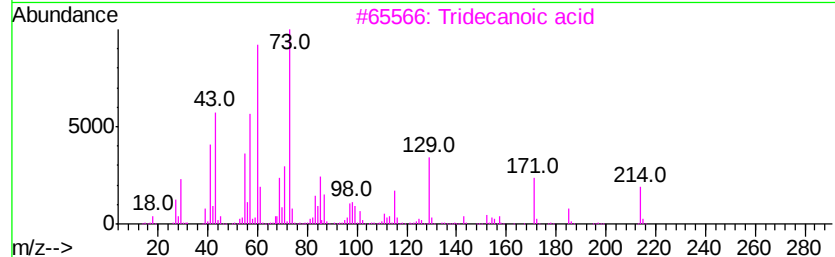
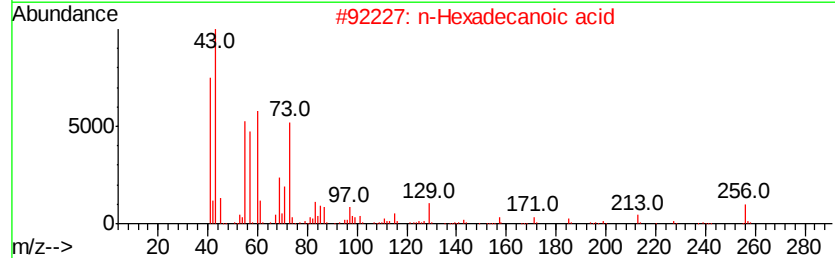
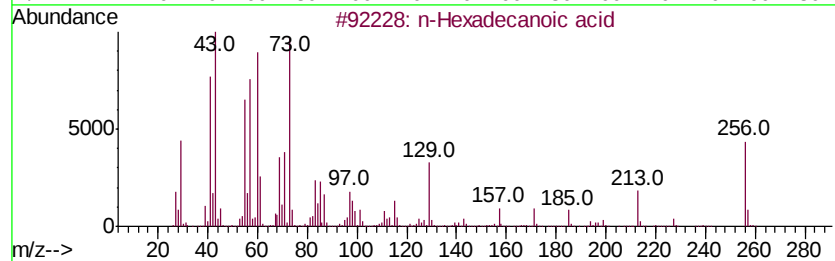
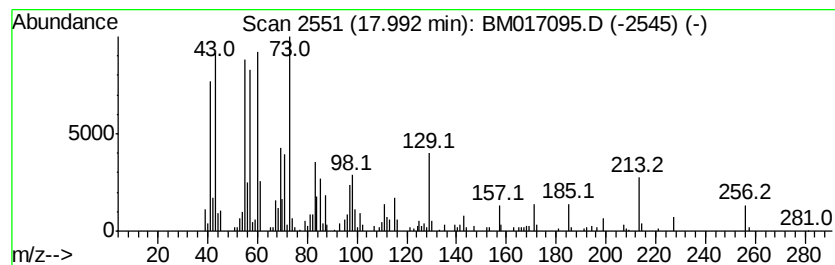
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.19 ng/ul	481163	Phenanthrene-d10	17.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
Operator : MJ/SJ
Sample : J5295-07
Misc :
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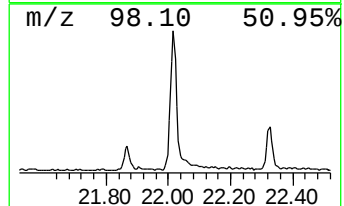
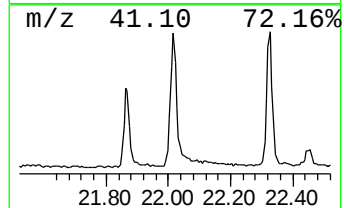
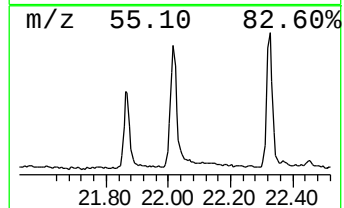
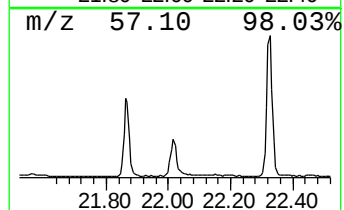
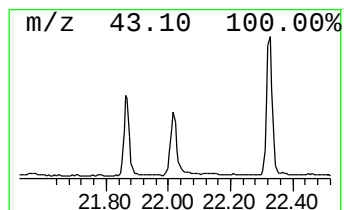
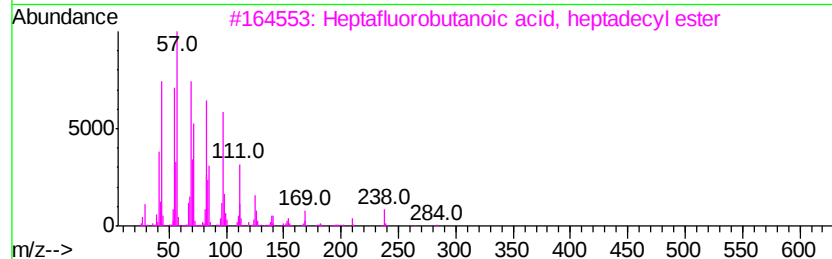
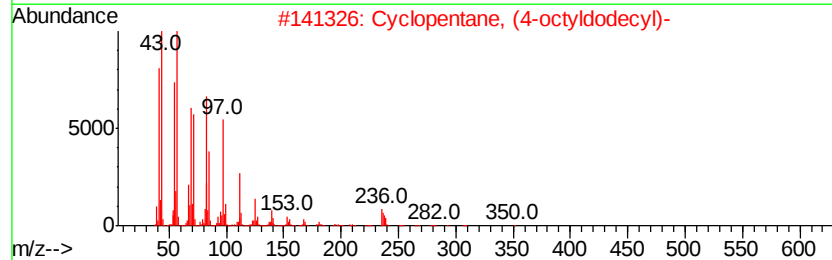
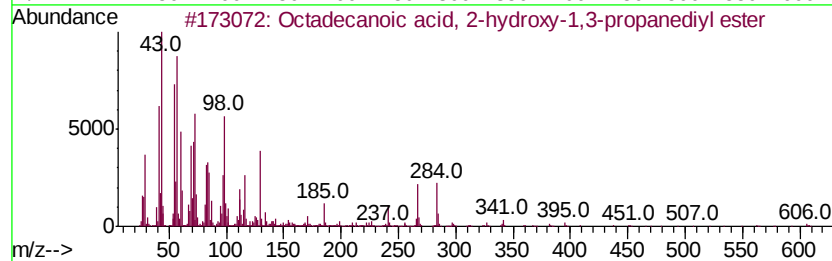
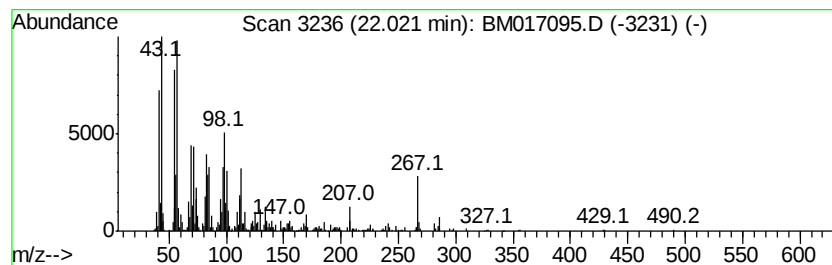
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, 2-hydrox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.14 ng/ul	962616	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	58
2		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	45
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	43
4		Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	43
5		1-Nonadecene	266	C19H38	018435-45-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
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Sample : J5295-07
Misc :
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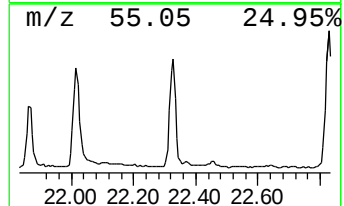
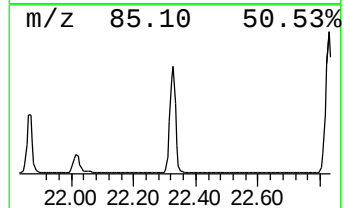
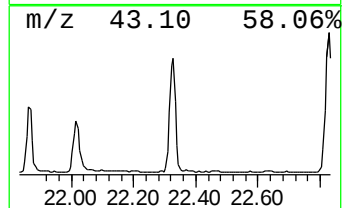
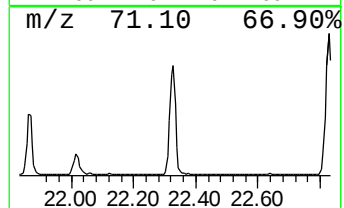
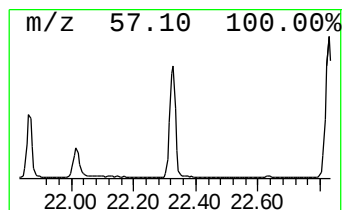
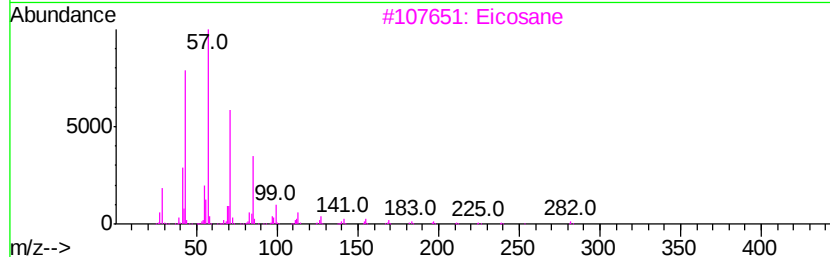
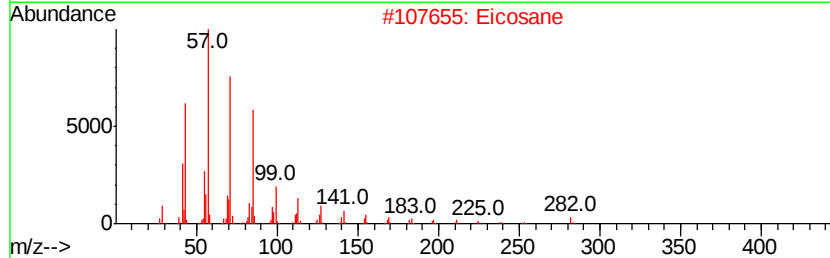
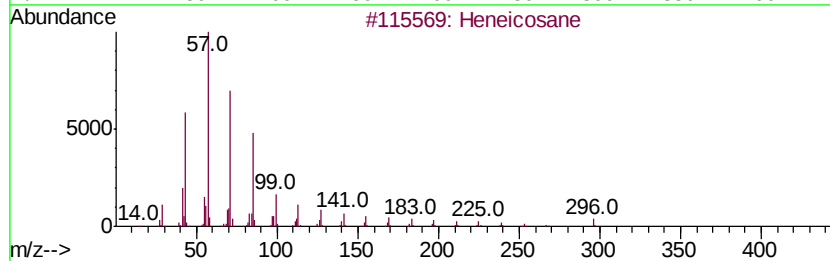
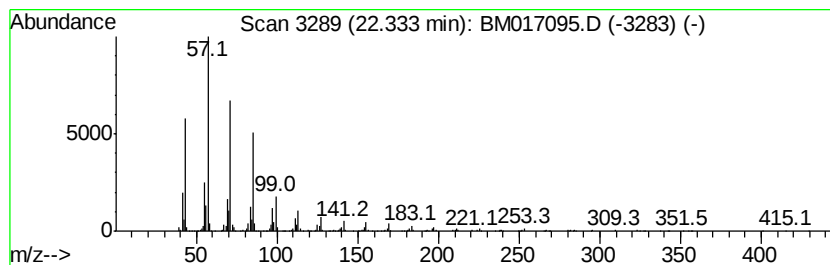
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.67 ng/ul	1204220	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Eicosane	282	C20H42	000112-95-8	95
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5		Eicosane	282	C20H42	000112-95-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
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Sample : J5295-07
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ClientSampleId :
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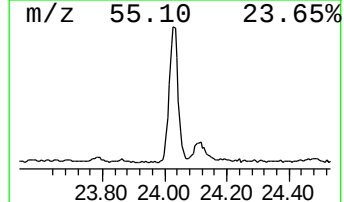
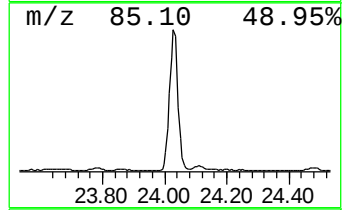
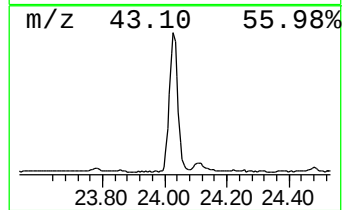
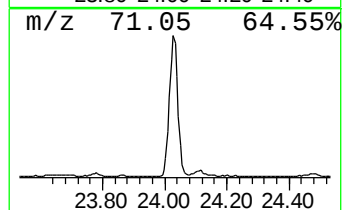
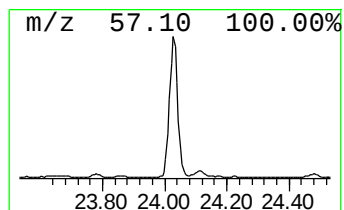
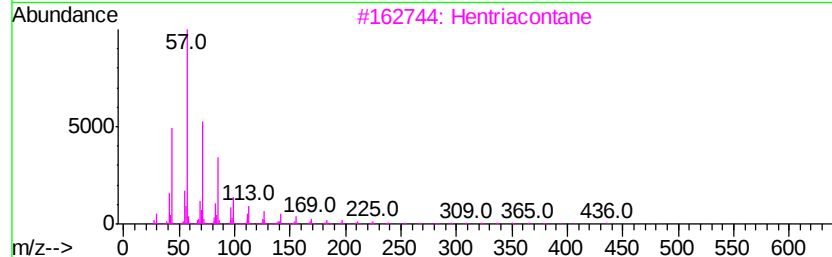
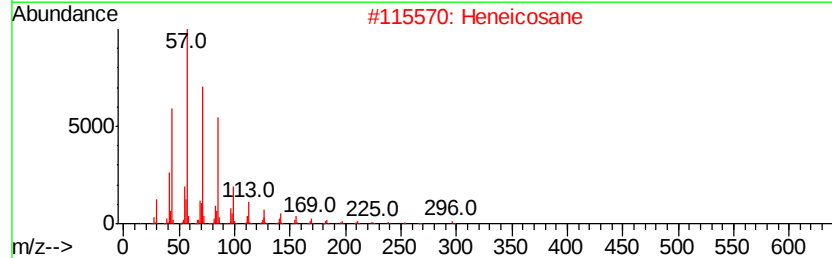
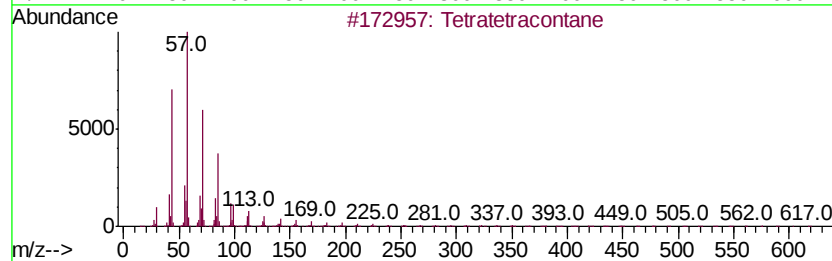
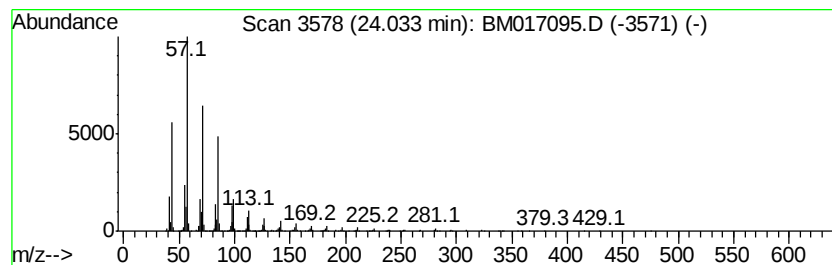
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	12.46 ng/ul	1709480	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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Misc :
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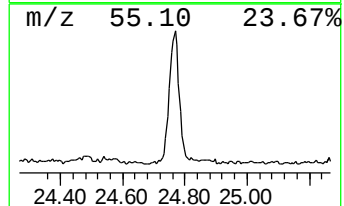
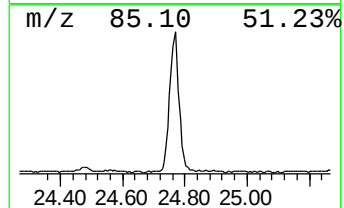
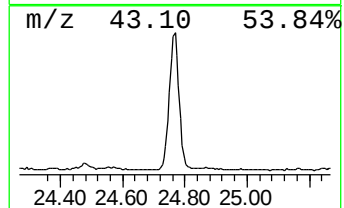
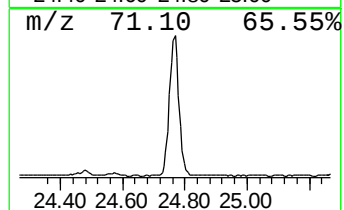
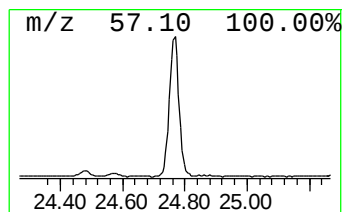
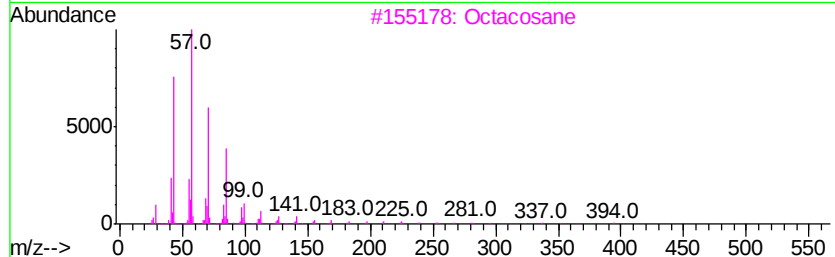
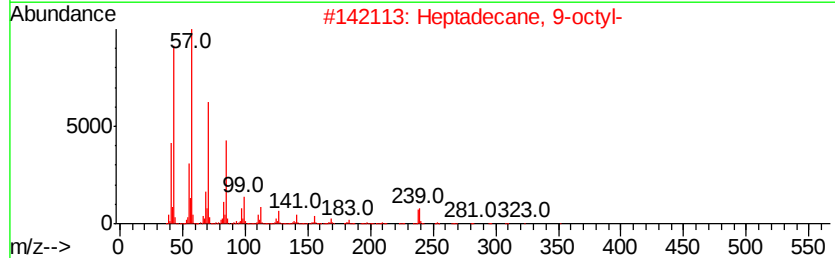
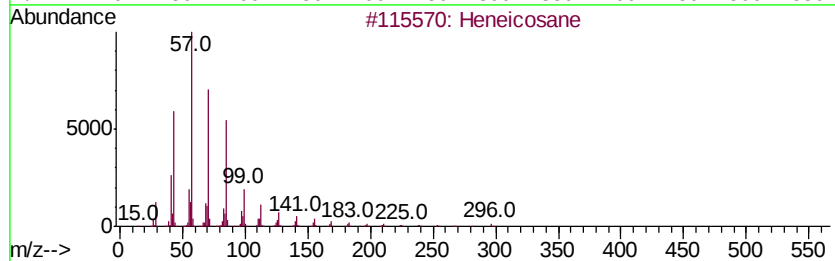
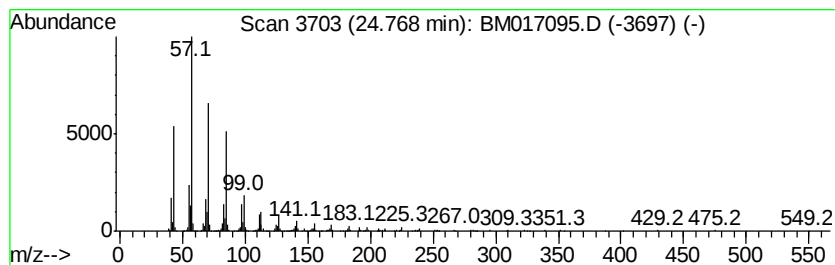
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	8.71 ng/ul	1195270	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101018\
Data File : BM017095.D
Acq On : 10 Oct 2018 13:03
Operator : MJ/SJ
Sample : J5295-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 1-me...	12.36	28.1	ng/ul	2991090	2	10.47	2130830	20.0
(DEL) Alkane: Str...	15.20	2.6	ng/ul	340124	3	14.33	2597100	20.0
1,1'-Biphenyl, 4-...	17.56	13.6	ng/ul	2051900	4	17.08	3015050	20.0
n-Hexadecanoic acid	17.99	3.2	ng/ul	481163	4	17.08	3015050	20.0
Octadecanoic acid...	22.02	2.1	ng/ul	962616	5	21.27	9008260	20.0
(DEL) Alkane: Str...	22.33	2.7	ng/ul	1204220	5	21.27	9008260	20.0
(DEL) Alkane: Str...	24.03	12.5	ng/ul	1709480	6	23.49	2743990	20.0
(DEL) Alkane: Str...	24.77	8.7	ng/ul	1195270	6	23.49	2743990	20.0