

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014749.D
 Acq On : 20 Apr 2018 00:29
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

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\SOM-EPA-BM041918.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	3.675	11	15	22	rVB	66375	97189	1.53%	0.116%
2	4.263	111	115	122	rVB2	50549	81758	1.28%	0.098%
3	4.757	194	199	205	rVB	73835	110415	1.73%	0.132%
4	4.869	213	218	230	rVB	121663	197467	3.10%	0.236%
5	5.093	252	256	266	rVB4	44320	93539	1.47%	0.112%
6	5.204	270	275	285	rVB2	45895	82193	1.29%	0.098%
7	5.522	322	329	340	rVV2	124556	248677	3.90%	0.297%
8	6.087	419	425	434	rBV	47345	95934	1.51%	0.115%
9	6.481	484	492	497	rBV2	64291	117781	1.85%	0.141%
10	6.551	500	504	518	rVB2	32641	69111	1.08%	0.083%
11	7.663	686	693	703	rBV2	1026828	2056381	32.28%	2.458%
12	7.845	714	724	732	rBV	839641	1341055	21.05%	1.603%
13	8.063	754	761	766	rBV	1058382	1708050	26.81%	2.042%
14	8.110	766	769	777	rVV	125014	242572	3.81%	0.290%
15	8.181	777	781	789	rVB	48037	83378	1.31%	0.100%
16	8.545	837	843	856	rVB	1154175	1911063	29.99%	2.285%
17	9.239	955	961	969	rVB	1065752	1707045	26.79%	2.041%
18	9.728	1036	1044	1054	rBV	983218	1724343	27.06%	2.061%
19	10.092	1100	1106	1112	rVB2	48976	76379	1.20%	0.091%
20	10.457	1160	1168	1177	rVB	748794	1279707	20.09%	1.530%
21	10.992	1252	1259	1267	rVB	1221427	2070574	32.50%	2.475%
22	11.392	1320	1327	1332	rVV	1544945	2671438	41.93%	3.194%
23	11.439	1332	1335	1340	rVV	110989	170902	2.68%	0.204%
24	11.510	1340	1347	1359	rVB	1065819	1888647	29.64%	2.258%
25	12.357	1483	1491	1496	rBV	39955	69046	1.08%	0.083%
26	12.739	1551	1556	1565	rVB	47008	79580	1.25%	0.095%
27	13.010	1596	1602	1608	rVB	146860	230161	3.61%	0.275%
28	13.222	1632	1638	1645	rBV	126968	205544	3.23%	0.246%
29	13.945	1755	1761	1765	rBV	97668	139990	2.20%	0.167%
30	14.469	1844	1850	1855	rBV2	107851	189259	2.97%	0.226%
31	14.533	1855	1861	1865	rVV	2214641	3082702	48.38%	3.685%
32	14.580	1865	1869	1875	rVV	638920	943715	14.81%	1.128%
33	14.704	1885	1890	1894	rBV	78640	115066	1.81%	0.138%
34	14.845	1908	1914	1927	rBV	2559095	3879814	60.89%	4.638%

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 Title : SVOA CALIBRATION

35	14.998	1934	1940	1945	rVB	222389	282626	4.44%	0.338%
36	15.145	1959	1965	1972	rVB2	2210518	3329334	52.25%	3.980%
37	15.210	1972	1976	1981	rVB2	46580	76336	1.20%	0.091%
38	15.298	1981	1991	2003	rBV	756555	1196677	18.78%	1.431%
39	15.427	2006	2013	2016	rBV5	42265	92126	1.45%	0.110%
40	15.533	2026	2031	2037	rVB3	91451	167990	2.64%	0.201%
41	15.604	2037	2043	2047	rBV2	77016	120095	1.88%	0.144%
42	15.933	2087	2099	2105	rBV3	284379	558629	8.77%	0.668%
43	16.121	2125	2131	2136	rBV	3098958	4503202	70.68%	5.383%
44	16.215	2142	2147	2154	rVB	586384	800972	12.57%	0.958%
45	16.333	2161	2167	2179	rVB3	89759	268226	4.21%	0.321%
46	16.462	2179	2189	2196	rBV4	82048	200277	3.14%	0.239%
47	16.562	2201	2206	2209	rVV4	135079	194727	3.06%	0.233%
48	16.604	2209	2213	2221	rVB	61746	124390	1.95%	0.149%
49	16.786	2239	2244	2246	rBV	247836	363083	5.70%	0.434%
50	16.810	2246	2248	2255	rVB2	199473	250634	3.93%	0.300%
51	17.386	2338	2346	2350	rBV6	60662	146586	2.30%	0.175%
52	17.509	2363	2367	2372	rBV2	64647	97107	1.52%	0.116%
53	17.568	2372	2377	2382	rVV2	179717	244557	3.84%	0.292%
54	17.615	2383	2385	2392	rVV3	43942	64607	1.01%	0.077%
55	17.698	2392	2399	2406	rVB3	77967	166645	2.62%	0.199%
56	17.857	2418	2426	2430	rBV	2714438	3983099	62.52%	4.762%
57	17.898	2430	2433	2437	rVV	892714	1174402	18.43%	1.404%
58	17.956	2437	2443	2453	rVB	3182346	4814477	75.56%	5.755%
59	18.245	2485	2492	2497	rBV2	92484	180415	2.83%	0.216%
60	18.298	2497	2501	2509	rVB	117798	165646	2.60%	0.198%
61	18.568	2542	2547	2553	rBV2	128949	214110	3.36%	0.256%
62	18.627	2553	2557	2562	rBV2	199026	287499	4.51%	0.344%
63	18.680	2562	2566	2570	rBV	565073	798453	12.53%	0.954%
64	18.756	2575	2579	2587	rVB	241050	386124	6.06%	0.462%
65	18.898	2598	2603	2607	rBV2	158668	329400	5.17%	0.394%
66	18.939	2607	2610	2612	rVV	96350	115234	1.81%	0.138%
67	18.968	2612	2615	2619	rVB	105666	114416	1.80%	0.137%
68	19.192	2649	2653	2656	rBV	113209	136897	2.15%	0.164%
69	19.233	2656	2660	2665	rVV	147960	187929	2.95%	0.225%
70	19.427	2690	2693	2697	rVB4	51782	65261	1.02%	0.078%
71	19.586	2716	2720	2727	rBV3	154281	317249	4.98%	0.379%

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72	19.680	2734	2736	2741	rVB2	101569	123730	1.94%	0.148%
73	19.739	2742	2746	2751	rBV3	106351	185369	2.91%	0.222%
74	19.862	2762	2767	2772	rVB	1946730	2609284	40.95%	3.119%
75	19.915	2773	2776	2780	rBV3	154227	210495	3.30%	0.252%
76	20.145	2812	2815	2817	rBV	62458	63840	1.00%	0.076%
77	20.192	2817	2823	2826	rBV	3925294	6371417	100.00%	7.617%
78	20.274	2835	2837	2842	rVB	114176	143784	2.26%	0.172%
79	20.386	2853	2856	2860	rVB	112411	150424	2.36%	0.180%
80	21.415	3029	3031	3039	rVB	194479	264703	4.15%	0.316%
81	21.592	3058	3061	3065	rBV2	832788	1010944	15.87%	1.209%
82	21.939	3113	3120	3124	rBV2	3423644	5851905	91.85%	6.996%
83	21.980	3124	3127	3136	rVB	964060	1275108	20.01%	1.524%
84	23.674	3410	3415	3421	rBV	772739	1893736	29.72%	2.264%
85	24.280	3512	3518	3523	rBV2	2163607	4011897	62.97%	4.796%
86	24.438	3539	3545	3551	rBV	1976082	3905565	61.30%	4.669%

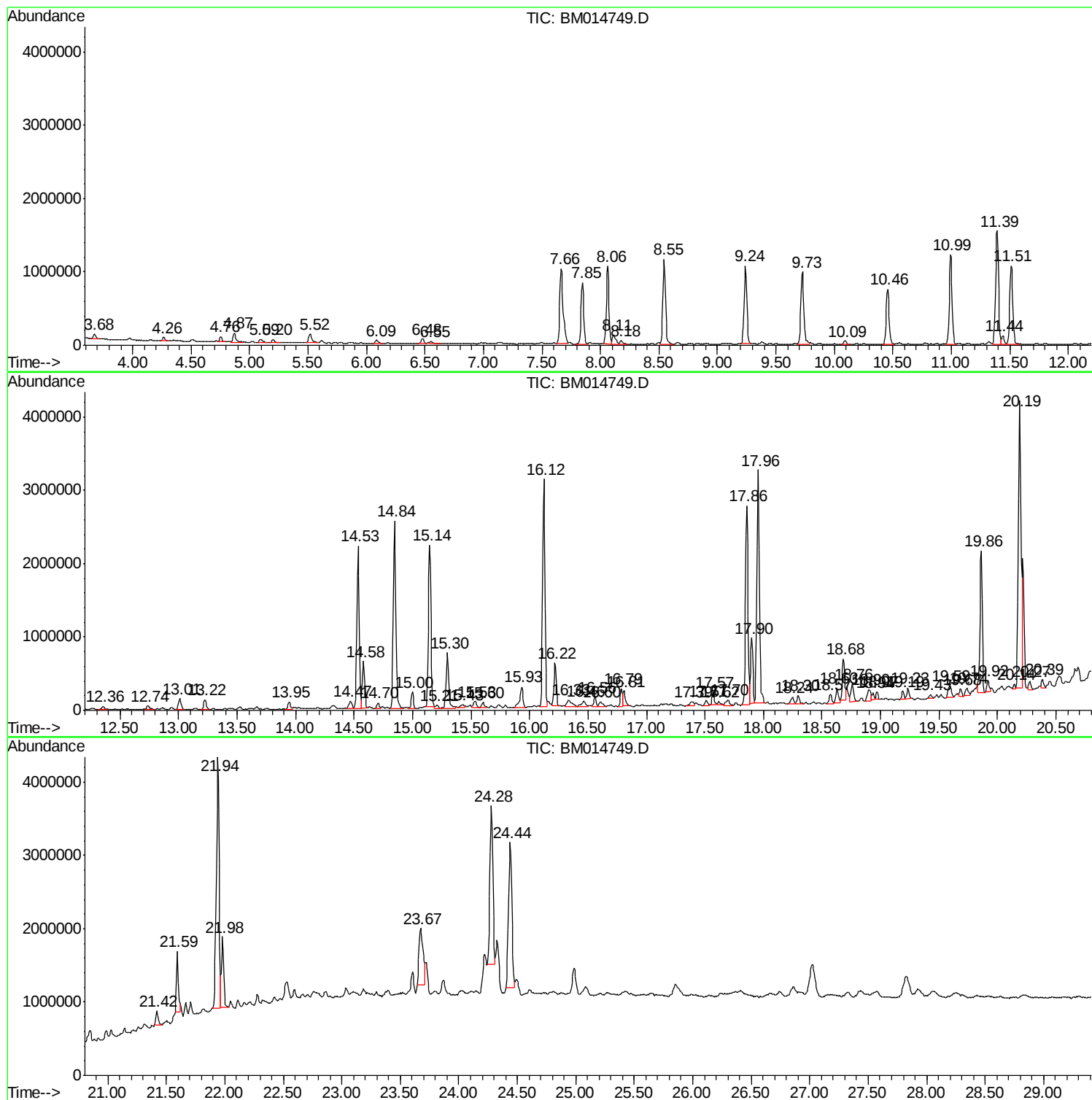
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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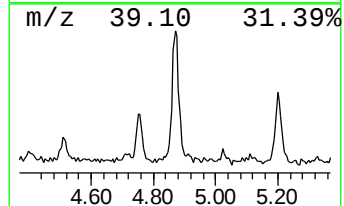
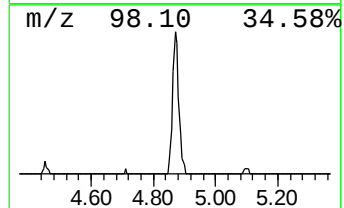
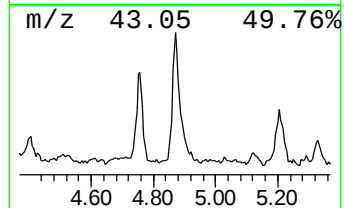
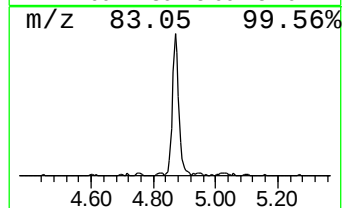
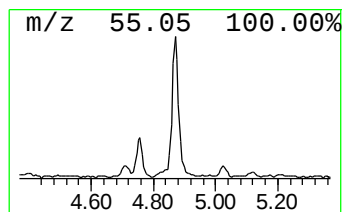
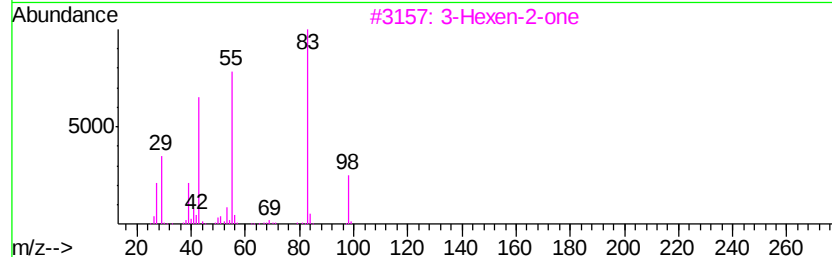
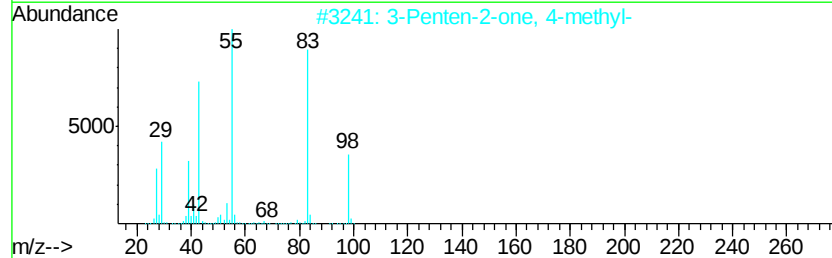
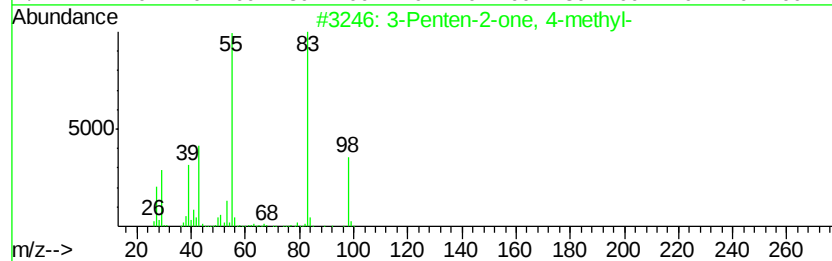
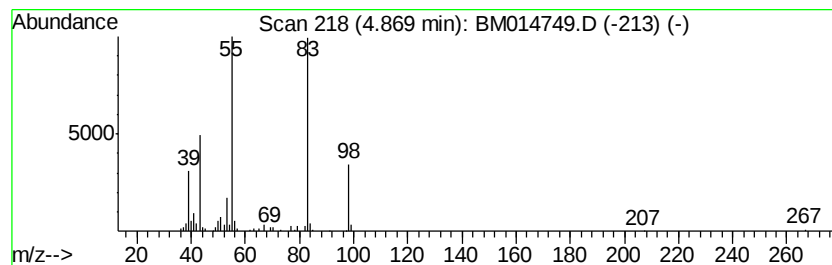
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	2.07 ng/ul	197467	1,4-Dichlorobenzene-d4	8.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
3			3-Hexen-2-one	98	C6H10O	000763-93-9	86
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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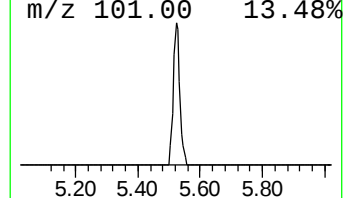
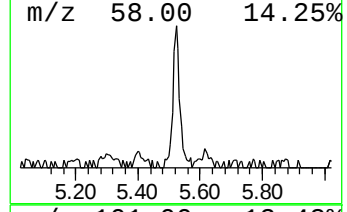
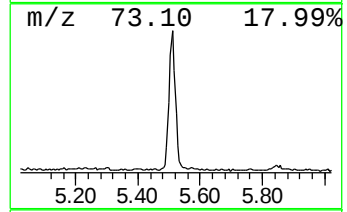
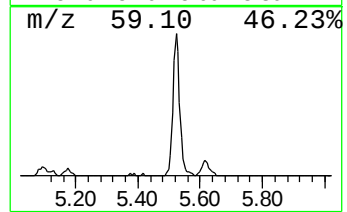
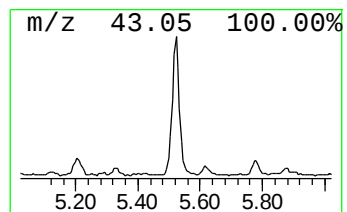
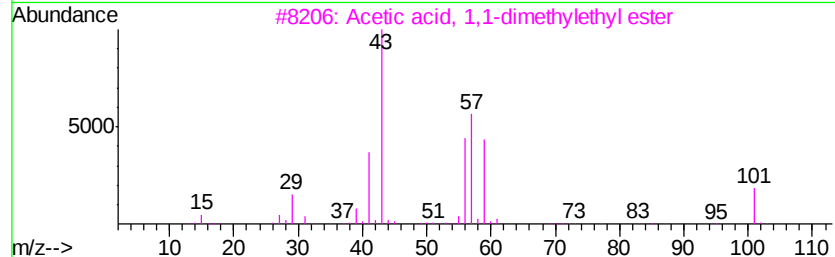
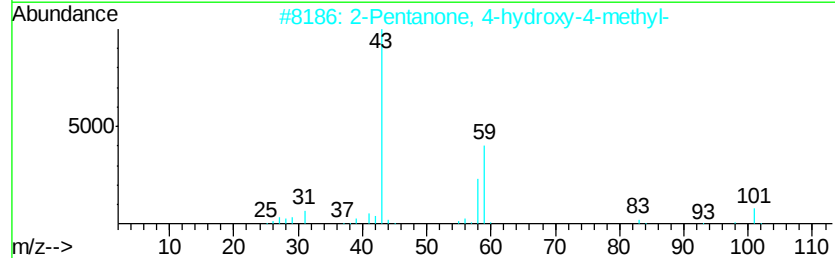
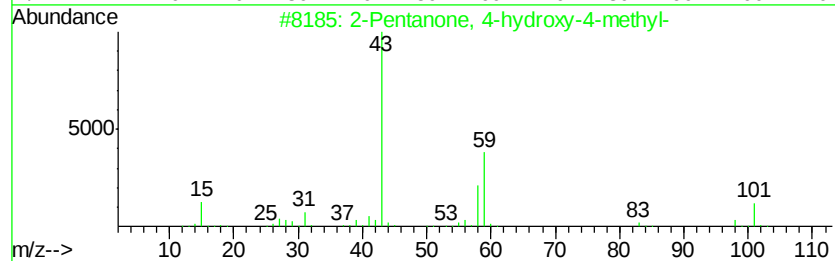
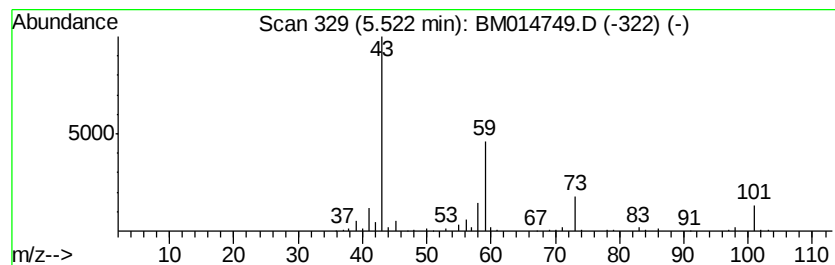
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	2.60 ng/ul	248677	1,4-Dichlorobenzene-d4	8.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
5			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10



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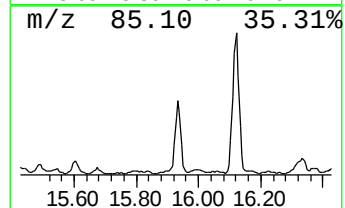
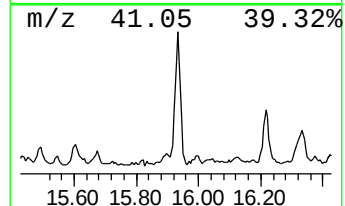
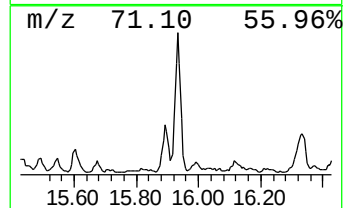
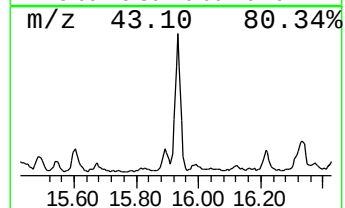
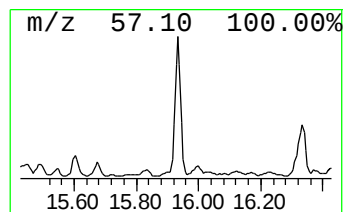
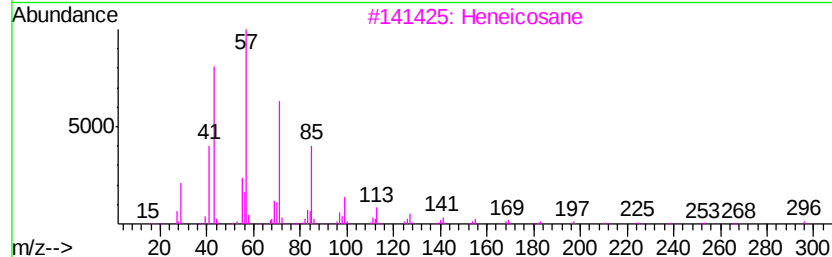
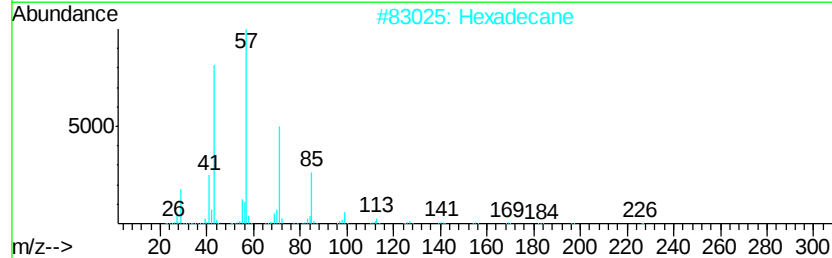
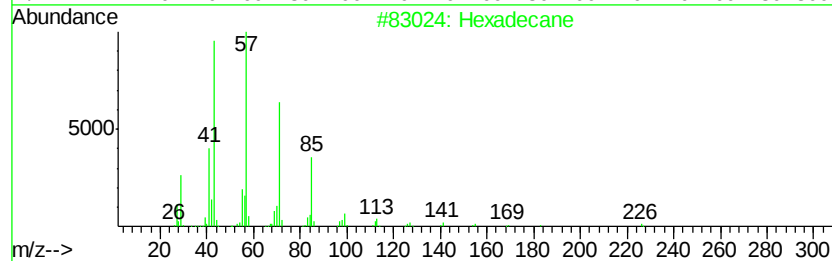
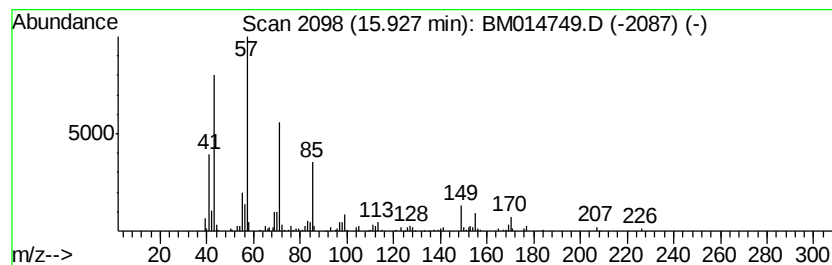
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.36 ng/ul	558629	Acenaphthene-d10	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Hexadecane	226	C16H34	000544-76-3	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Eicosane	282	C20H42	000112-95-8	80



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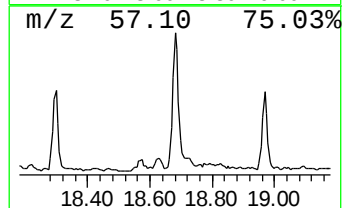
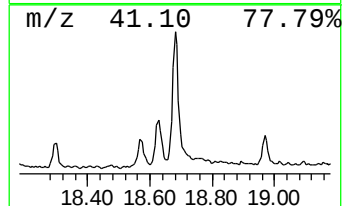
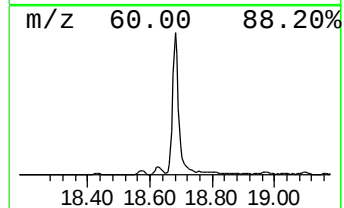
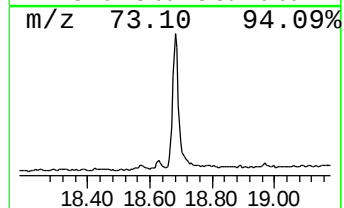
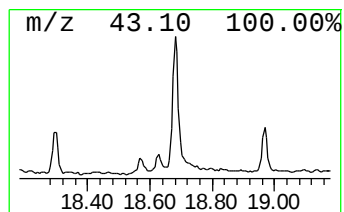
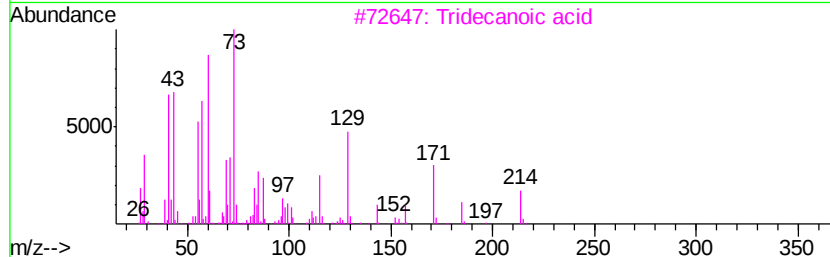
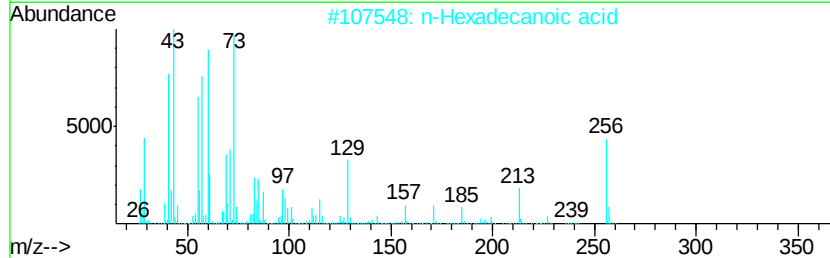
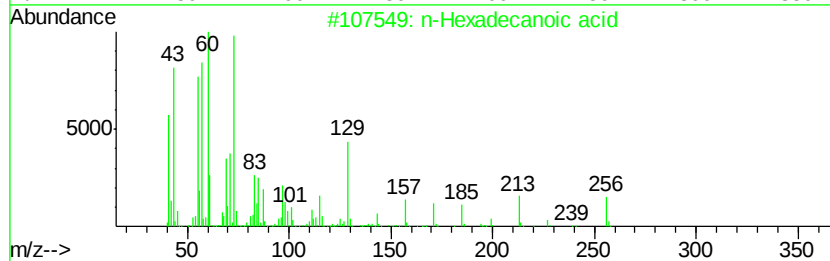
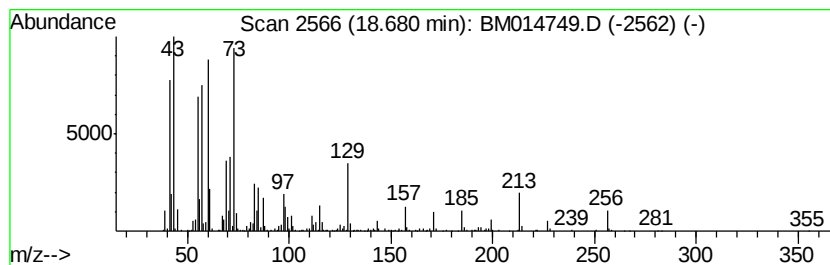
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.01 ng/ul	798453	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014749.D
Acq On : 20 Apr 2018 00:29
Operator : SJ/JU
Sample : J2434-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

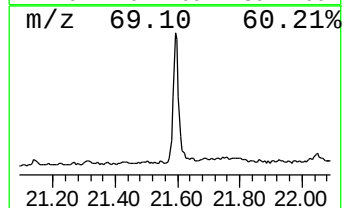
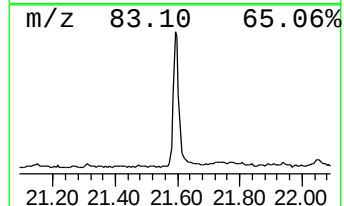
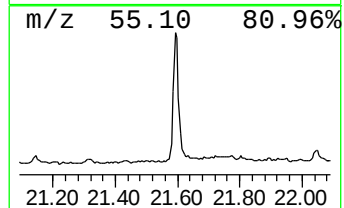
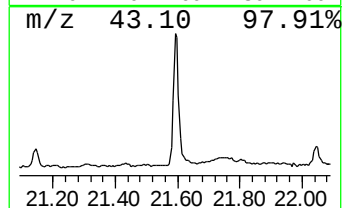
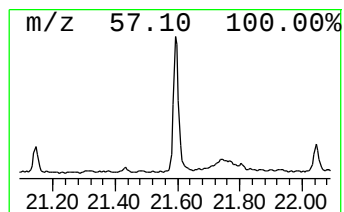
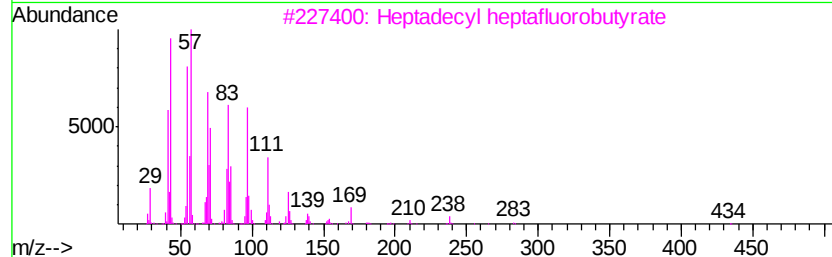
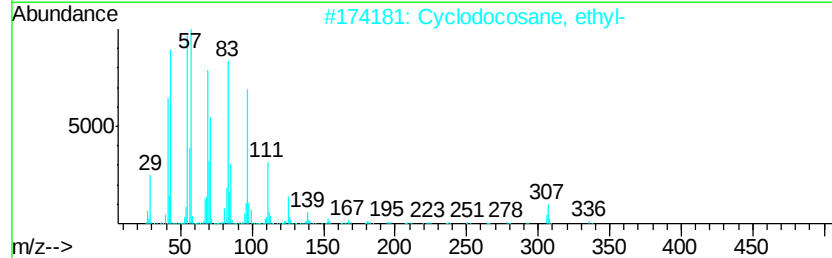
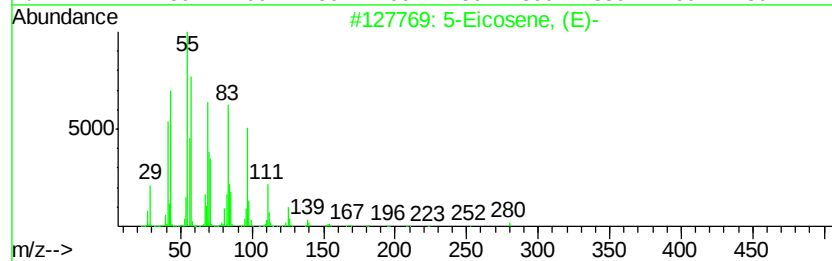
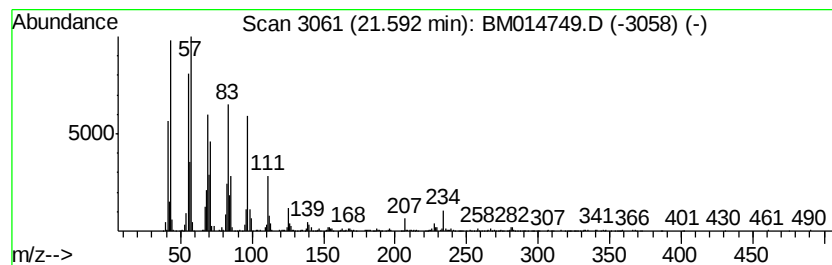
Instrument :
BNA_M
ClientSampleId :
C0AC2

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic21.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.59	3.46 ng/ul	1010940	Chrysene-d12	21.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
3	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041918\
Data File : BM014749.D
Acq On : 20 Apr 2018 00:29
Operator : SJ/JU
Sample : J2434-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.87	2.1	ng/ul	197467	1	8.55	1911060	20.0
2-Pentanone, 4-hy...	5.52	2.6	ng/ul	248677	1	8.55	1911060	20.0
(DEL) Alkane: Str...	15.93	3.4	ng/ul	558629	3	15.14	3329330	20.0
n-Hexadecanoic acid	18.68	4.0	ng/ul	798453	4	17.86	3983100	20.0
(DEL) Alkane: Cyc...	21.59	3.5	ng/ul	1010940	5	21.94	5851910	20.0