

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM023023.D
 Acq On : 06 Oct 2019 12:28
 Operator : JU
 Sample : K5057-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAK5

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-BM092719MA.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	3.263	44	47	56	rVB	25843	40200	1.43%	0.115%
2	3.904	153	156	161	rVB	13165	20623	0.74%	0.059%
3	3.993	167	171	177	rBV	10235	14674	0.52%	0.042%
4	4.916	322	328	343	rBV2	349703	531074	18.94%	1.524%
5	5.928	497	500	504	rBV5	2271	3249	0.12%	0.009%
6	6.469	587	592	600	rVB5	4173	7848	0.28%	0.023%
7	6.951	668	674	691	rBV2	449715	798420	28.47%	2.292%
8	7.116	696	702	716	rBV	367317	592914	21.14%	1.702%
9	7.316	729	736	746	rVV	510805	819674	29.23%	2.353%
10	7.416	749	753	756	rVB4	2641	3754	0.13%	0.011%
11	7.781	809	815	824	rBV	826697	1322307	47.15%	3.796%
12	7.857	824	828	836	rVB4	5498	9670	0.34%	0.028%
13	8.487	928	935	950	rBV	580649	943908	33.66%	2.709%
14	8.610	950	956	962	rVB2	10722	17975	0.64%	0.052%
15	8.939	1005	1012	1024	rBV	432347	728042	25.96%	2.090%
16	9.104	1036	1040	1043	rBV	2855	3256	0.12%	0.009%
17	9.381	1081	1087	1093	rBV	5484	9482	0.34%	0.027%
18	9.657	1125	1134	1144	rBV	337699	561613	20.03%	1.612%
19	10.192	1219	1225	1241	rBV	570586	954823	34.05%	2.741%
20	10.575	1282	1290	1298	rBV	1100003	1865459	66.52%	5.355%
21	10.704	1304	1312	1327	rBV	529234	916345	32.67%	2.630%
22	12.110	1546	1551	1556	rBV2	17243	29376	1.05%	0.084%
23	12.163	1556	1560	1565	rVB2	7600	11521	0.41%	0.033%
24	13.033	1703	1708	1713	rVB4	2349	3444	0.12%	0.010%
25	13.322	1750	1757	1765	rBV	72508	112104	4.00%	0.322%
26	13.474	1780	1783	1787	rVB2	5086	5237	0.19%	0.015%
27	13.827	1837	1843	1847	rBV	951543	1315234	46.90%	3.775%
28	13.874	1847	1851	1861	rVB	465110	639237	22.79%	1.835%
29	14.110	1885	1891	1902	rBV	1151519	1681436	59.95%	4.827%
30	14.327	1924	1928	1933	rVB3	2827	3901	0.14%	0.011%
31	14.421	1937	1944	1956	rBV	1577705	2333377	83.20%	6.698%
32	14.627	1973	1979	1986	rBV4	11926	27808	0.99%	0.080%
33	14.839	2011	2015	2022	rBV4	6901	10855	0.39%	0.031%
34	15.221	2073	2080	2086	rBV3	2613	5287	0.19%	0.015%

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35	15.280	2086	2090	2094	rBV4	3547	4965	0.18%	0.014%
36	15.410	2106	2112	2123	rBV	1421707	2017924	71.95%	5.792%
37	15.545	2128	2135	2141	rBV2	33219	70268	2.51%	0.202%
38	15.651	2146	2153	2157	rVV2	13351	18825	0.67%	0.054%
39	16.139	2233	2236	2242	rBV4	11219	15523	0.55%	0.045%
40	16.410	2280	2282	2289	rVB3	3788	6225	0.22%	0.018%
41	16.945	2367	2373	2377	rBV5	4602	10074	0.36%	0.029%
42	16.986	2377	2380	2386	rVB4	5732	8598	0.31%	0.025%
43	17.157	2403	2409	2419	rBV2	1654424	2359111	84.12%	6.772%
44	17.257	2419	2426	2438	rVV	1447097	2068872	73.77%	5.939%
45	17.351	2438	2442	2447	rVV4	17577	22332	0.80%	0.064%
46	17.398	2447	2450	2452	rVV3	3718	4598	0.16%	0.013%
47	17.468	2458	2462	2466	rVB6	5784	7589	0.27%	0.022%
48	17.545	2470	2475	2479	rBV7	7533	15864	0.57%	0.046%
49	18.051	2557	2561	2567	rBV	57073	81854	2.92%	0.235%
50	18.609	2652	2656	2662	rBV5	19998	28894	1.03%	0.083%
51	18.721	2672	2675	2678	rBV3	8927	9663	0.34%	0.028%
52	18.921	2705	2709	2718	rBV6	28216	63350	2.26%	0.182%
53	19.156	2746	2749	2751	rBV3	12100	14238	0.51%	0.041%
54	19.186	2751	2754	2757	rVV	14194	19377	0.69%	0.056%
55	19.333	2776	2779	2783	rBV4	29915	39244	1.40%	0.113%
56	19.433	2793	2796	2801	rVB	22639	27750	0.99%	0.080%
57	19.551	2810	2816	2823	rBV	1708052	2422938	86.39%	6.955%
58	20.103	2908	2910	2914	rVB3	25217	24132	0.86%	0.069%
59	21.056	3068	3072	3080	rBV3	164558	274658	9.79%	0.788%
60	21.339	3115	3120	3126	rBV	1987279	2548462	90.87%	7.315%
61	21.497	3144	3147	3151	rBV	98655	106970	3.81%	0.307%
62	21.933	3218	3221	3227	rBV	150089	178259	6.36%	0.512%
63	22.397	3297	3300	3306	rVB	203665	277432	9.89%	0.796%
64	22.915	3384	3388	3393	rVB	235129	348966	12.44%	1.002%
65	23.450	3473	3479	3484	rBV	1364839	2591946	92.42%	7.440%
66	23.591	3497	3503	3512	rVB	1460092	2804535	100.00%	8.050%

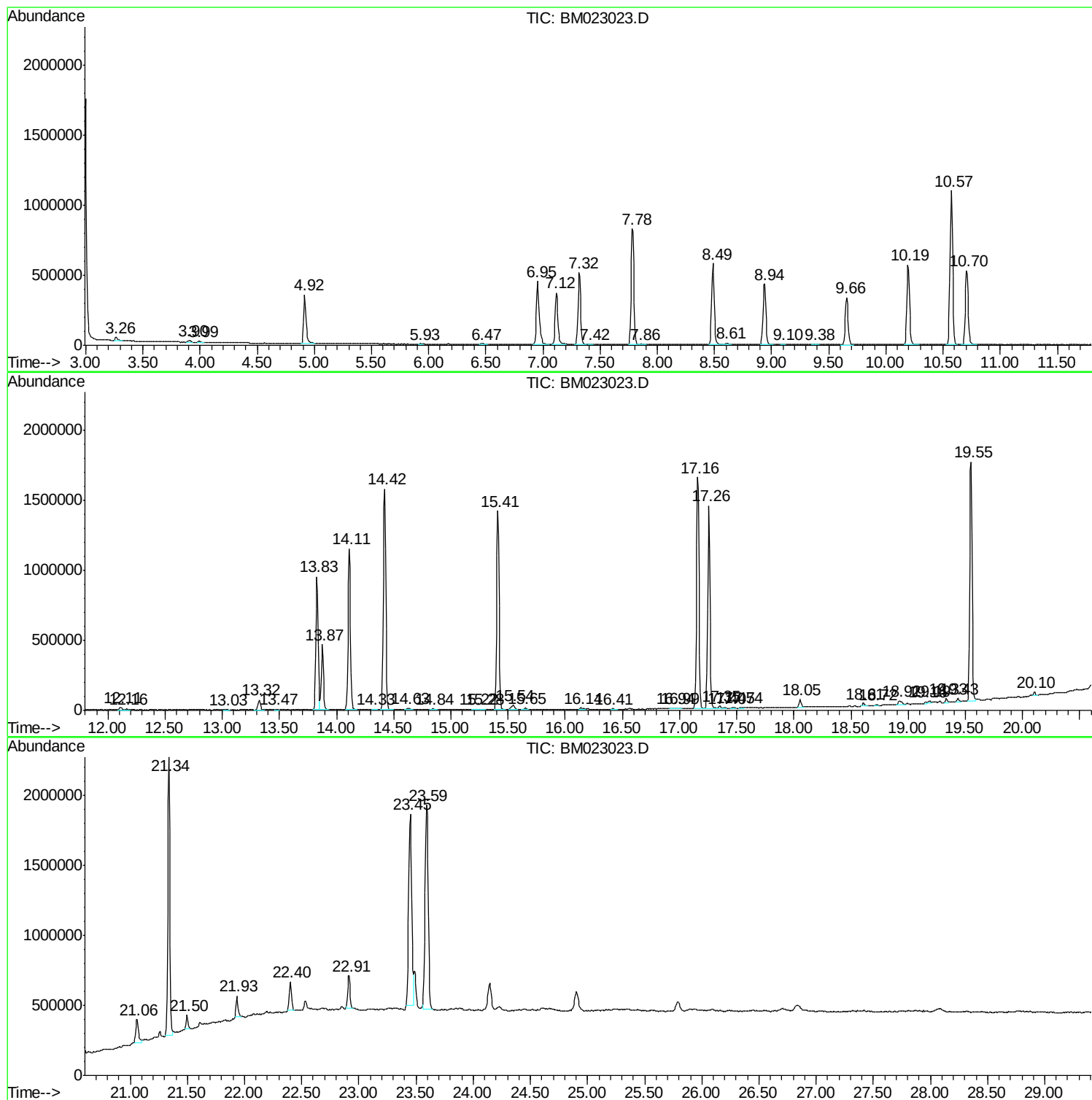
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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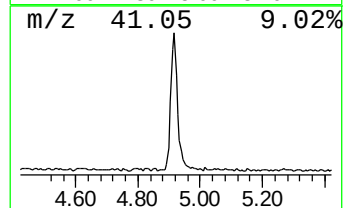
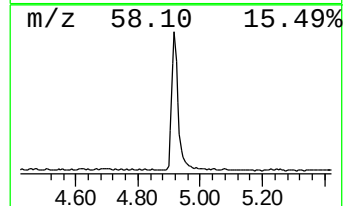
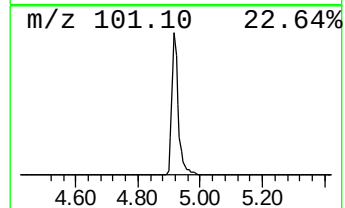
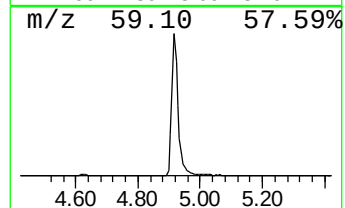
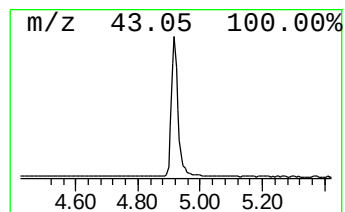
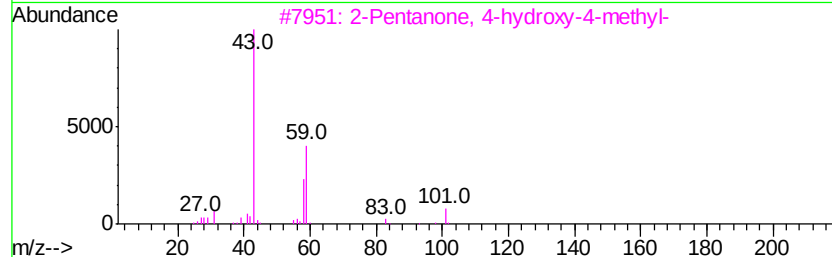
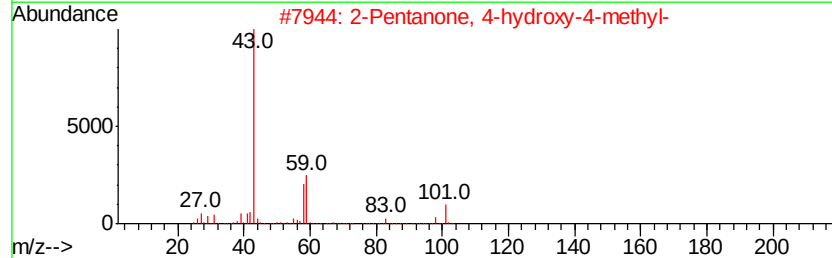
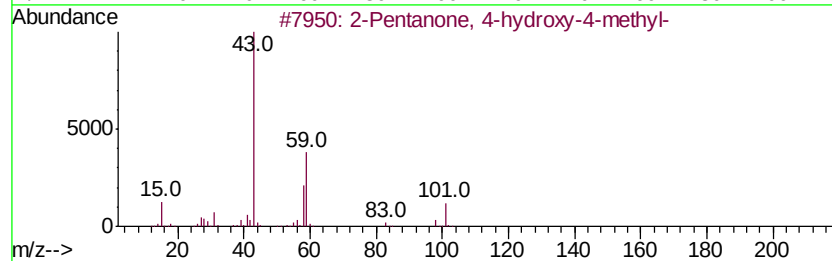
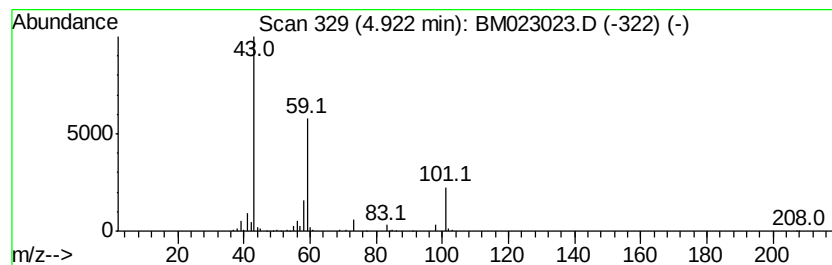
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	8.03 ng/ul	531074	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25		
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23		



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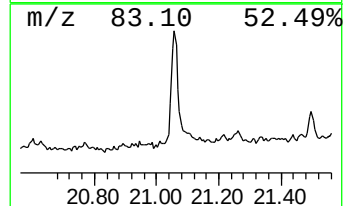
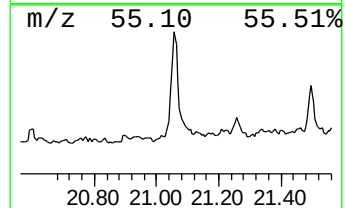
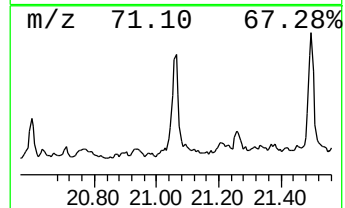
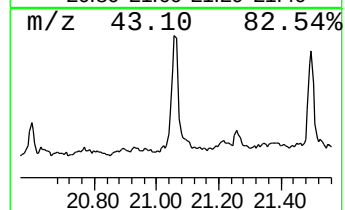
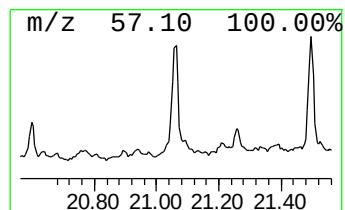
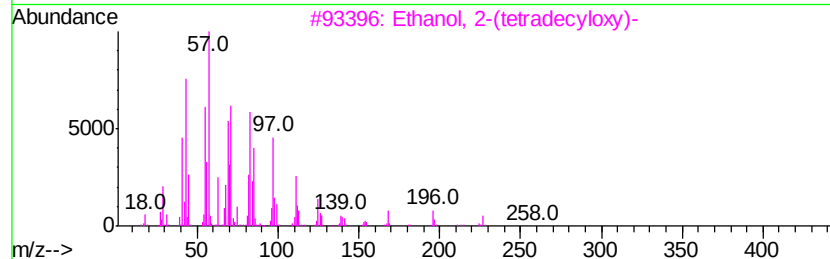
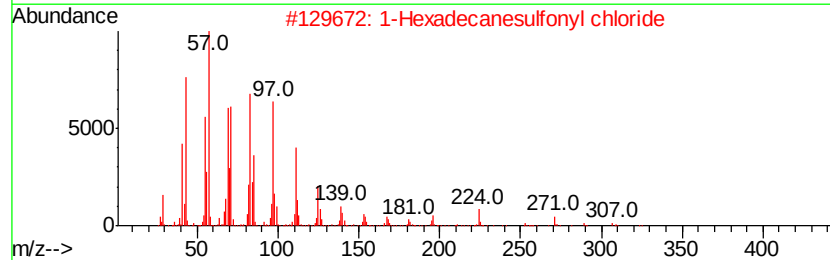
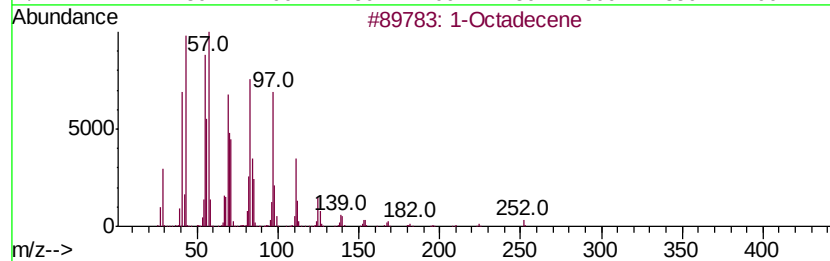
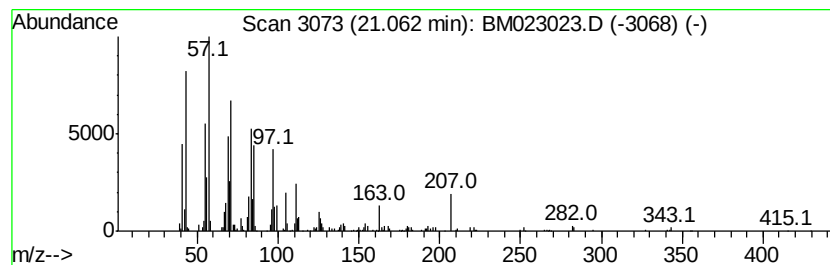
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.16 ng/ul	274658	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	96
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	89
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



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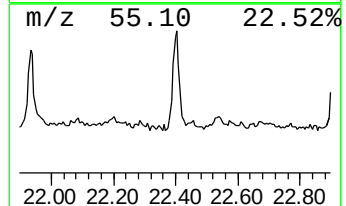
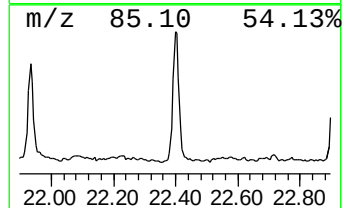
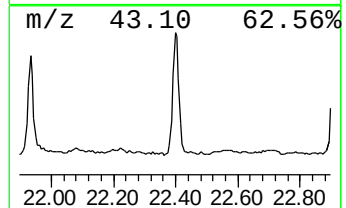
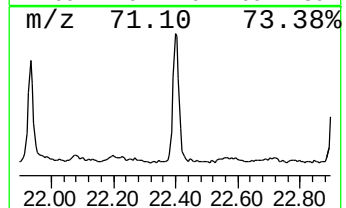
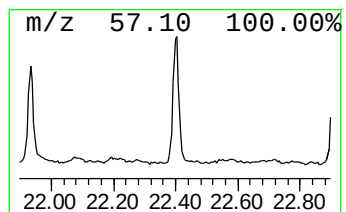
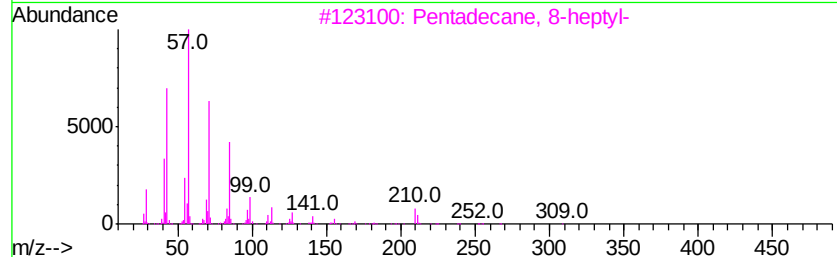
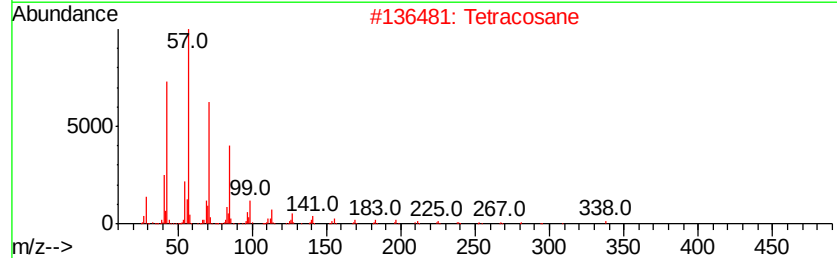
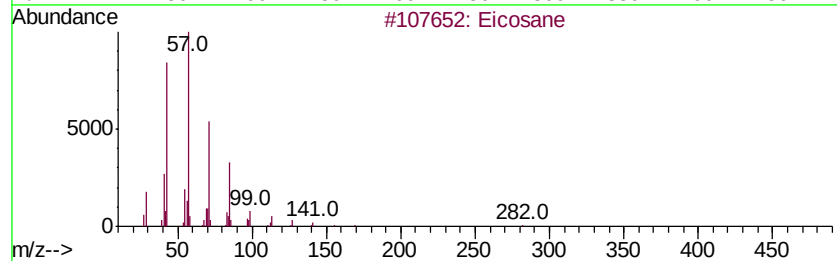
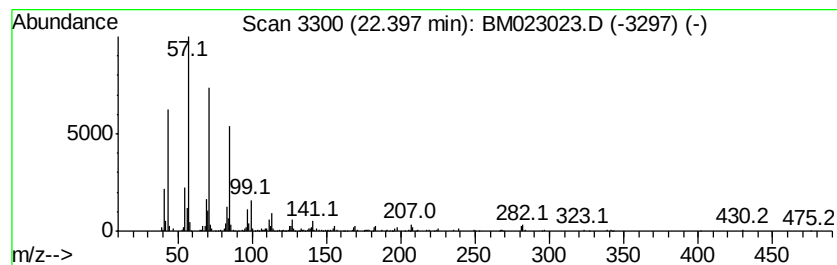
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.18 ng/ul	277432	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



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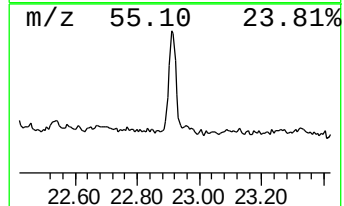
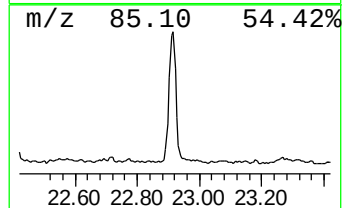
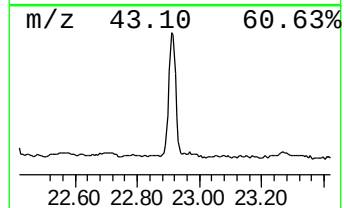
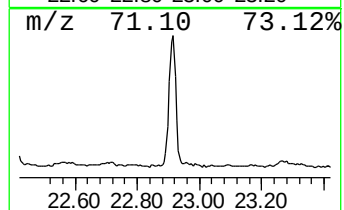
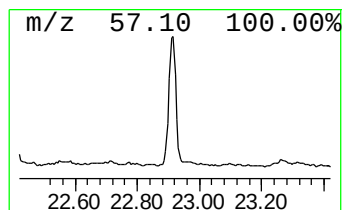
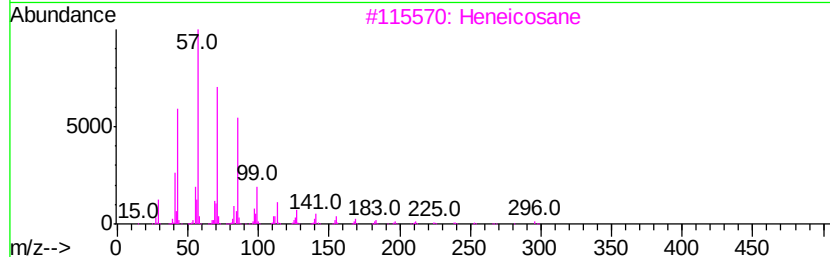
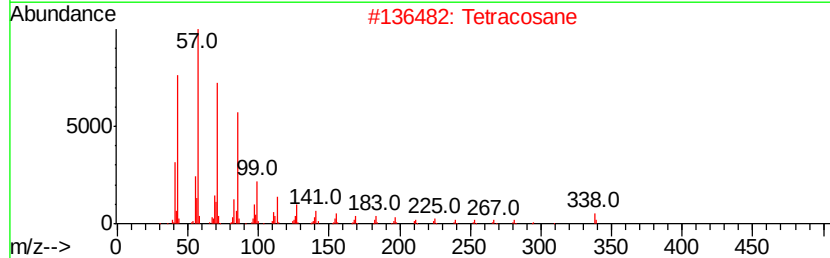
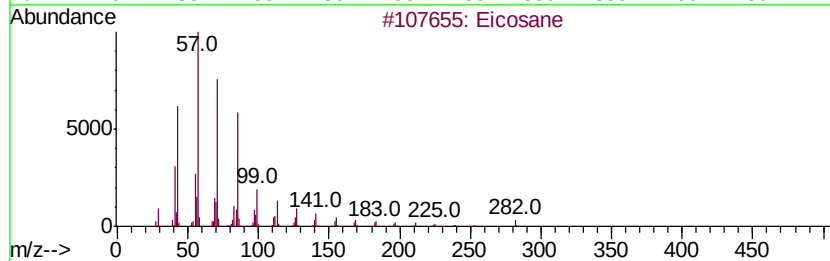
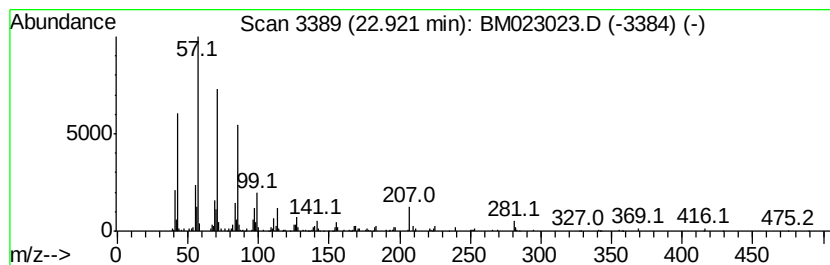
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	2.49 ng/ul	348966	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	8.0	ng/ul	531074	1	7.79	1322310	20.0
(DEL) Alkane: Cyc...	21.06	2.2	ng/ul	274658	5	21.34	2548460	20.0
(DEL) Alkane: Str...	22.40	2.2	ng/ul	277432	5	21.34	2548460	20.0
(DEL) Alkane: Str...	22.92	2.5	ng/ul	348966	6	23.59	2804540	20.0