

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
 Data File : BM017064.D
 Acq On : 08 Oct 2018 13:38
 Operator : MJ/SJ
 Sample : J5230-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z09

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	6.869	654	660	672	rVB2	894728	1630218	30.42%	2.867%
2	7.040	683	689	697	rVB	743690	1105315	20.63%	1.944%
3	7.228	715	721	731	rVB	943769	1454293	27.14%	2.557%
4	7.698	794	801	807	rVV	760485	1240605	23.15%	2.182%
5	7.757	809	811	819	rVB4	12932	19782	0.37%	0.035%
6	8.398	913	920	932	rVB	1128273	1732811	32.34%	3.047%
7	8.845	989	996	1004	rVB	897239	1424420	26.58%	2.505%
8	8.957	1011	1015	1019	rVB4	5490	7000	0.13%	0.012%
9	9.016	1021	1025	1032	rVB6	4965	7351	0.14%	0.013%
10	9.263	1063	1067	1073	rVB4	7956	11488	0.21%	0.020%
11	9.563	1112	1118	1129	rVB	643134	1005205	18.76%	1.768%
12	9.704	1138	1142	1149	rBV2	13281	21594	0.40%	0.038%
13	10.092	1201	1208	1218	rBV	1099224	1805972	33.70%	3.176%
14	10.263	1235	1237	1245	rVB4	4582	8257	0.15%	0.015%
15	10.475	1265	1273	1282	rBV	1136435	1865380	34.81%	3.280%
16	10.616	1288	1297	1311	rBV	1038911	1749007	32.64%	3.076%
17	11.222	1394	1400	1405	rBV4	10391	17767	0.33%	0.031%
18	12.063	1539	1543	1548	rBV2	17943	26935	0.50%	0.047%
19	13.163	1725	1730	1735	rBV	15479	21406	0.40%	0.038%
20	13.751	1823	1830	1834	rBV	1867483	2476802	46.22%	4.356%
21	13.798	1834	1838	1846	rVV	574313	784487	14.64%	1.380%
22	13.869	1846	1850	1854	rVB4	4997	8104	0.15%	0.014%
23	14.027	1868	1877	1886	rBV	2201020	3246355	60.58%	5.709%
24	14.245	1909	1914	1918	rVB	30684	39333	0.73%	0.069%
25	14.333	1921	1929	1937	rBV2	1603689	2382344	44.46%	4.190%
26	14.445	1944	1948	1953	rVB2	2458	5504	0.10%	0.010%
27	14.539	1956	1964	1977	rBV	659823	922306	17.21%	1.622%
28	14.757	1996	2001	2005	rBV6	6187	10302	0.19%	0.018%
29	14.863	2016	2019	2026	rVV4	6239	9637	0.18%	0.017%
30	14.933	2026	2031	2036	rVB2	6827	9466	0.18%	0.017%
31	15.151	2064	2068	2072	rBV6	3358	6641	0.12%	0.012%
32	15.198	2072	2076	2081	rVB	22804	26469	0.49%	0.047%
33	15.333	2092	2099	2109	rVB	2792550	3984970	74.37%	7.008%
34	15.451	2113	2119	2130	rBV	537891	724826	13.53%	1.275%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
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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 >
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35	15.568	2135	2139	2143	rBV2	29923	38029	0.71%	0.067%
36	15.815	2177	2181	2185	rBV4	3597	6400	0.12%	0.011%
37	16.063	2219	2223	2226	rBV4	11904	16379	0.31%	0.029%
38	16.239	2250	2253	2257	rVB4	4196	5705	0.11%	0.010%
39	16.857	2354	2358	2364	rBV5	9624	21361	0.40%	0.038%
40	17.080	2390	2396	2407	rBV2	1874116	2703426	50.45%	4.754%
41	17.180	2407	2413	2423	rBV2	2878144	4076673	76.08%	7.169%
42	17.592	2480	2483	2488	rVB4	11078	13256	0.25%	0.023%
43	17.768	2507	2513	2517	rBV7	10560	20639	0.39%	0.036%
44	17.986	2545	2550	2557	rBV	195303	289483	5.40%	0.509%
45	18.286	2598	2601	2603	rBV2	17810	17894	0.33%	0.031%
46	18.921	2706	2709	2715	rBV4	29904	53777	1.00%	0.095%
47	19.115	2738	2742	2745	rBV2	55780	87562	1.63%	0.154%
48	19.268	2764	2768	2776	rBV	122021	200853	3.75%	0.353%
49	19.362	2781	2784	2789	rVB	34032	46547	0.87%	0.082%
50	19.480	2798	2804	2811	rBV	3595155	4862204	90.74%	8.551%
51	19.539	2812	2814	2818	rVB3	47746	50460	0.94%	0.089%
52	20.039	2896	2899	2903	rBV	66754	72387	1.35%	0.127%
53	20.539	2980	2984	2988	rBV	108159	131077	2.45%	0.231%
54	20.997	3058	3062	3071	rBV	295870	412416	7.70%	0.725%
55	21.268	3104	3108	3119	rBV	2577768	3374079	62.97%	5.934%
56	21.439	3134	3137	3141	rVB	205645	211987	3.96%	0.373%
57	21.868	3207	3210	3220	rVB	224254	311480	5.81%	0.548%
58	22.327	3284	3288	3299	rBV2	455610	776521	14.49%	1.366%
59	22.833	3371	3374	3380	rVB	308086	403557	7.53%	0.710%
60	23.356	3456	3463	3468	rBV	2915657	5358508	100.00%	9.423%
61	23.497	3481	3487	3498	rVB2	1858871	3509499	65.49%	6.172%

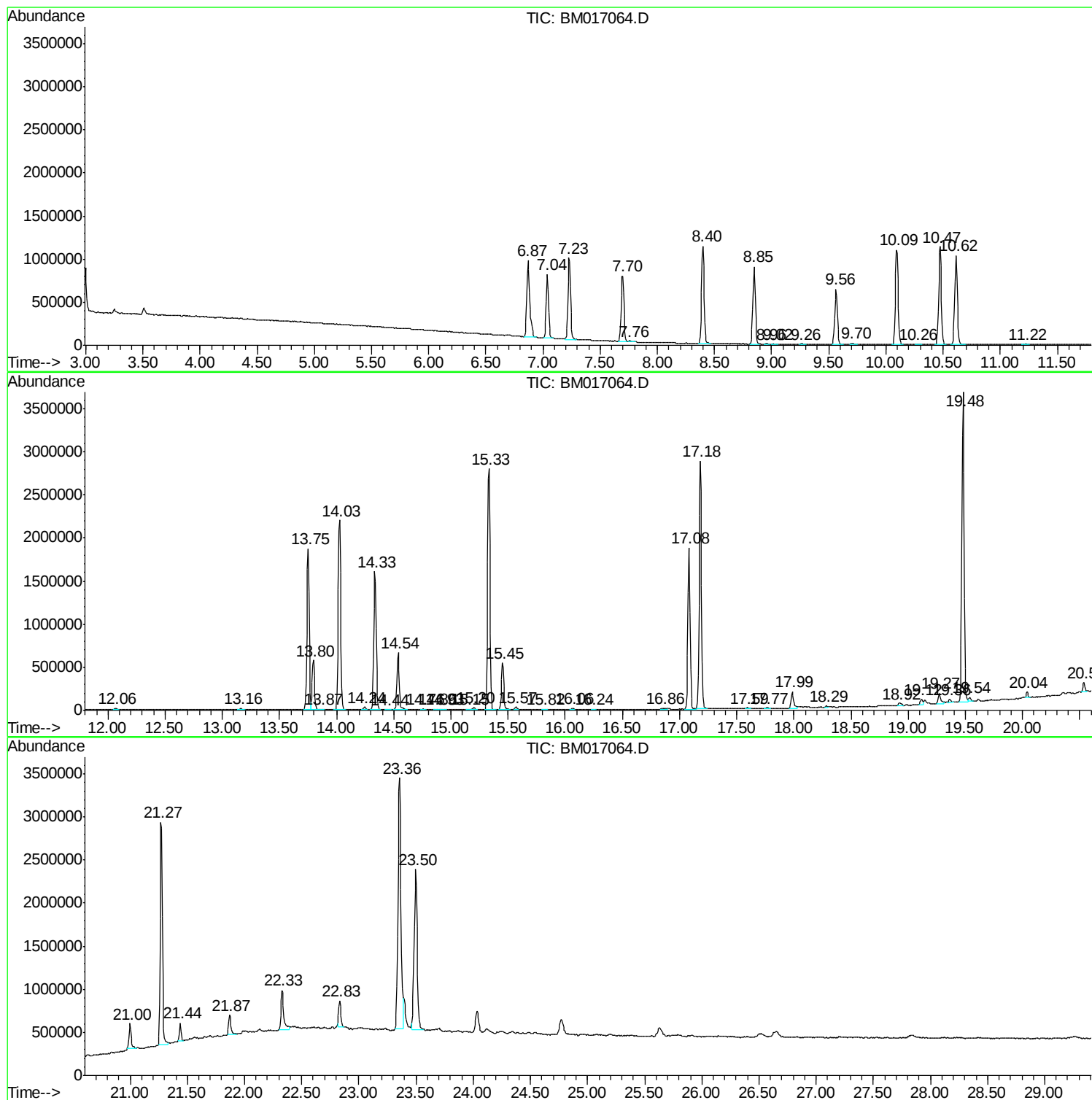
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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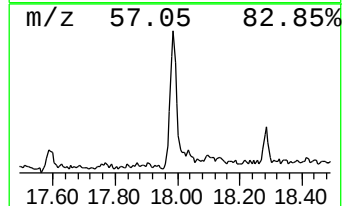
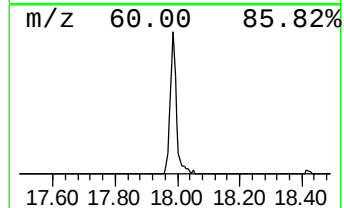
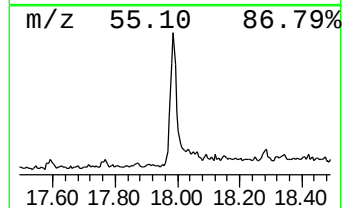
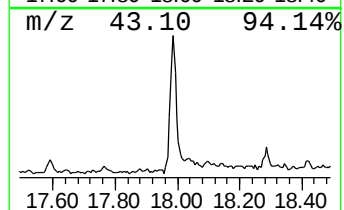
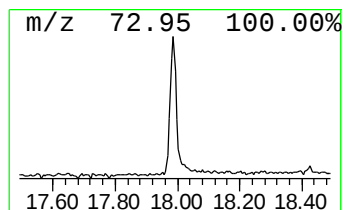
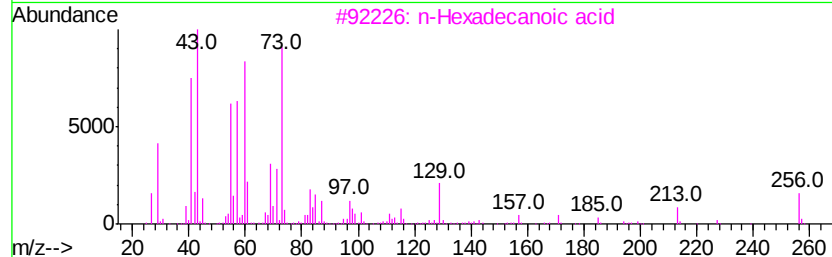
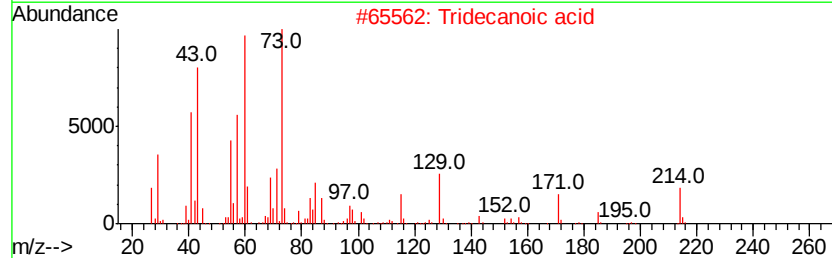
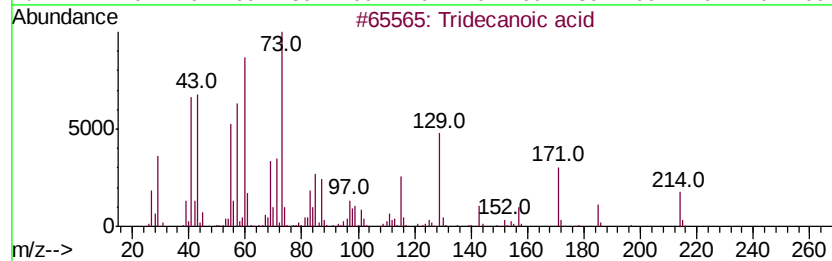
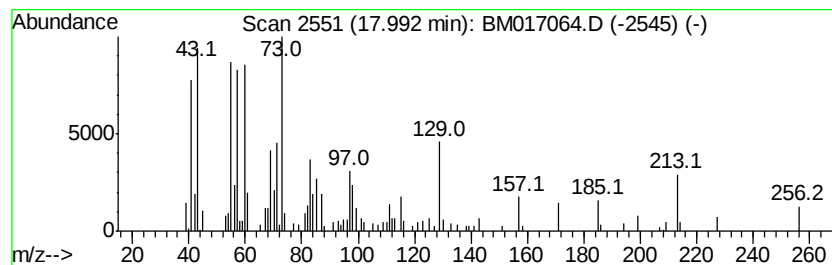
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.14 ng/ul	289483	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	70
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4		Amyl Nitrite	117	C5H11NO2	000110-46-3	27
5		Amyl Nitrite	117	C5H11NO2	000110-46-3	22



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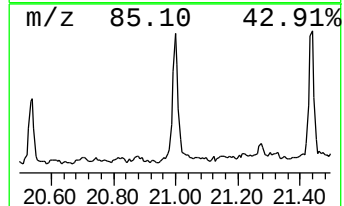
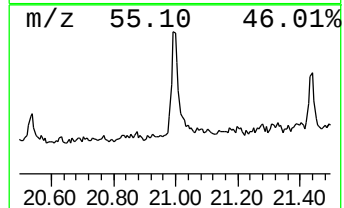
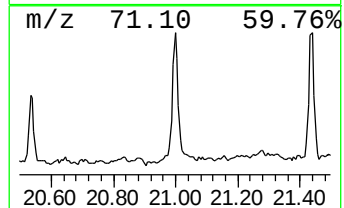
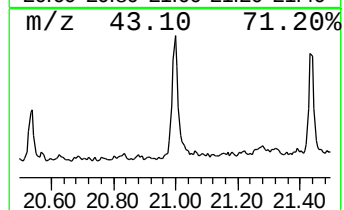
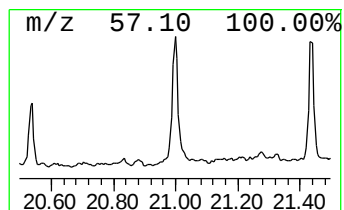
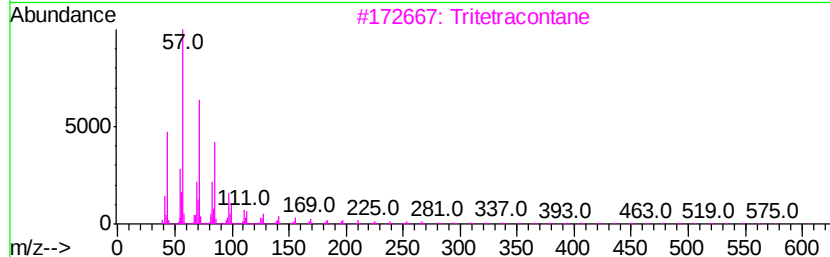
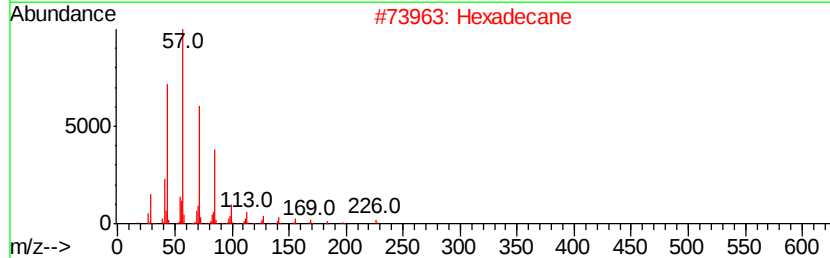
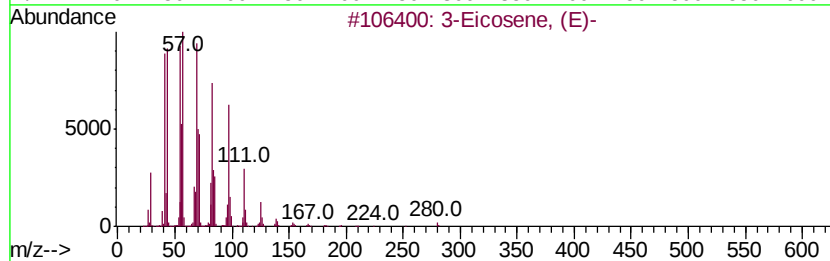
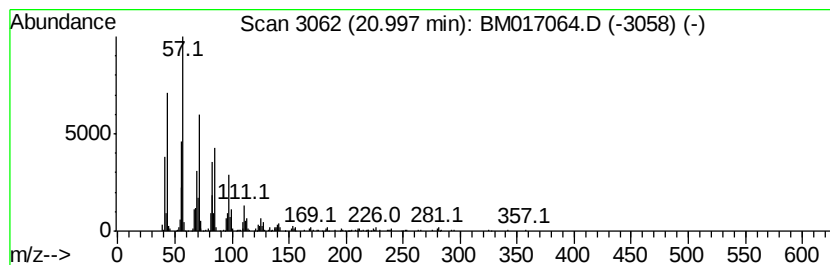
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.44 ng/ul	412416	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Hexadecane	226	C16H34	000544-76-3	93
3		Tritetracontane	605	C43H88	007098-21-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane	184	C13H28	000629-50-5	70



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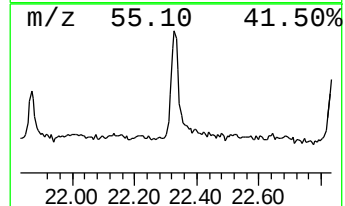
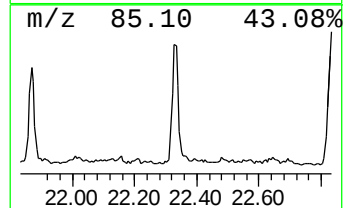
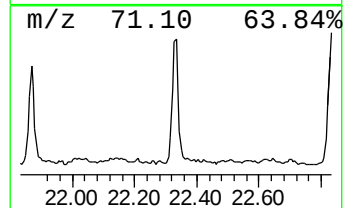
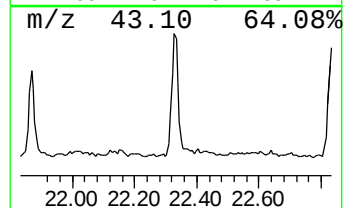
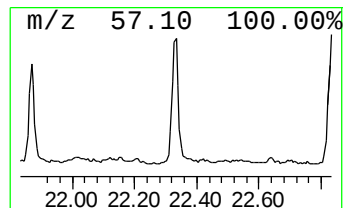
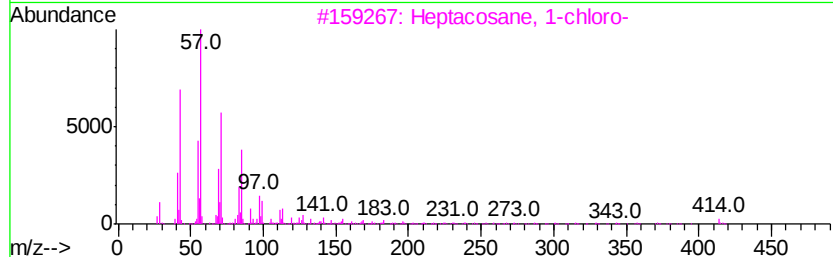
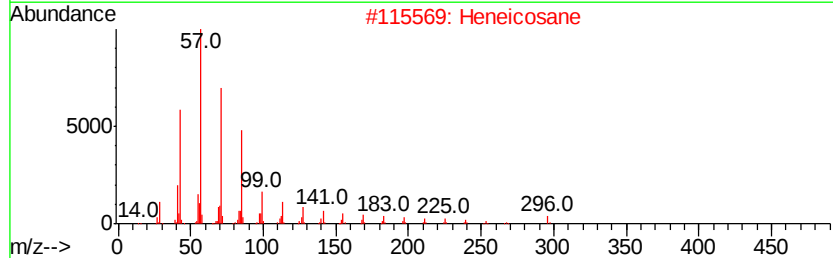
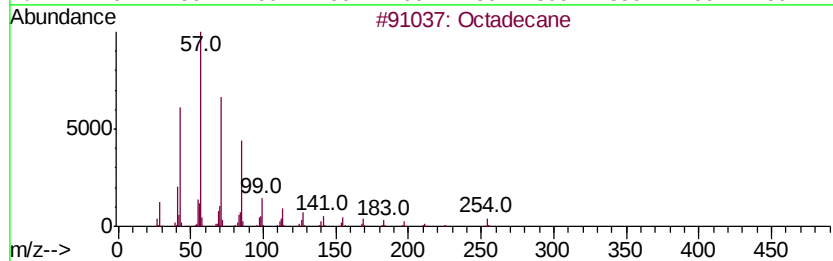
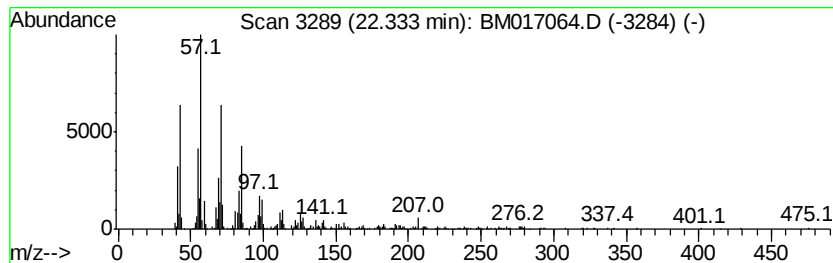
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	4.60 ng/ul	776521	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	78
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	76
4		Dodecane	170	C12H26	000112-40-3	70
5		Tritetracontane	605	C43H88	007098-21-7	68



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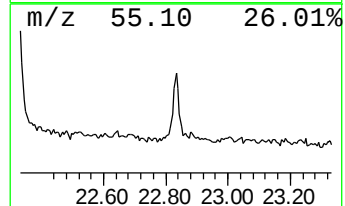
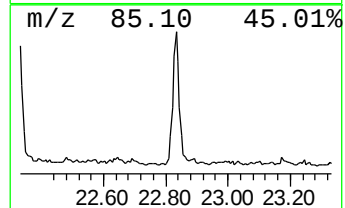
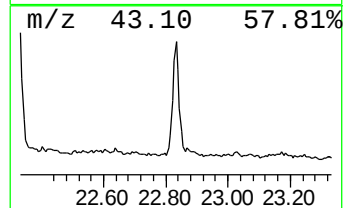
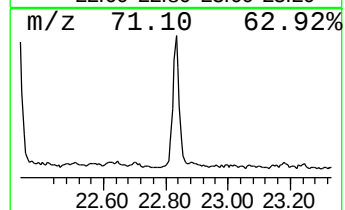
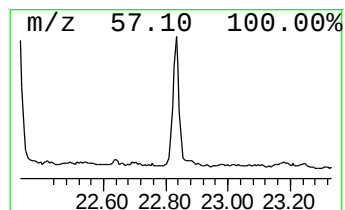
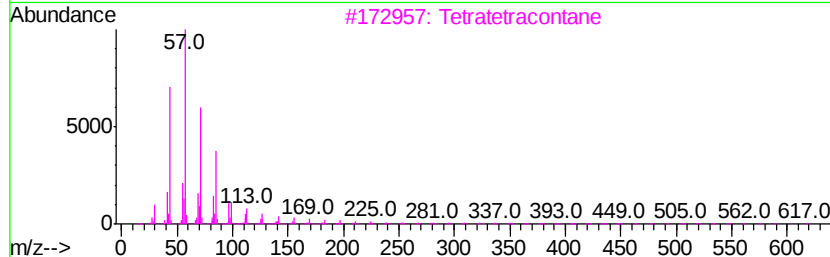
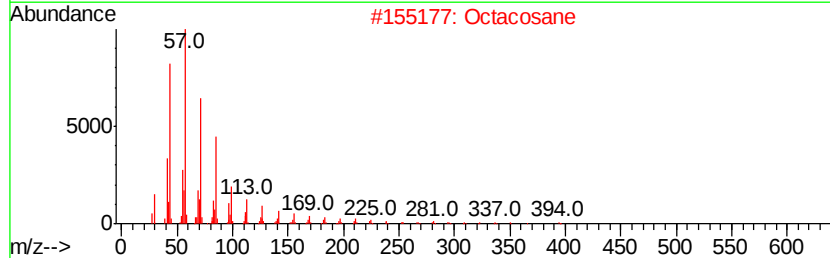
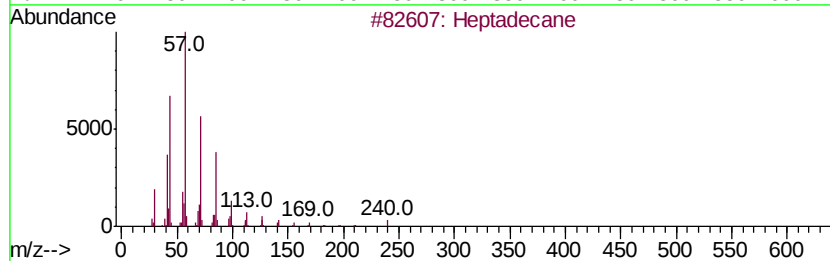
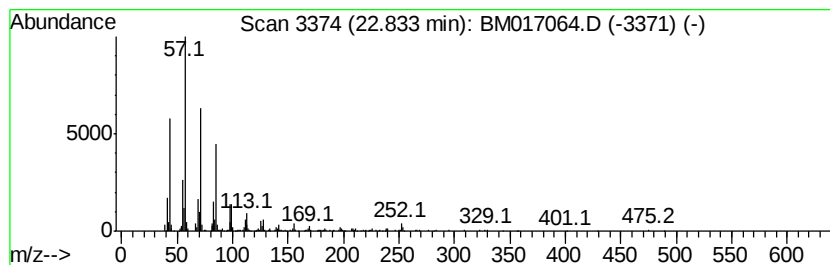
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.30 ng/ul	403557	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.99	2.1	ng/ul	289483	4	17.08	2703430	20.0
(DEL) Alkane: Cyc...	21.00	2.4	ng/ul	412416	5	21.27	3374080	20.0
(DEL) Alkane: Str...	22.33	4.6	ng/ul	776521	5	21.27	3374080	20.0
(DEL) Alkane: Str...	22.83	2.3	ng/ul	403557	6	23.50	3509500	20.0