

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021500.D
 Acq On : 17 Jul 2019 21:40
 Operator : HP/JU
 Sample : K3772-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52P6

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-BM070819MA.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	6.898	660	665	679	rVB	163560	293708	5.64%	0.685%
2	7.069	688	694	704	rVB	458024	756110	14.53%	1.763%
3	7.257	720	726	739	rVB	565279	944675	18.16%	2.203%
4	7.722	799	805	812	rVB	640666	1011044	19.43%	2.358%
5	8.428	919	925	936	rVB	448754	740356	14.23%	1.727%
6	8.887	996	1003	1012	rBV	634007	1056075	20.30%	2.463%
7	9.598	1117	1124	1138	rVB	522642	866866	16.66%	2.022%
8	10.134	1208	1215	1234	rBV	739093	1418760	27.27%	3.309%
9	10.504	1271	1278	1287	rVB	851310	1398806	26.88%	3.262%
10	10.675	1302	1307	1313	rBV3	25149	42517	0.82%	0.099%
11	11.192	1388	1395	1400	rBV2	4991	9143	0.18%	0.021%
12	12.022	1530	1536	1541	rBV5	3419	8516	0.16%	0.020%
13	12.104	1545	1550	1558	rVB2	9782	17057	0.33%	0.040%
14	12.957	1692	1695	1700	rBV3	4875	7258	0.14%	0.017%
15	13.780	1829	1835	1840	rBV	1585186	2184850	41.99%	5.095%
16	13.827	1840	1843	1850	rVB	200809	265220	5.10%	0.619%
17	14.057	1875	1882	1893	rBV	1786546	2609628	50.15%	6.086%
18	14.363	1927	1934	1946	rBV2	1190504	1860518	35.76%	4.339%
19	14.604	1969	1975	1988	rBV	66708	157444	3.03%	0.367%
20	14.780	2000	2005	2009	rBV4	6307	10088	0.19%	0.024%
21	15.121	2058	2063	2066	rBV	13667	18125	0.35%	0.042%
22	15.157	2066	2069	2072	rVV2	4738	6546	0.13%	0.015%
23	15.210	2072	2078	2084	rVB5	3975	8655	0.17%	0.020%
24	15.363	2097	2104	2120	rBV	2420145	3376242	64.89%	7.874%
25	15.498	2120	2127	2136	rVV	540096	775138	14.90%	1.808%
26	15.604	2140	2145	2149	rVB2	23932	33333	0.64%	0.078%
27	15.739	2164	2168	2171	rBV4	3468	5428	0.10%	0.013%
28	16.057	2216	2222	2225	rBV4	6284	11004	0.21%	0.026%
29	16.145	2233	2237	2241	rVB4	11131	14112	0.27%	0.033%
30	16.333	2262	2269	2273	rBV5	5317	12541	0.24%	0.029%
31	16.868	2357	2360	2362	rVB4	4503	5439	0.10%	0.013%
32	16.904	2362	2366	2372	rBV5	8049	12727	0.24%	0.030%
33	16.998	2377	2382	2384	rBV5	4032	6050	0.12%	0.014%
34	17.115	2396	2402	2412	rBV2	1593595	2251030	43.26%	5.250%

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Max Peaks: 100
Peak Location: TOP

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Peak separation: 5

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35	17.215	2413	2419	2431	rVV	2495785	3510120	67.46%	8.186%
36	17.327	2435	2438	2441	rVB4	7280	9441	0.18%	0.022%
37	17.468	2458	2462	2466	rBV5	11178	17513	0.34%	0.041%
38	17.504	2466	2468	2473	rVB4	4928	7066	0.14%	0.016%
39	17.886	2530	2533	2535	rVV4	3902	5274	0.10%	0.012%
40	18.009	2549	2554	2564	rBV	247024	405329	7.79%	0.945%
41	18.086	2564	2567	2570	rVB2	12632	17768	0.34%	0.041%
42	18.357	2610	2613	2619	rBV5	12477	18995	0.37%	0.044%
43	18.751	2677	2680	2687	rBV5	11953	15471	0.30%	0.036%
44	19.145	2744	2747	2751	rBV	36708	55333	1.06%	0.129%
45	19.292	2767	2772	2783	rBV	146408	258363	4.97%	0.603%
46	19.398	2787	2790	2794	rVB	22755	33719	0.65%	0.079%
47	19.515	2803	2810	2821	rBV	3158998	4471485	85.94%	10.428%
48	21.015	3061	3065	3073	rBV3	198621	365555	7.03%	0.853%
49	21.303	3109	3114	3124	rBV	1976245	2651627	50.96%	6.184%
50	21.880	3209	3212	3216	rBV	148931	176817	3.40%	0.412%
51	22.344	3288	3291	3297	rVB	234078	303504	5.83%	0.708%
52	22.856	3374	3378	3384	rVB	280163	409666	7.87%	0.955%
53	23.421	3467	3474	3487	rVB	2815949	5203185	100.00%	12.134%
54	23.562	3492	3498	3510	rVB	1442603	2748391	52.82%	6.410%

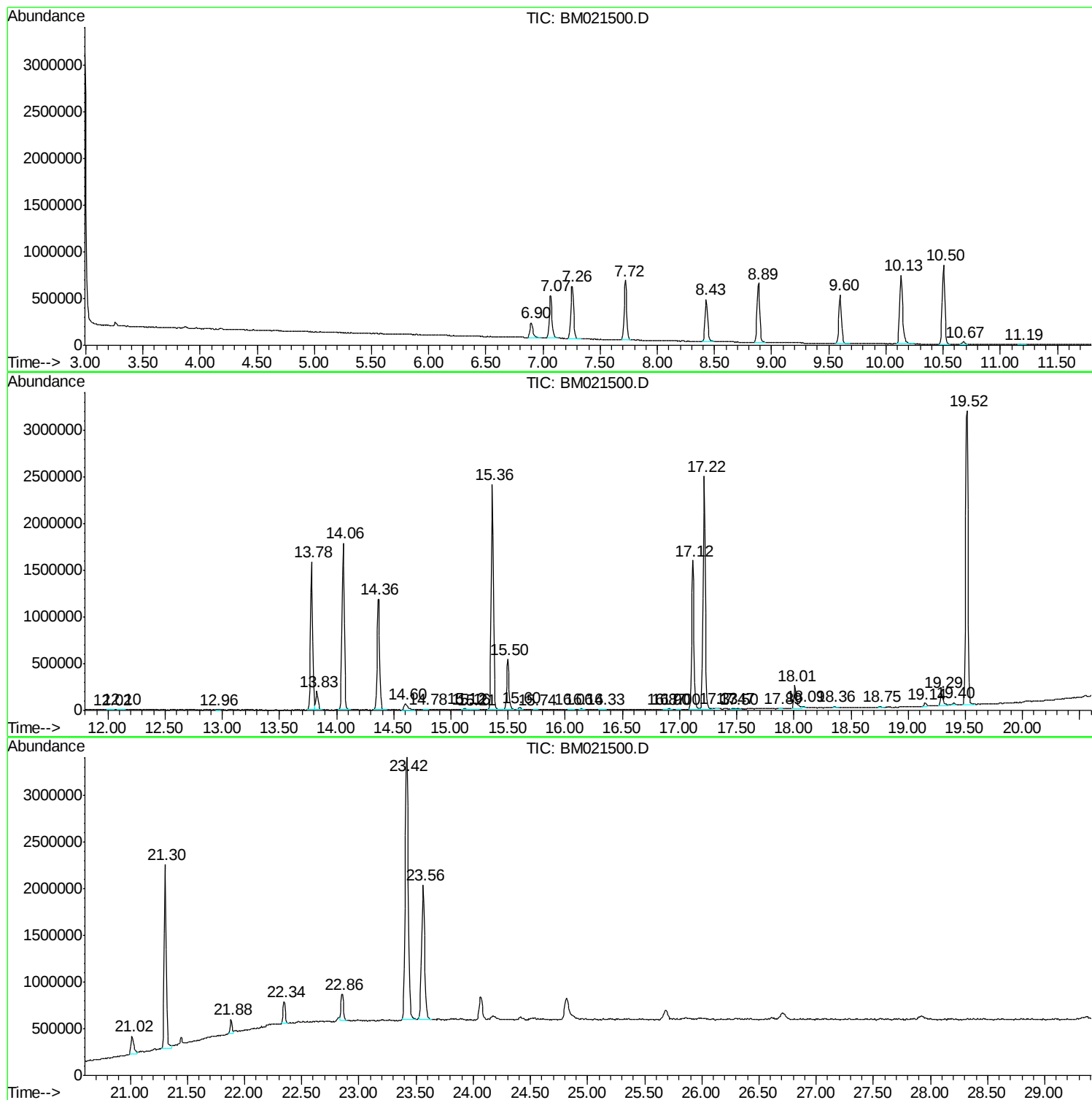
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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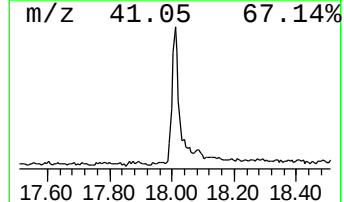
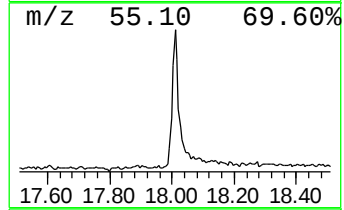
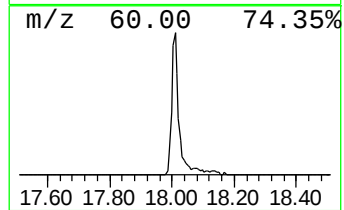
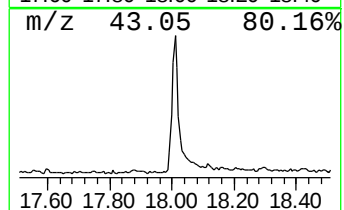
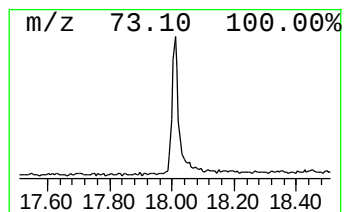
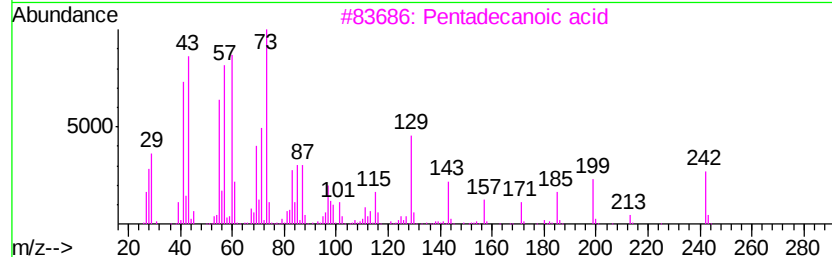
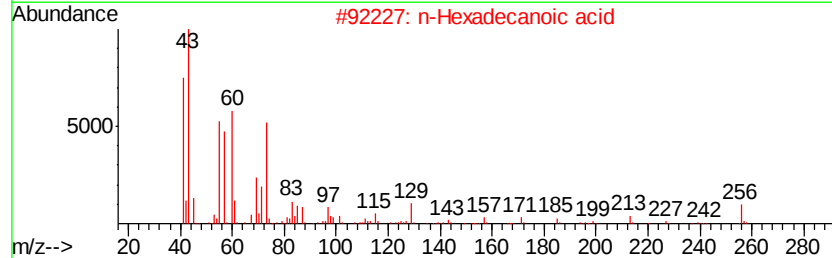
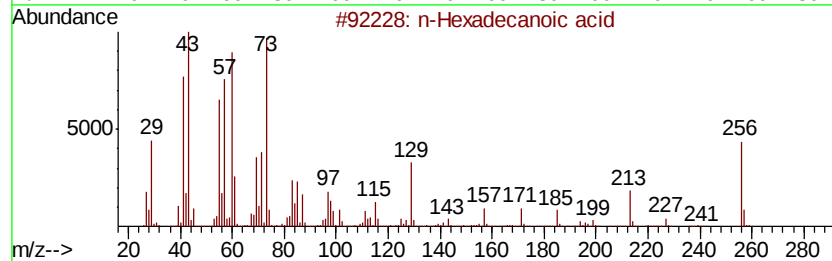
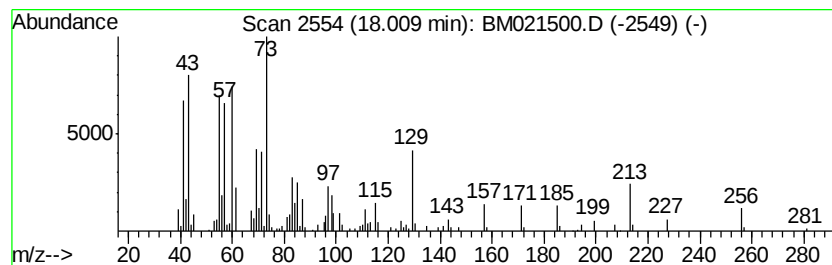
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	3.60 ng/ul	405329	Phenanthrene-d10	17.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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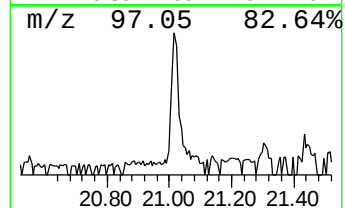
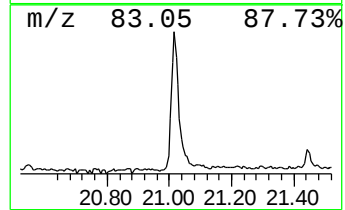
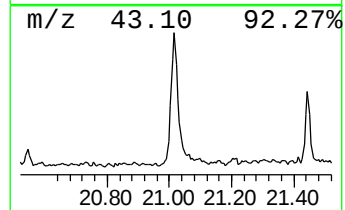
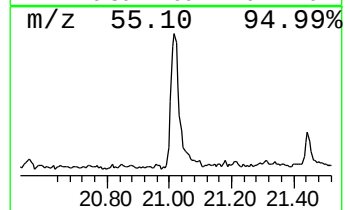
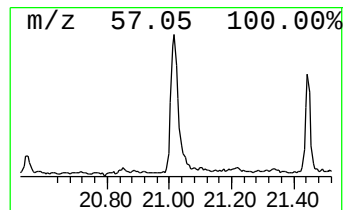
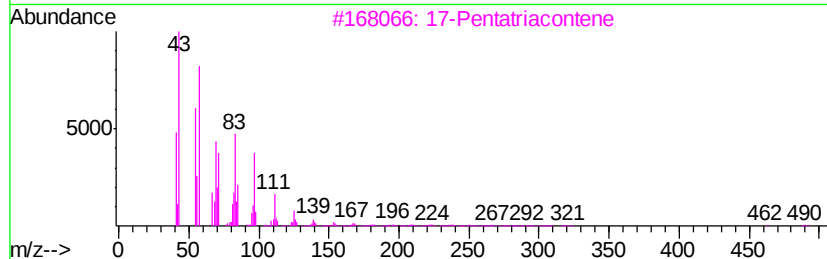
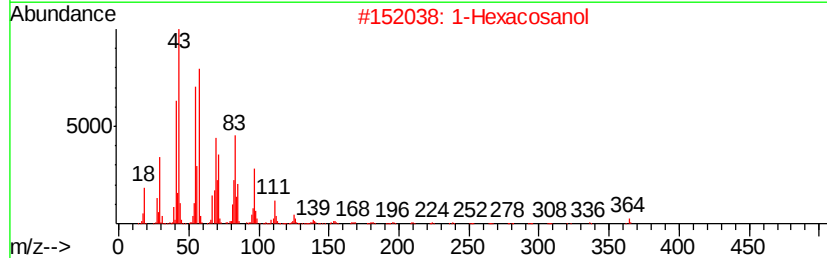
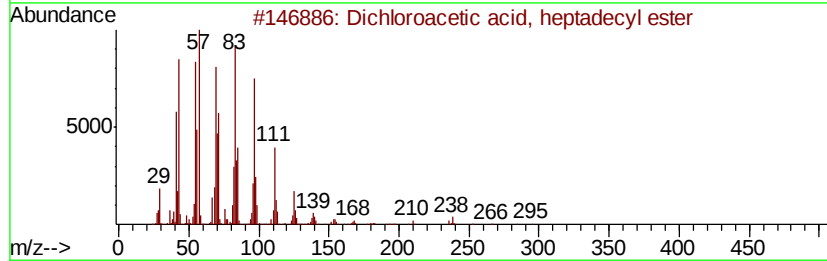
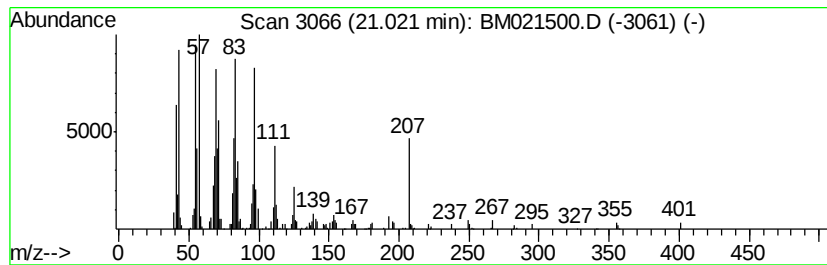
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.76 ng/ul	365555	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		1-Hexacosanol	382	C26H54O	000506-52-5	90
3		17-Pentatriacontene	491	C35H70	006971-40-0	87
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5		1-Tetracosanol	354	C24H50O	000506-51-4	83



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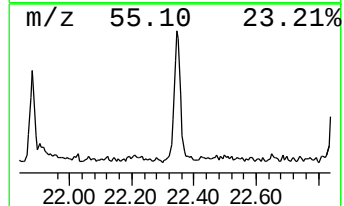
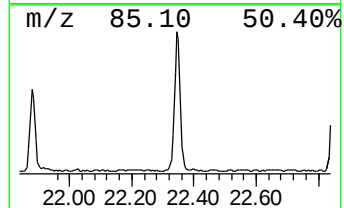
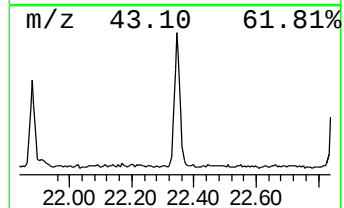
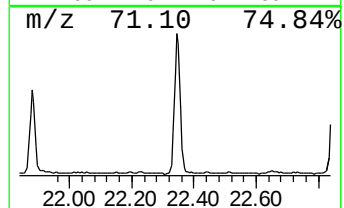
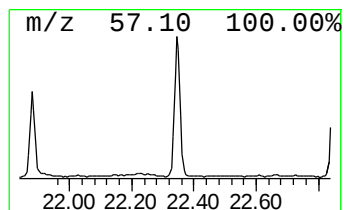
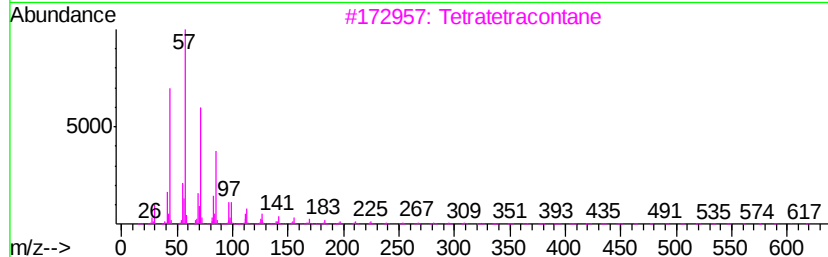
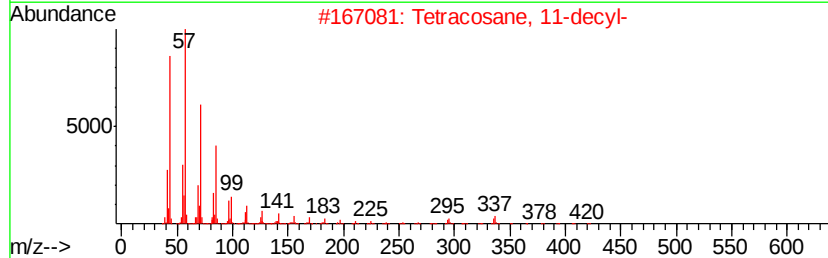
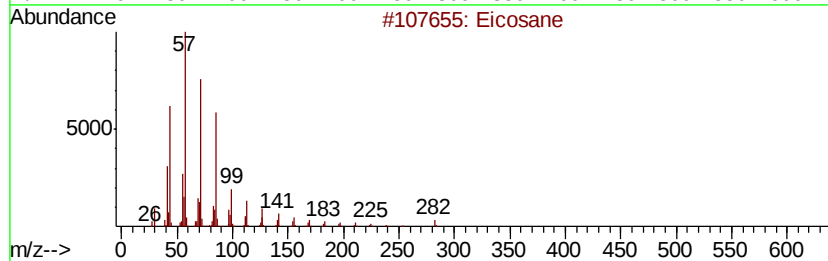
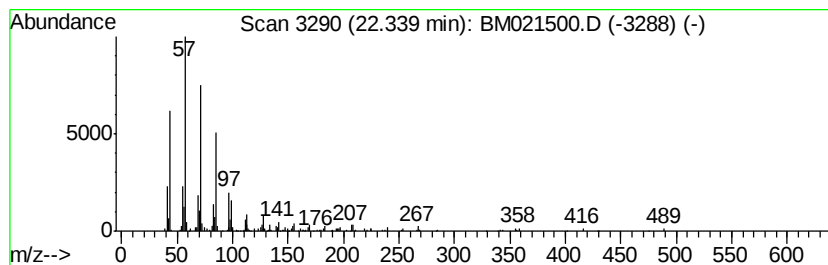
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.29 ng/ul	303504	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



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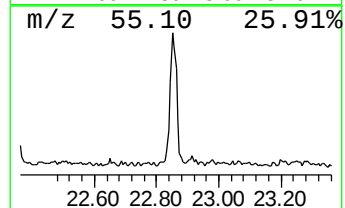
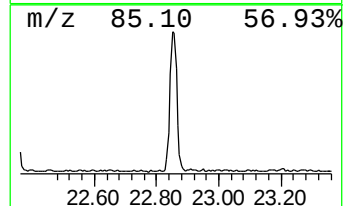
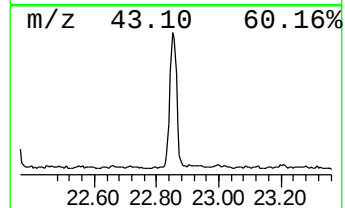
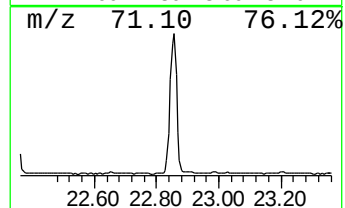
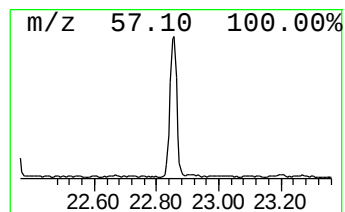
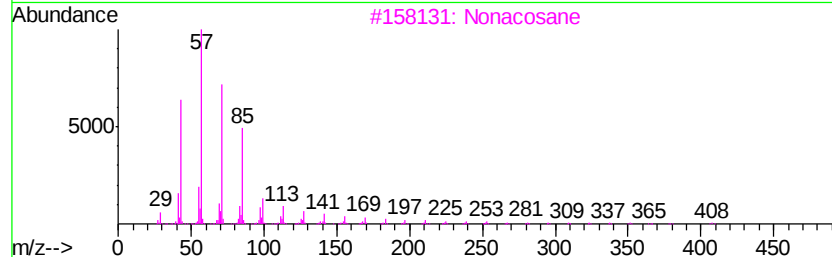
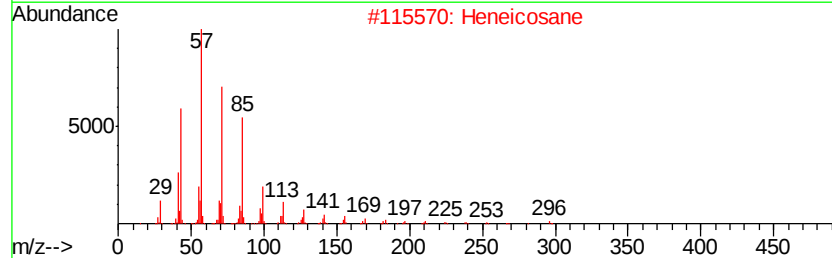
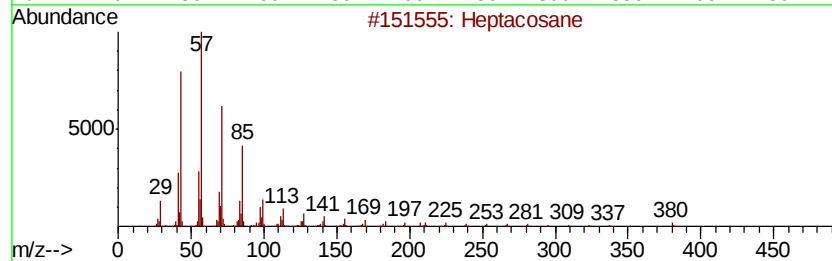
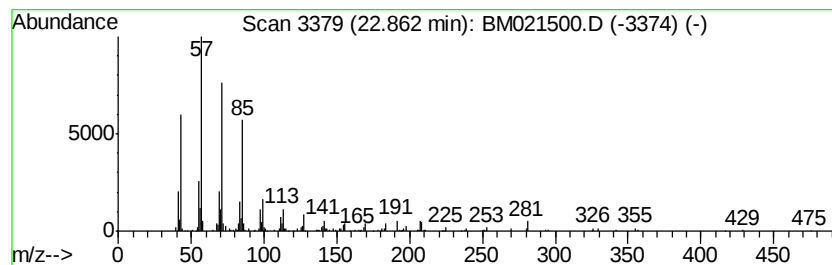
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.98 ng/ul	409666	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heptadecane	240	C17H36	000629-78-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.01	3.6	ng/ul	405329	4	17.12	2251030	20.0
Dichloroacetic ac...	21.02	2.8	ng/ul	365555	5	21.30	2651630	20.0
(DEL) Alkane: Str...	22.34	2.3	ng/ul	303504	5	21.30	2651630	20.0
(DEL) Alkane: Str...	22.86	3.0	ng/ul	409666	6	23.56	2748390	20.0