

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030089.D
 Acq On : 20 May 2021 14:12
 Operator : CG/JU
 Sample : M2463-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB3Z7

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\SFAM-EPA-BM050721.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	3.034	22	25	29	rBV	42308	54153	1.39%	0.139%
2	3.451	93	96	125	rBV	295562	767810	19.75%	1.964%
3	3.745	143	146	157	rVB4	17227	31271	0.80%	0.080%
4	4.657	297	301	308	rBV	17932	31361	0.81%	0.080%
5	5.928	514	517	521	rVB2	4634	6309	0.16%	0.016%
6	6.510	611	616	620	rBV2	8723	12793	0.33%	0.033%
7	6.704	643	649	666	rBV	560460	1045585	26.90%	2.675%
8	6.863	670	676	692	rVV	449229	769890	19.81%	1.970%
9	7.051	701	708	721	rBV	629919	1101069	28.33%	2.817%
10	7.351	757	759	764	rVB5	2679	4018	0.10%	0.010%
11	7.510	780	786	804	rBV	510384	887524	22.83%	2.270%
12	7.733	819	824	832	rVB3	18230	32052	0.82%	0.082%
13	8.039	872	876	881	rBV3	9336	15284	0.39%	0.039%
14	8.180	896	900	903	rBV4	5527	7912	0.20%	0.020%
15	8.233	903	909	927	rBV	632338	1206404	31.04%	3.086%
16	8.669	977	983	1005	rBV	535400	1013080	26.06%	2.592%
17	9.086	1050	1054	1058	rVB4	4414	6882	0.18%	0.018%
18	9.386	1099	1105	1121	rBV	455157	852795	21.94%	2.182%
19	9.527	1127	1129	1136	rVB7	3122	5383	0.14%	0.014%
20	9.921	1190	1196	1214	rBV	613106	1222952	31.46%	3.129%
21	10.286	1251	1258	1276	rBV	707540	1232127	31.70%	3.152%
22	10.439	1278	1284	1307	rBV	496656	1186156	30.51%	3.034%
23	11.910	1528	1534	1541	rBV6	6244	13766	0.35%	0.035%
24	13.586	1813	1819	1836	rBV	1296186	1885168	48.50%	4.823%
25	13.857	1858	1865	1883	rBV	1507699	2223923	57.21%	5.689%
26	14.162	1911	1917	1926	rBV	1066756	1569637	40.38%	4.015%
27	14.415	1954	1960	1990	rBV2	149386	615974	15.85%	1.576%
28	14.621	1992	1995	2000	rVB6	11797	22453	0.58%	0.057%
29	15.162	2081	2087	2106	rBV	1943492	2774279	71.37%	7.097%
30	15.304	2106	2111	2125	rVV	561743	914727	23.53%	2.340%
31	15.409	2125	2129	2137	rVB2	27088	48314	1.24%	0.124%
32	15.956	2216	2222	2226	rBV6	6018	8360	0.22%	0.021%
33	16.062	2236	2240	2243	rVB4	2975	4423	0.11%	0.011%
34	16.703	2343	2349	2351	rBV4	2959	4178	0.11%	0.011%

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35	16.915	2379	2385	2395	rBV	1178445	1695866	43.63%	4.338%
36	17.015	2395	2402	2421	rVV	1906024	2887002	74.27%	7.386%
37	17.603	2496	2502	2507	rVB9	5961	10741	0.28%	0.027%
38	17.827	2534	2540	2558	rBV	147085	317221	8.16%	0.812%
39	18.797	2701	2705	2707	rBV4	2799	4054	0.10%	0.010%
40	18.956	2728	2732	2736	rBV2	18734	24330	0.63%	0.062%
41	19.115	2754	2759	2770	rBV3	70716	143502	3.69%	0.367%
42	19.203	2771	2774	2777	rVB2	14941	19188	0.49%	0.049%
43	19.315	2787	2793	2803	rBV	2359124	3316937	85.33%	8.485%
44	21.109	3093	3098	3110	rBV	1245907	1820743	46.84%	4.658%
45	22.132	3269	3272	3278	rVB	104284	118687	3.05%	0.304%
46	22.609	3350	3353	3360	rVB	166405	243104	6.25%	0.622%
47	23.121	3433	3440	3451	rBV	1894768	3887207	100.00%	9.944%
48	23.250	3457	3462	3477	rVB2	1005940	1935737	49.80%	4.952%
49	23.756	3543	3548	3556	rVB	279880	518788	13.35%	1.327%
50	24.456	3661	3667	3677	rVB	265592	569004	14.64%	1.456%

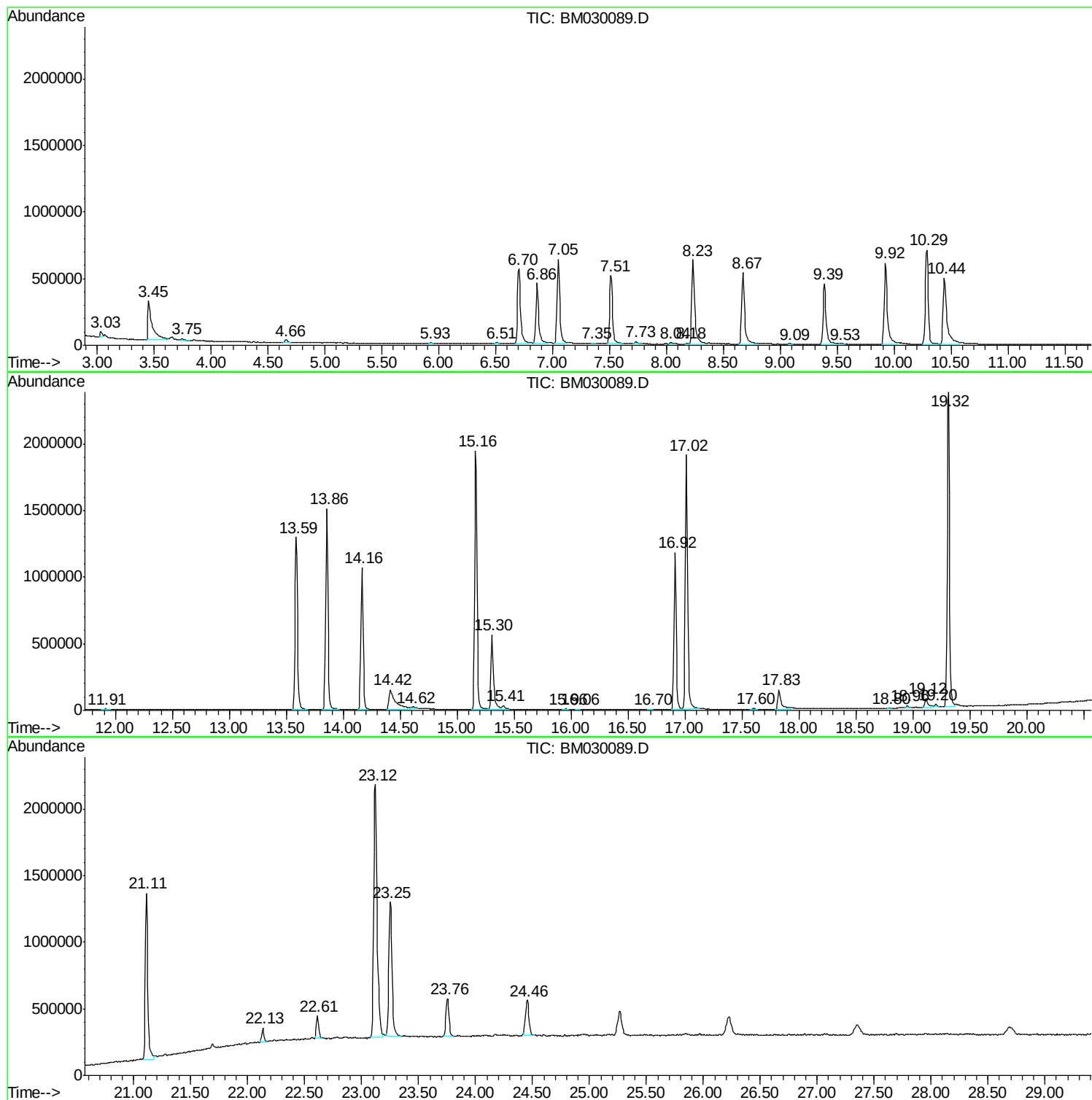
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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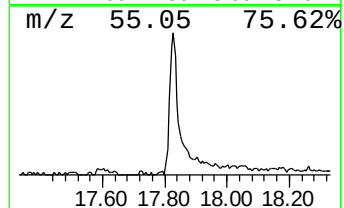
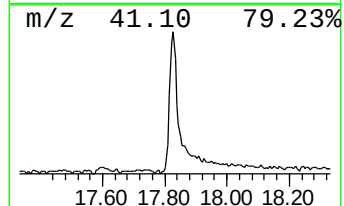
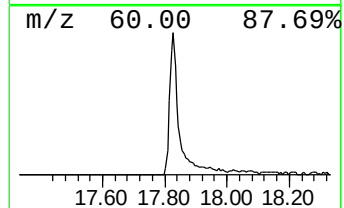
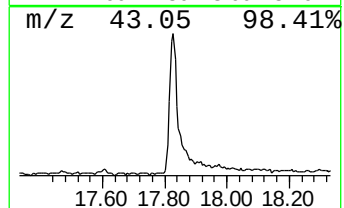
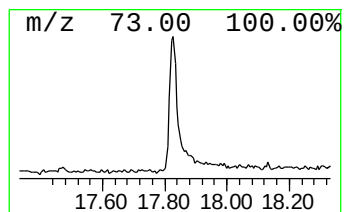
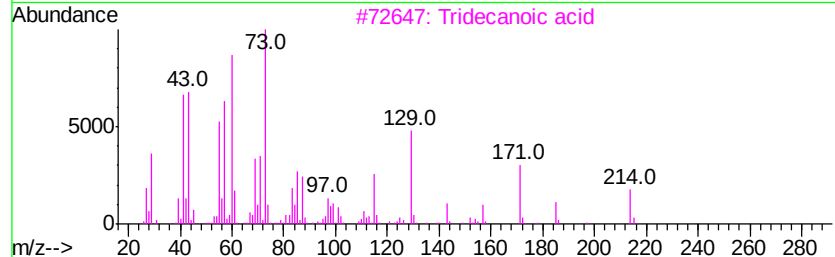
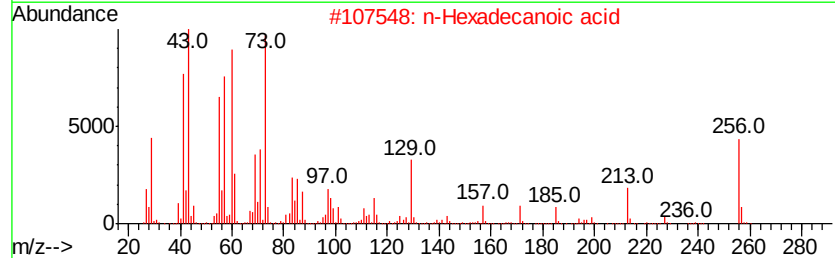
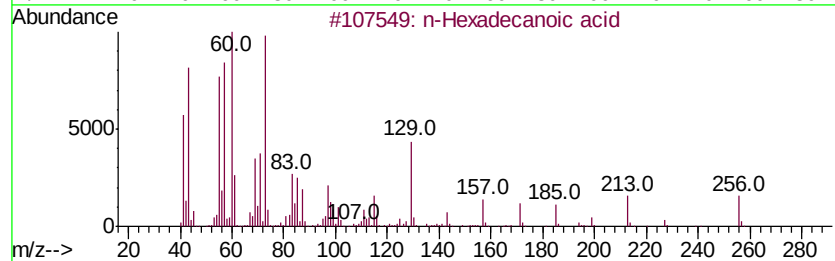
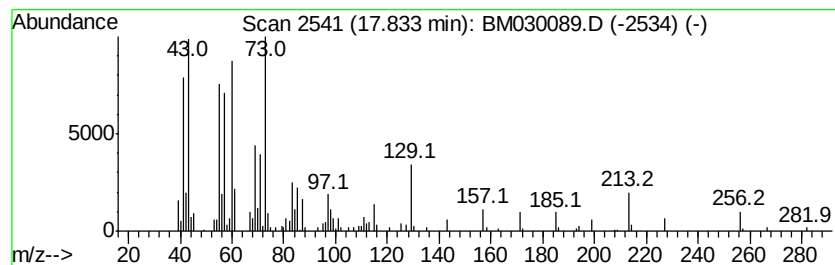
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	3.74 ng/ul	317221	Phenanthrene-d10	16.92		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89	



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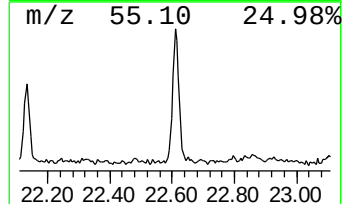
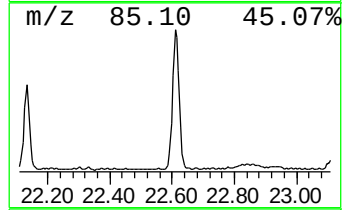
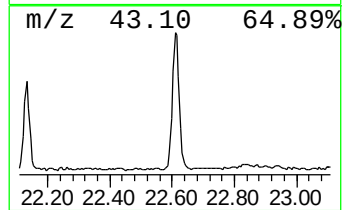
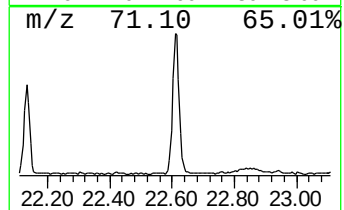
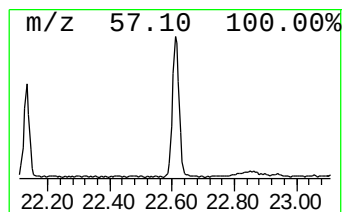
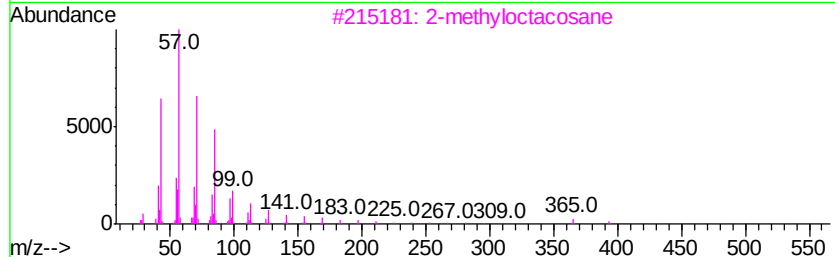
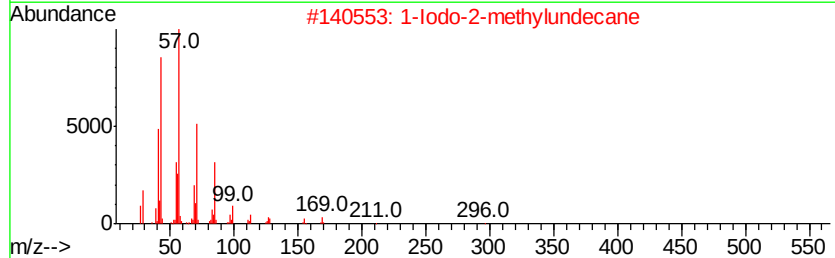
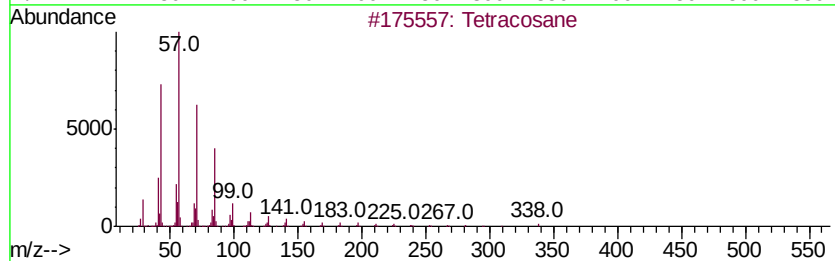
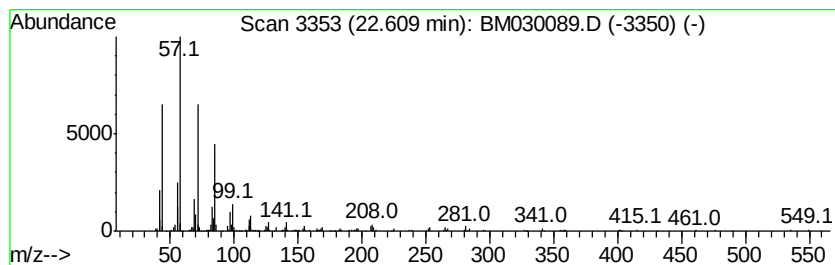
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.51 ng/ul	243104	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



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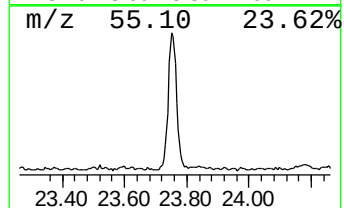
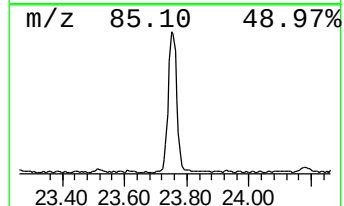
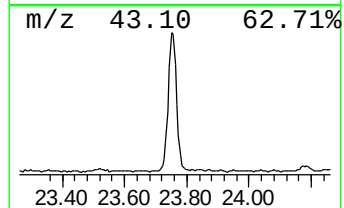
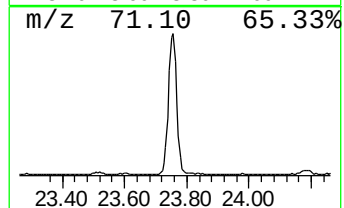
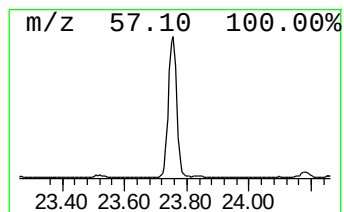
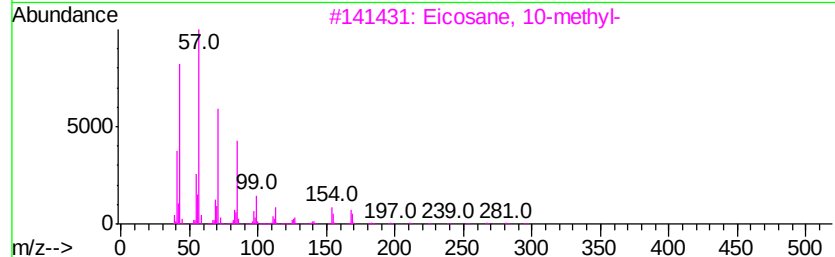
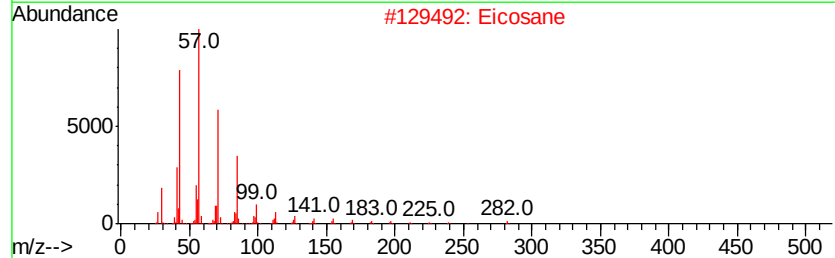
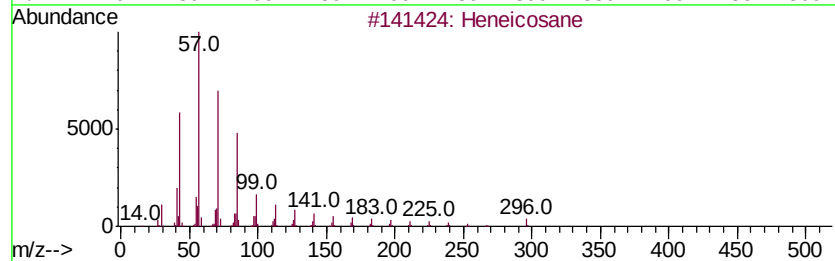
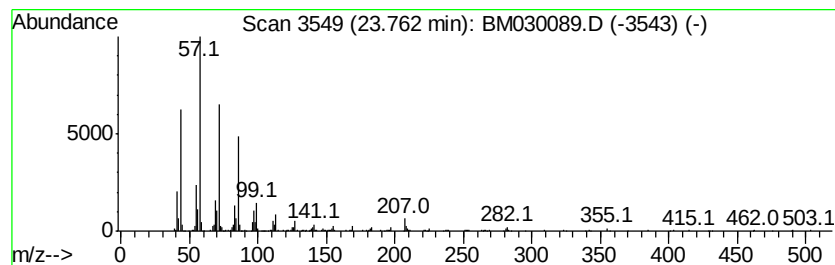
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	5.36 ng/ul	518788	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



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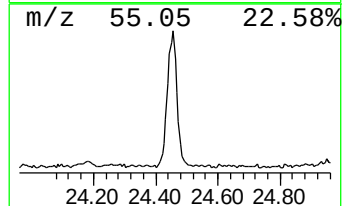
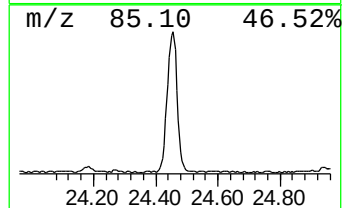
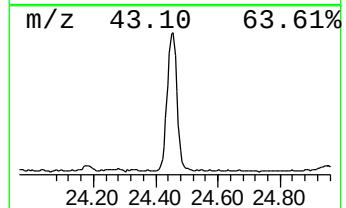
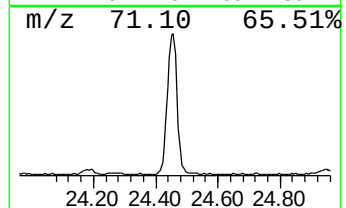
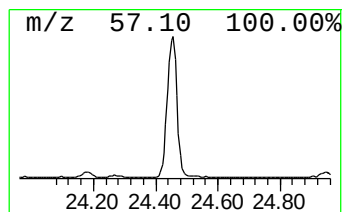
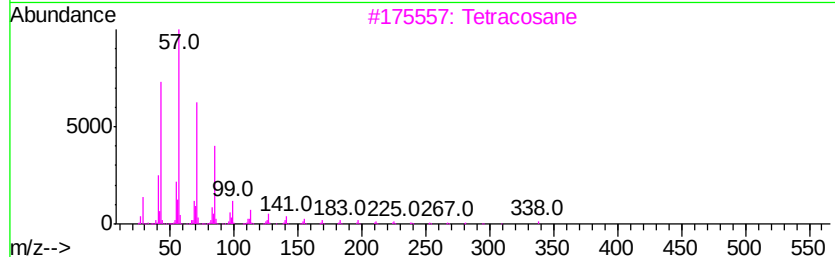
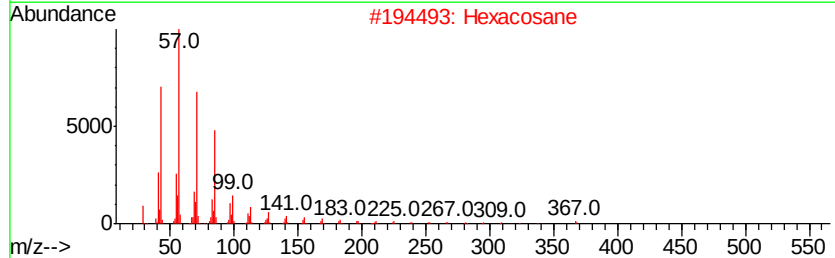
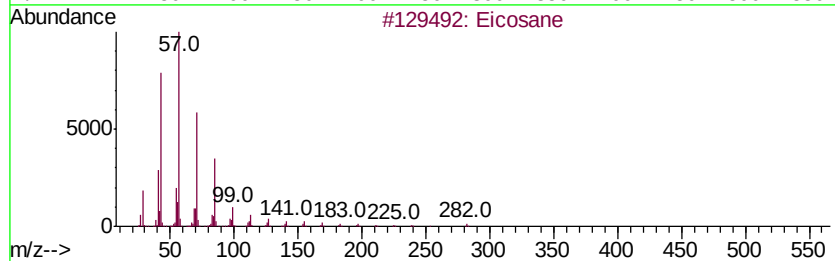
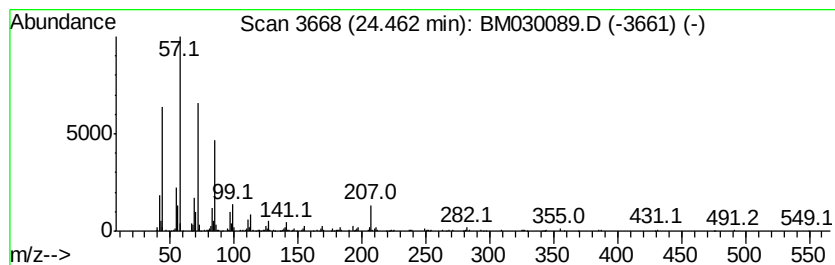
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	5.88 ng/ul	569004	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Heptacosane	380	C27H56	000593-49-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	3.7	ng/ul	317221	4	16.92	1695870	20.0
(DEL) Alkane: Str...	22.61	2.5	ng/ul	243104	6	23.25	1935740	20.0
(DEL) Alkane: Str...	23.76	5.4	ng/ul	518788	6	23.25	1935740	20.0
(DEL) Alkane: Str...	24.46	5.9	ng/ul	569004	6	23.25	1935740	20.0