

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030146.D
 Acq On : 22 May 2021 12:01
 Operator : CG/JU
 Sample : M2459-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GK6

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	37	rVB	24170	49861	0.85%	0.100%
2	3.652	128	130	136	rVB	15116	18605	0.32%	0.037%
3	3.740	142	145	152	rVB4	9230	15533	0.26%	0.031%
4	5.916	513	515	525	rVB6	3841	8139	0.14%	0.016%
5	6.704	644	649	667	rBV	98173	238422	4.05%	0.479%
6	6.857	669	675	690	rBV	421782	766652	13.01%	1.539%
7	7.045	701	707	724	rBV	479095	883117	14.99%	1.773%
8	7.504	779	785	799	rBV	604088	1035899	17.58%	2.080%
9	8.228	902	908	929	rBV	327269	680523	11.55%	1.366%
10	8.663	976	982	1000	rBV	601726	1132288	19.22%	2.273%
11	9.069	1048	1051	1060	rVB4	8470	16808	0.29%	0.034%
12	9.375	1097	1103	1124	rBV	491222	960926	16.31%	1.929%
13	9.916	1189	1195	1227	rBV	504799	1289083	21.88%	2.588%
14	10.275	1249	1256	1277	rVB	945920	1637436	27.79%	3.287%
15	10.486	1288	1292	1293	rBV4	7110	7834	0.13%	0.016%
16	11.563	1471	1475	1480	rVB3	6131	9720	0.16%	0.020%
17	11.910	1529	1534	1535	rBV5	5844	7288	0.12%	0.015%
18	13.063	1723	1730	1732	rBV4	5588	6341	0.11%	0.013%
19	13.580	1812	1818	1824	rBV	1817789	2545878	43.21%	5.111%
20	13.627	1824	1826	1836	rVB	81975	121475	2.06%	0.244%
21	13.845	1856	1863	1885	rBV	1960082	2896751	49.16%	5.815%
22	14.157	1909	1916	1929	rBV	1629131	2355797	39.98%	4.729%
23	14.445	1959	1965	1969	rBV6	18836	46097	0.78%	0.093%
24	14.927	2044	2047	2052	rBV2	4621	7764	0.13%	0.016%
25	15.157	2079	2086	2105	rBV	2735181	3919159	66.52%	7.868%
26	15.298	2105	2110	2124	rVV	973765	1503678	25.52%	3.019%
27	15.404	2124	2128	2140	rVB	37872	74131	1.26%	0.149%
28	15.945	2215	2220	2225	rVB7	8293	11917	0.20%	0.024%
29	16.704	2342	2349	2354	rBV5	9164	19793	0.34%	0.040%
30	16.904	2377	2383	2394	rBV	1933997	2781222	47.20%	5.584%
31	17.004	2394	2400	2423	rVB	3253513	4792795	81.34%	9.622%
32	17.215	2432	2436	2440	rVB6	4829	6966	0.12%	0.014%
33	17.815	2533	2538	2552	rBV	157631	302847	5.14%	0.608%
34	18.627	2673	2676	2680	rBV5	3702	6413	0.11%	0.013%

LSC Area Percent Report

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35	18.874	2715	2718	2721	rBV5	4144	6356	0.11%	0.013%
36	18.945	2726	2730	2739	rVV	34444	56832	0.96%	0.114%
37	19.109	2753	2758	2763	rBV2	45078	73376	1.25%	0.147%
38	19.198	2769	2773	2777	rVB	27691	37128	0.63%	0.075%
39	19.303	2785	2791	2808	rBV	4111507	5788221	98.24%	11.620%
40	19.433	2809	2813	2818	rVB	26631	37098	0.63%	0.074%
41	20.827	3045	3050	3062	rBV	627666	973541	16.52%	1.954%
42	21.097	3091	3096	3108	rBV	2254476	3234905	54.90%	6.494%
43	22.597	3349	3351	3356	rVB	80591	98441	1.67%	0.198%
44	23.109	3431	3438	3450	rBV	3296777	5892129	100.00%	11.829%
45	23.238	3454	3460	3473	rVB2	1766679	3256863	55.27%	6.538%
46	23.738	3542	3545	3552	rVB	121875	198891	3.38%	0.399%

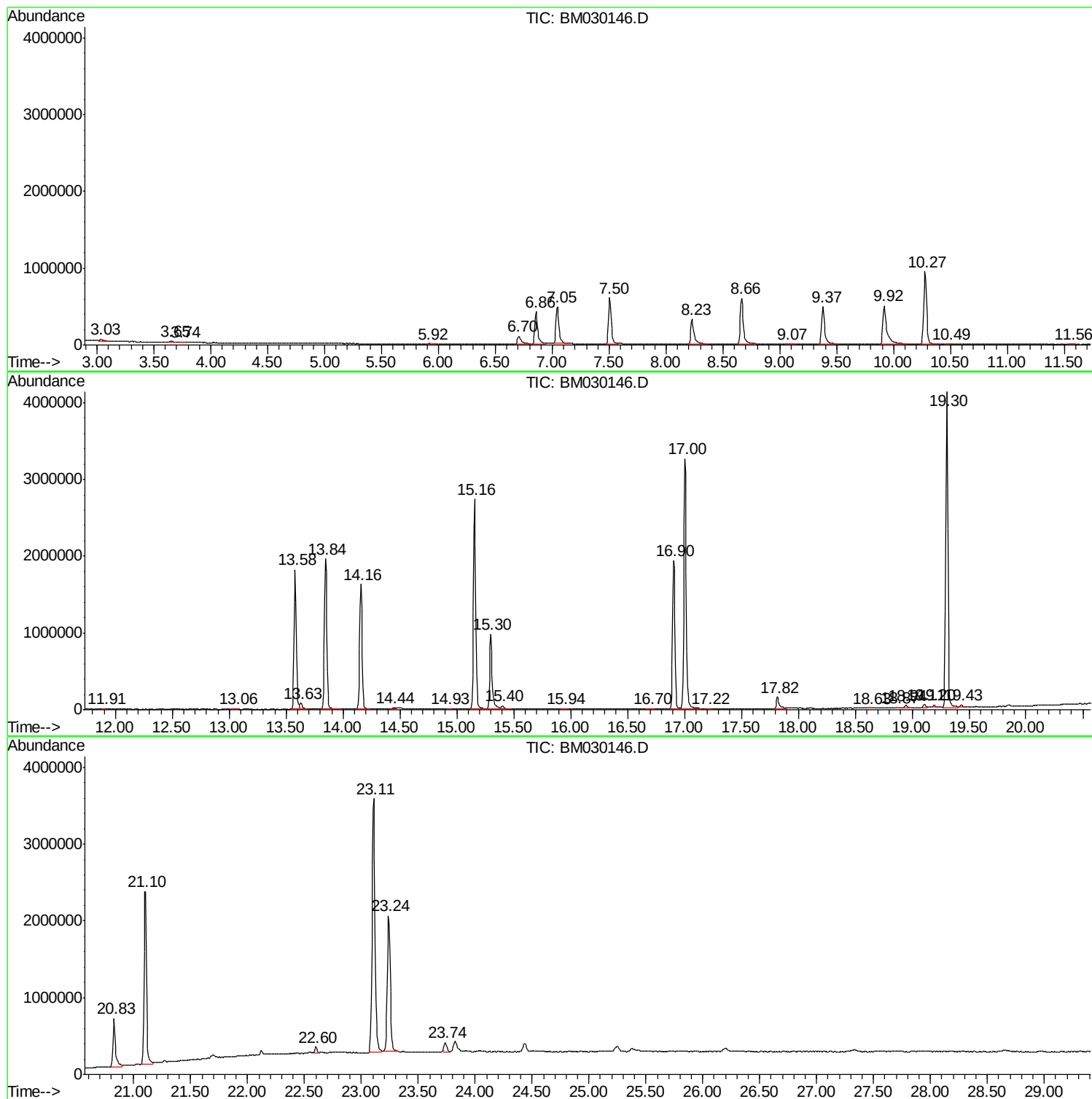
Sum of corrected areas: 49810939

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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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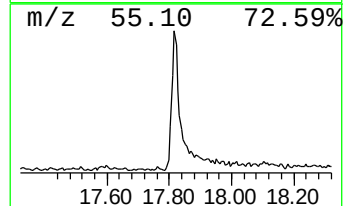
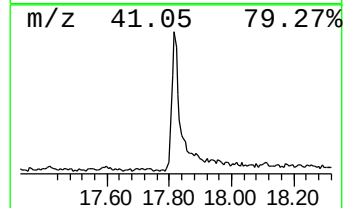
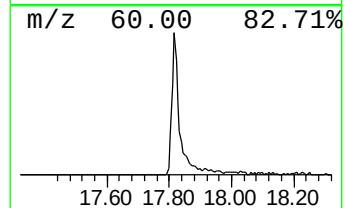
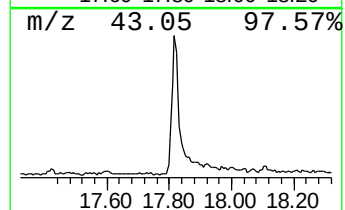
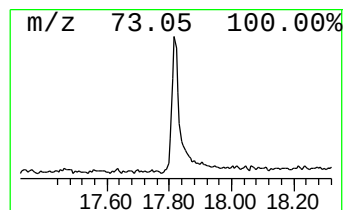
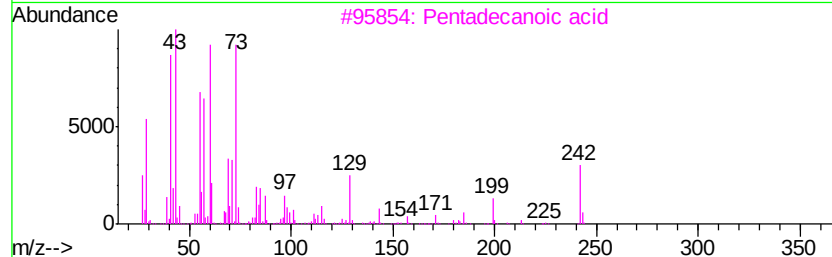
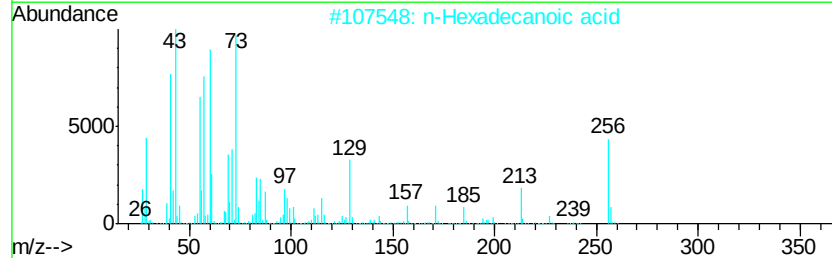
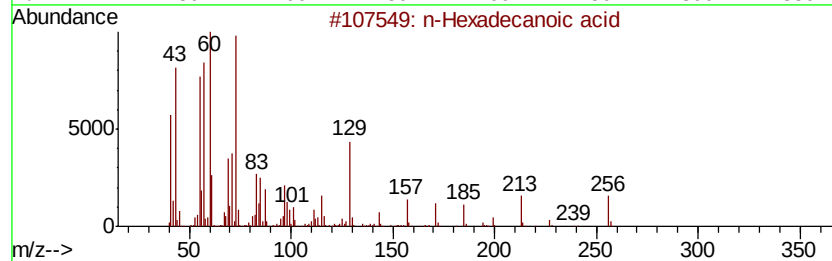
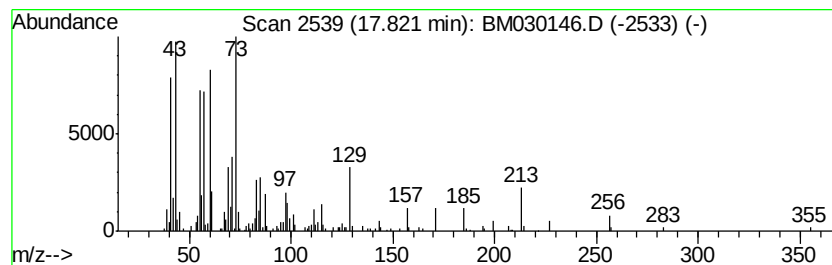
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.82	2.18 ng/ul	302847	Phenanthrene-d10		16.90	
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	97
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Octadecanoic acid		284	C18H36O2	000057-11-4	87
5	Tridecanoic acid		214	C13H26O2	000638-53-9	86



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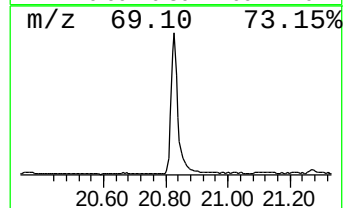
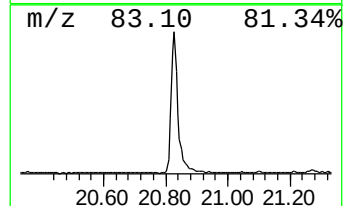
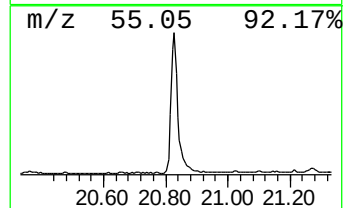
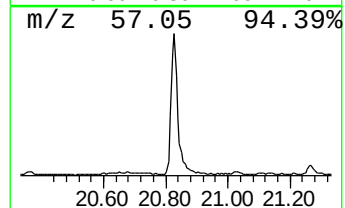
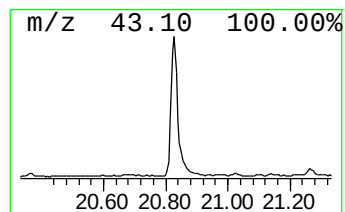
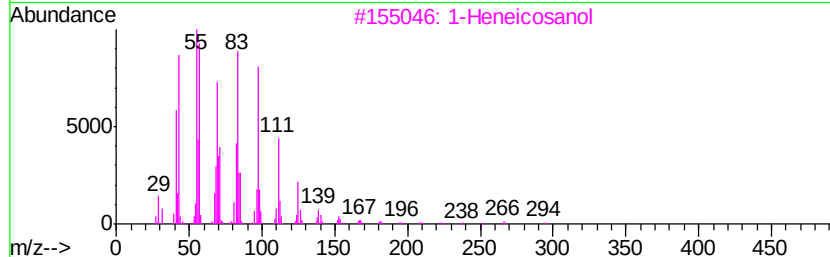
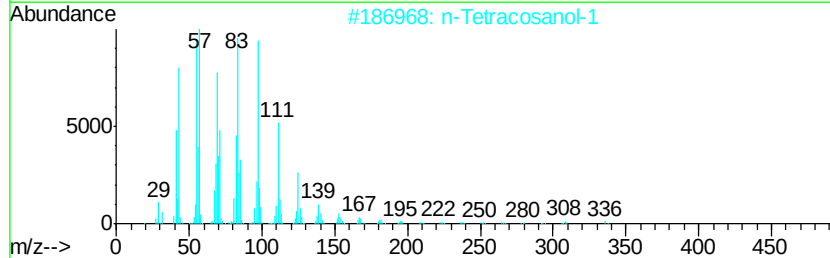
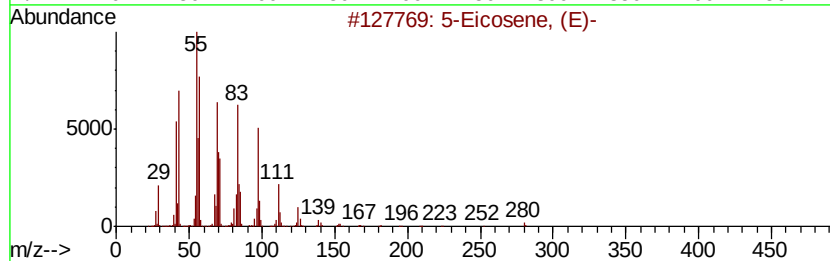
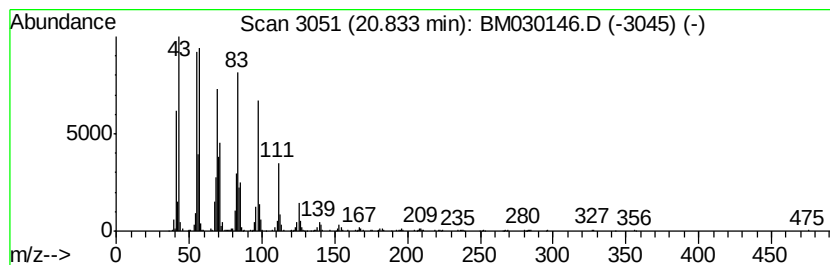
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	6.02 ng/ul	973541	Chrysene-d12	21.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.2	ng/ul	302847	4	16.90	2781220	20.0
(DEL) Alkane: Str...	20.83	6.0	ng/ul	973541	5	21.10	3234910	20.0