LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039492.D
Acq On : 19 Apr 2023 13:05
Operator : CG/JU
Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039492.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.213	27	30	39	rVB	42347	67693	1.02%	0.114%
2	3.654	103	105	123	rBV	106916	214819	3.24%	0.363%
3	3.966	155	158	166	rVB2	13979	22984	0.35%	0.039%
4	7.019	671	677	694	rBV	93669	234306	3.53%	0.396%
5	7.160	695	701	721	rVV	646595	1147188	17.30%	1.940%
6	7.360	729	735	758	rVB	561527	1046738	15.78%	1.770%
7	7.825	808	814	831	rBV	643146	1156957	17.44%	1.957%
8	8.560	933	939	965	rBV	367448	801275	12.08%	1.355%
9	9.001	1006	1014	1034	rBV	759013	1450384	21.87%	2.453%
10	9.389	1077	1080	1086	rVB2	8947	11081	0.17%	0.019%
11	9.448	1086	1090	1096	rVB7	12538	21106	0.32%	0.036%
12	9.725	1130	1137	1160	rBV	612031	1182155	17.82%	1.999%
13	10.272	1223	1230	1254	rBV	729617	1581364	23.84%	2.674%
14	10.636	1284	1292	1310	rBV	1040802	1826314	27.53%	3.089%
15	10.789	1311	1318	1350	rBV	388975	961583	14.50%	1.626%
16	12.248	1560	1566	1577	rVB4	9256	24138	0.36%	0.041%
17	12.460	1597	1602	1605	rBV6	5074	8949	0.13%	0.015%
18	13.301	1739	1745	1753	rBV2	96771	154643	2.33%	0.262%
19	13.377	1753	1758	1764	rVB2	11022	19821	0.30%	0.034%
20	13.501	1773	1779	1787	rVB	44449	67160	1.01%	0.114%
21	13.901	1840	1847	1863	rBV	2306497	3307946	49.87%	5.594%
22	14.013	1865	1866	1871	rVB5	8943	7987	0.12%	0.014%
23	14.177	1887	1894	1916	rBV	2434423	3718383	56.06%	6.288%
24	14.371	1924	1927	1934	rVB7	6827	13011	0.20%	0.022%
25	14.483	1939	1946	1959	rBV	1768978	2644446	39.87%	4.472%
26	14.765	1986	1994	1997	rBV8	15927	41028	0.62%	0.069%
27	15.324	2083	2089	2094	rBV3	14936	23854	0.36%	0.040%
28	15.477	2106	2115	2132	rBV	3208868	4791567	72.24%	8.103%
29	15.612	2132	2138	2153	rVV	989692	1505159	22.69%	2.545%
30	15.724	2154	2157	2166	rVB3	20326	39599	0.60%	0.067%
31	15.848	2173	2178	2191	rBV	352809	505995	7.63%	0.856%
32	16.189	2231	2236	2245	rBV	33564	60966	0.92%	0.103%
33	16.989	2367	2372	2375	rBV	30917	41278	0.62%	0.070%
34	17.030	2375	2379	2384	rVB6	10685	21736	0.33%	0.037%
35	17.236	2407	2414	2424	rBV	2195462	3137790	47.31%	5.306%
36	17.336	2425	2431	2451	rVB	3726769	5455610	82.25%	9.226%

LSC Area Percent Report

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0MG0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM041823.MA.M
Title : SVOA CALIBRATION

37	17.724	2493	2497	2503	rBV3	24585	34389	0.52%	0.058%
38	17.906	2524	2528	2532	rBV3	23042	30419	0.46%	0.051%
39	18.136	2562	2567	2577	rBV	182344	346257	5.22%	0.586%
40	18.206	2577	2579	2589	rVB	24383	43599	0.66%	0.074%
41	18.424	2613	2616	2624	rBV5	13991	17675	0.27%	0.030%
42	19.195	2743	2747	2754	rBV3	49812	74830	1.13%	0.127%
43	19.271	2756	2760	2767	rBV	45539	78963	1.19%	0.134%
44	19.418	2781	2785	2795	rBV2	67094	140635	2.12%	0.238%
45	19.559	2806	2809	2813	rBV2	17607	22931	0.35%	0.039%
46	19.636	2815	2822	2840	rBV	4648366	6632856	100.00%	11.217%
47	21.147	3074	3079	3089	rBV	298121	634608	9.57%	1.073%
48	21.430	3122	3127	3141	rBV	2404479	3284192	49.51%	5.554%
49	22.512	3308	3311	3317	rVB	158303	215120	3.24%	0.364%
50	23.053	3400	3403	3413	rVB	231334	366595	5.53%	0.620%
51	23.641	3496	3503	3519	rVV2	2821627	6243391	94.13%	10.558%
52	23.794	3523	3529	3542	rVB2	1505356	3059748	46.13%	5.174%
53	24.371	3623	3627	3634	rVB	302705	589251	8.88%	0.996%

Sum of corrected areas: 59132472

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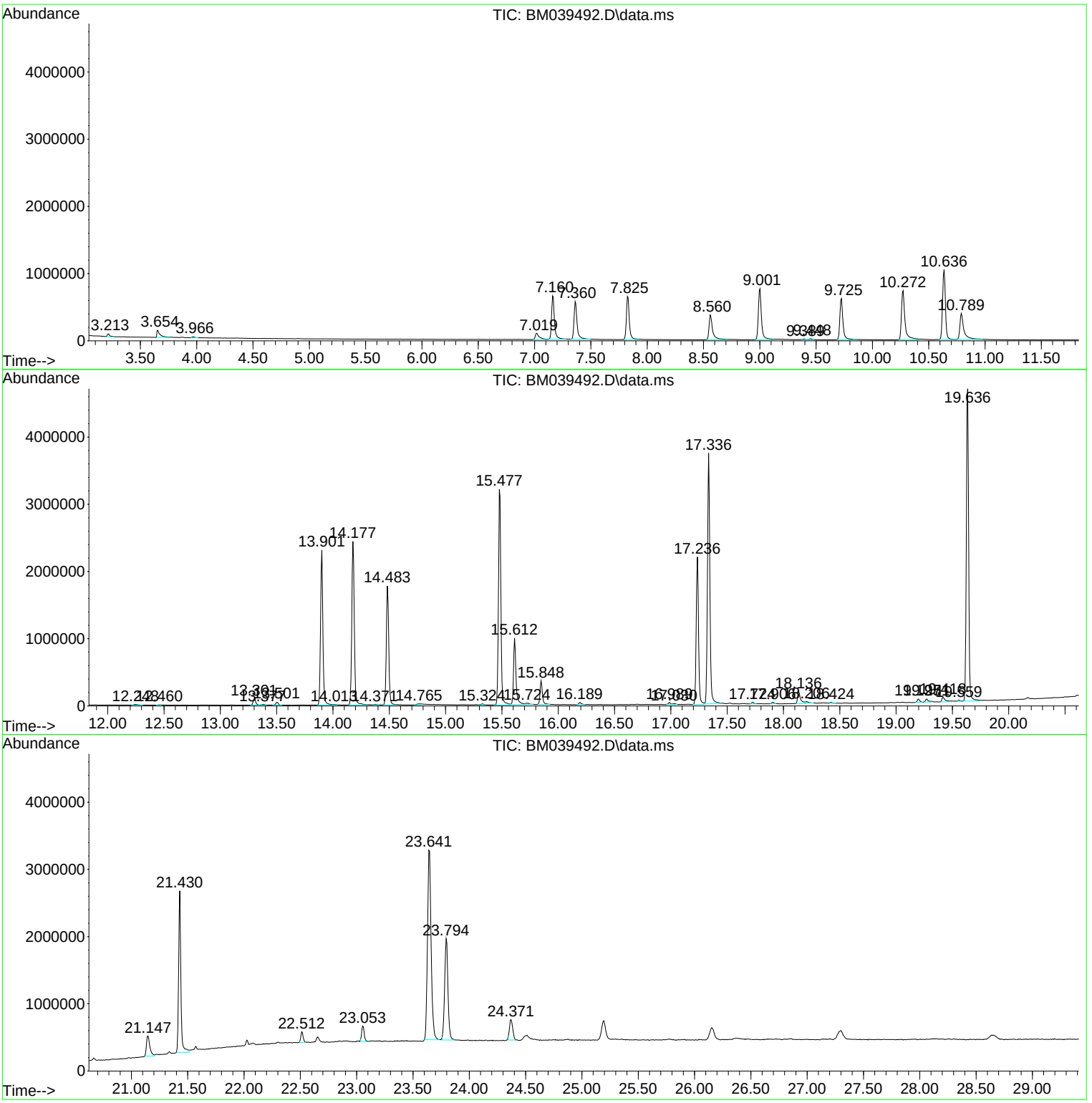
Instrument :
BNA_M
ClientSampleId :
C0MG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BM039492.D
Acq On : 19 Apr 2023 13:05
Operator : CG/JU
Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

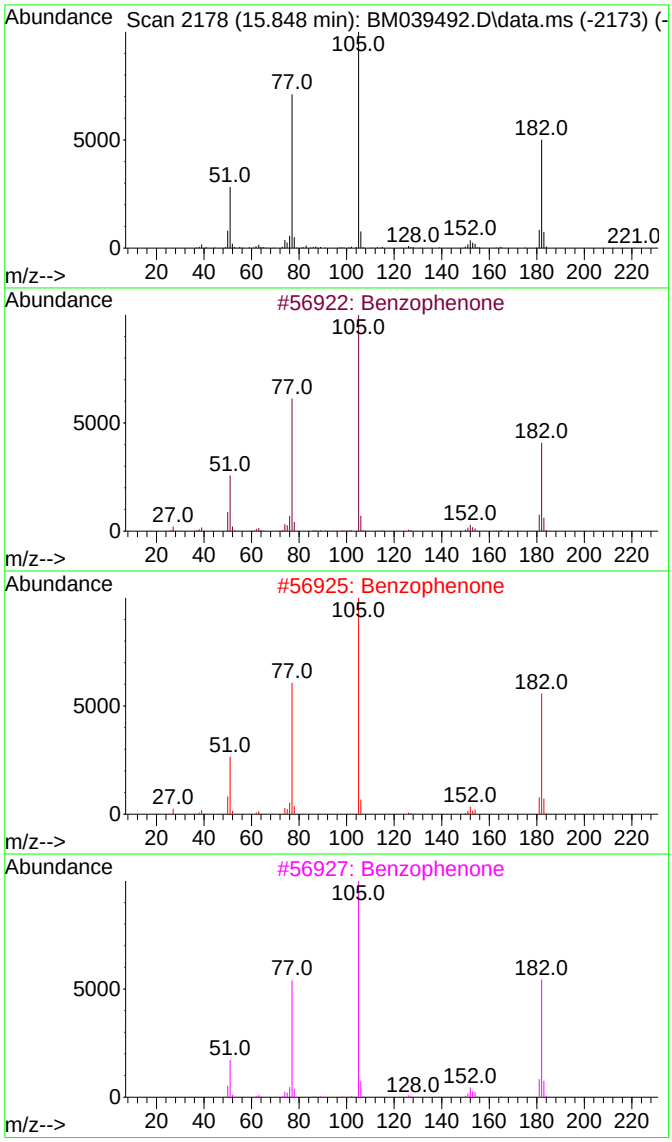
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

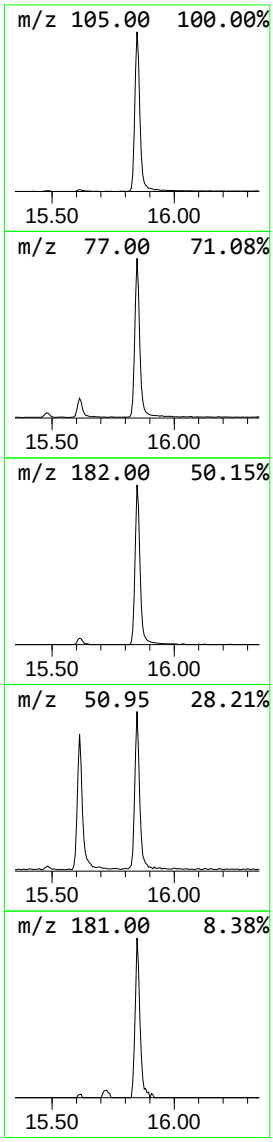
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.848	3.83 ng/ul	505995	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	90





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Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

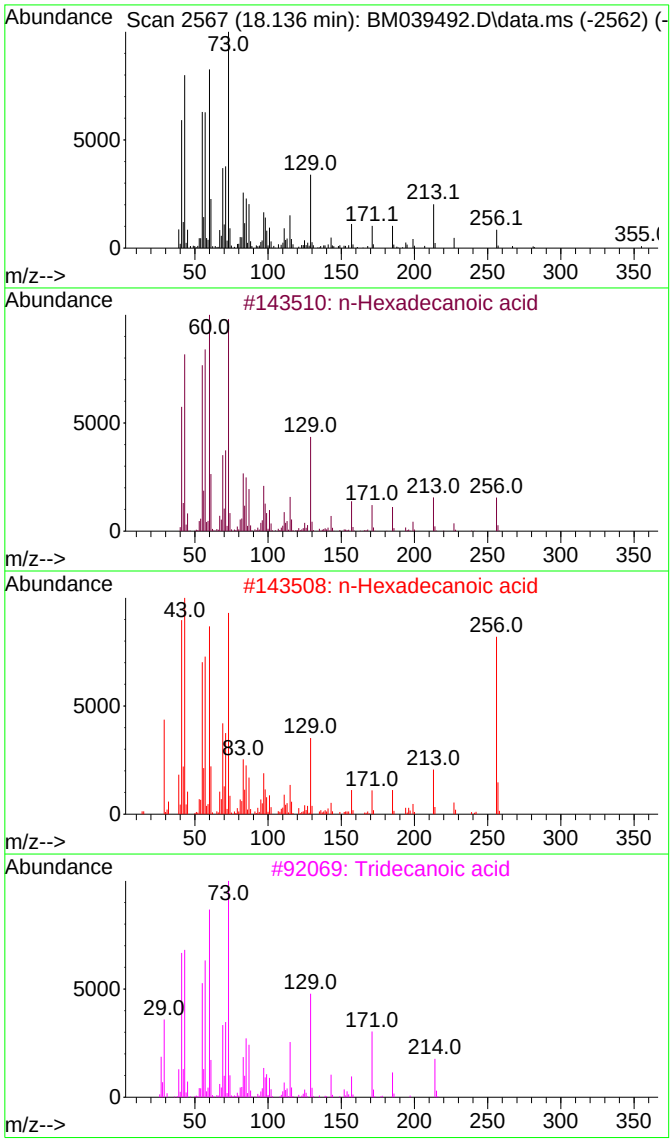
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

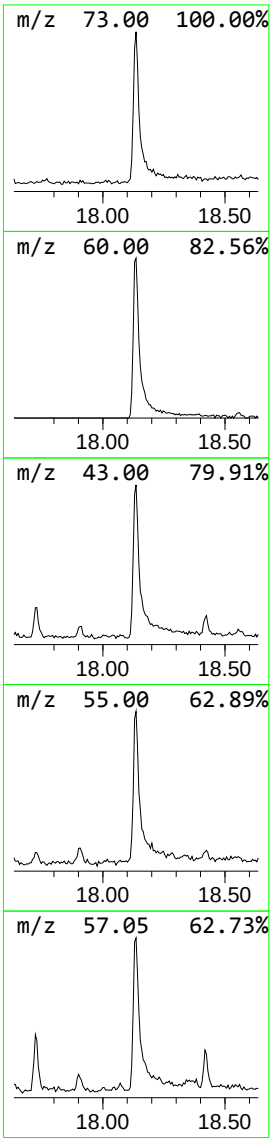
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	2.21 ng/ul	346257	Phenanthrene-d10	17.236

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Operator : CG/JU
Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

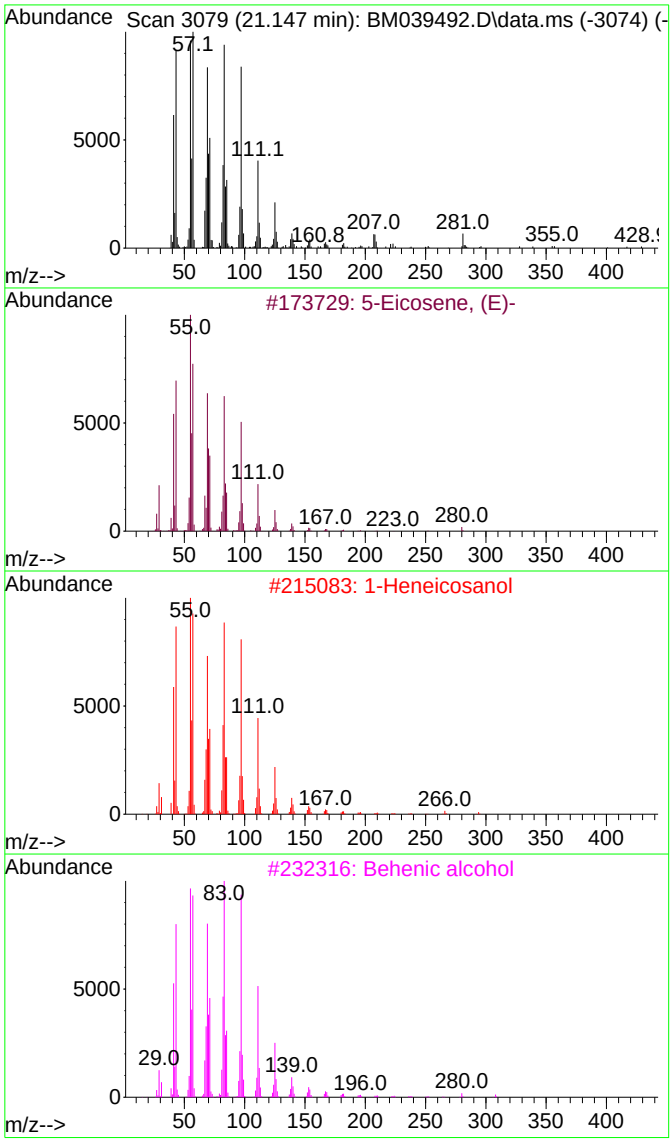
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

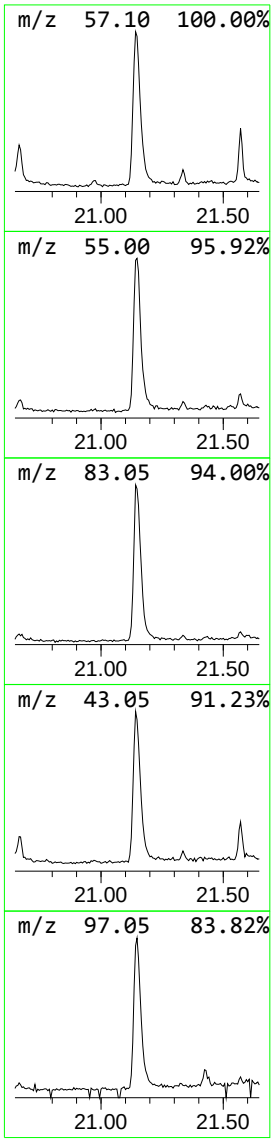
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.147	3.86 ng/ul	634608	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

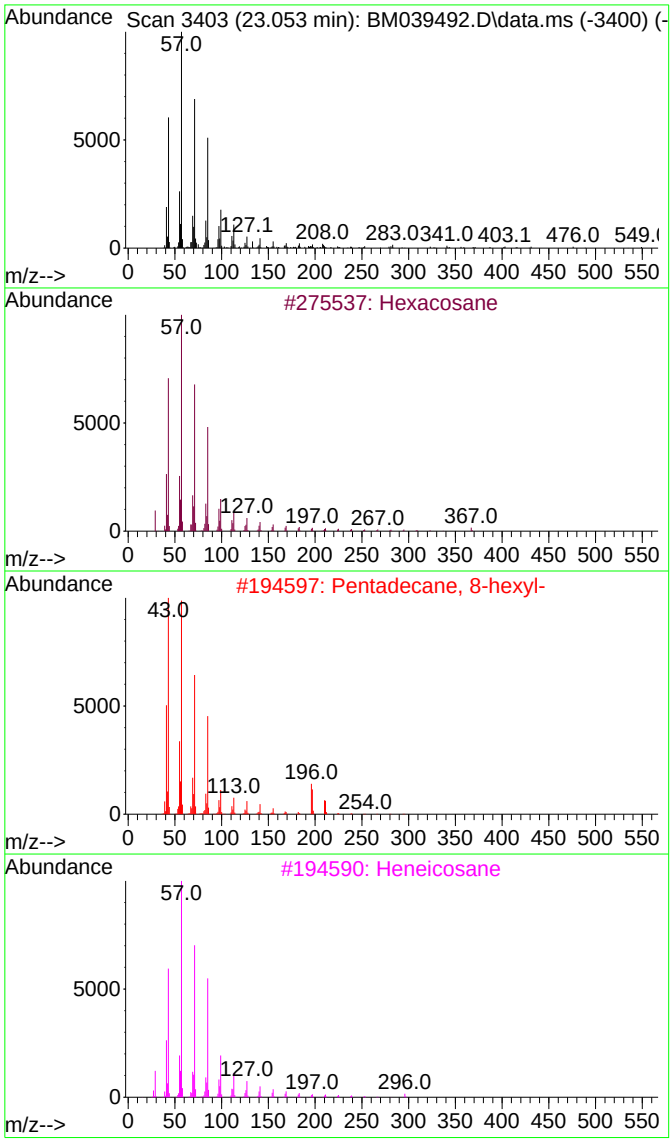
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

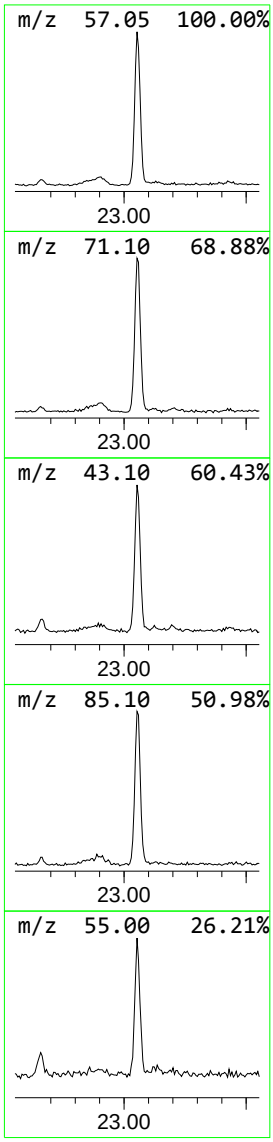
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.053	2.40 ng/ul	366595	Perylene-d12	23.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





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Data File : BM039492.D
Acq On : 19 Apr 2023 13:05
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Sample : 02336-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MG0

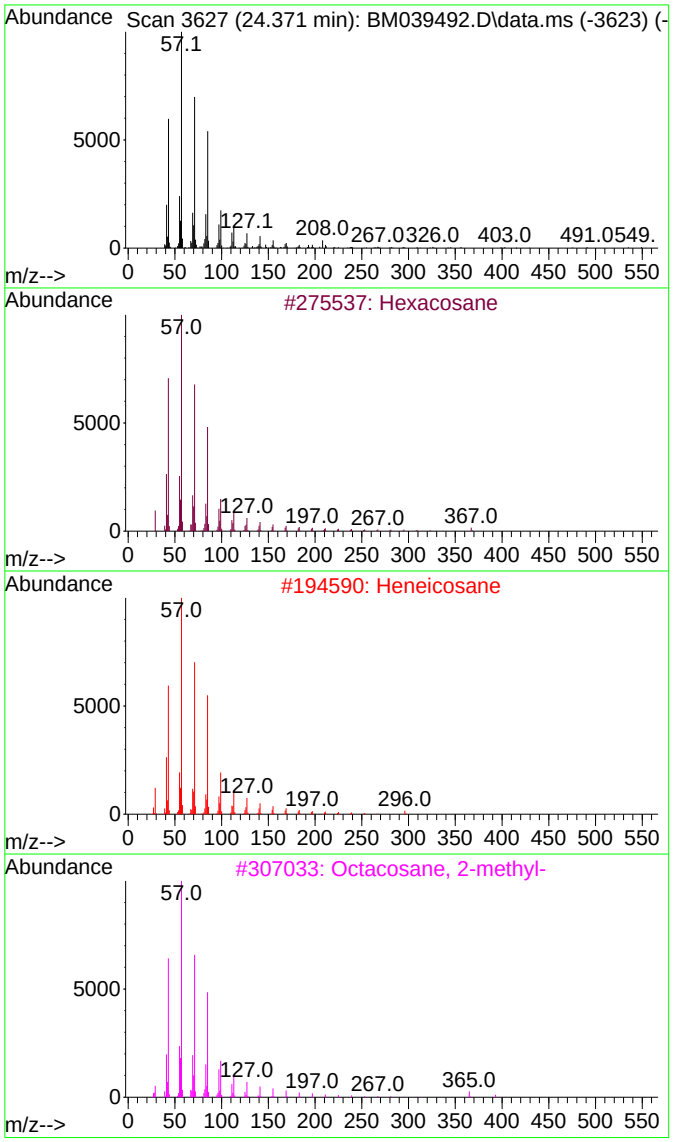
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

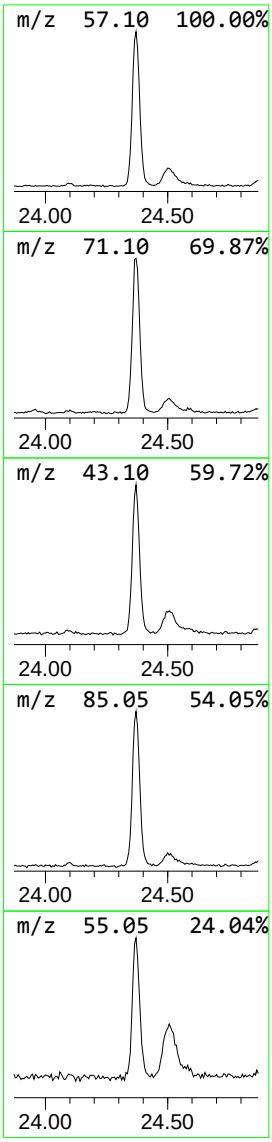
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.371	3.85 ng/ul	589251	Perylene-d12	23.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	87





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.848	3.8	ng/ul	505995	3	14.483	2644450	20.0
n-Hexadecanoic ...	18.136	2.2	ng/ul	346257	4	17.236	3137790	20.0
(DEL) Alkane: S...	21.147	3.9	ng/ul	634608	5	21.430	3284190	20.0
(DEL) Alkane: S...	23.053	2.4	ng/ul	366595	6	23.794	3059750	20.0
(DEL) Alkane: S...	24.371	3.9	ng/ul	589251	6	23.794	3059750	20.0