LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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: BM039580.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	26	30	37	rVB	50240	64767	1.42%	0.149%
2	3.678	106	109	118	rBV6	9129	19086	0.42%	0.044%
3	3.866	137	141	148	rVB	21179	32220	0.71%	0.074%
4	3.966	154	158	163	rVB2	15767	20909	0.46%	0.048%
5	5.378	394	398	404	rVB3	7767	12819	0.28%	0.029%
6	5.501	416	419	423	rBV	11471	14937	0.33%	0.034%
7	7.013	670	676	691	rBV	128959	306013	6.73%	0.703%
8	7.154	694	700	721	rVV	617430	1062214	23.35%	2.439%
9	7.354	727	734	754	rBV	631265	1139329	25.05%	2.616%
10	7.707	790	794	800	rVB8	7011	13873	0.31%	0.032%
11	7.819	806	813	824	rBV	673211	1139113	25.04%	2.615%
12	8.178	871	874	878	rVB5	4766	7310	0.16%	0.017%
13	8.554	931	938	954	rBV	414099	871666	19.16%	2.001%
14	8.989	1004	1012	1030	rBV	691250	1305501	28.70%	2.997%
15	9.372	1073	1077	1083	rVB5	8348	15349	0.34%	0.035%
16	9.713	1128	1135	1151	rBV	582324	1102392	24.24%	2.531%
17	10.266	1222	1229	1252	rBV	548475	1416351	31.14%	3.252%
18	10.489	1262	1267	1276	rVB	97610	172534	3.79%	0.396%
19	10.624	1283	1290	1307	rBV	885695	1569225	34.50%	3.603%
20	10.789	1312	1318	1334	rBV	83752	233113	5.13%	0.535%
21	11.013	1351	1356	1364	rVB2	28005	49787	1.09%	0.114%
22	11.871	1500	1502	1507	rVB6	3655	5318	0.12%	0.012%
23	12.230	1561	1563	1565	rBV2	8309	10273	0.23%	0.024%
24	13.289	1739	1743	1748	rVB5	11680	19111	0.42%	0.044%
25	13.371	1754	1757	1759	rBV4	4863	4655	0.10%	0.011%
26	13.448	1768	1770	1776	rVB7	3771	5266	0.12%	0.012%
27	13.889	1838	1845	1860	rBV	1631923	2499991	54.96%	5.740%
28	14.171	1885	1893	1908	rBV	1955098	2947922	64.81%	6.768%
29	14.477	1937	1945	1957	rBV	1292701	1938607	42.62%	4.451%
30	14.801	1993	2000	2005	rBV8	26765	72876	1.60%	0.167%
31	15.307	2083	2086	2092	rVB7	5437	9187	0.20%	0.021%
32	15.471	2108	2114	2132	rBV	2365482	3627617	79.75%	8.329%
33	15.612	2133	2138	2152	rBV	546775	975991	21.46%	2.241%
34	15.842	2172	2177	2190	rVB	245512	376157	8.27%	0.864%
35	16.183	2231	2235	2239	rBV7	6157	10910	0.24%	0.025%
36	16.983	2366	2371	2373	rBV5	9573	15298	0.34%	0.035%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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	17.024	2375	2378	2382	rVB4	11184	17900	0.39%	0.041%
38	17.230	2407	2413	2423	rBV	1457889	2117645	46.56%	4.862%
39	17.330	2424	2430	2448	rVV	2753876	4013548	88.24%	9.215%
40	17.718	2494	2496	2500	rVB3	16410	18036	0.40%	0.041%
41	17.900	2523	2527	2531	rBV7	11149	18364	0.40%	0.042%
42	18.130	2562	2566	2576	rBV2	189909	414340	9.11%	0.951%
43	18.412	2611	2614	2620	rBV2	25065	34640	0.76%	0.080%
44	19.047	2720	2722	2727	rBV4	22986	24924	0.55%	0.057%
45	19.195	2743	2747	2753	rBV3	38503	62086	1.36%	0.143%
46	19.271	2756	2760	2765	rBV2	35803	60977	1.34%	0.140%
47	19.412	2780	2784	2798	rBV	188271	464813	10.22%	1.067%
48	19.630	2815	2821	2832	rBV	3349537	4548469	100.00%	10.443%
49	21.136	3073	3077	3084	rBV3	131101	257940	5.67%	0.592%
50	21.424	3122	3126	3135	rBV	1507293	2046859	45.00%	4.700%
51	23.641	3496	3503	3515	rVB2	2140958	4282364	94.15%	9.832%
52	23.794	3523	3529	3539	rVB2	1017863	2083641	45.81%	4.784%

Sum of corrected areas: 43554233

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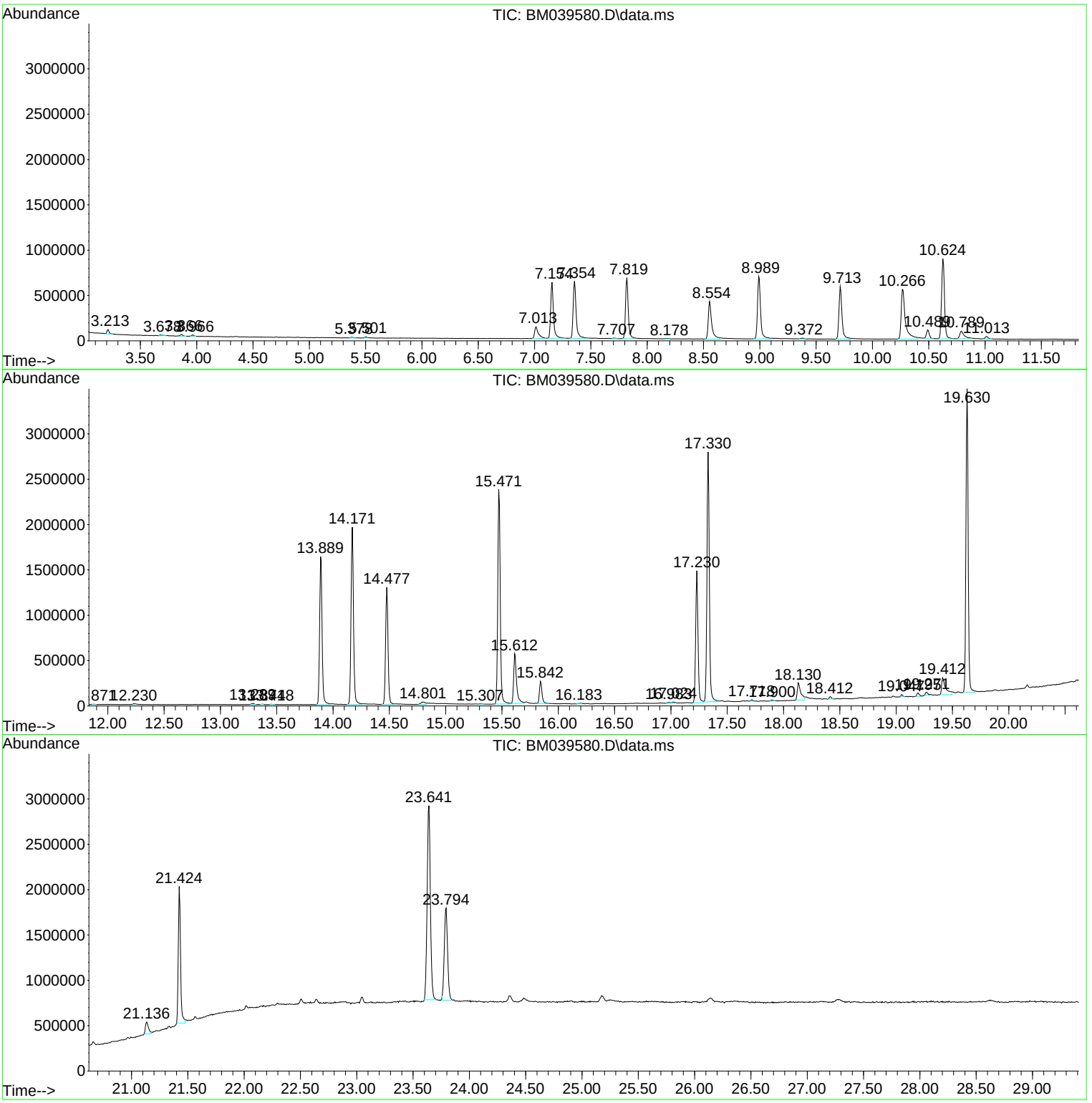
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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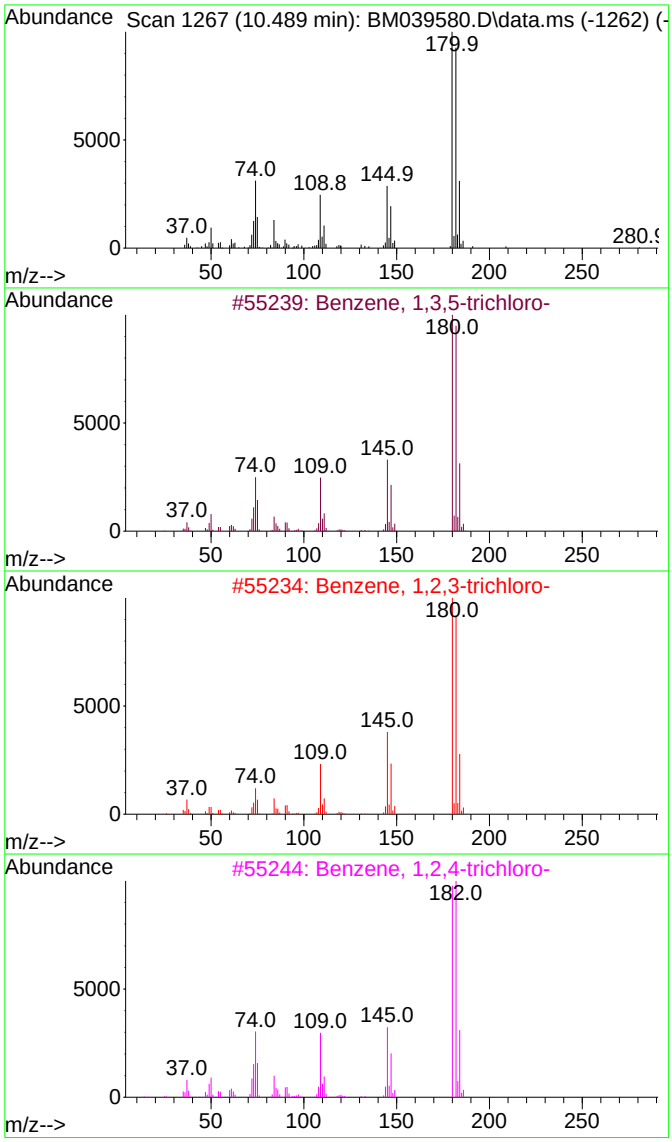
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

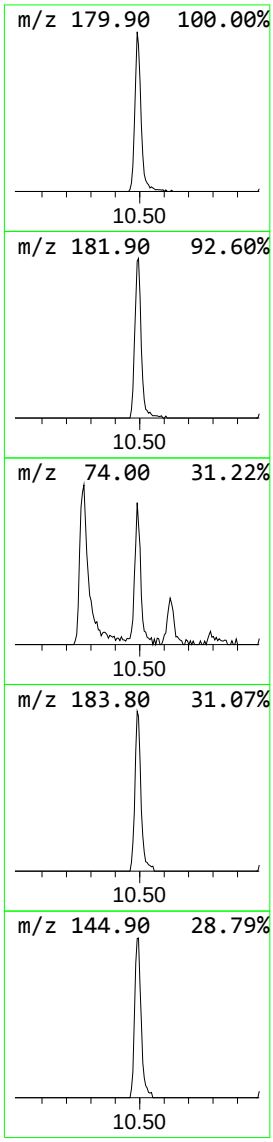
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3,5-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.489	2.20 ng/ul	172534	Naphthalene-d8	10.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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

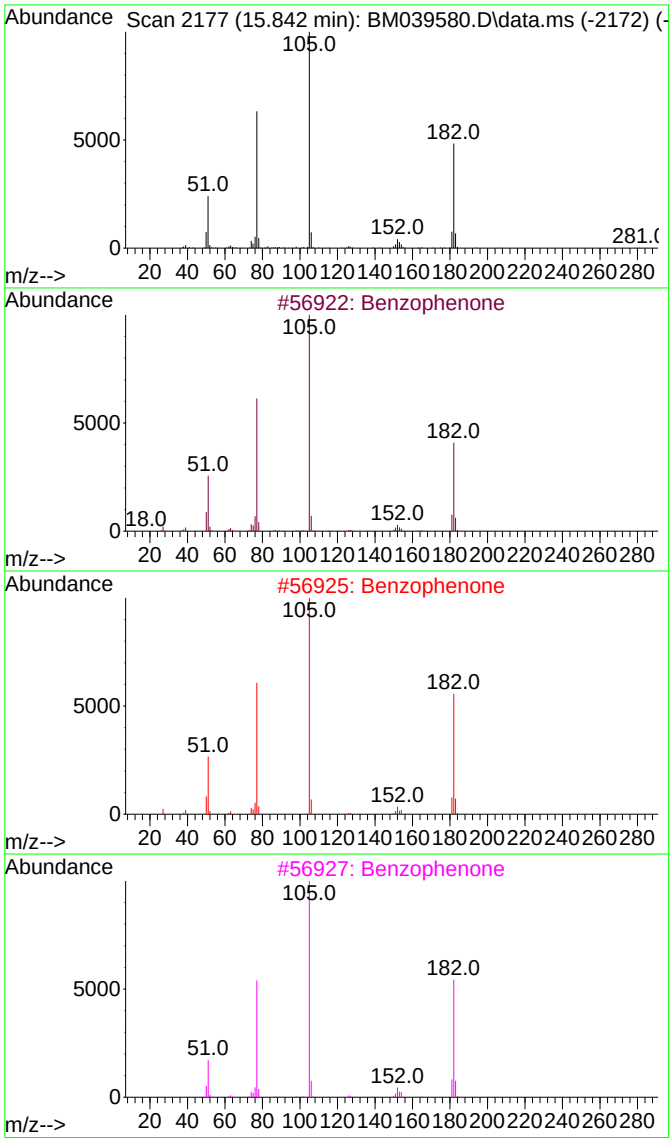
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

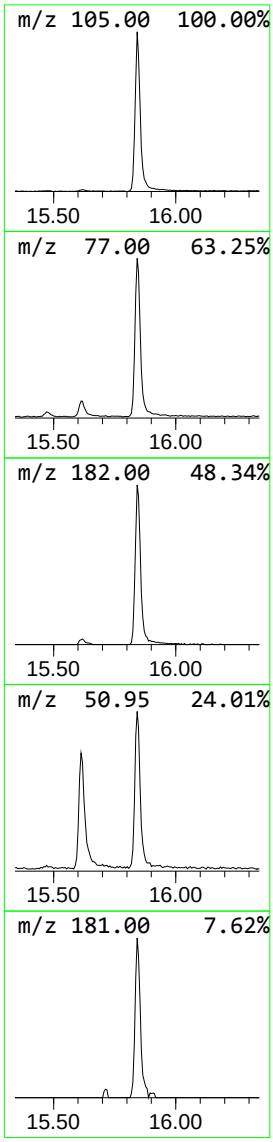
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	3.88 ng/ul	376157	Acenaphthene-d10	14.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
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	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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

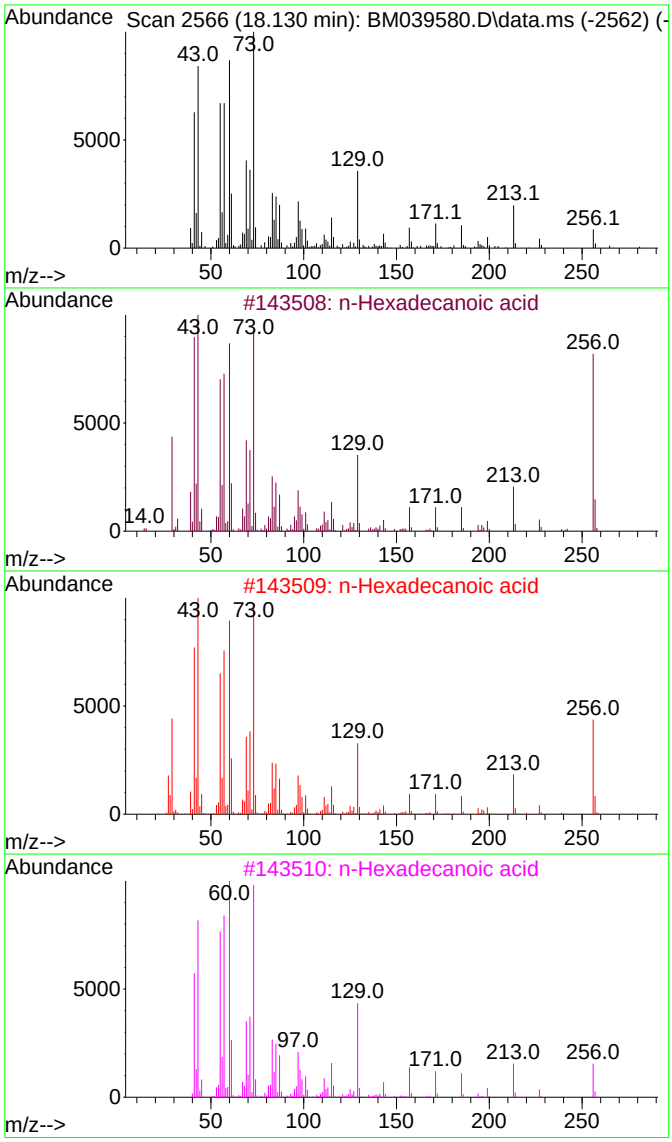
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

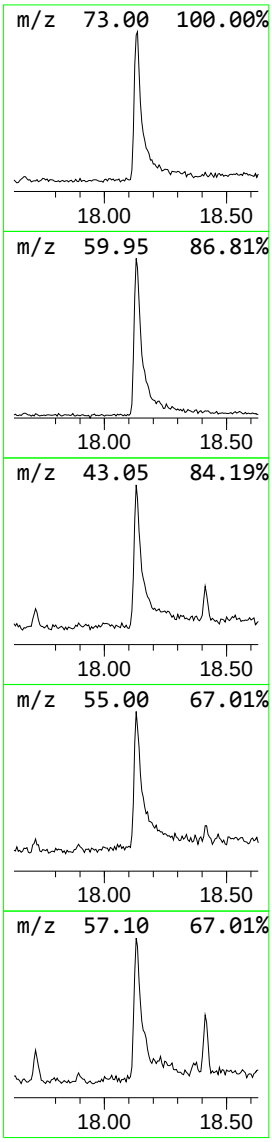
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	3.91 ng/ul	414340	Phenanthrene-d10	17.230

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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

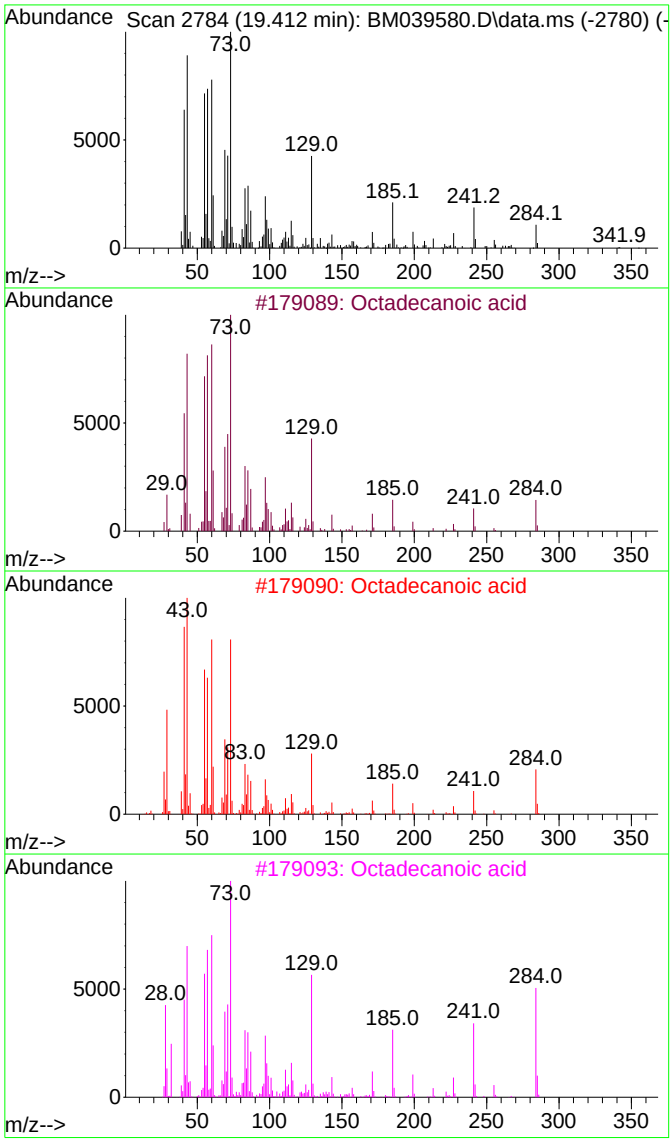
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

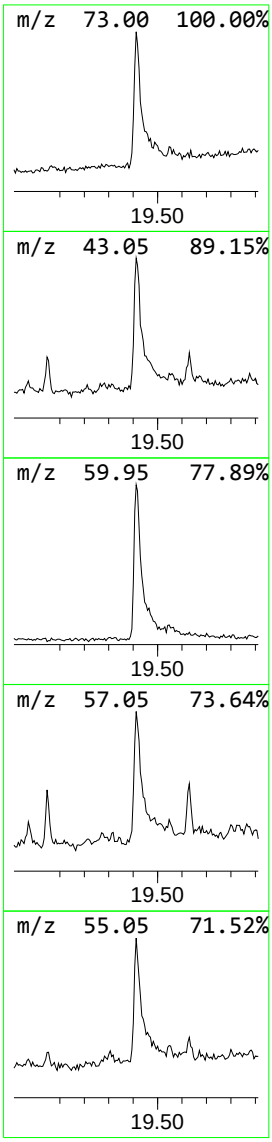
****

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	4.54 ng/ul	464813	Chrysene-d12	21.424

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

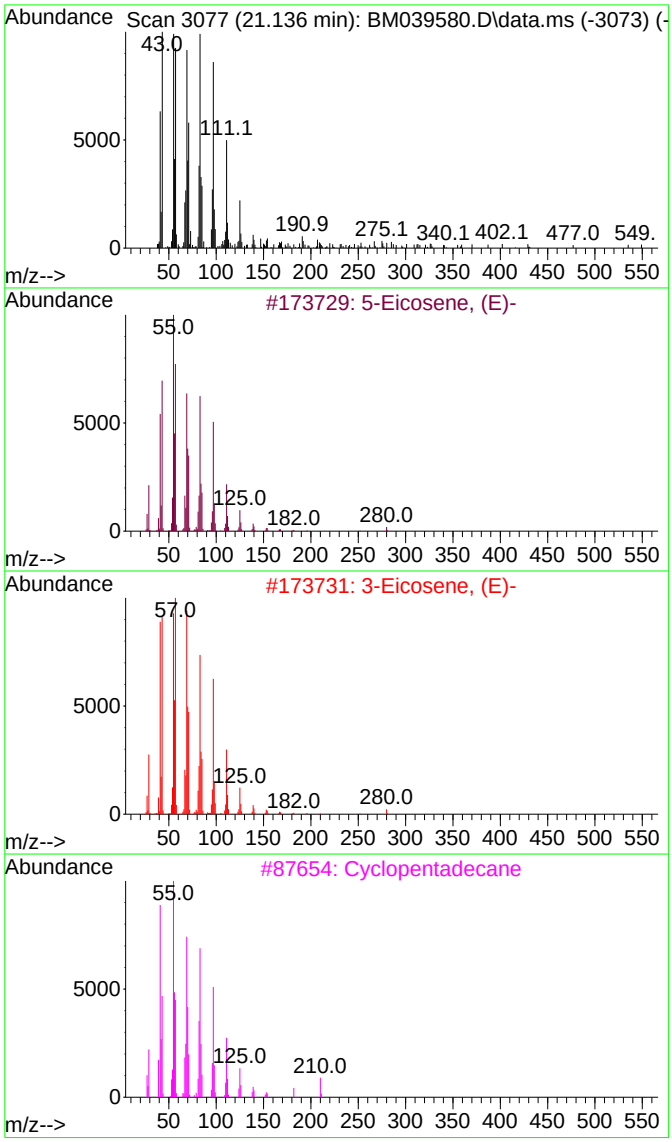
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

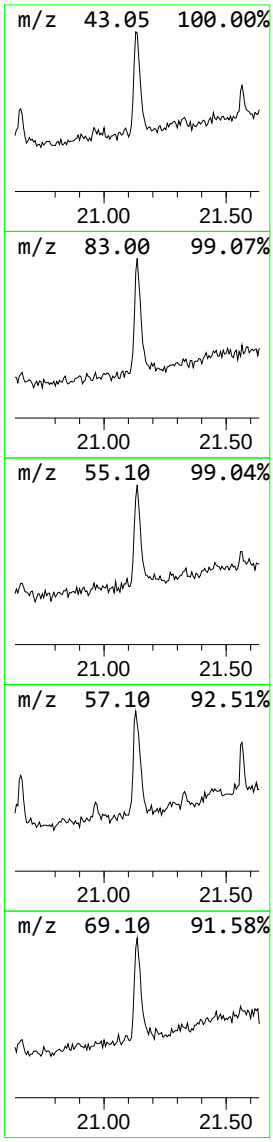
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.136	2.52 ng/ul	257940	Chrysene-d12	21.424

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039580.D
Acq On : 22 Apr 2023 17:29
Operator : CG/JU
Sample : 02440-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0MQ1

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
Benzene, 1,3,5-...	10.489	2.2	ng/ul	172534	2	10.624	1569230	20.0
Benzophenone	15.842	3.9	ng/ul	376157	3	14.477	1938610	20.0
n-Hexadecanoic ...	18.130	3.9	ng/ul	414340	4	17.230	2117650	20.0
Octadecanoic acid	19.412	4.5	ng/ul	464813	5	21.424	2046860	20.0
(DEL) Alkane: S...	21.136	2.5	ng/ul	257940	5	21.424	2046860	20.0