LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016168.D
Acq On : 10 Jul 2023 22:05
Operator : MA/JU
Sample : 03404-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW45

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_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	23	26	31	rBV2	19885	31059	0.88%	0.088%
2	3.823	107	108	125	rBV	62880	179415	5.07%	0.508%
3	6.069	486	490	491	rBV4	4188	5726	0.16%	0.016%
4	6.117	494	498	499	rBV4	6019	8100	0.23%	0.023%
5	7.252	684	691	706	rBV	145724	620243	17.54%	1.757%
6	7.375	707	712	739	rVV	163091	591779	16.74%	1.677%
7	7.581	741	747	768	rVV	230279	658086	18.61%	1.864%
8	8.028	816	823	852	rBV	233072	881593	24.94%	2.498%
9	8.416	887	889	893	rVB5	3008	3763	0.11%	0.011%
10	8.816	950	957	998	rBV2	160540	978448	27.68%	2.772%
11	9.258	1025	1032	1051	rBV	174196	664537	18.80%	1.883%
12	9.522	1075	1077	1081	rVB5	6217	7289	0.21%	0.021%
13	10.010	1150	1160	1194	rBV5	101371	633659	17.92%	1.795%
14	10.610	1253	1262	1290	rBV2	135240	848978	24.01%	2.405%
15	10.852	1296	1303	1326	rVB	438929	1366022	38.64%	3.870%
16	11.104	1338	1346	1369	rBV2	99876	586170	16.58%	1.661%
17	11.534	1417	1419	1425	rVV6	2317	4530	0.13%	0.013%
18	12.534	1584	1589	1593	rBV7	5265	10940	0.31%	0.031%
19	12.604	1600	1601	1606	rVB5	3417	3699	0.10%	0.010%
20	13.022	1668	1672	1673	rBV4	2815	3831	0.11%	0.011%
21	13.134	1689	1691	1695	rBV5	2452	3903	0.11%	0.011%
22	13.246	1706	1710	1711	rBV4	2954	3814	0.11%	0.011%
23	13.487	1748	1751	1755	rBV5	3497	5160	0.15%	0.015%
24	13.557	1755	1763	1773	rBV6	14262	35103	0.99%	0.099%
25	14.010	1836	1840	1842	rBV5	3187	4064	0.11%	0.012%
26	14.098	1849	1855	1881	rBV	613979	1626753	46.01%	4.609%
27	14.375	1894	1902	1927	rBV2	914381	1948763	55.12%	5.521%
28	14.675	1946	1953	1977	rBV	1067395	2039589	57.69%	5.778%
29	15.151	2024	2034	2036	rBV6	34018	82917	2.35%	0.235%
30	15.387	2072	2074	2079	rVB6	3551	4802	0.14%	0.014%
31	15.687	2118	2125	2151	rBV	957652	2583531	73.08%	7.319%
32	15.945	2162	2169	2180	rBV9	59684	259750	7.35%	0.736%
33	16.069	2185	2190	2206	rVB	193996	468154	13.24%	1.326%
34	16.287	2225	2227	2229	rBV3	3179	3591	0.10%	0.010%
35	16.316	2230	2232	2237	rVB6	5458	5918	0.17%	0.017%
36	16.616	2279	2283	2289	rVB5	14812	26106	0.74%	0.074%

LSC Area Percent Report

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Integrator: RTE
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Title : SVOA CALIBRATION

37	16.875	2322	2327	2332	rBV9	4993	9985	0.28%	0.028%
38	16.916	2332	2334	2337	rVB4	3760	4508	0.13%	0.013%
39	17.092	2362	2364	2367	rVV4	5100	6162	0.17%	0.017%
40	17.181	2377	2379	2382	rBV4	3709	4817	0.14%	0.014%
41	17.239	2387	2389	2392	rVV4	4736	4182	0.12%	0.012%
42	17.439	2417	2423	2436	rBV	1357650	2406552	68.07%	6.818%
43	17.551	2436	2442	2469	rVB2	912913	2740458	77.52%	7.764%
44	18.286	2562	2567	2579	rBV	186901	414896	11.74%	1.175%
45	18.681	2631	2634	2637	rVB5	10353	11273	0.32%	0.032%
46	19.133	2707	2711	2722	rBV2	62878	105778	2.99%	0.300%
47	19.357	2745	2749	2751	rBV4	26928	39542	1.12%	0.112%
48	19.510	2771	2775	2783	rBV4	112981	215104	6.08%	0.609%
49	19.775	2814	2820	2848	rBV	1556060	3535285	100.00%	10.016%
50	21.222	3060	3066	3075	rBV3	231872	626574	17.72%	1.775%
51	21.545	3116	3121	3130	rBV2	1076768	2571482	72.74%	7.285%
52	23.827	3506	3509	3515	rVB	220386	330607	9.35%	0.937%
53	23.904	3516	3522	3540	rVB2	993740	2567781	72.63%	7.275%
54	24.080	3545	3552	3580	rVB	672356	2512317	71.06%	7.118%

Sum of corrected areas: 35297088

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Instrument :
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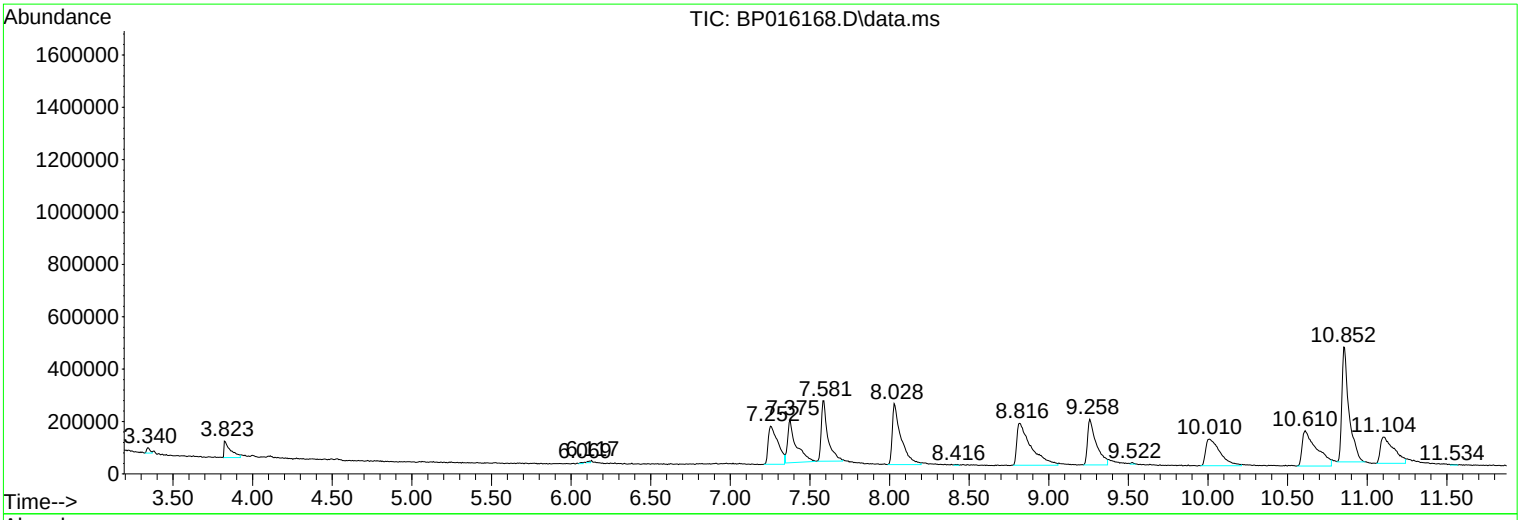
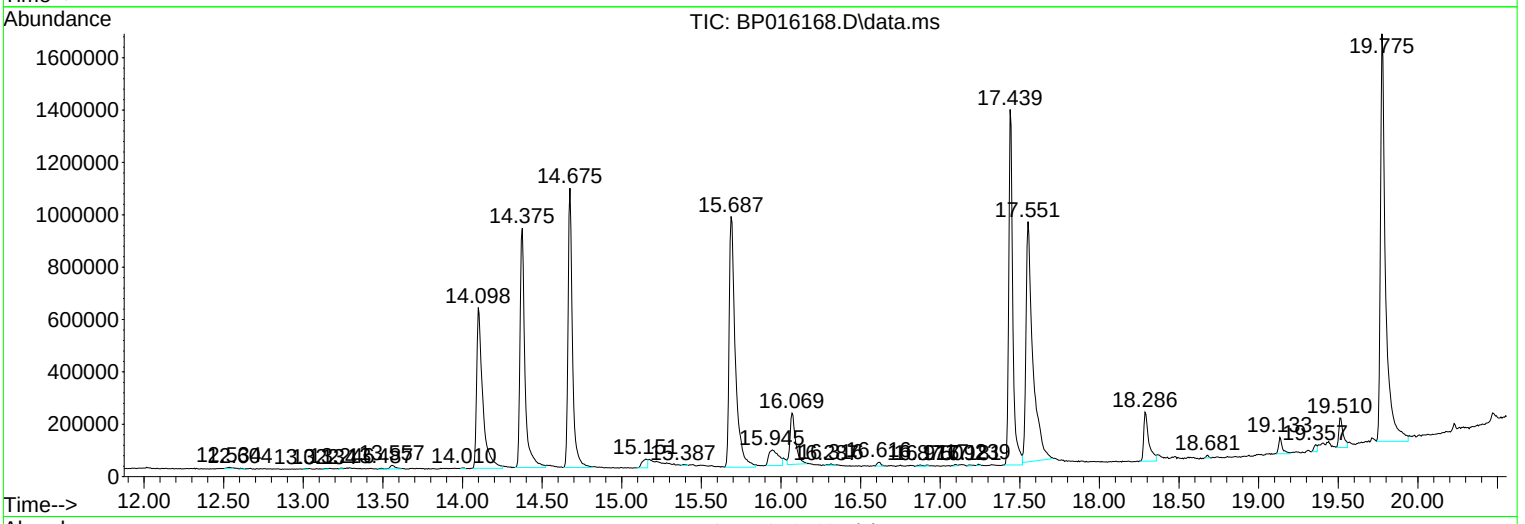
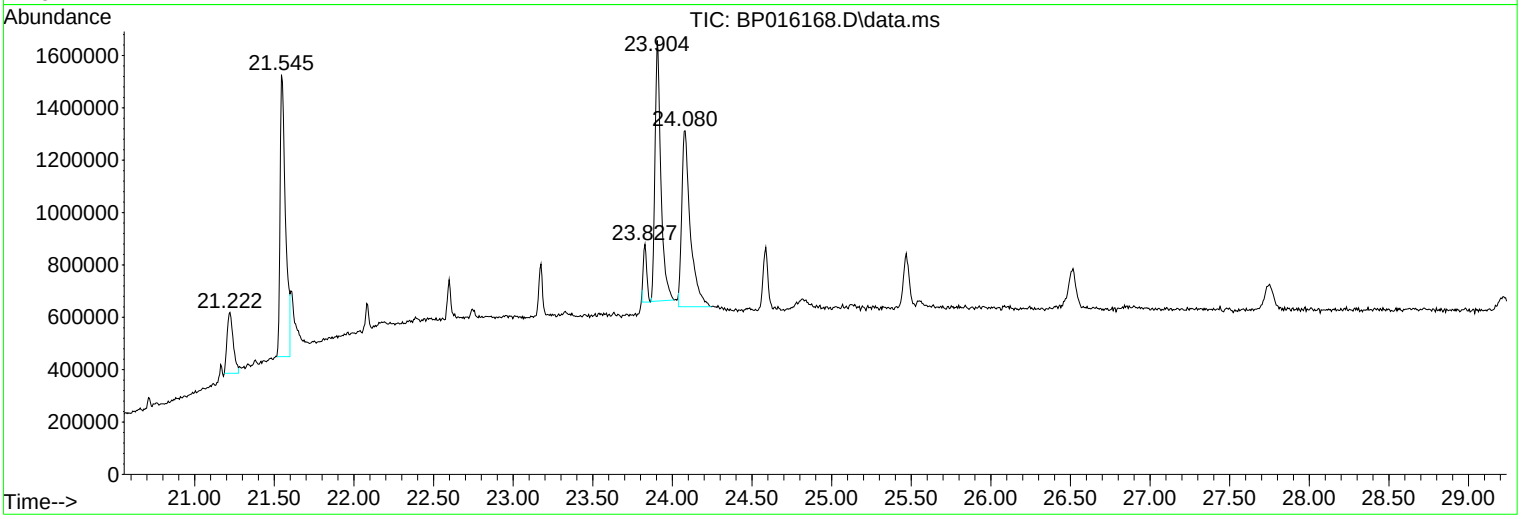
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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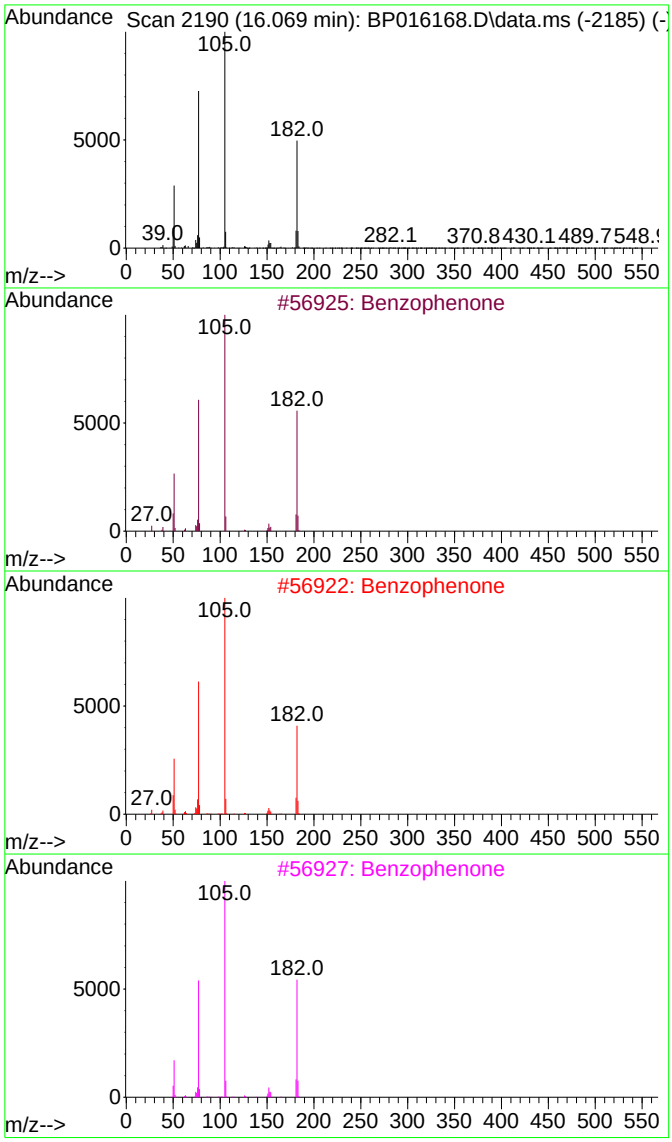
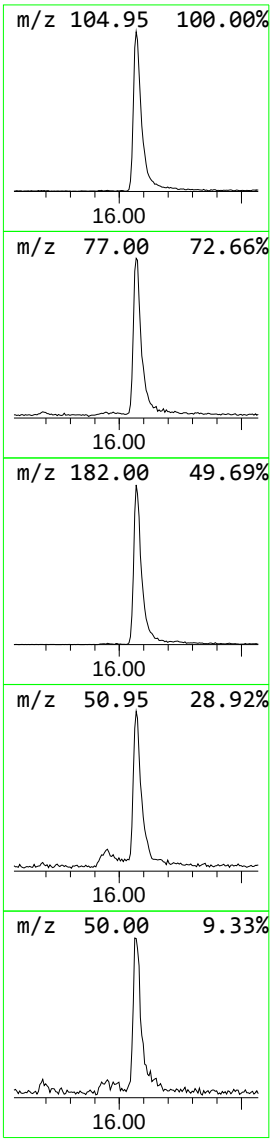
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	3.89 ng/ul	468154	Phenanthrene-d10	17.439

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	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Quant Title : SVOA CALIBRATION

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

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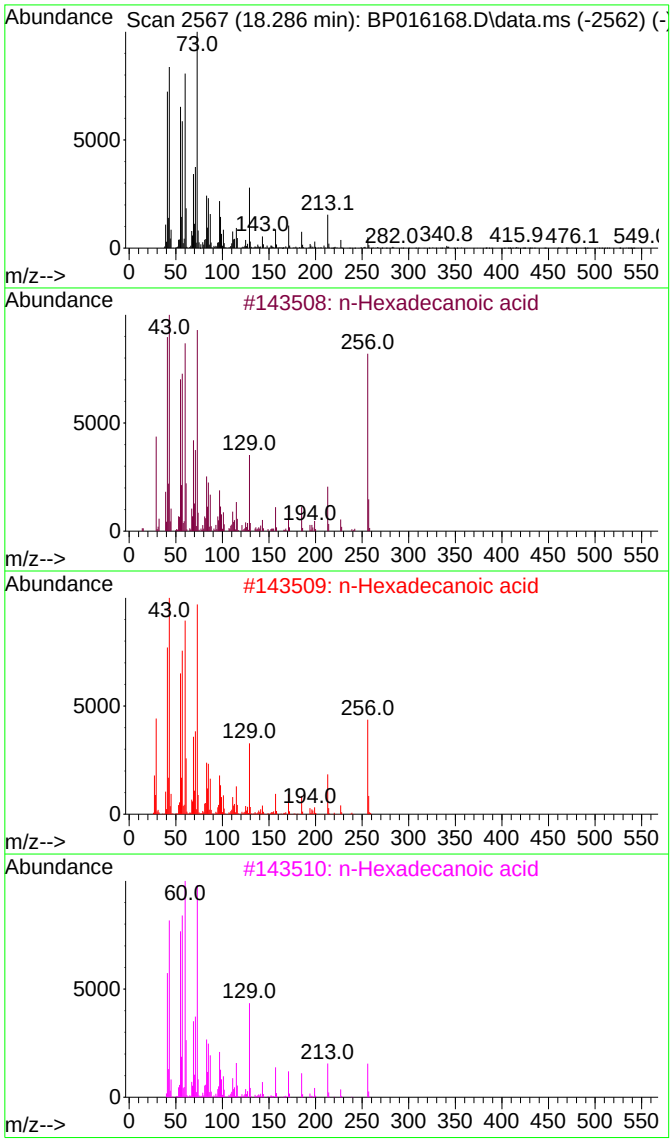
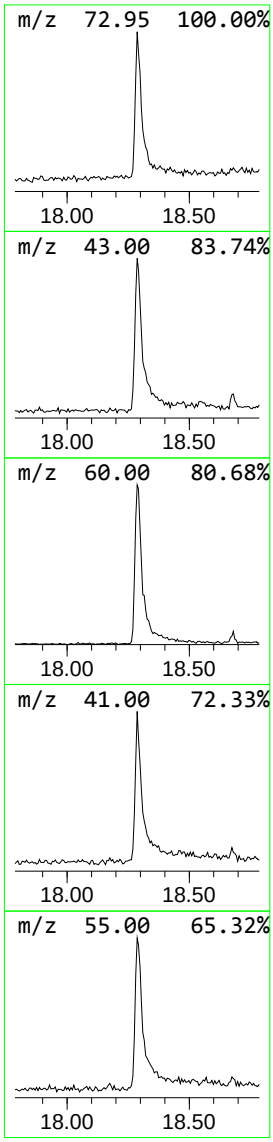
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	3.45 ng/ul	414896	Phenanthrene-d10	17.439

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





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BNA_P
ClientSampleId :
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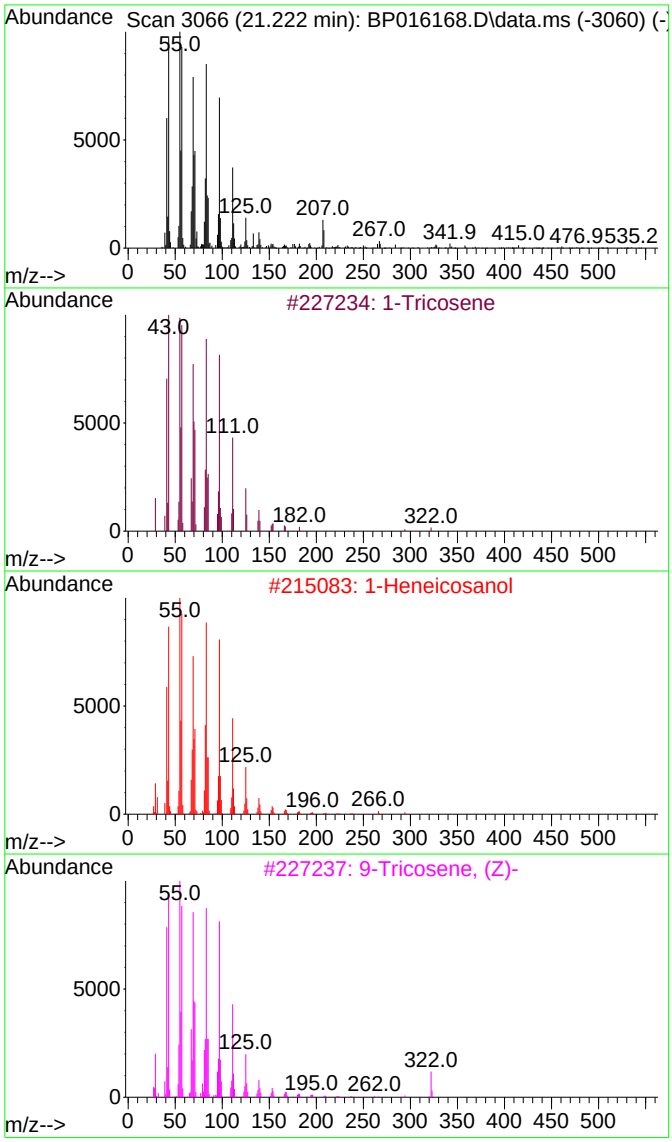
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

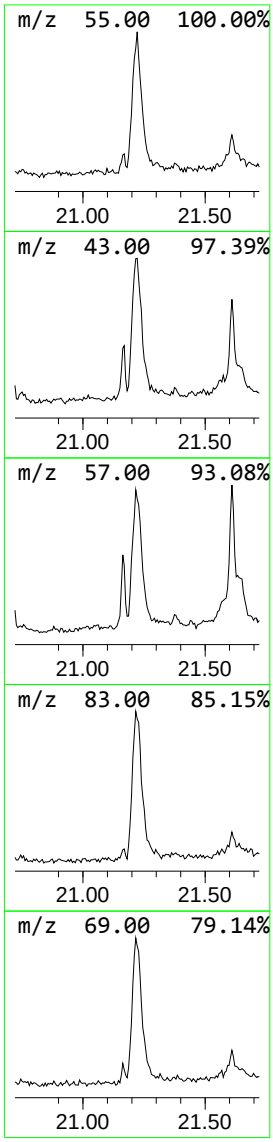
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	4.87 ng/ul	626574	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Instrument :
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ClientSampleId :
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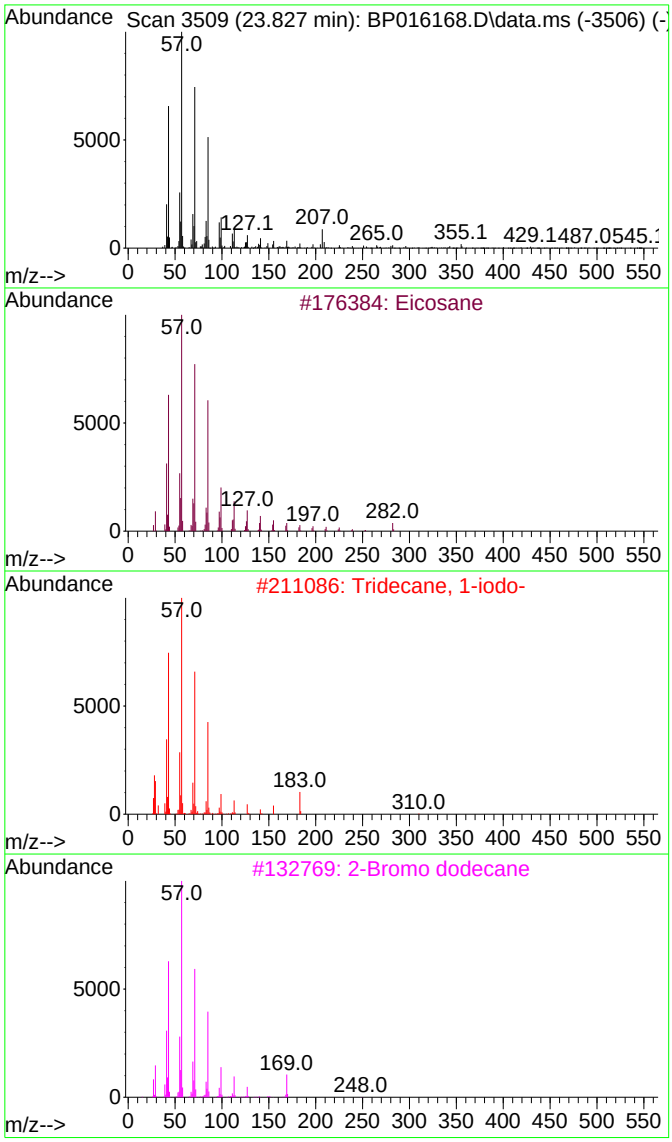
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

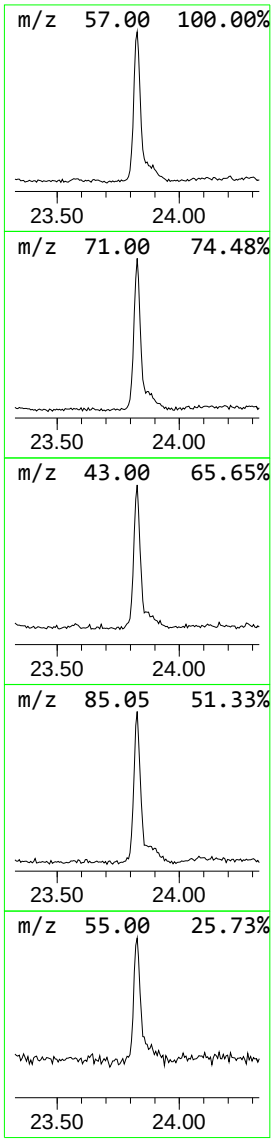
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	2.63 ng/ul	330607	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





Tentatively Identified Compound (LSC) summary

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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	16.069	3.9	ng/ul	468154	4	17.439	2406550	20.0
n-Hexadecanoic ...	18.287	3.5	ng/ul	414896	4	17.439	2406550	20.0
(DEL) Alkane: S...	21.222	4.9	ng/ul	626574	5	21.545	2571480	20.0
(DEL) Alkane: S...	23.827	2.6	ng/ul	330607	6	24.080	2512320	20.0