LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

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: BP016166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	23	27	34	rVB	41916	58497	0.96%	0.104%
2	3.799	101	104	127	rBV	283419	645419	10.63%	1.145%
3	4.528	226	228	233	rVB2	15424	25371	0.42%	0.045%
4	7.063	657	659	663	rVB5	6124	7762	0.13%	0.014%
5	7.240	681	689	704	rBV	260781	1038046	17.10%	1.842%
6	7.357	704	709	718	rVV	263666	565441	9.31%	1.003%
7	7.569	738	745	776	rVB	392159	1170289	19.28%	2.077%
8	8.022	815	822	851	rBV	337499	1226500	20.20%	2.176%
9	8.799	945	954	997	rBV2	280684	1566696	25.81%	2.780%
10	9.246	1021	1030	1062	rBV	315050	1221411	20.12%	2.167%
11	9.528	1074	1078	1082	rVB6	9964	14357	0.24%	0.025%
12	9.993	1146	1157	1180	rBV3	188616	1011871	16.67%	1.796%
13	10.593	1251	1259	1275	rBV2	237556	1137518	18.74%	2.019%
14	10.851	1296	1303	1323	rVB	619054	1904385	31.37%	3.379%
15	11.081	1335	1342	1385	rBV2	209809	1214877	20.01%	2.156%
16	12.534	1584	1589	1594	rVV8	8255	17564	0.29%	0.031%
17	13.487	1747	1751	1757	rBV9	6129	11964	0.20%	0.021%
18	13.563	1757	1764	1771	rVV5	17553	43925	0.72%	0.078%
19	14.010	1835	1840	1847	rVB5	7029	15249	0.25%	0.027%
20	14.098	1848	1855	1886	rBV	1002769	2793186	46.01%	4.957%
21	14.369	1894	1901	1927	rBV2	1674767	3322331	54.73%	5.896%
22	14.675	1946	1953	1974	rBV	1514003	2888153	47.58%	5.125%
23	15.092	2015	2024	2033	rBV6	74090	358101	5.90%	0.635%
24	15.504	2089	2094	2098	rBV7	8104	15221	0.25%	0.027%
25	15.686	2117	2125	2147	rBV	1689578	4334583	71.40%	7.692%
26	15.910	2155	2163	2184	rBV3	153976	829884	13.67%	1.473%
27	16.069	2184	2190	2206	rVB	382979	738819	12.17%	1.311%
28	16.616	2281	2283	2289	rVB7	9714	11560	0.19%	0.021%
29	16.692	2294	2296	2302	rVV6	5595	9391	0.15%	0.017%
30	16.751	2302	2306	2311	rVV8	9018	13868	0.23%	0.025%
31	16.810	2313	2316	2321	rVV7	4953	8398	0.14%	0.015%
32	16.875	2321	2327	2329	rVV7	8395	14492	0.24%	0.026%
33	16.916	2332	2334	2339	rVB6	8337	10459	0.17%	0.019%
34	17.098	2362	2365	2370	rBV7	7359	10965	0.18%	0.019%
35	17.439	2416	2423	2435	rBV	2108400	3614144	59.54%	6.413%
36	17.545	2435	2441	2473	rVB2	1649114	4767103	78.53%	8.459%

LSC Area Percent Report

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

37	18.286	2562	2567	2578	rBV	299593	664983	10.95%	1.180%
38	18.680	2631	2634	2638	rVB5	16209	13731	0.23%	0.024%
39	19.351	2745	2748	2751	rBV3	39799	52454	0.86%	0.093%
40	19.427	2759	2761	2762	rBV	25875	20121	0.33%	0.036%
41	19.457	2762	2766	2772	rVB	141488	193915	3.19%	0.344%
42	19.516	2772	2776	2782	rBV	146918	230893	3.80%	0.410%
43	19.769	2814	2819	2839	rBV	2790144	6070427	100.00%	10.772%
44	20.227	2895	2897	2900	rBV3	47708	50290	0.83%	0.089%
45	20.710	2977	2979	2983	rBV2	72814	82987	1.37%	0.147%
46	21.380	3090	3093	3097	rVB	256362	270568	4.46%	0.480%
47	21.545	3116	3121	3131	rBV	1819775	4002629	65.94%	7.103%
48	23.174	3395	3398	3404	rVB	317215	465092	7.66%	0.825%
49	23.904	3516	3522	3543	rVB2	1637930	4336125	71.43%	7.695%
50	24.074	3545	3551	3570	rVB	1012763	3260984	53.72%	5.787%

Sum of corrected areas: 56352999

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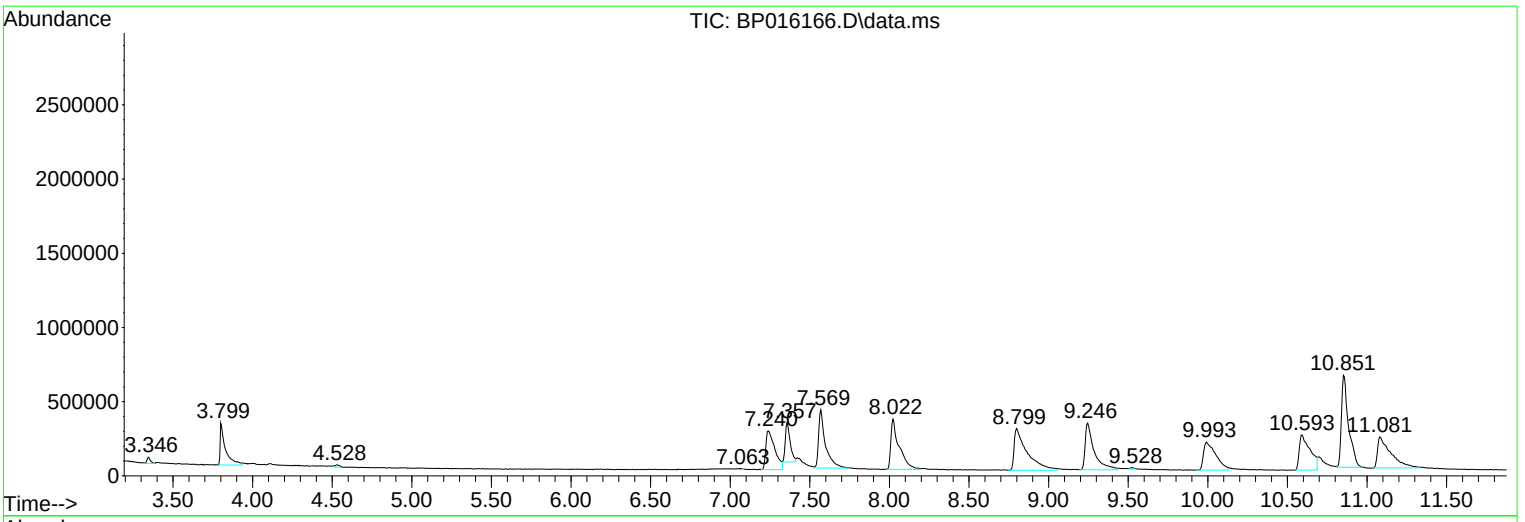
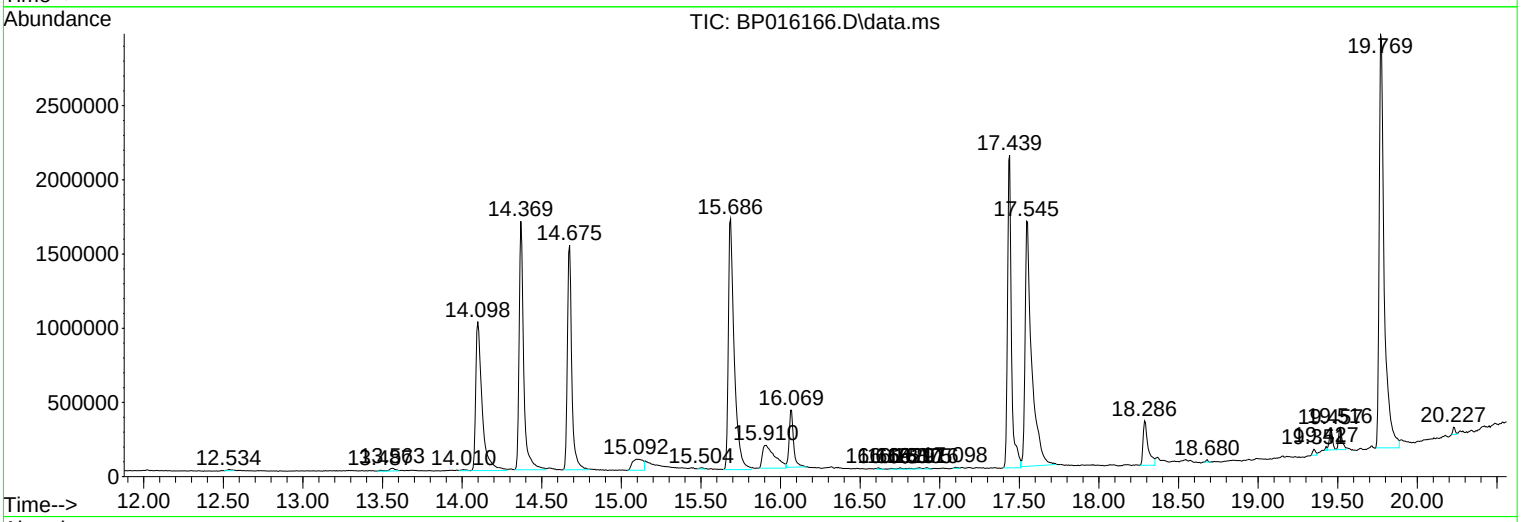
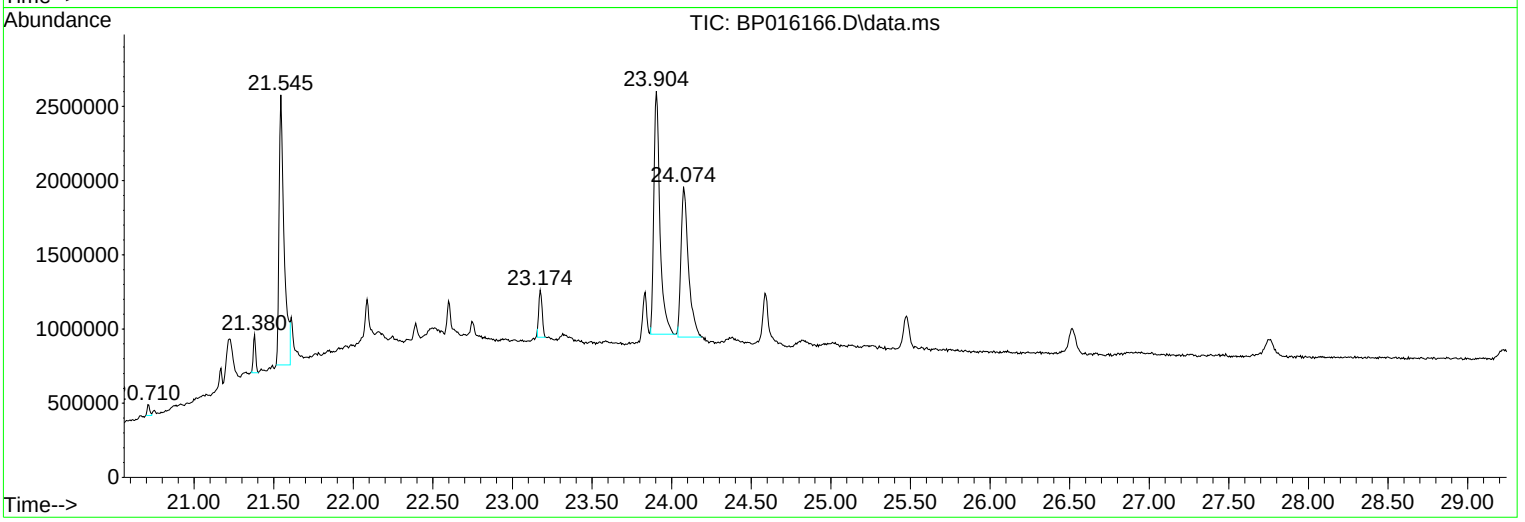
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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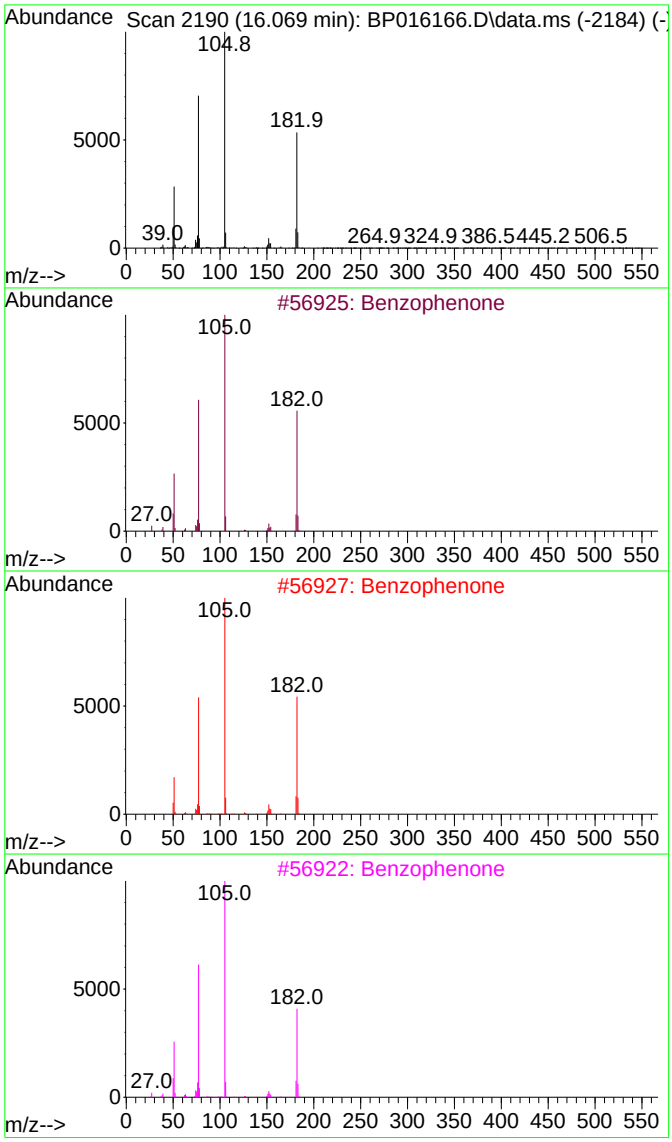
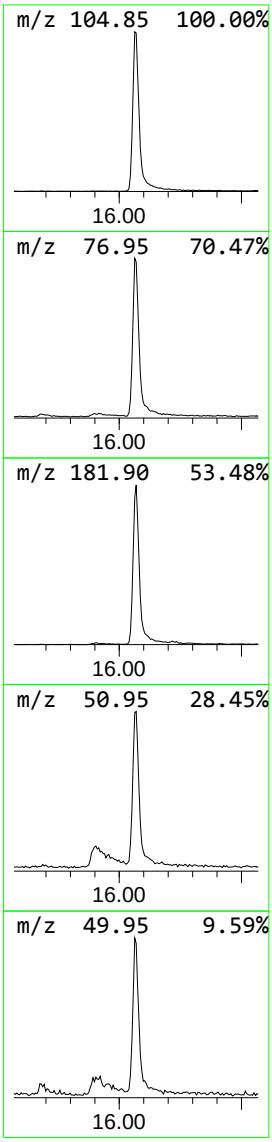
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	4.09 ng/ul	738819	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	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72





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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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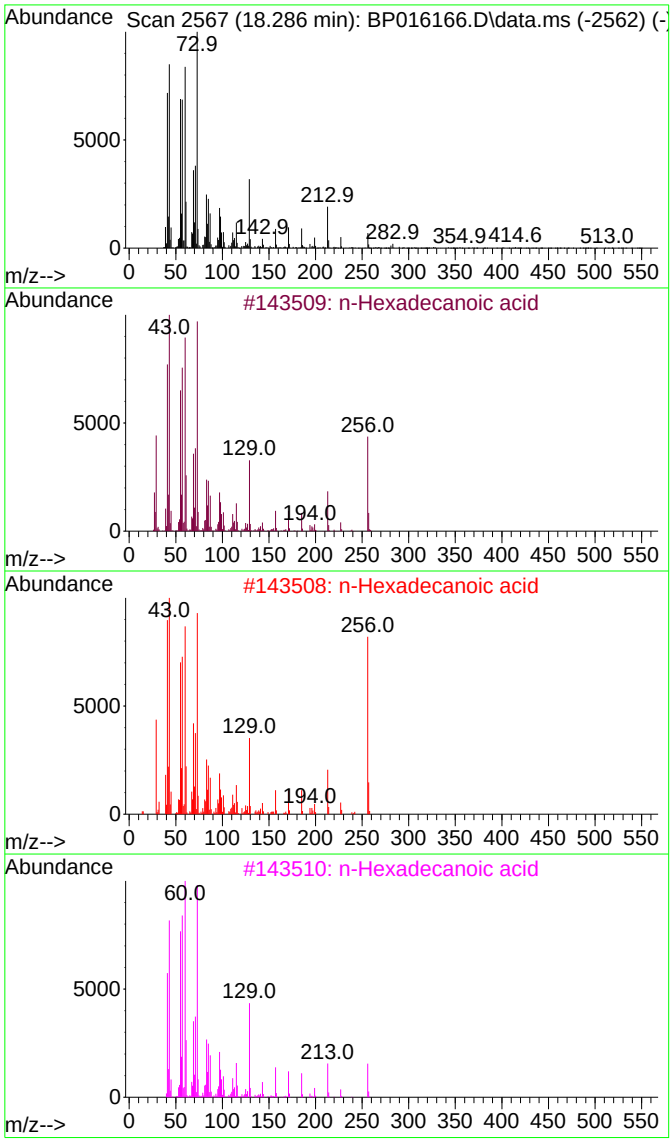
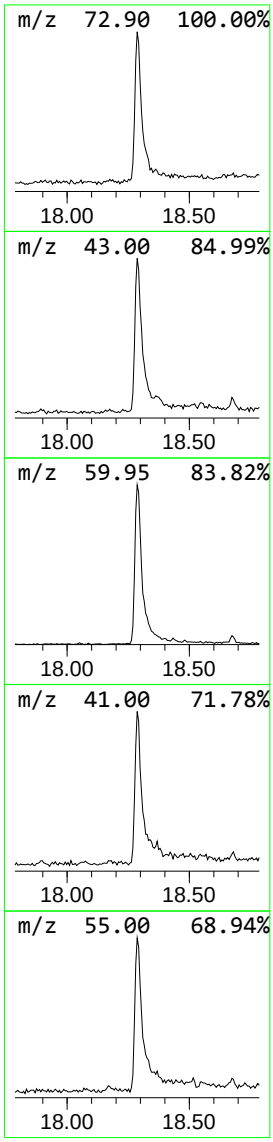
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.68 ng/ul	664983	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Quant Title : SVOA CALIBRATION

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

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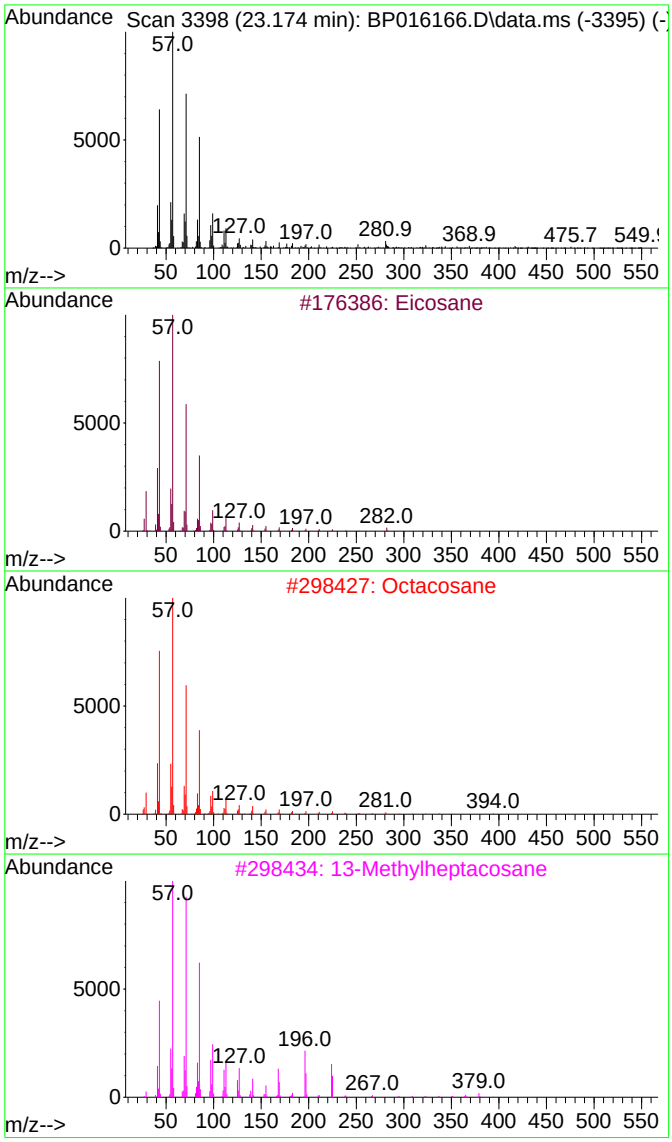
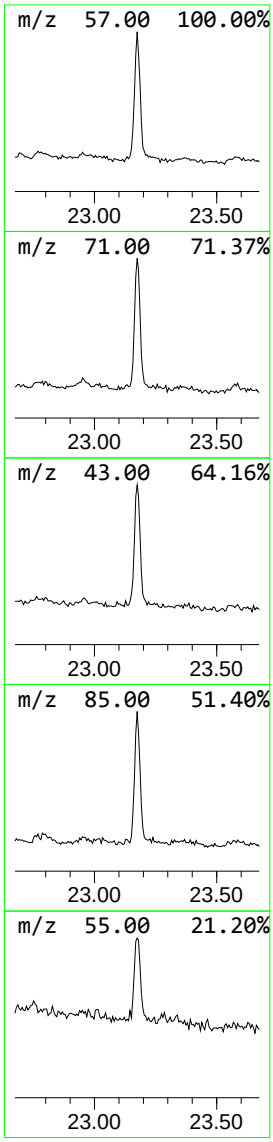
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.174	2.85 ng/ul	465092	Perylene-d12	24.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	90
3	13-Methylheptacosane	394	C28H58	015689-72-2	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.069	4.1	ng/ul	738819	4	17.439	3614140	20.0
n-Hexadecanoic ...	18.286	3.7	ng/ul	664983	4	17.439	3614140	20.0
(DEL) Alkane: S...	23.174	2.9	ng/ul	465092	6	24.074	3260980	20.0