LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016125.D
Acq On : 09 Jul 2023 10:34
Operator : MA/JU
Sample : 03356-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW33

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: BP016125.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	24	27	34	rVB	49045	66730	0.92%	0.090%
2	3.799	102	104	125	rBV	443839	1009572	13.93%	1.360%
3	4.105	153	156	162	rVB4	10049	18349	0.25%	0.025%
4	4.540	228	230	239	rVB3	13953	18755	0.26%	0.025%
5	7.222	680	686	703	rBV	399569	1384252	19.10%	1.865%
6	7.352	703	708	716	rBV	406823	804860	11.11%	1.084%
7	7.564	737	744	768	rBV	535676	1377049	19.00%	1.855%
8	8.022	815	822	847	rBV	427674	1324412	18.27%	1.784%
9	8.781	944	951	994	rBV	465970	1859406	25.66%	2.505%
10	9.234	1020	1028	1060	rBV	464971	1468688	20.27%	1.979%
11	9.534	1076	1079	1084	rVB6	6994	10609	0.15%	0.014%
12	9.969	1144	1153	1181	rBV	287080	1295500	17.88%	1.745%
13	10.558	1244	1253	1296	rBV	321763	1791066	24.71%	2.413%
14	10.852	1296	1303	1327	rVB	794395	2082333	28.73%	2.805%
15	11.057	1330	1338	1368	rBV2	326915	1633195	22.54%	2.200%
16	12.028	1499	1503	1510	rVB8	4492	9704	0.13%	0.013%
17	12.475	1571	1579	1580	rBV7	4478	9495	0.13%	0.013%
18	12.528	1582	1588	1593	rVV8	7917	19767	0.27%	0.027%
19	13.287	1713	1717	1721	rBV7	5405	8566	0.12%	0.012%
20	13.557	1759	1763	1769	rBV9	6963	13167	0.18%	0.018%
21	14.093	1847	1854	1879	rBV	1361646	3130114	43.19%	4.217%
22	14.310	1887	1891	1894	rBV4	7520	11281	0.16%	0.015%
23	14.369	1894	1901	1926	rVV	1975803	3653655	50.41%	4.922%
24	14.546	1929	1931	1939	rVB7	12570	21210	0.29%	0.029%
25	14.675	1945	1953	1973	rBV	1782121	3048026	42.06%	4.106%
26	15.028	2006	2013	2025	rBV2	138331	629126	8.68%	0.848%
27	15.440	2080	2083	2089	rVB4	10660	17512	0.24%	0.024%
28	15.504	2090	2094	2101	rVB8	9873	20760	0.29%	0.028%
29	15.681	2117	2124	2148	rBV	2225814	4769144	65.81%	6.425%
30	15.881	2151	2158	2182	rVV	241676	1138991	15.72%	1.534%
31	16.051	2182	2187	2206	rVB	681023	1208839	16.68%	1.629%
32	16.322	2230	2233	2236	rVV3	8692	9465	0.13%	0.013%
33	16.545	2268	2271	2275	rBV6	5053	7940	0.11%	0.011%
34	16.604	2276	2281	2291	rVB	161428	248561	3.43%	0.335%
35	16.840	2316	2321	2332	rBV5	34263	83945	1.16%	0.113%
36	17.098	2361	2365	2370	rBV7	17436	30190	0.42%	0.041%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03356-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW33

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

37	17.140	2370	2372	2377	rVB6	8680	10869	0.15%	0.015%
38	17.187	2377	2380	2384	rBV6	10574	15423	0.21%	0.021%
39	17.234	2385	2388	2397	rVV8	9879	20700	0.29%	0.028%
40	17.322	2399	2403	2409	rVB8	11533	18583	0.26%	0.025%
41	17.434	2416	2422	2435	rBV	2535536	3922721	54.13%	5.285%
42	17.545	2435	2441	2465	rVV	2189399	5442539	75.10%	7.332%
43	18.169	2543	2547	2554	rBV4	50740	82840	1.14%	0.112%
44	18.292	2562	2568	2579	rBV	729021	1426885	19.69%	1.922%
45	19.351	2744	2748	2751	rBV2	53554	72314	1.00%	0.097%
46	19.410	2754	2758	2759	rBV3	38932	53751	0.74%	0.072%
47	19.522	2773	2777	2792	rBV3	167842	376230	5.19%	0.507%
48	19.769	2813	2819	2843	rBV	3380653	7247171	100.00%	9.763%
49	20.233	2896	2898	2901	rBV2	30520	35204	0.49%	0.047%
50	20.722	2978	2981	2983	rBV2	51137	54463	0.75%	0.073%
51	21.169	3055	3057	3060	rBV2	69939	68238	0.94%	0.092%
52	21.222	3060	3066	3079	rVV3	456079	1293322	17.85%	1.742%
53	21.539	3115	3120	3132	rBV2	2148919	5075321	70.03%	6.837%
54	22.751	3321	3326	3335	rBV	2158321	3102292	42.81%	4.179%
55	23.898	3514	3521	3540	rVB2	2696179	6758019	93.25%	9.104%
56	24.069	3543	3550	3571	rVB	1476437	4918022	67.86%	6.625%

Sum of corrected areas: 74229141

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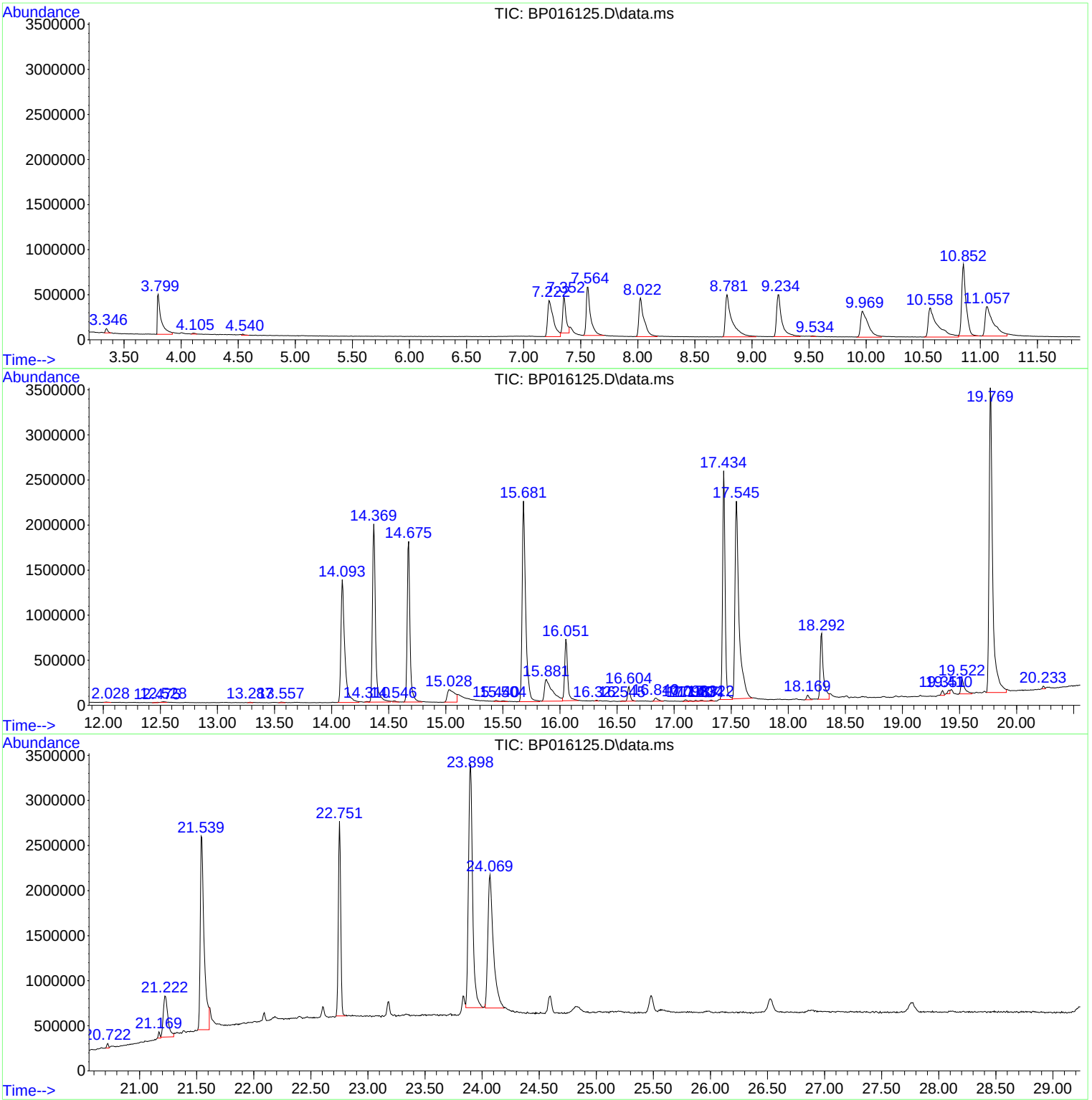
Instrument :
BNA_P
ClientSampleId :
YBW33

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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TIC Integration Parameters: LSCINT.P

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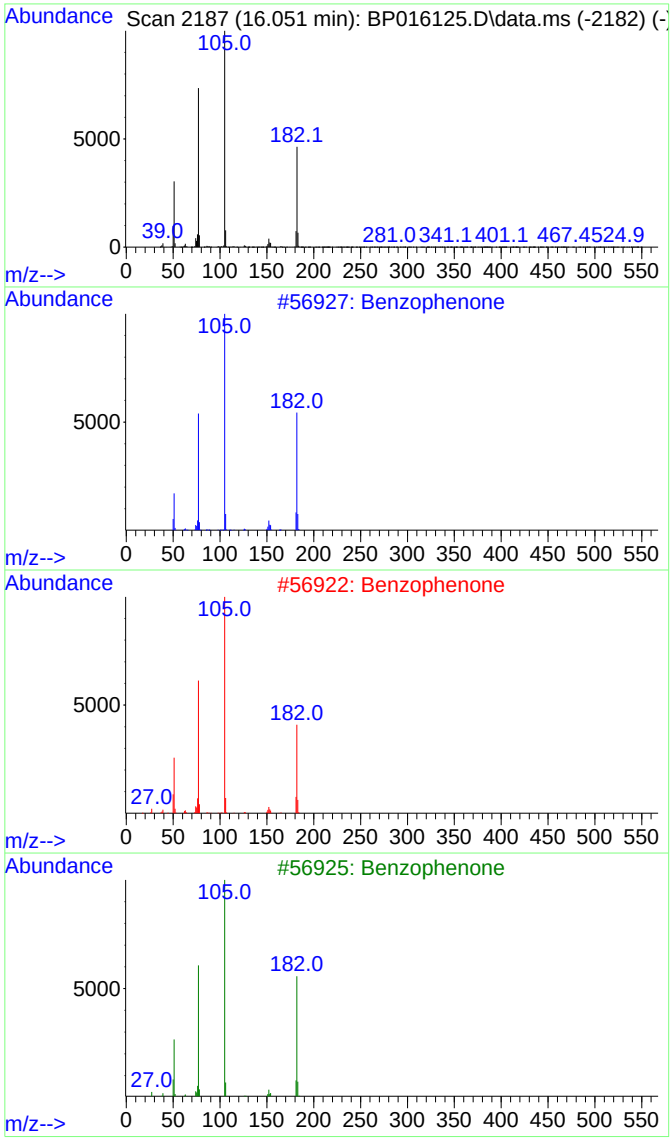
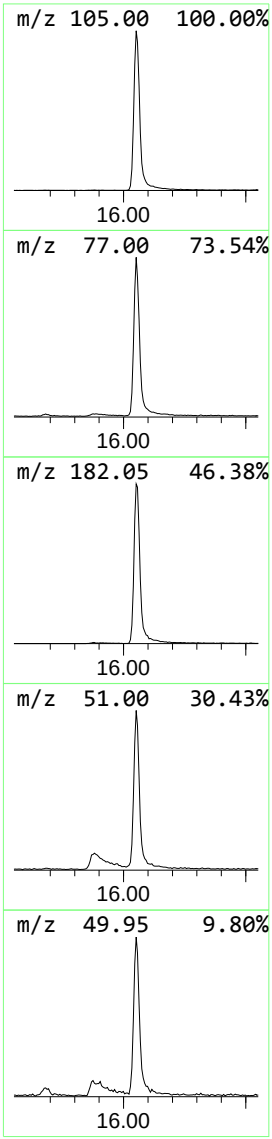
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	7.93 ng/ul	1208840	Acenaphthene-d10	14.675

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	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Azobenzene	182	C12H10N2	000103-33-3	78





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Instrument :
BNA_P
ClientSampleId :
YBW33

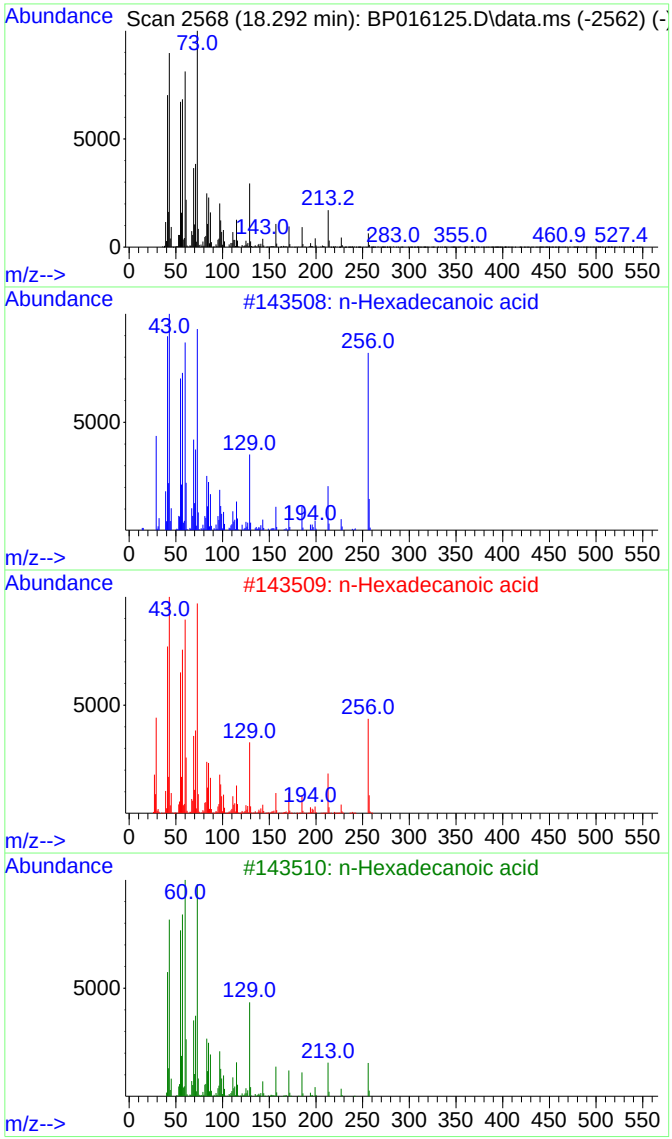
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

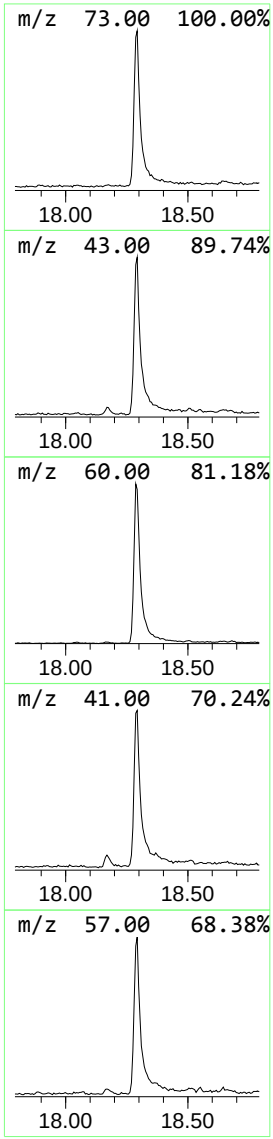
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	7.27 ng/ul	1426890	Phenanthrene-d10	17.434

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Operator : MA/JU
Sample : 03356-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW33

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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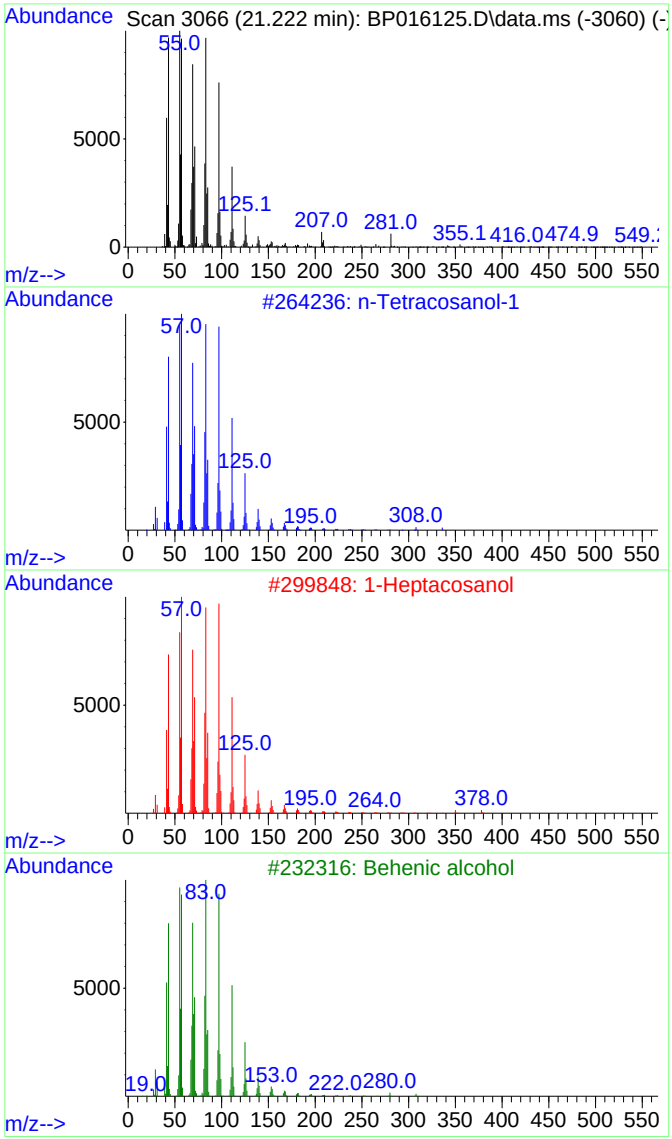
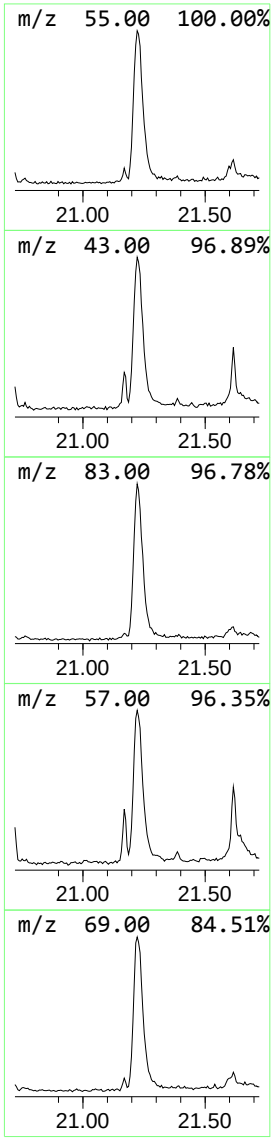
Peak Number 3 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	5.10 ng/ul	1293320	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Docosene	308	C22H44	001599-67-3	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW33

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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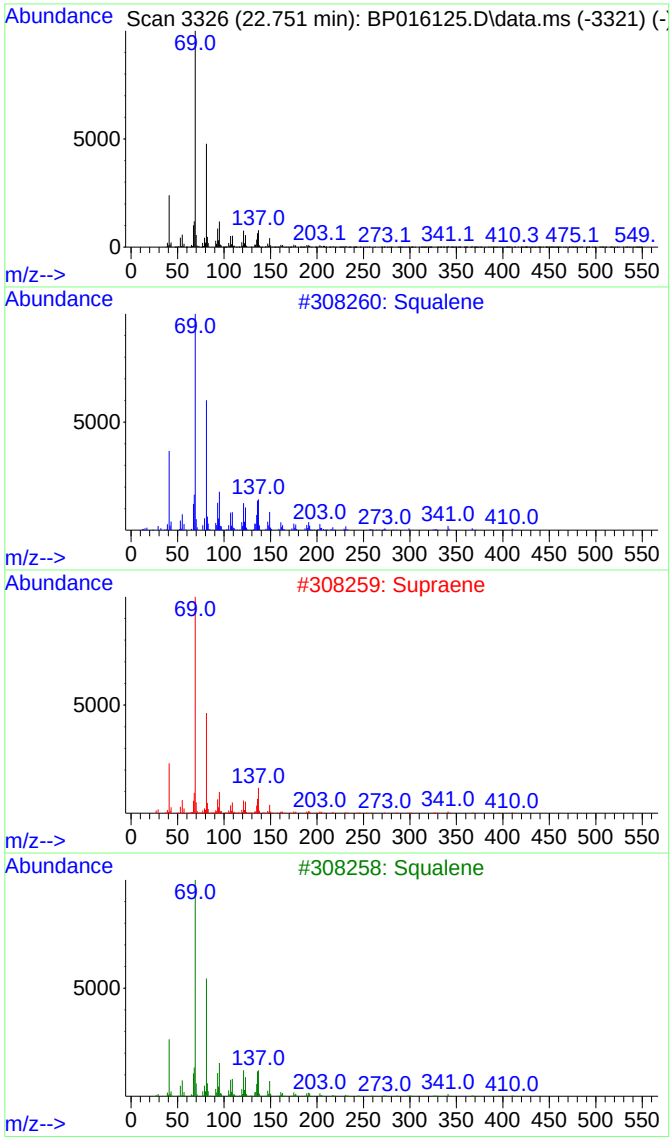
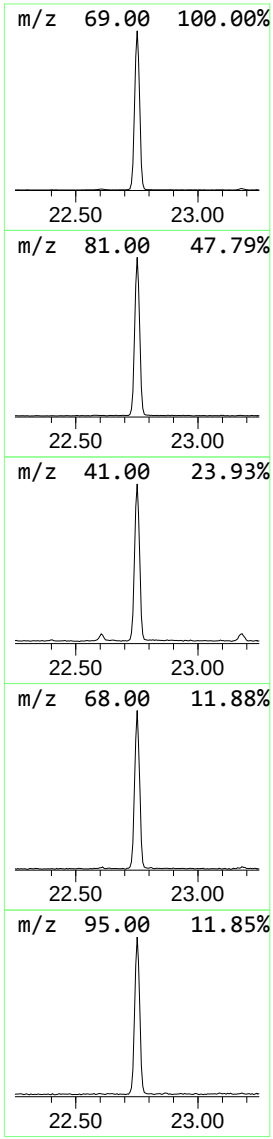
Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.751	12.23 ng/ul	3102290	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	90
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64





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	16.051	7.9	ng/ul	1208840	3	14.675	3048030	20.0
n-Hexadecanoic ...	18.292	7.3	ng/ul	1426890	4	17.434	3922720	20.0
n-Tetracosanol-1	21.222	5.1	ng/ul	1293320	5	21.539	5075320	20.0
Squalene	22.751	12.2	ng/ul	3102290	5	21.539	5075320	20.0