LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016124.D
Acq On : 09 Jul 2023 10:00
Operator : MA/JU
Sample : 03356-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW32

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: BP016124.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	36	rVB	58022	85521	1.38%	0.126%
2	3.799	101	104	133	rBV	472800	1080565	17.39%	1.594%
3	4.111	155	157	163	rVB4	14878	20222	0.33%	0.030%
4	7.222	679	686	703	rBV	402098	1399864	22.52%	2.065%
5	7.352	703	708	716	rBV	429348	843003	13.56%	1.243%
6	7.558	737	743	768	rVB	563482	1402148	22.56%	2.068%
7	8.022	815	822	852	rBV	526977	1593721	25.64%	2.351%
8	8.781	943	951	988	rBV2	475125	1890069	30.41%	2.788%
9	9.228	1020	1027	1060	rBV	495137	1524376	24.53%	2.248%
10	9.528	1076	1078	1084	rVB5	9031	13303	0.21%	0.020%
11	9.969	1145	1153	1177	rBV2	275680	1248717	20.09%	1.842%
12	10.563	1244	1254	1285	rBV	310658	1711499	27.54%	2.524%
13	10.851	1295	1303	1322	rBV	923204	2418047	38.91%	3.567%
14	11.057	1331	1338	1374	rBV	338883	1644410	26.46%	2.426%
15	12.034	1498	1504	1506	rBV6	6761	10898	0.18%	0.016%
16	12.469	1574	1578	1582	rBV7	6962	12338	0.20%	0.018%
17	12.534	1584	1589	1590	rBV4	8277	12368	0.20%	0.018%
18	12.722	1615	1621	1625	rBV9	3802	6892	0.11%	0.010%
19	13.487	1745	1751	1755	rBV9	6437	14836	0.24%	0.022%
20	13.557	1757	1763	1771	rVV	22116	48328	0.78%	0.071%
21	14.004	1833	1839	1846	rBV8	7121	16738	0.27%	0.025%
22	14.092	1846	1854	1887	rVV	1241062	3101058	49.90%	4.574%
23	14.304	1887	1890	1895	rVV2	9389	20235	0.33%	0.030%
24	14.369	1895	1901	1925	rVV	2008296	3617837	58.21%	5.336%
25	14.551	1929	1932	1942	rVB6	17981	34173	0.55%	0.050%
26	14.675	1946	1953	1973	rBV	1995727	3474709	55.91%	5.125%
27	15.045	2009	2016	2028	rBV4	116904	552624	8.89%	0.815%
28	15.439	2081	2083	2089	rVB6	8380	10636	0.17%	0.016%
29	15.492	2089	2092	2102	rVB5	11361	22288	0.36%	0.033%
30	15.681	2117	2124	2142	rBV	2041690	4577368	73.65%	6.752%
31	15.881	2152	2158	2182	rBV	196674	974680	15.68%	1.438%
32	16.057	2182	2188	2214	rVB	730898	1387535	22.33%	2.047%
33	16.316	2229	2232	2237	rBV5	11885	16106	0.26%	0.024%
34	16.481	2256	2260	2266	rVB9	5317	10053	0.16%	0.015%
35	16.604	2276	2281	2292	rBV	171359	270596	4.35%	0.399%
36	16.751	2303	2306	2309	rBV5	6580	8159	0.13%	0.012%

LSC Area Percent Report

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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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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

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Peak separation: 5

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

37	16.863	2322	2325	2332	rVB7	9087	18466	0.30%	0.027%
38	16.922	2332	2335	2338	rVB5	8757	10627	0.17%	0.016%
39	17.098	2361	2365	2371	rBV8	16375	30183	0.49%	0.045%
40	17.181	2378	2379	2384	rBV5	5372	8045	0.13%	0.012%
41	17.333	2401	2405	2408	rBV6	7866	11649	0.19%	0.017%
42	17.433	2414	2422	2435	rBV	2642245	4383165	70.53%	6.465%
43	17.545	2435	2441	2467	rVB2	1877031	5044433	81.17%	7.441%
44	18.175	2546	2548	2553	rVB6	10801	14318	0.23%	0.021%
45	18.292	2563	2568	2580	rBV2	258677	631981	10.17%	0.932%
46	19.351	2745	2748	2753	rBV3	43848	59924	0.96%	0.088%
47	19.533	2774	2779	2785	rBV2	60980	131418	2.11%	0.194%
48	19.775	2814	2820	2844	rBV	2714701	6215027	100.00%	9.167%
49	21.227	3061	3067	3079	rBV2	377158	1017693	16.37%	1.501%
50	21.551	3116	3122	3143	rBV2	1895680	5036113	81.03%	7.428%
51	22.751	3322	3326	3332	rVB	517775	750064	12.07%	1.106%
52	23.904	3515	3522	3542	rBV2	1908986	4948742	79.63%	7.299%
53	24.074	3544	3551	3576	rVB	1264609	4408803	70.94%	6.503%

Sum of corrected areas: 67796571

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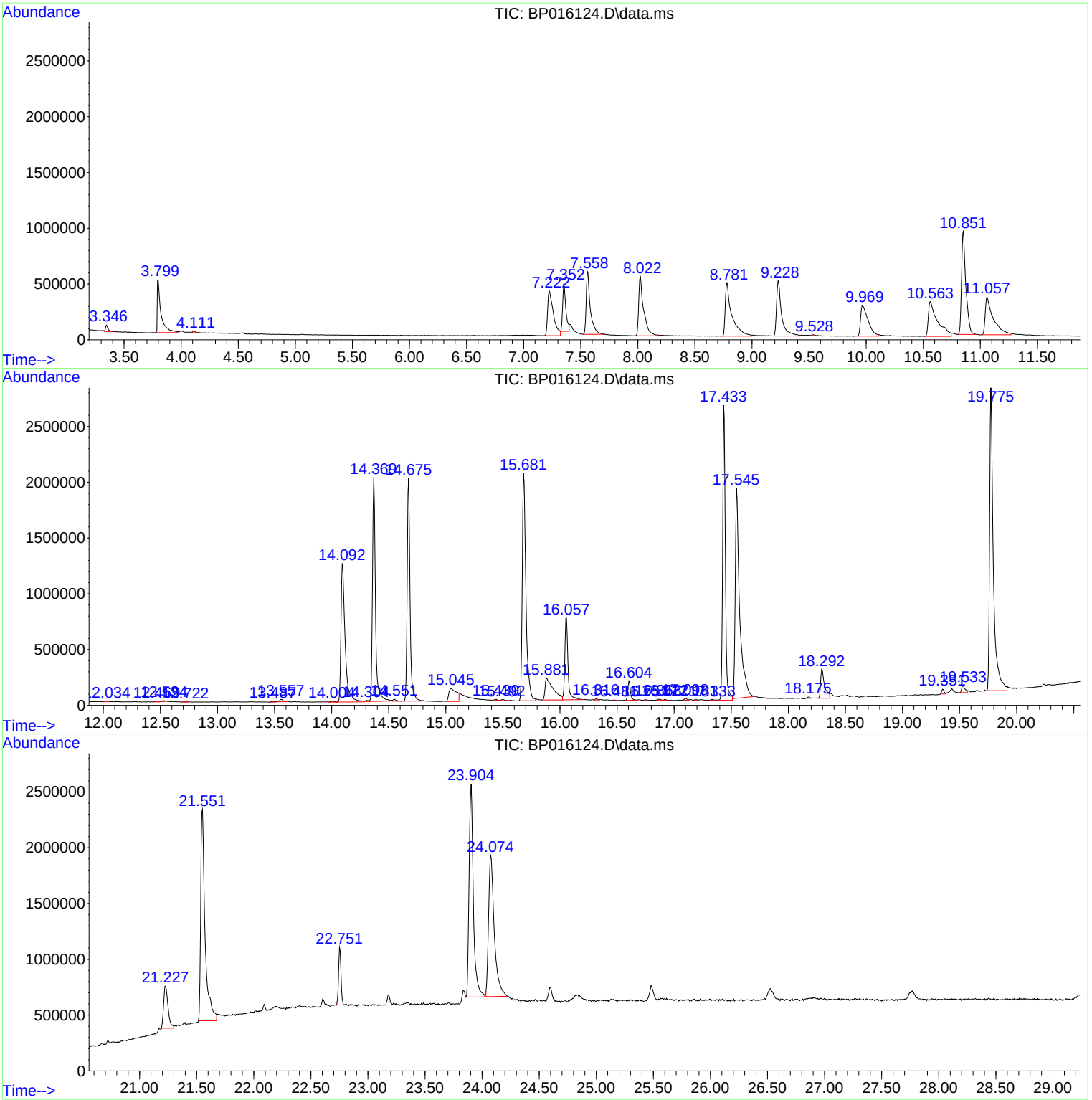
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP016124.D
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Operator : MA/JU
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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
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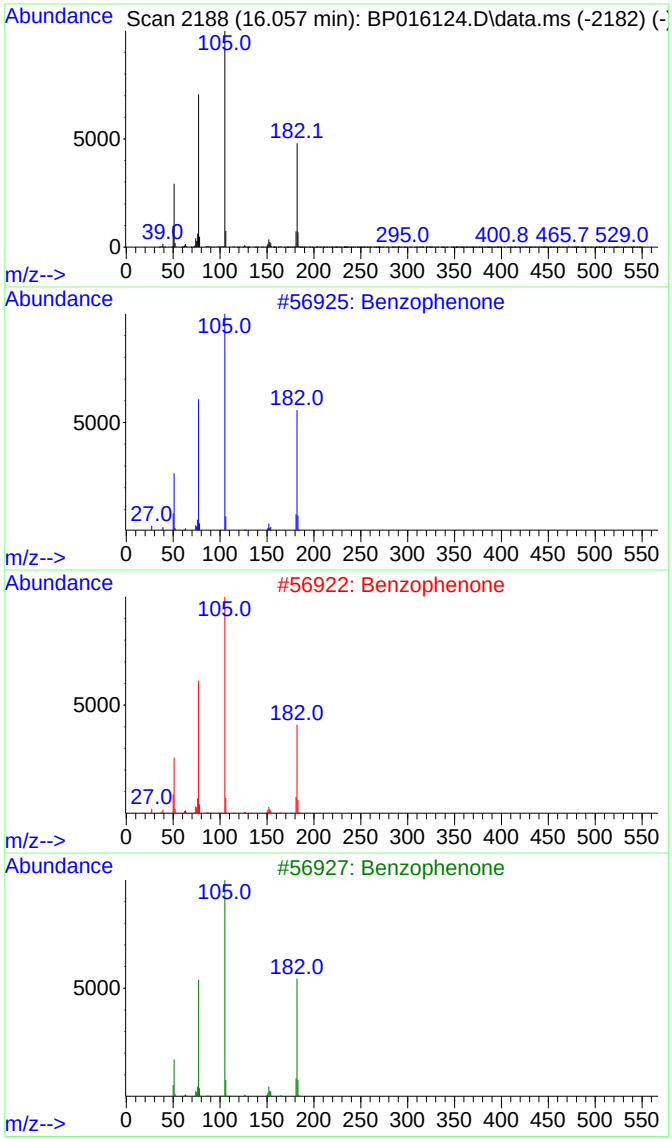
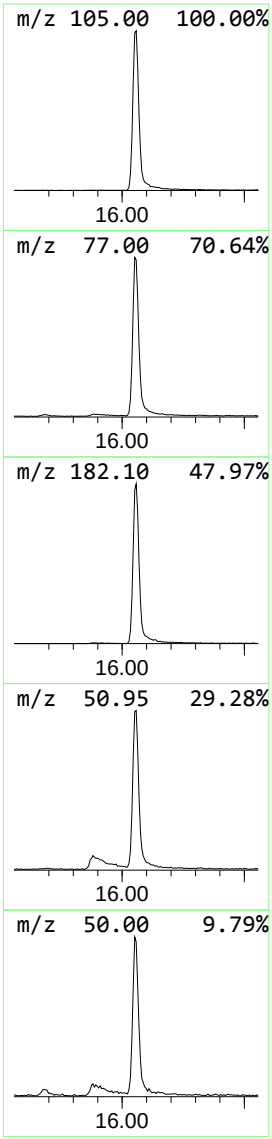
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	6.33 ng/ul	1387540	Phenanthrene-d10	17.433

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	90





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Instrument :
BNA_P
ClientSampleId :
YBW32

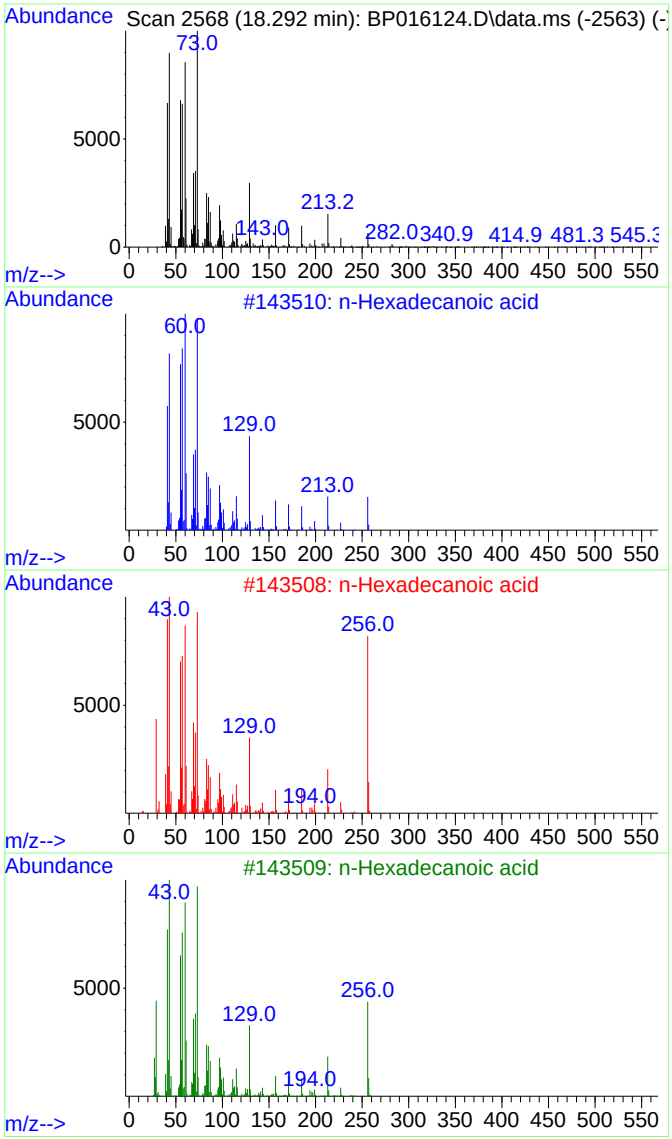
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

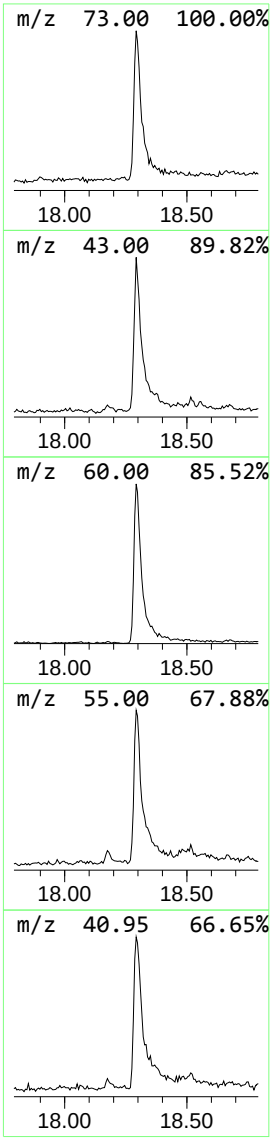
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.88 ng/ul	631981	Phenanthrene-d10	17.433

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	92
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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ClientSampleId :
YBW32

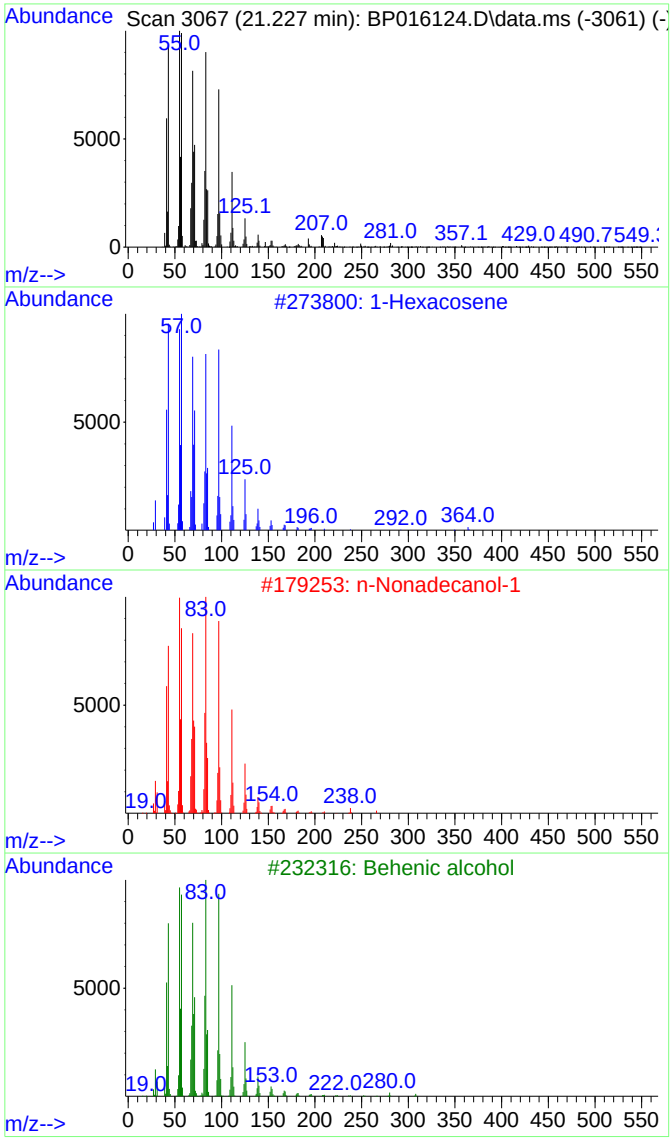
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

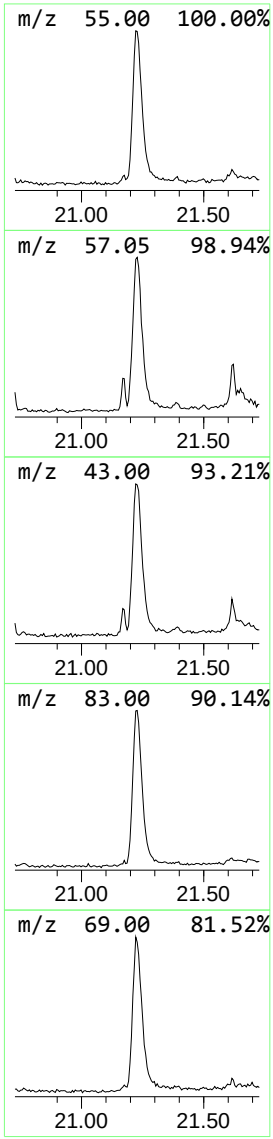
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	4.04 ng/ul	1017690	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	1-Tricosene	322	C23H46	018835-32-0	91





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ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW32

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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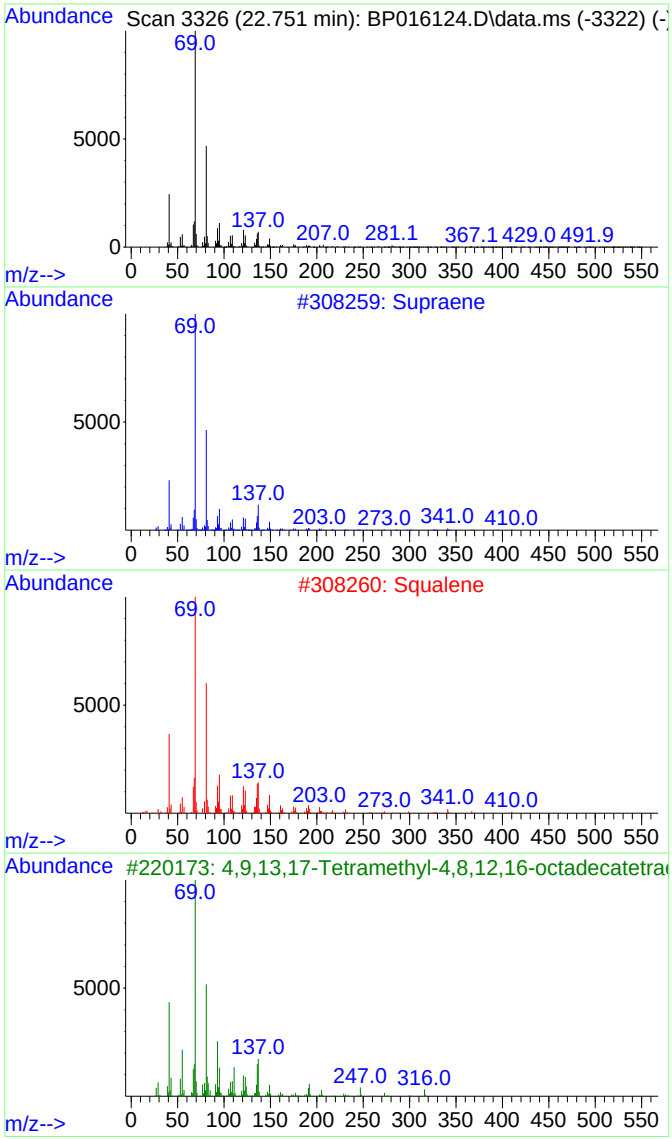
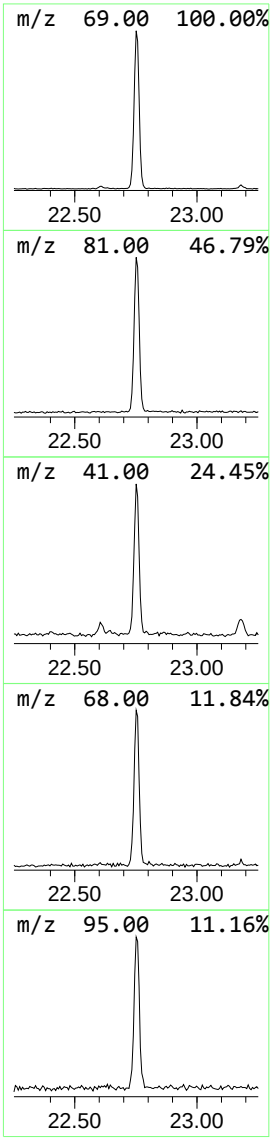
Peak Number 4 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.751	2.98 ng/ul	750064	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	Squalene	410	C30H50	000111-02-4	80
5	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	72





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	16.057	6.3	ng/ul	1387540	4	17.433	4383170	20.0
n-Hexadecanoic ...	18.292	2.9	ng/ul	631981	4	17.433	4383170	20.0
(DEL) Alkane: S...	21.227	4.0	ng/ul	1017690	5	21.545	5036110	20.0
Supraene	22.751	3.0	ng/ul	750064	5	21.545	5036110	20.0