LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016180.D
Acq On : 11 Jul 2023 05:24
Operator : MA/JU
Sample : 03404-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW55

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: BP016180.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	32	rVB	56327	73699	1.10%	0.112%
2	3.799	102	104	126	rBV	309361	719475	10.78%	1.093%
3	7.222	678	686	701	rBV	397523	1421653	21.30%	2.161%
4	7.346	701	707	715	rBV	472267	903999	13.55%	1.374%
5	7.552	736	742	770	rVB	582415	1485103	22.26%	2.257%
6	8.010	813	820	848	rBV	512076	1576053	23.62%	2.395%
7	8.775	943	950	986	rBV2	453410	2023956	30.33%	3.076%
8	9.222	1019	1026	1054	rBV	474597	1609674	24.12%	2.446%
9	9.516	1072	1076	1085	rVB5	11078	23252	0.35%	0.035%
10	9.969	1144	1153	1178	rBV2	269233	1357220	20.34%	2.063%
11	10.569	1248	1255	1288	rBV2	341104	1873155	28.07%	2.847%
12	10.846	1294	1302	1328	rVB	834545	2460897	36.88%	3.740%
13	11.075	1334	1341	1365	rBV2	197435	1033293	15.48%	1.570%
14	12.022	1500	1502	1509	rVB8	7608	9647	0.14%	0.015%
15	12.534	1584	1589	1597	rBV8	9863	21836	0.33%	0.033%
16	12.804	1629	1635	1640	rBV10	3478	7530	0.11%	0.011%
17	13.481	1748	1750	1755	rVV5	5136	8155	0.12%	0.012%
18	13.551	1755	1762	1773	rVV2	23442	57574	0.86%	0.088%
19	13.692	1785	1786	1793	rVB7	4854	7382	0.11%	0.011%
20	13.998	1835	1838	1843	rBV7	6235	11325	0.17%	0.017%
21	14.087	1846	1853	1880	rBV	1452530	3639940	54.55%	5.532%
22	14.363	1893	1900	1927	rBV	2325252	4208713	63.07%	6.396%
23	14.539	1927	1930	1940	rVB10	12291	30421	0.46%	0.046%
24	14.669	1945	1952	1976	rBV	1912181	3402296	50.99%	5.171%
25	14.963	1998	2002	2008	rBV9	6318	12485	0.19%	0.019%
26	15.069	2011	2020	2029	rBV6	101914	513936	7.70%	0.781%
27	15.498	2089	2093	2095	rBV3	8998	10222	0.15%	0.016%
28	15.675	2116	2123	2144	rBV	2218662	5369348	80.46%	8.160%
29	15.881	2152	2158	2182	rBV5	187075	1010537	15.14%	1.536%
30	16.057	2183	2188	2210	rVB	429104	771204	11.56%	1.172%
31	16.281	2223	2226	2229	rBV5	4369	7306	0.11%	0.011%
32	16.316	2229	2232	2235	rVB4	10678	11561	0.17%	0.018%
33	16.610	2278	2282	2286	rBV4	18971	28355	0.42%	0.043%
34	16.745	2302	2305	2309	rVB6	6110	6930	0.10%	0.011%
35	16.910	2331	2333	2340	rVB6	10515	14016	0.21%	0.021%
36	17.086	2360	2363	2365	rBV4	10006	12323	0.18%	0.019%

LSC Area Percent Report

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

37	17.339	2402	2406	2408	rBV5	6056	8059	0.12%	0.012%
38	17.433	2414	2422	2434	rBV	2510660	3973983	59.55%	6.040%
39	17.545	2434	2441	2470	rVB	1976094	5723918	85.78%	8.699%
40	18.292	2563	2568	2580	rBV	216746	534941	8.02%	0.813%
41	19.351	2744	2748	2752	rBV2	49149	72641	1.09%	0.110%
42	19.522	2773	2777	2790	rBV3	70205	164390	2.46%	0.250%
43	19.716	2807	2810	2813	rBV2	31564	28505	0.43%	0.043%
44	19.769	2813	2819	2852	rBV2	2739649	6673072	100.00%	10.142%
45	20.227	2894	2897	2901	rBV	69481	90254	1.35%	0.137%
46	20.716	2977	2980	2984	rBV	100053	96521	1.45%	0.147%
47	21.169	3053	3057	3059	rBV	130923	163535	2.45%	0.249%
48	21.221	3060	3066	3082	rVV4	301710	994754	14.91%	1.512%
49	21.551	3116	3122	3130	rBV	1377968	3377066	50.61%	5.133%
50	22.086	3210	3213	3217	rVB	129628	153218	2.30%	0.233%
51	22.598	3297	3300	3307	rVB	157959	224399	3.36%	0.341%
52	23.174	3395	3398	3404	rVB	197062	275326	4.13%	0.418%
53	23.827	3505	3509	3514	rVB	216406	351521	5.27%	0.534%
54	23.904	3515	3522	3543	rVV2	1536308	4211309	63.11%	6.400%
55	24.080	3546	3552	3578	rVB	787118	2945454	44.14%	4.477%

Sum of corrected areas: 65797337

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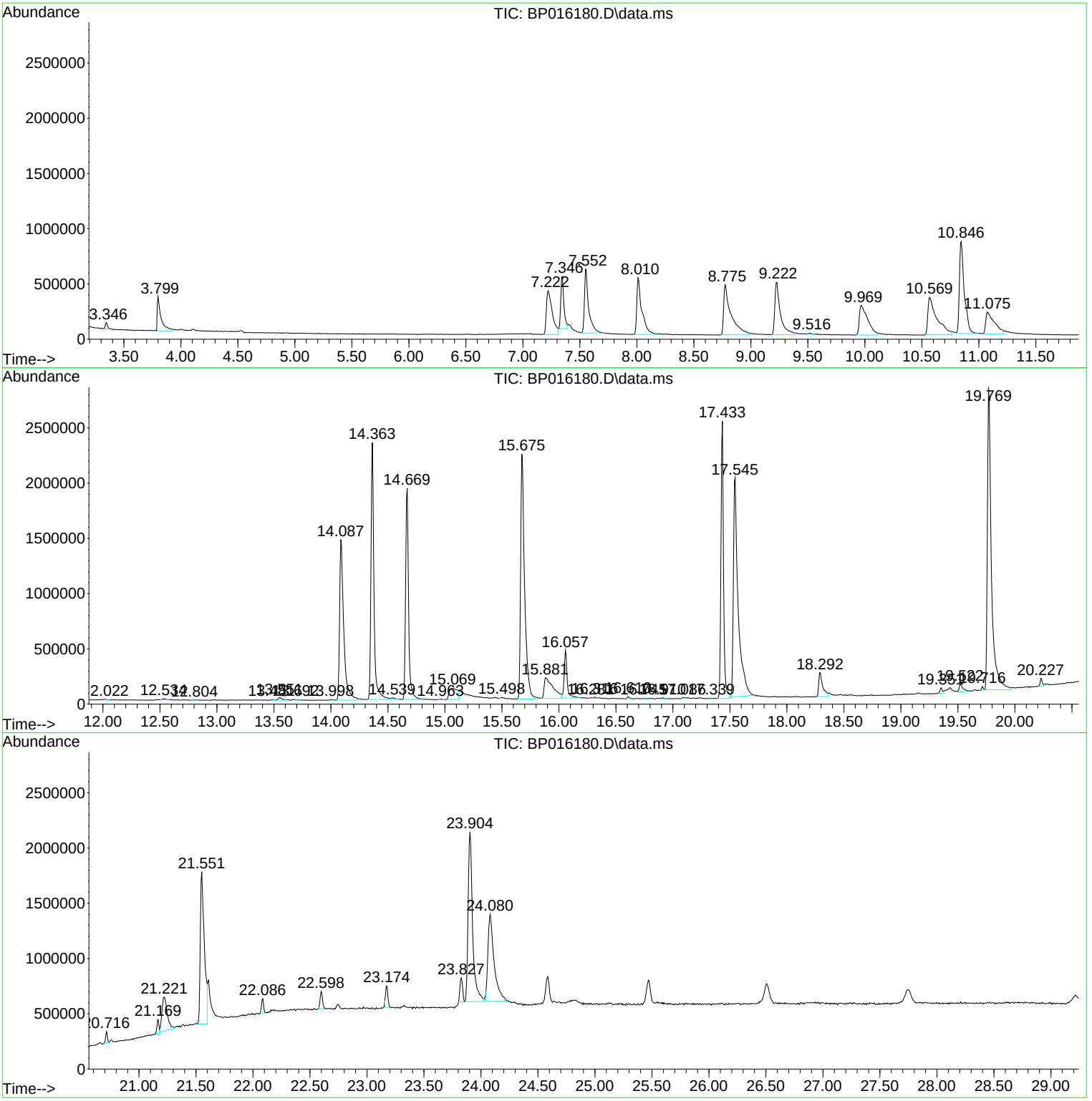
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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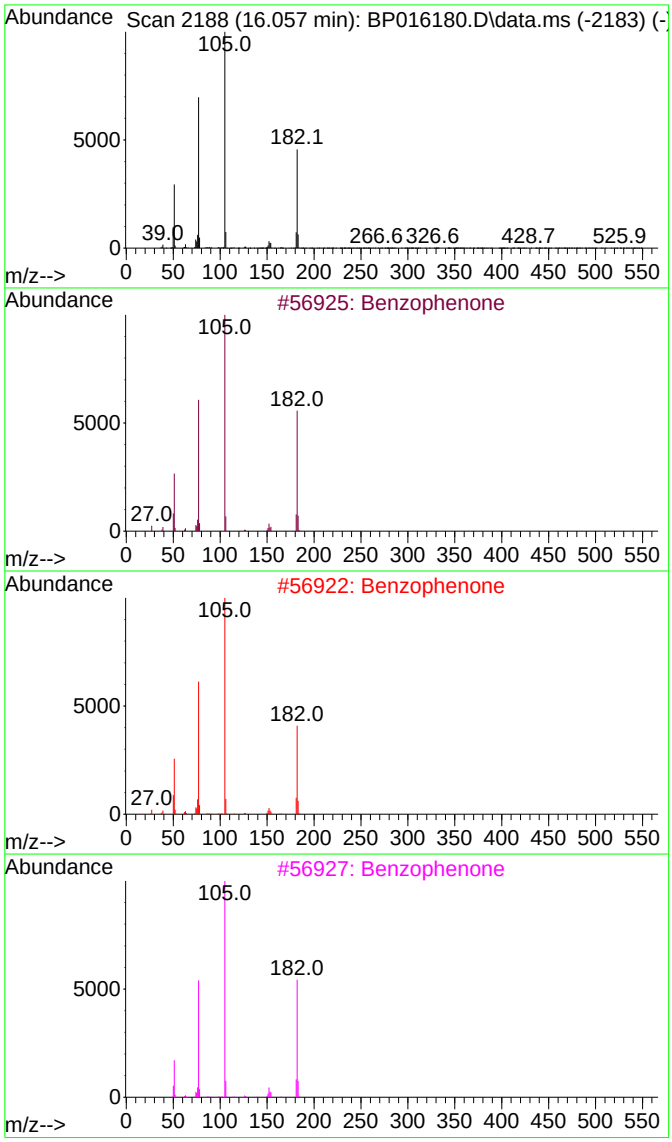
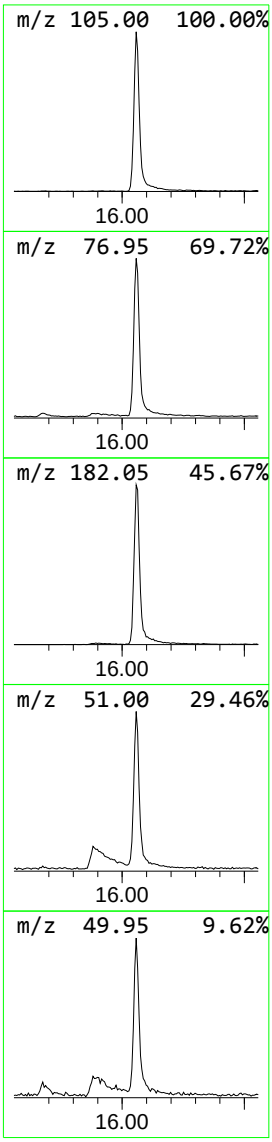
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	3.88 ng/ul	771204	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	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Quant Title : SVOA CALIBRATION

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

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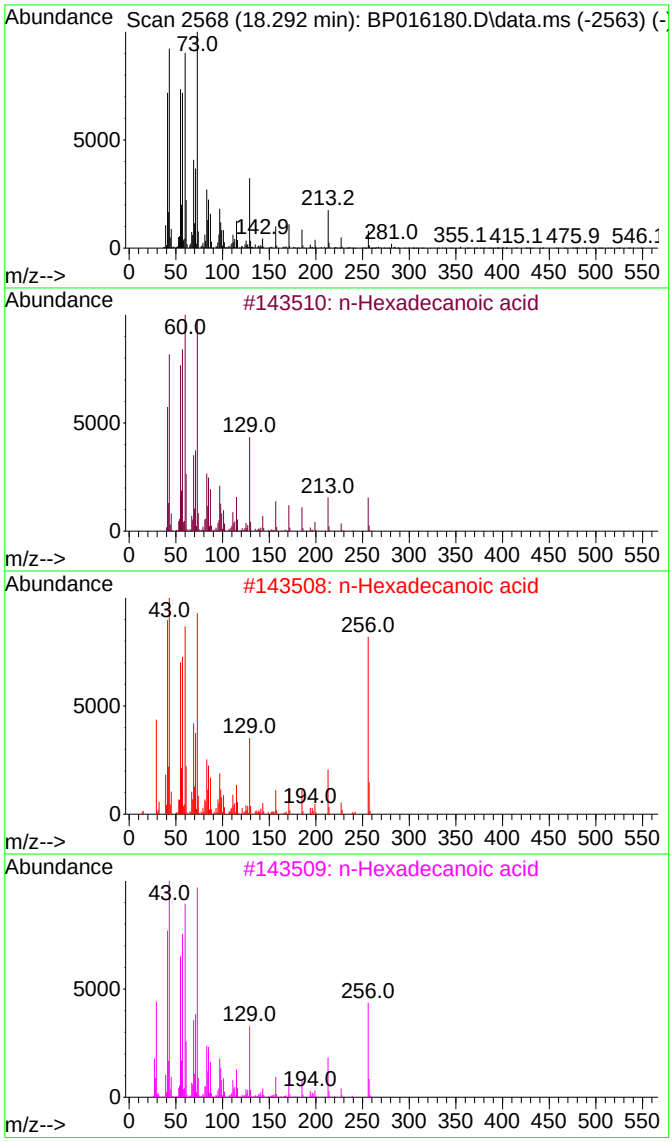
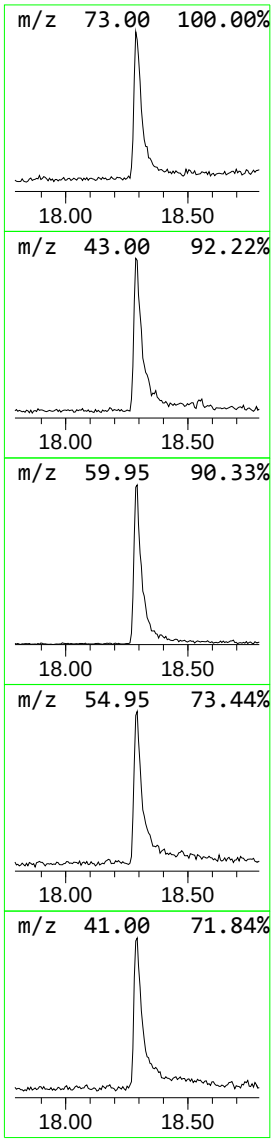
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.69 ng/ul	534941	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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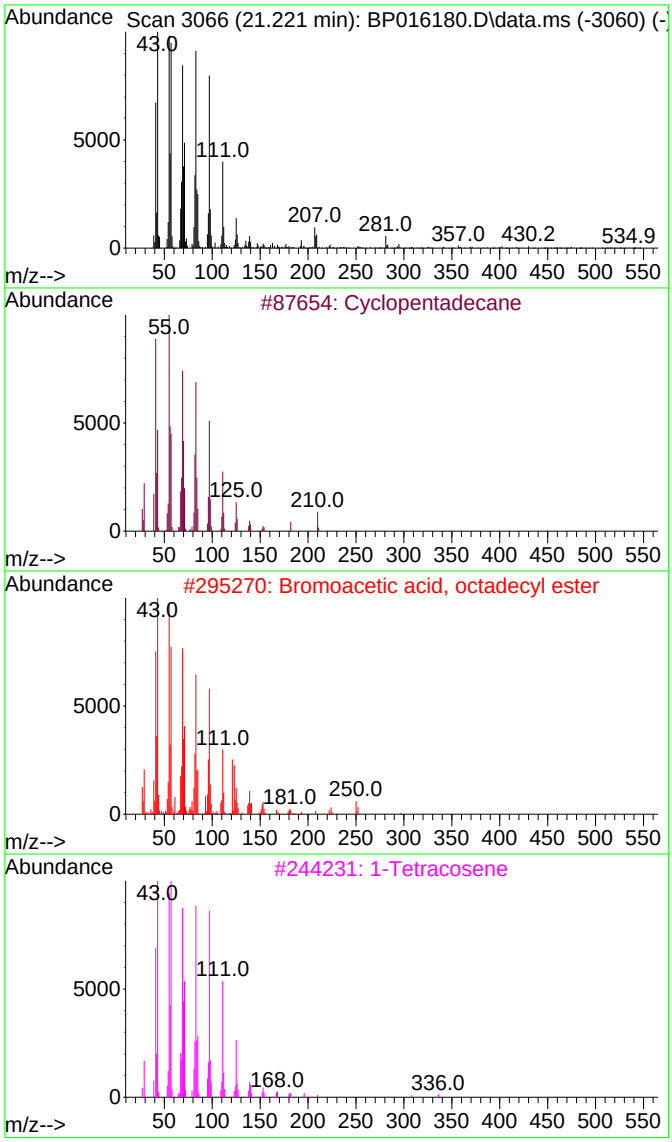
Quant Title : SVOA CALIBRATION

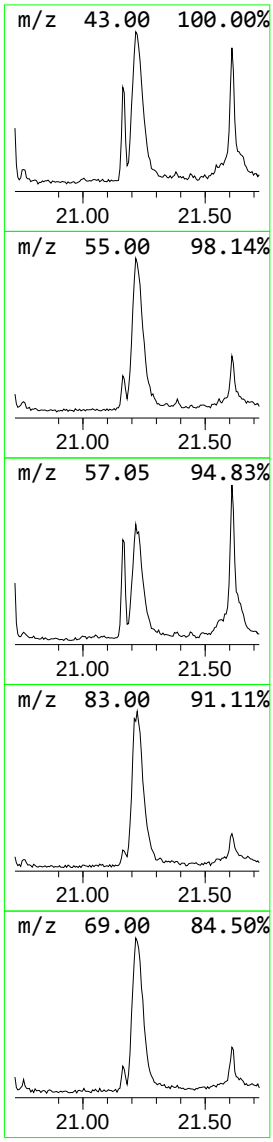
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.221 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	5.89 ng/ul	994754	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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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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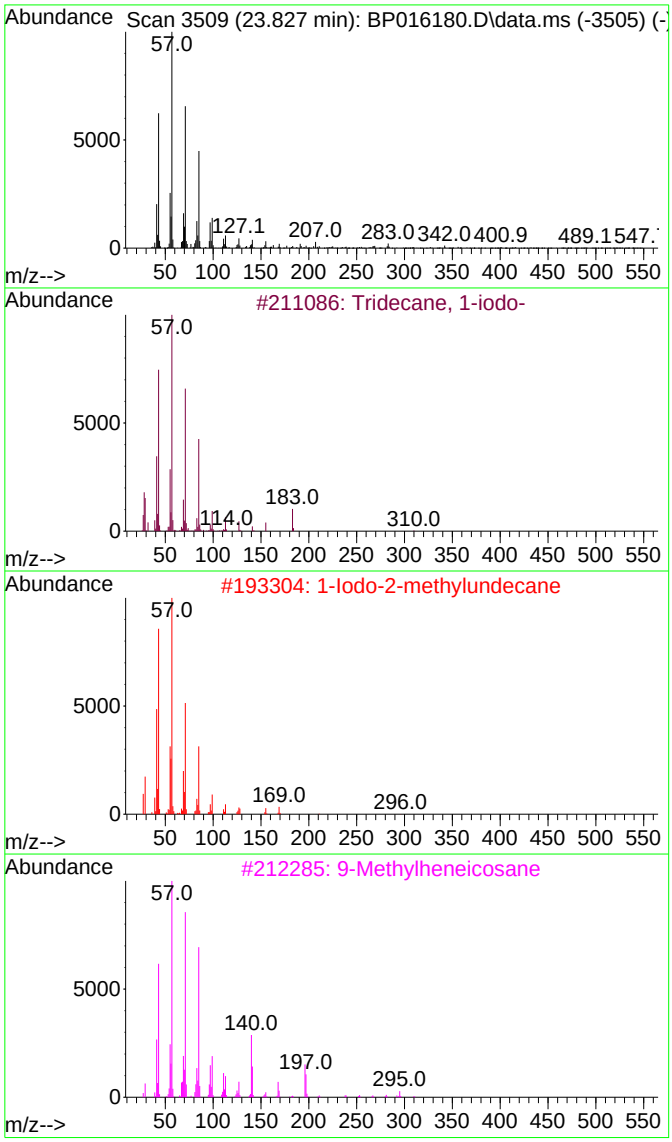
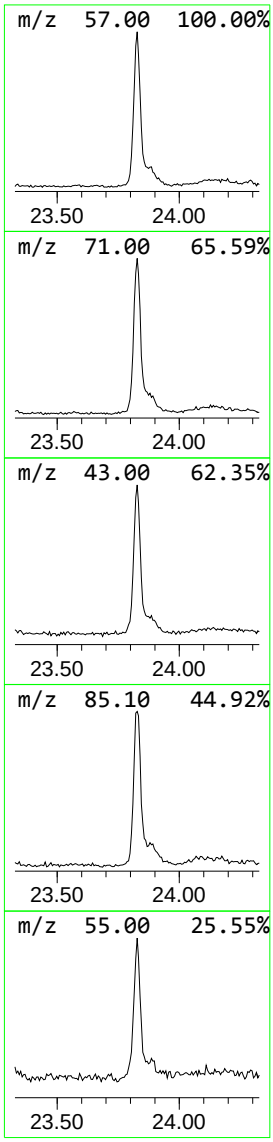
Peak Number 4 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	2.39 ng/ul	351521	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3	9-Methylheneicosane	310	C22H46	070475-51-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetracosane	338	C24H50	000646-31-1	87





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	16.057	3.9	ng/ul	771204	4	17.433	3973980	20.0
n-Hexadecanoic ...	18.292	2.7	ng/ul	534941	4	17.433	3973980	20.0
(DEL) Alkane: C...	21.221	5.9	ng/ul	994754	5	21.551	3377070	20.0
Tridecane, 1-iodo-	23.827	2.4	ng/ul	351521	6	24.080	2945450	20.0