LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016173.D
Acq On : 11 Jul 2023 00:54
Operator : MA/JU
Sample : 03404-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW50

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: BP016173.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	35	rVB	36189	55926	1.06%	0.116%
2	3.805	103	105	129	rBV	192207	520951	9.87%	1.084%
3	4.657	247	250	253	rBV5	4866	6262	0.12%	0.013%
4	7.240	682	689	704	rBV2	241501	970402	18.39%	2.019%
5	7.357	704	709	718	rBV	231359	507823	9.62%	1.057%
6	7.569	738	745	769	rBV	362314	1000792	18.96%	2.082%
7	8.022	815	822	850	rBV	274873	1004256	19.03%	2.089%
8	8.798	947	954	995	rBV	261145	1439228	27.27%	2.994%
9	9.240	1023	1029	1051	rBV	281252	1019246	19.31%	2.121%
10	9.522	1075	1077	1083	rVB5	10197	11869	0.22%	0.025%
11	9.987	1148	1156	1185	rBV3	165294	930439	17.63%	1.936%
12	10.592	1251	1259	1274	rBV2	213828	980605	18.58%	2.040%
13	10.851	1296	1303	1329	rVB	512401	1622666	30.75%	3.376%
14	11.087	1337	1343	1375	rBV2	138185	812948	15.40%	1.691%
15	12.016	1498	1501	1509	rVB9	5109	9848	0.19%	0.020%
16	12.539	1585	1590	1591	rBV5	5420	7315	0.14%	0.015%
17	13.492	1746	1752	1754	rBV7	4625	8823	0.17%	0.018%
18	13.557	1759	1763	1768	rBV7	11871	21963	0.42%	0.046%
19	13.998	1833	1838	1844	rBV10	4348	10879	0.21%	0.023%
20	14.092	1847	1854	1876	rBV	938845	2504735	47.46%	5.211%
21	14.369	1894	1901	1921	rBV	1482785	2856022	54.11%	5.942%
22	14.545	1928	1931	1941	rVB	11500	25571	0.48%	0.053%
23	14.669	1946	1952	1971	rBV	1249122	2305245	43.68%	4.796%
24	15.092	2015	2024	2029	rBV3	68893	246515	4.67%	0.513%
25	15.686	2117	2125	2149	rBV	1465968	3820409	72.39%	7.948%
26	15.904	2155	2162	2183	rBV4	119922	659681	12.50%	1.372%
27	16.069	2184	2190	2201	rVB	261428	490618	9.30%	1.021%
28	16.227	2215	2217	2221	rVB5	5796	5563	0.11%	0.012%
29	16.316	2229	2232	2236	rVB5	5747	7837	0.15%	0.016%
30	16.616	2277	2283	2288	rBV9	9115	17993	0.34%	0.037%
31	16.874	2324	2327	2330	rVV5	7481	8815	0.17%	0.018%
32	16.916	2331	2334	2338	rVB6	8951	10600	0.20%	0.022%
33	17.092	2361	2364	2365	rBV3	6482	5665	0.11%	0.012%
34	17.233	2384	2388	2396	rVB9	5748	9303	0.18%	0.019%
35	17.333	2401	2405	2410	rBV8	6100	10564	0.20%	0.022%
36	17.433	2415	2422	2435	rBV	1648623	2776856	52.61%	5.777%

LSC Area Percent Report

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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

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	17.545	2435	2441	2471	rVB2	1386317	4156862	78.76%	8.648%
38	18.292	2562	2568	2588	rBV	223648	571565	10.83%	1.189%
39	19.351	2745	2748	2751	rBV2	35733	45394	0.86%	0.094%
40	19.521	2773	2777	2789	rBV5	79848	177878	3.37%	0.370%
41	19.715	2807	2810	2813	rVB4	22452	25599	0.49%	0.053%
42	19.774	2813	2820	2851	rBV2	2177708	5277706	100.00%	10.980%
43	20.227	2894	2897	2901	rBV2	52752	68174	1.29%	0.142%
44	20.715	2977	2980	2983	rBV	85303	90851	1.72%	0.189%
45	21.168	3054	3057	3059	rBV	107738	117440	2.23%	0.244%
46	21.221	3060	3066	3079	rVV3	302035	891844	16.90%	1.855%
47	21.551	3117	3122	3130	rBV	1095278	2653600	50.28%	5.521%
48	23.174	3395	3398	3402	rVB	165738	229195	4.34%	0.477%
49	23.827	3506	3509	3514	rVB2	201761	294749	5.58%	0.613%
50	23.904	3515	3522	3543	rVV2	1470582	4049717	76.73%	8.425%
51	24.080	3545	3552	3578	rVB	747149	2711004	51.37%	5.640%

Sum of corrected areas: 48065811

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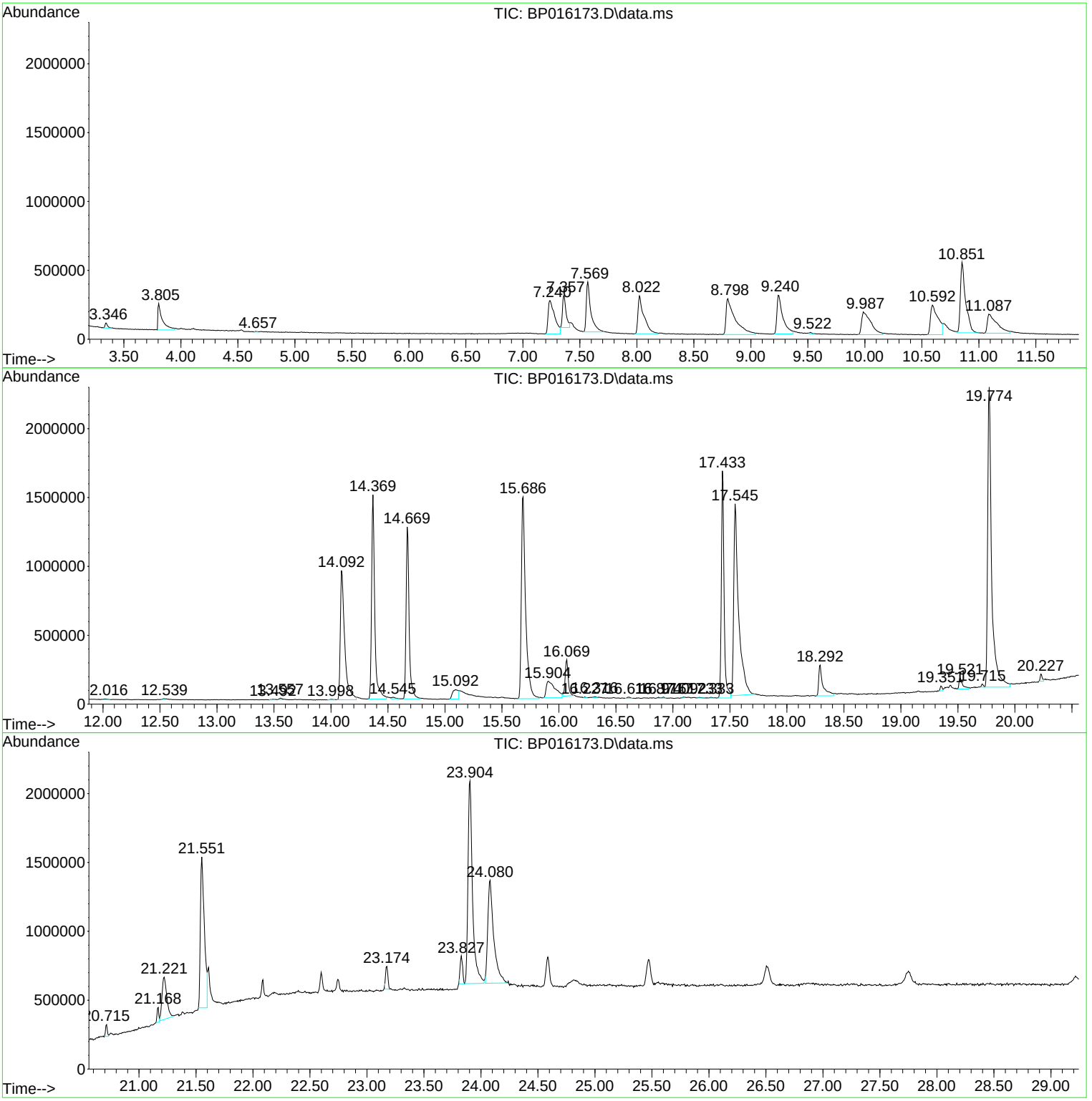
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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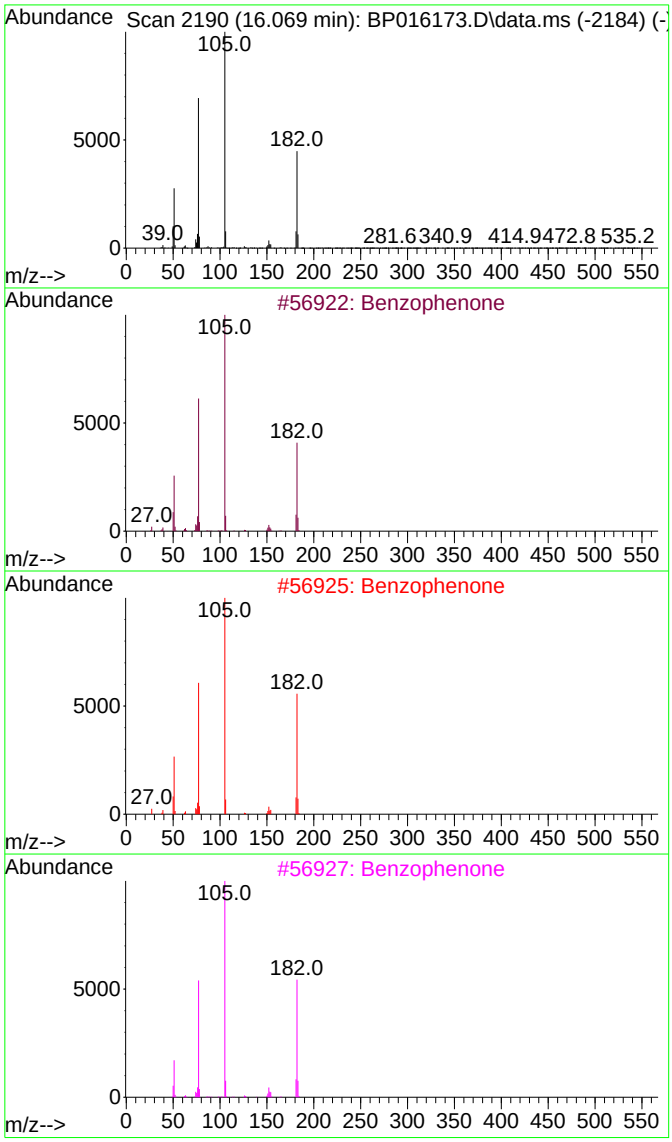
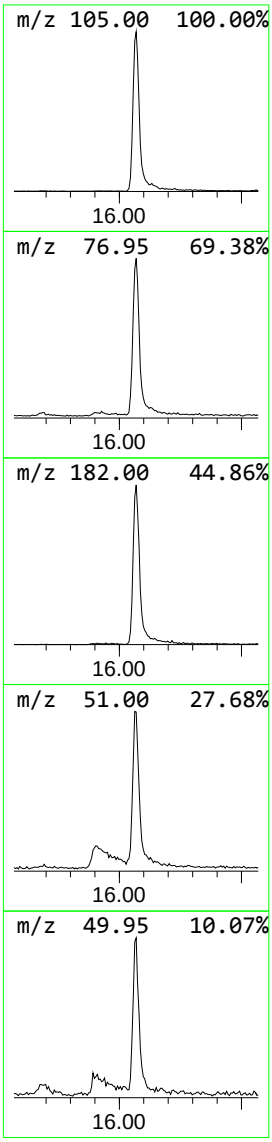
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	3.53 ng/ul	490618	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	91





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Instrument :
BNA_P
ClientSampleId :
YBW50

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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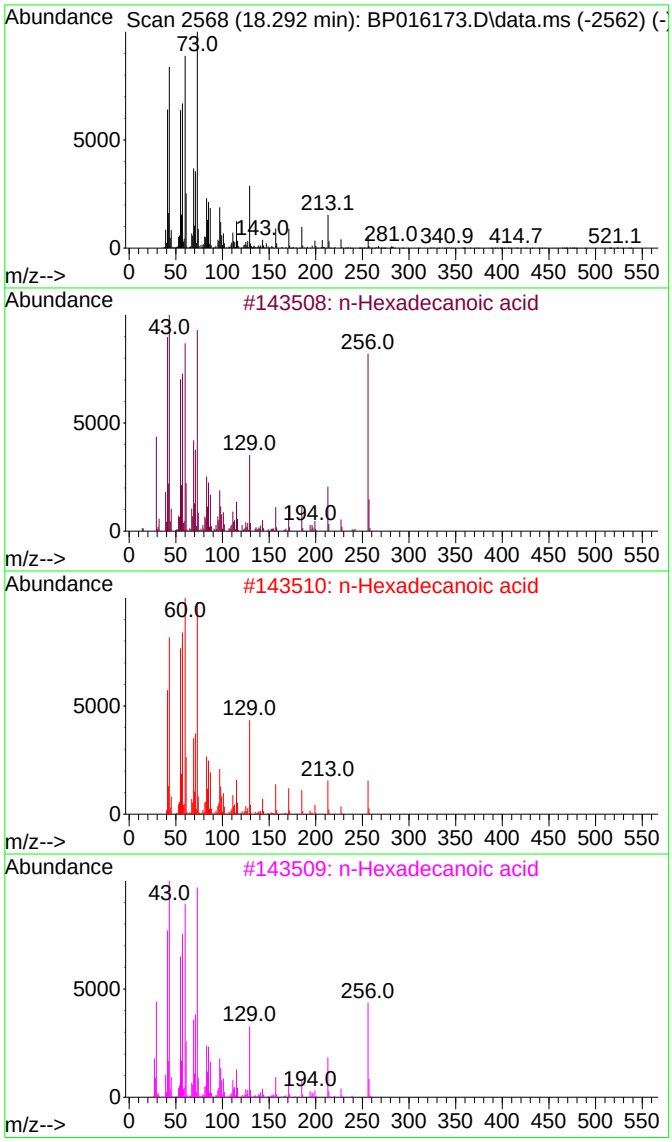
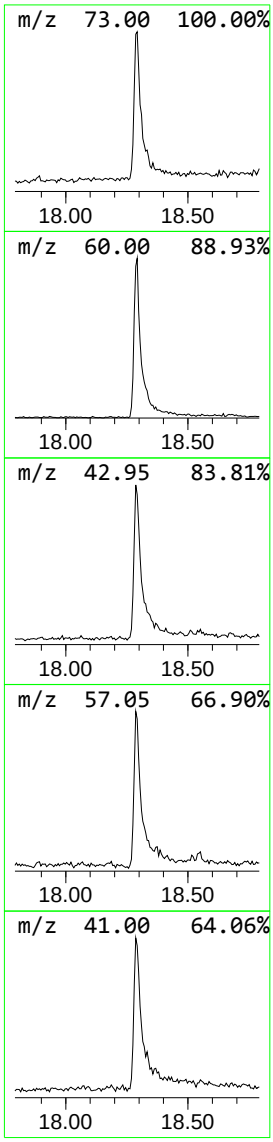
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	4.12 ng/ul	571565	Phenanthrene-d10	17.433

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	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Instrument :
BNA_P
ClientSampleId :
YBW50

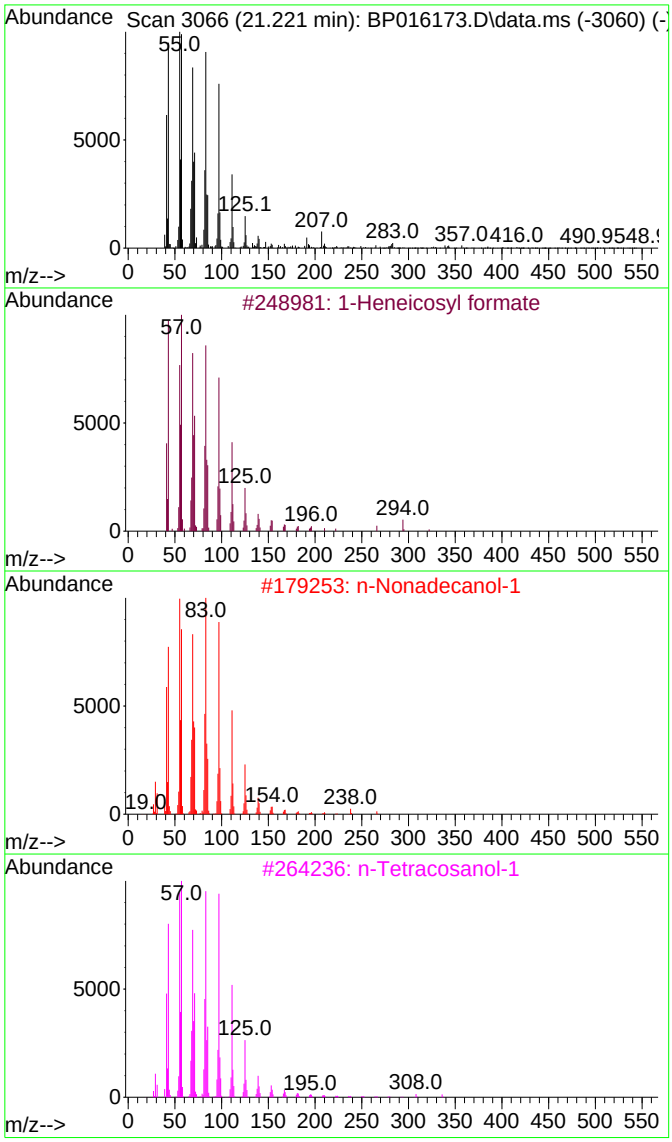
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

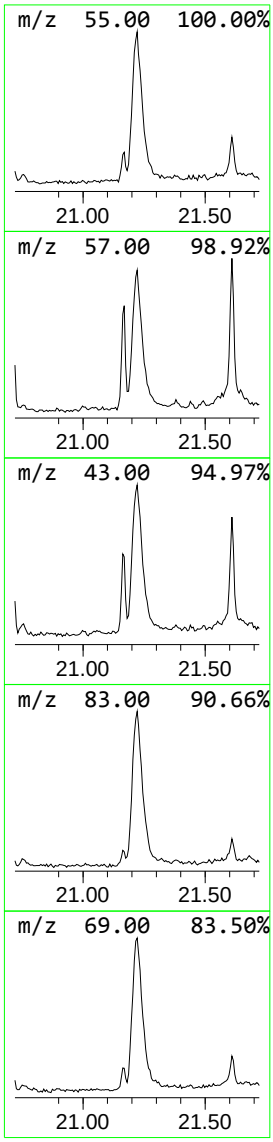
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	6.72 ng/ul	891844	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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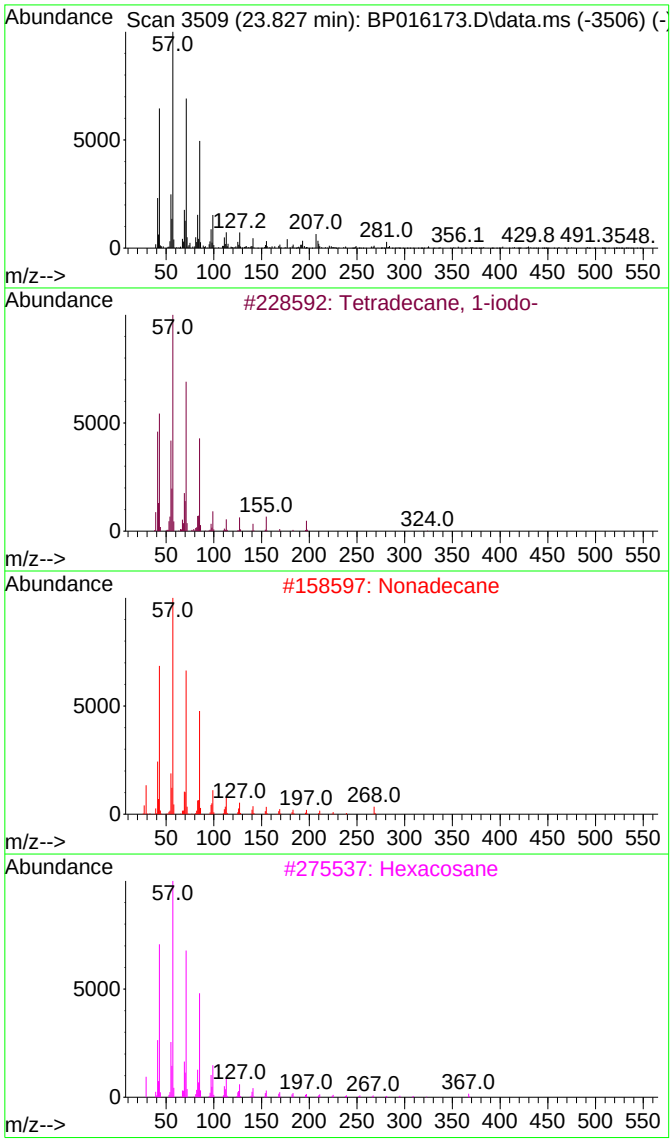
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

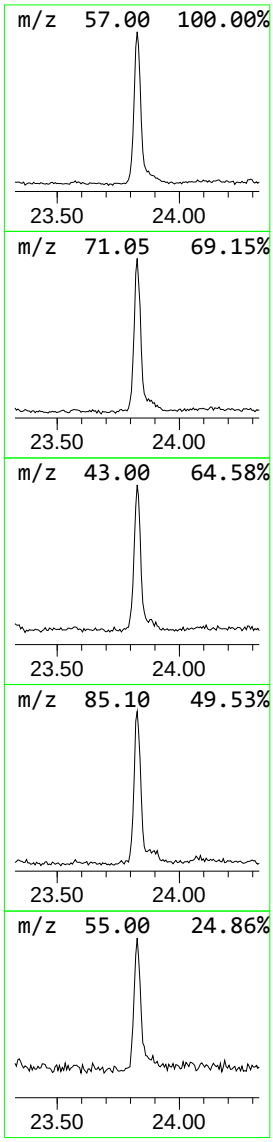
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	2.17 ng/ul	294749	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	83





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	3.5	ng/ul	490618	4	17.433	2776860	20.0
n-Hexadecanoic ...	18.292	4.1	ng/ul	571565	4	17.433	2776860	20.0
1-Heneicosyl fo...	21.221	6.7	ng/ul	891844	5	21.551	2653600	20.0
Tetradecane, 1-...	23.827	2.2	ng/ul	294749	6	24.080	2711000	20.0