LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016114.D
Acq On : 09 Jul 2023 03:46
Operator : MA/JU
Sample : 03351-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW10

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: BP016114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	24	28	38	rVB	104019	141144	2.46%	0.187%
2	3.793	101	103	129	rBV	953422	1801003	31.39%	2.386%
3	4.111	154	157	164	rVB	21613	27725	0.48%	0.037%
4	6.063	484	489	493	rBV7	10036	19897	0.35%	0.026%
5	7.210	677	684	701	rBV	709700	2187554	38.12%	2.898%
6	7.340	701	706	728	rVB	928195	1898624	33.09%	2.516%
7	7.546	735	741	771	rVB	1128528	2401286	41.85%	3.182%
8	8.016	814	821	849	rBV	942720	2205667	38.44%	2.922%
9	8.763	940	948	978	rBV2	959805	2872268	50.06%	3.806%
10	9.216	1017	1025	1053	rBV	869819	2297172	40.04%	3.044%
11	9.946	1141	1149	1176	rBV	594202	1914807	33.37%	2.537%
12	10.522	1239	1247	1283	rBV	540538	2548293	44.41%	3.376%
13	10.846	1294	1302	1320	rVB	1308621	2914322	50.79%	3.861%
14	11.040	1327	1335	1371	rBV	590863	2453425	42.76%	3.251%
15	12.040	1497	1505	1507	rBV6	5239	10656	0.19%	0.014%
16	12.504	1578	1584	1594	rBV5	13158	37835	0.66%	0.050%
17	12.704	1613	1618	1622	rBV8	3436	6245	0.11%	0.008%
18	13.551	1753	1762	1771	rBV2	21990	51845	0.90%	0.069%
19	14.092	1846	1854	1878	rBV	1683704	3700616	64.49%	4.903%
20	14.369	1894	1901	1924	rBV	2629468	4543963	79.19%	6.021%
21	14.545	1929	1931	1936	rVB6	7760	9192	0.16%	0.012%
22	14.669	1945	1952	1975	rBV	2075369	3503561	61.06%	4.642%
23	15.028	2006	2013	2050	rBV3	144927	1121988	19.55%	1.487%
24	15.439	2080	2083	2087	rVB5	9613	12860	0.22%	0.017%
25	15.510	2090	2095	2099	rVB8	8871	19511	0.34%	0.026%
26	15.681	2117	2124	2148	rBV	2420065	5267228	91.80%	6.979%
27	15.875	2151	2157	2182	rVV2	252183	1200424	20.92%	1.591%
28	16.057	2183	2188	2215	rVB	391195	732964	12.77%	0.971%
29	16.322	2229	2233	2236	rBV3	9100	9444	0.16%	0.013%
30	16.475	2255	2259	2264	rVB8	4913	8875	0.15%	0.012%
31	16.604	2276	2281	2289	rVB	45173	69044	1.20%	0.091%
32	16.751	2303	2306	2309	rVB5	5587	6777	0.12%	0.009%
33	16.869	2322	2326	2331	rVB8	7375	12605	0.22%	0.017%
34	16.916	2331	2334	2338	rBV4	7523	8260	0.14%	0.011%
35	17.098	2361	2365	2369	rVV7	11018	19409	0.34%	0.026%
36	17.192	2378	2381	2385	rBV6	5429	7344	0.13%	0.010%

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

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Peak separation: 5

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Title : SVOA CALIBRATION

37	17.233	2385	2388	2394	rVB7	7047	12768	0.22%	0.017%
38	17.328	2400	2404	2410	rVB9	11922	15726	0.27%	0.021%
39	17.433	2415	2422	2435	rBV	2232366	3668489	63.93%	4.861%
40	17.545	2435	2441	2467	rVV2	1944892	5090231	88.71%	6.744%
41	18.292	2562	2568	2579	rBV	386244	805002	14.03%	1.067%
42	19.139	2708	2712	2719	rBV4	59137	92840	1.62%	0.123%
43	19.351	2745	2748	2751	rBV4	36643	53555	0.93%	0.071%
44	19.516	2772	2776	2785	rBV	153557	275807	4.81%	0.365%
45	19.775	2814	2820	2847	rBV	2682726	5737853	100.00%	7.603%
46	20.233	2895	2898	2901	rBV2	54673	65635	1.14%	0.087%
47	20.716	2978	2980	2985	rBV	70370	69488	1.21%	0.092%
48	21.169	3055	3057	3060	rBV	90537	72657	1.27%	0.096%
49	21.221	3061	3066	3075	rVV3	367243	859825	14.99%	1.139%
50	21.545	3116	3121	3131	rBV2	1542500	3466087	60.41%	4.593%
51	23.898	3514	3521	3538	rBV2	2142848	5250031	91.50%	6.956%
52	24.074	3544	3551	3576	rVB	1192613	3892805	67.84%	5.158%

Sum of corrected areas: 75472632

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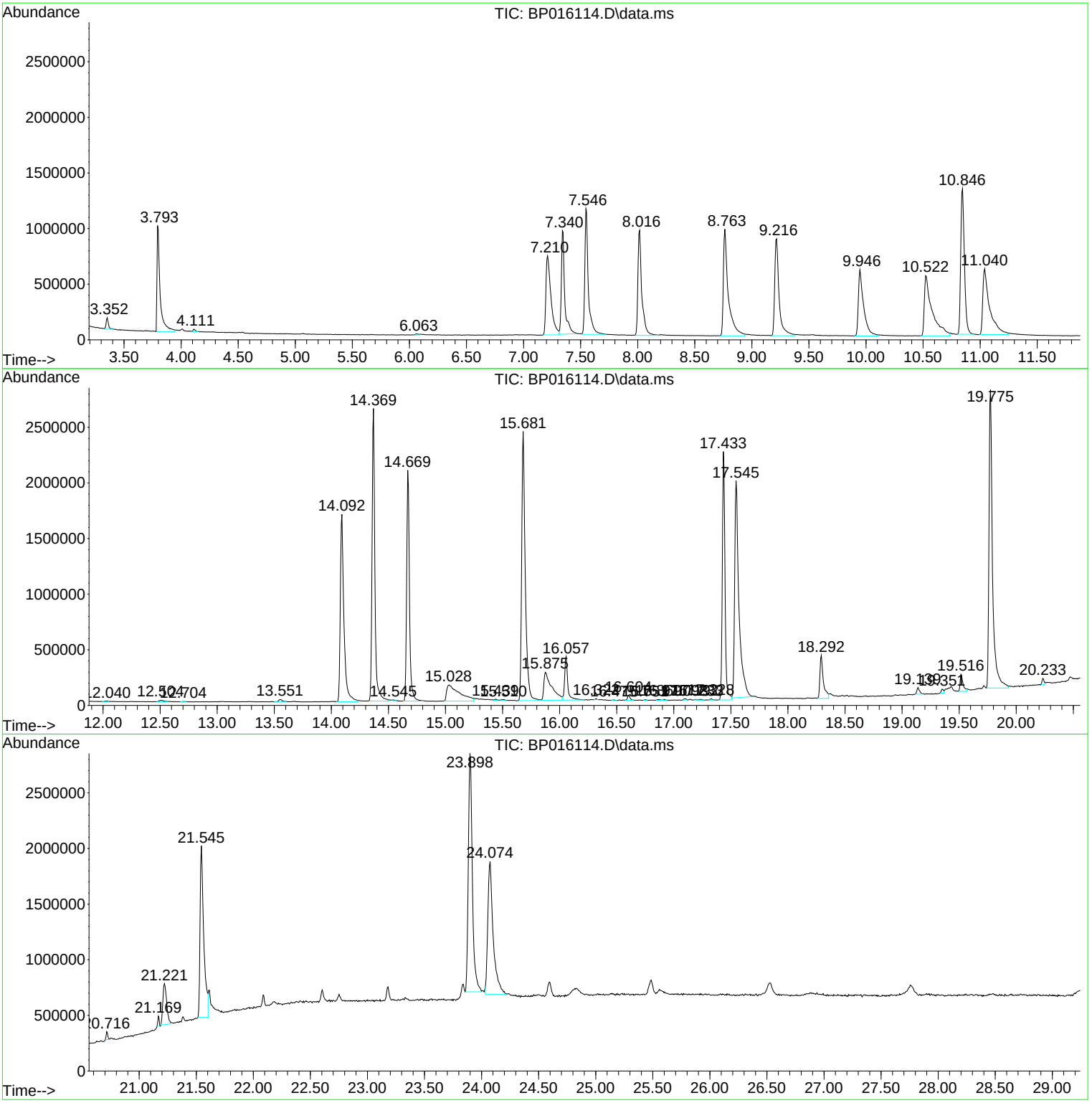
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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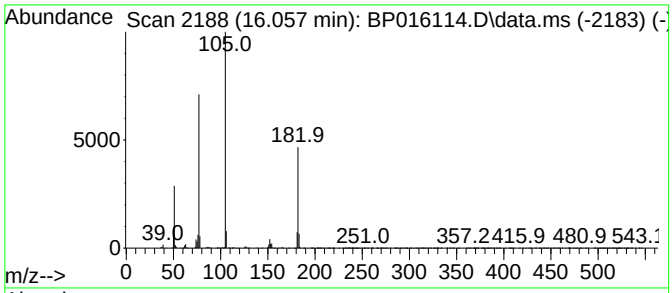
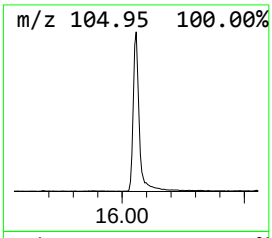
****

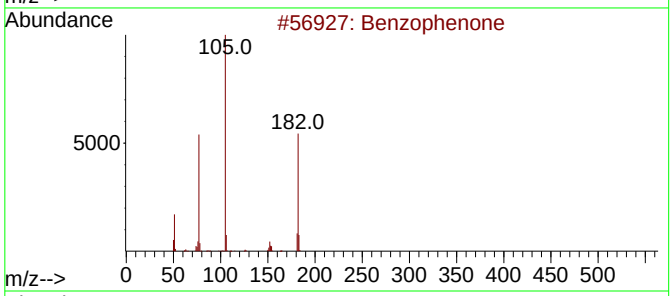
Peak Number 1 Benzophenone Concentration Rank 3

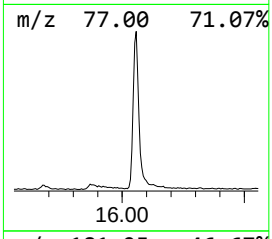
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	4.00 ng/ul	732964	Phenanthrene-d10	17.433

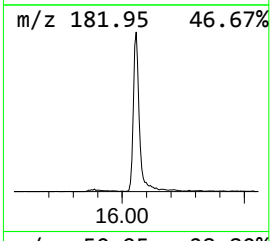
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64

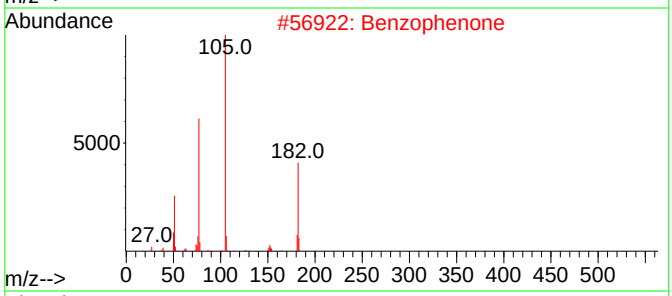


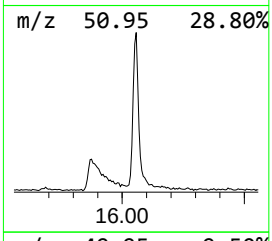


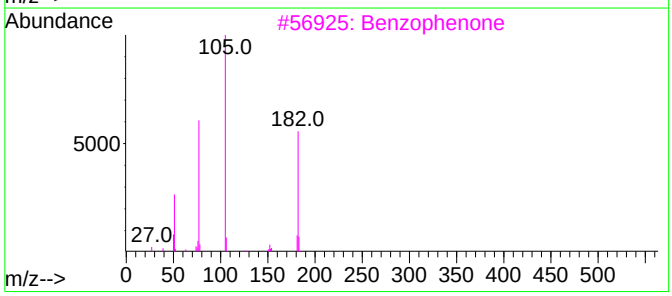


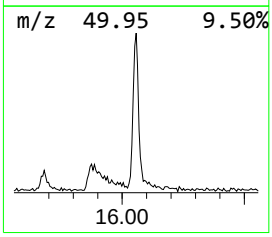












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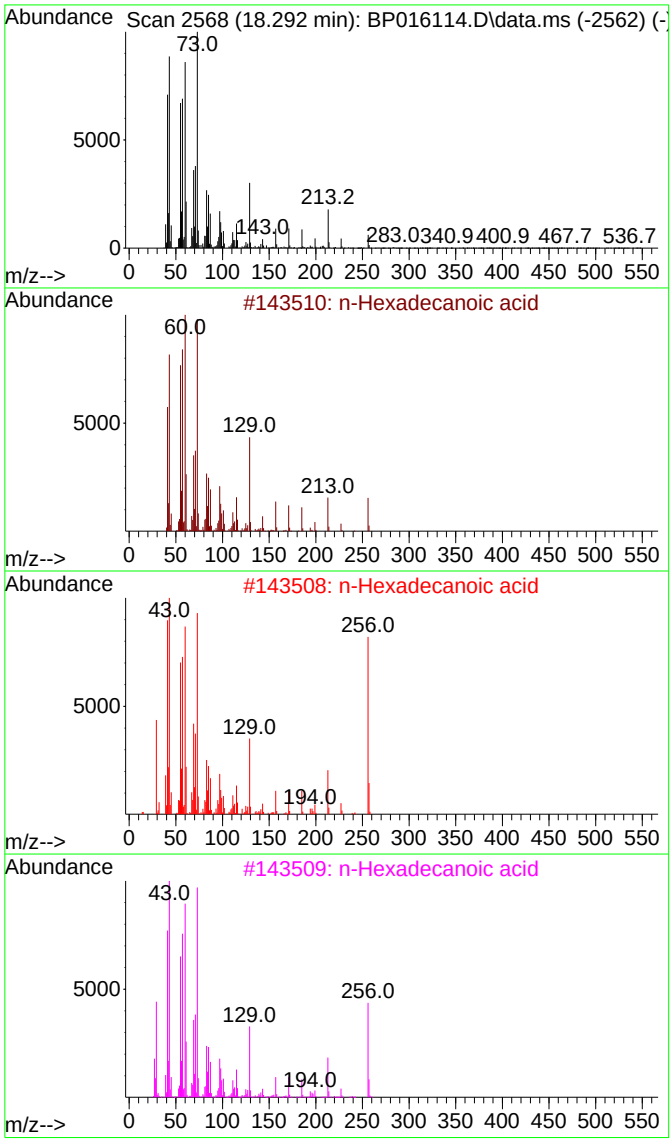
Quant Title : SVOA CALIBRATION

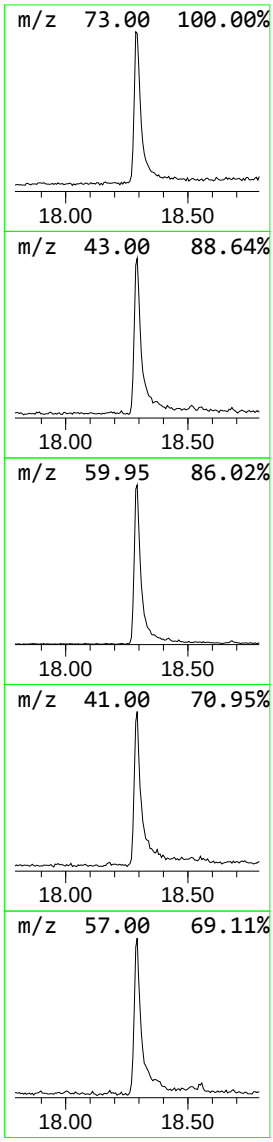
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	4.39 ng/ul	805002	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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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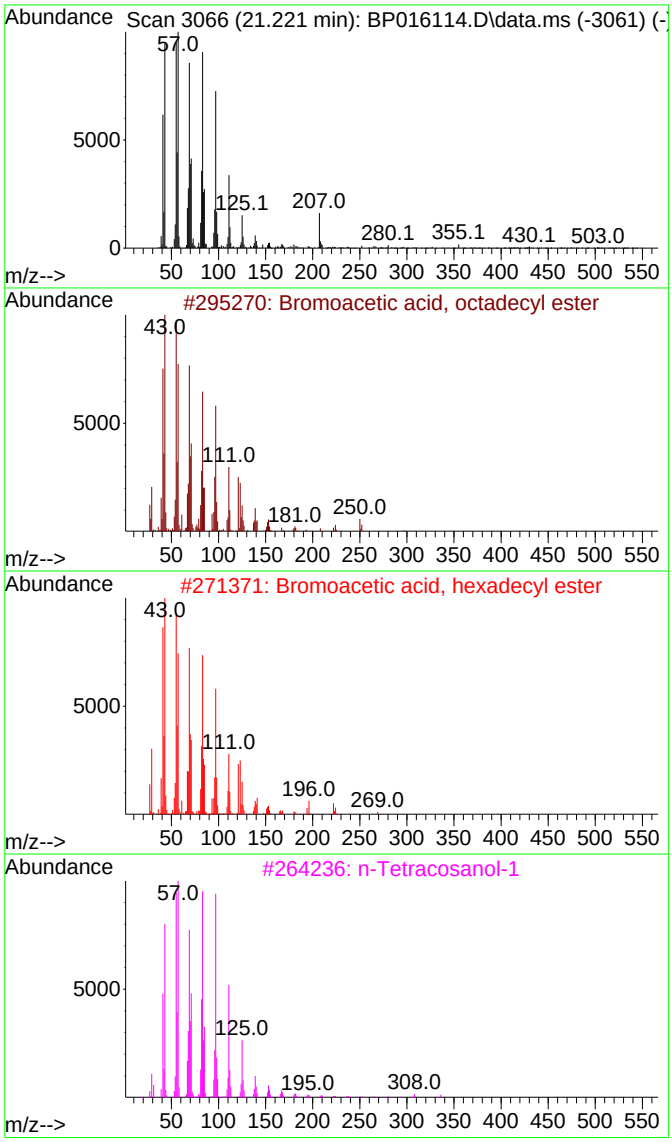
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

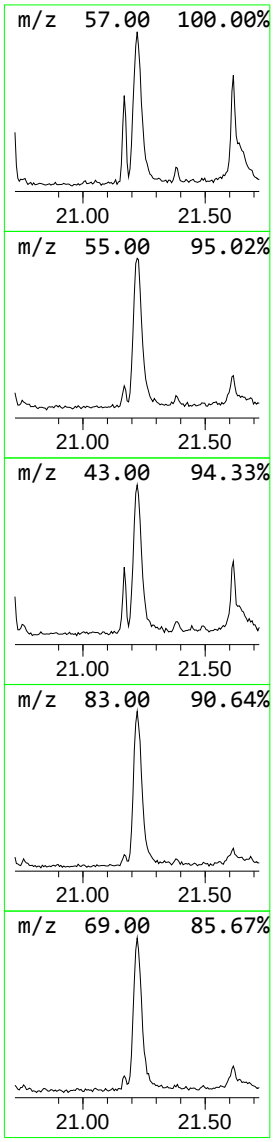
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	4.96 ng/ul	859825	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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	4.0	ng/ul	732964	4	17.433	3668490	20.0
n-Hexadecanoic ...	18.292	4.4	ng/ul	805002	4	17.433	3668490	20.0
Bromoacetic aci...	21.221	5.0	ng/ul	859825	5	21.545	3466090	20.0