LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022760.D
Acq On : 31 Oct 2024 08:01
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H06

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	30	33	39	rVB	22967	28049	0.66%	0.079%
2	3.593	99	103	121	rBV	307439	484723	11.42%	1.367%
3	3.905	152	156	163	rBV2	5049	7469	0.18%	0.021%
4	6.775	638	644	647	rBV2	4744	7604	0.18%	0.021%
5	6.828	647	653	670	rVV	431530	740310	17.45%	2.087%
6	6.975	670	678	691	rVB	296678	493568	11.63%	1.392%
7	7.181	706	713	733	rVB	430222	699197	16.48%	1.971%
8	7.634	782	790	799	rBV	334392	543725	12.81%	1.533%
9	7.710	799	803	818	rVB10	5143	13237	0.31%	0.037%
10	8.340	903	910	928	rBV	550086	929697	21.91%	2.621%
11	8.775	976	984	999	rBV	406761	727263	17.14%	2.050%
12	9.175	1047	1052	1060	rBV2	10447	18699	0.44%	0.053%
13	9.334	1074	1079	1090	rBV	32074	56075	1.32%	0.158%
14	9.493	1097	1106	1119	rBV	368682	638697	15.05%	1.801%
15	9.593	1119	1123	1132	rVB5	3275	6587	0.16%	0.019%
16	9.757	1146	1151	1160	rVB5	2257	5918	0.14%	0.017%
17	10.034	1189	1198	1218	rBV	515737	1042330	24.56%	2.939%
18	10.393	1251	1259	1273	rVB	420251	753551	17.76%	2.125%
19	10.528	1275	1282	1302	rBV	505535	942300	22.21%	2.657%
20	10.940	1346	1352	1359	rBV4	13253	28372	0.67%	0.080%
21	11.351	1413	1422	1423	rBV3	15512	26210	0.62%	0.074%
22	11.657	1468	1474	1480	rBV3	6439	11114	0.26%	0.031%
23	11.981	1523	1529	1539	rVB	10326	19240	0.45%	0.054%
24	13.657	1807	1814	1826	rBV	1110208	1670646	39.37%	4.710%
25	13.945	1852	1863	1873	rBV2	1214478	1907498	44.95%	5.378%
26	14.169	1897	1901	1907	rVB7	2894	4560	0.11%	0.013%
27	14.263	1908	1917	1926	rBV	897481	1180657	27.82%	3.329%
28	14.516	1952	1960	1980	rBV	286979	625762	14.75%	1.764%
29	14.698	1987	1991	1996	rVB4	12685	17829	0.42%	0.050%
30	15.275	2082	2089	2104	rBV	2010084	2565998	60.47%	7.235%
31	15.410	2104	2112	2125	rBV	200899	401727	9.47%	1.133%
32	15.516	2127	2130	2141	rVB4	8604	17325	0.41%	0.049%
33	15.645	2146	2152	2162	rBV	587064	669890	15.79%	1.889%
34	16.463	2287	2291	2299	rBV10	2365	5259	0.12%	0.015%
35	16.539	2301	2304	2309	rVB7	3834	5552	0.13%	0.016%
36	16.728	2333	2336	2340	rVB6	3283	4947	0.12%	0.014%

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Misc :
ALS Vial : 27 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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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

37	16.986	2377	2380	2386	rBV8	3124	5354	0.13%	0.015%
38	17.069	2386	2394	2403	rBV	1118637	1622299	38.23%	4.574%
39	17.163	2404	2410	2420	rVV2	2034914	2992860	70.53%	8.438%
40	17.286	2423	2431	2440	rVB8	22783	44077	1.04%	0.124%
41	17.375	2441	2446	2447	rBV5	5046	6922	0.16%	0.020%
42	17.645	2487	2492	2496	rVB7	3374	5252	0.12%	0.015%
43	17.763	2509	2512	2516	rVB6	5734	7011	0.17%	0.020%
44	17.998	2546	2552	2561	rBV	440528	658554	15.52%	1.857%
45	18.698	2668	2671	2675	rBV5	5675	8470	0.20%	0.024%
46	19.092	2733	2738	2744	rBV4	26072	40297	0.95%	0.114%
47	19.175	2748	2752	2756	rBV	41219	66396	1.56%	0.187%
48	19.339	2775	2780	2792	rBV2	148011	232314	5.47%	0.655%
49	19.551	2810	2816	2825	rBV	2581044	3766388	88.76%	10.619%
50	21.186	3088	3094	3102	rBV7	73377	180745	4.26%	0.510%
51	21.504	3142	3148	3162	rBV2	1397295	2124862	50.07%	5.991%
52	24.557	3656	3667	3678	rVB	1705400	4243550	100.00%	11.965%
53	24.762	3694	3702	3715	rVB	818431	2160874	50.92%	6.092%

Sum of corrected areas: 35467810

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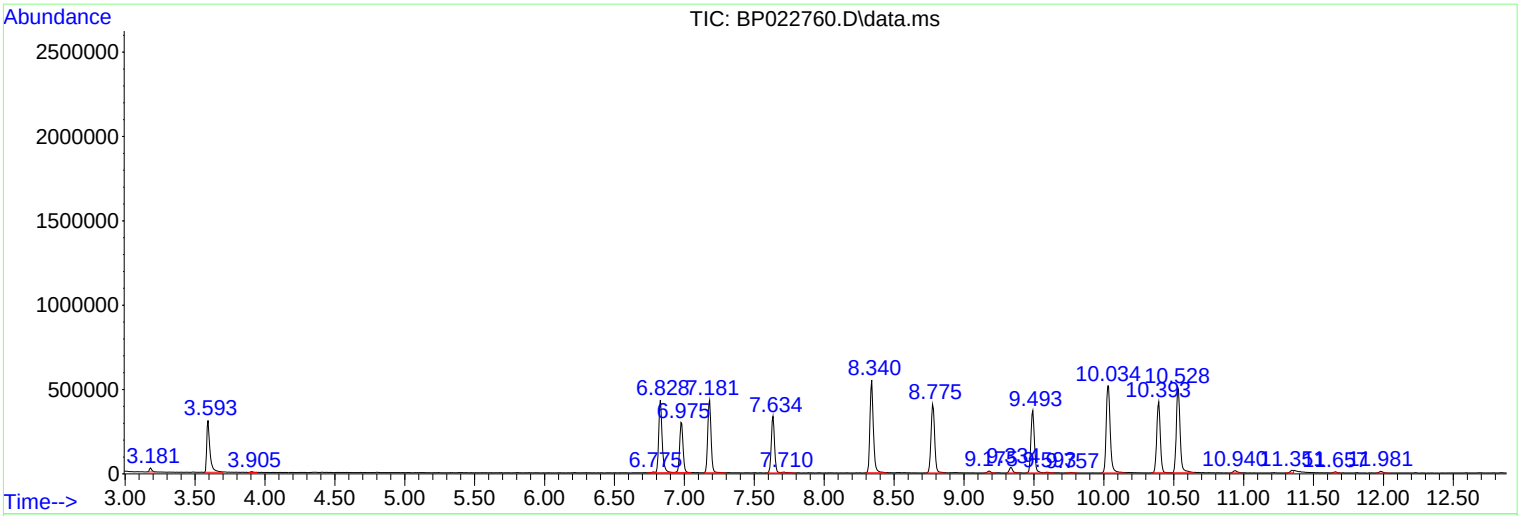
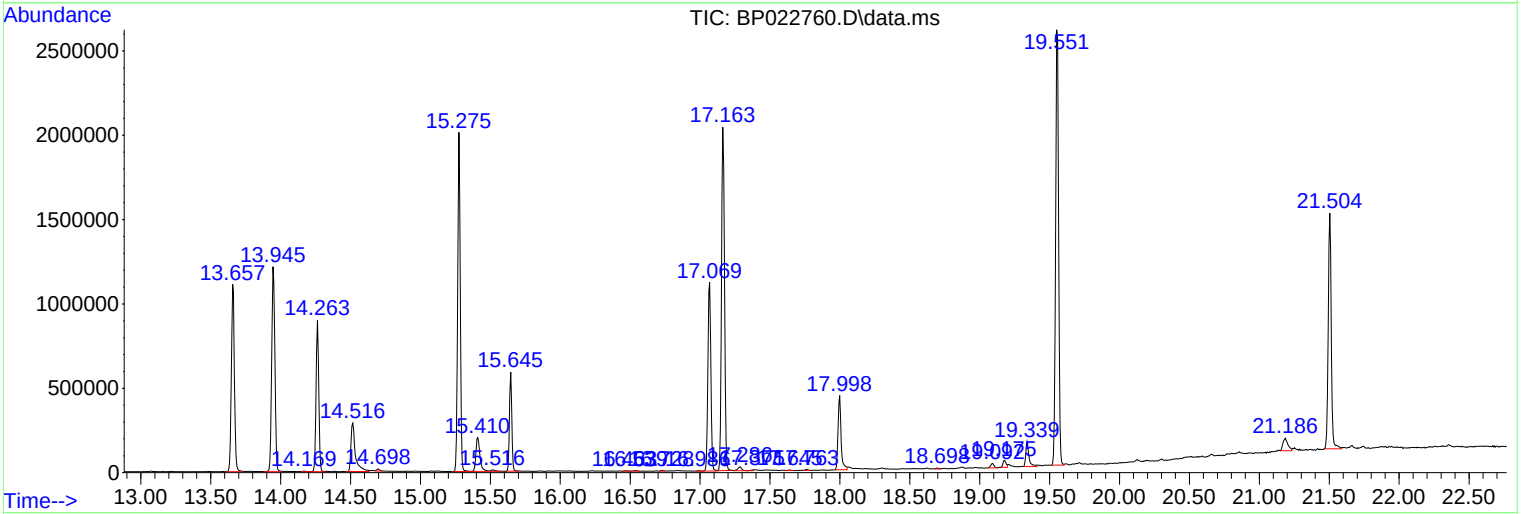
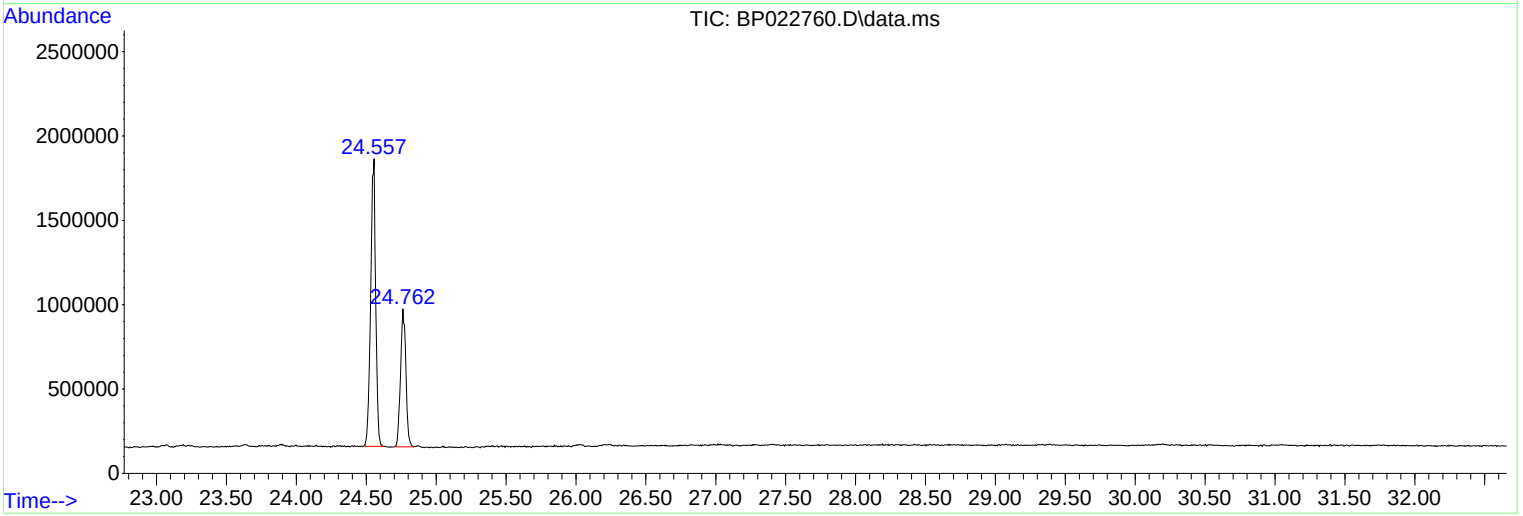
ClientSampleId :
F7H06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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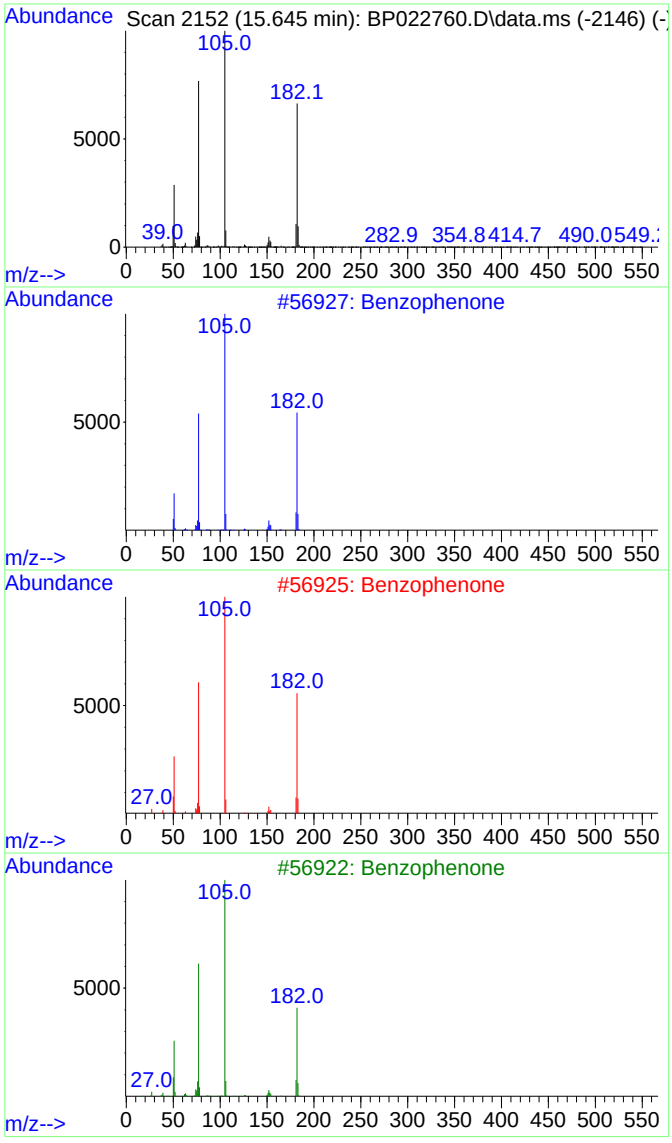
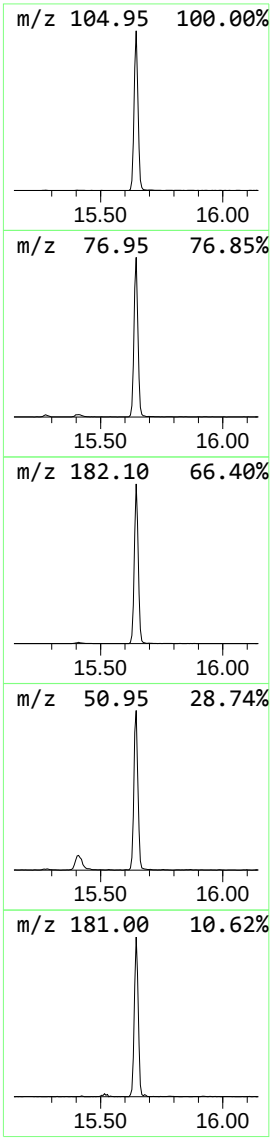
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	11.35 ng/ul	669890	Acenaphthene-d10	14.263

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	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Sample : P4592-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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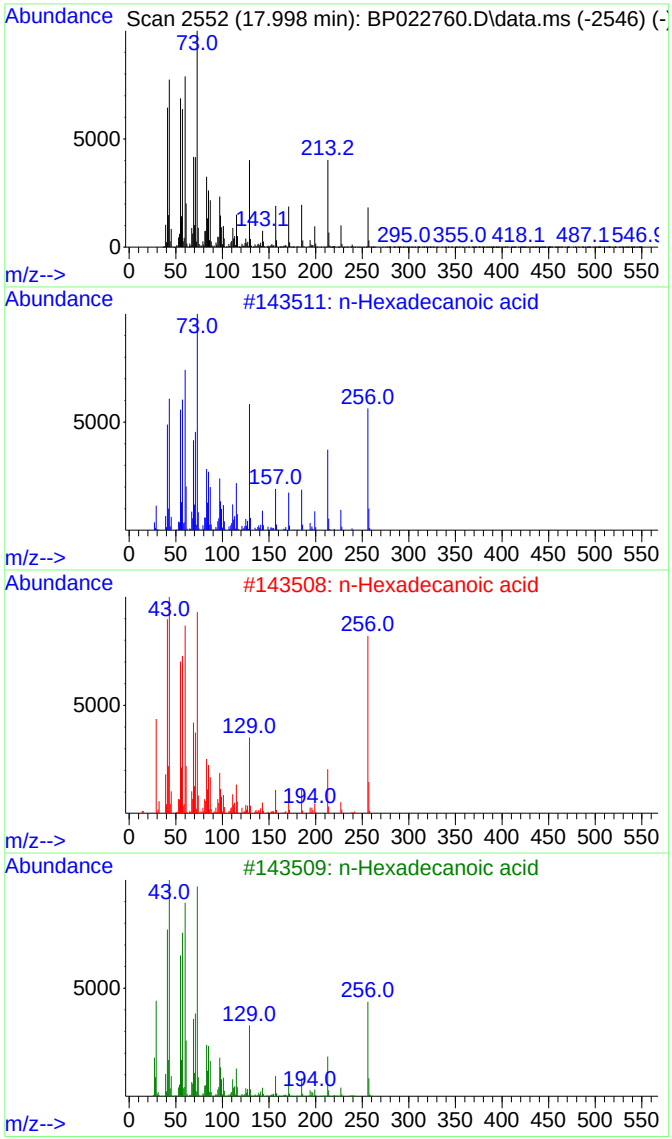
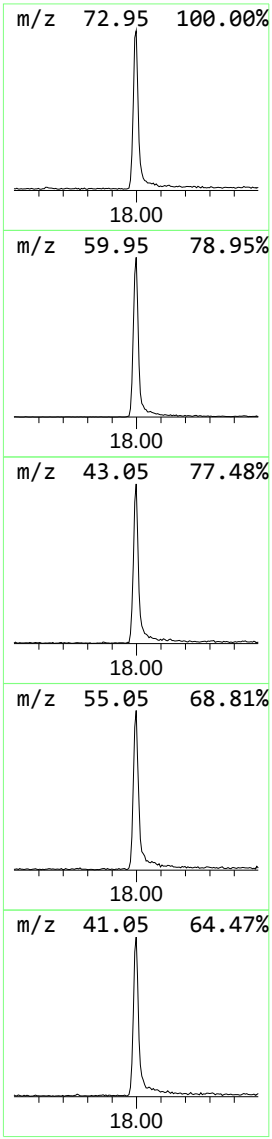
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	8.12 ng/ul	658554	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Sample : P4592-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H06

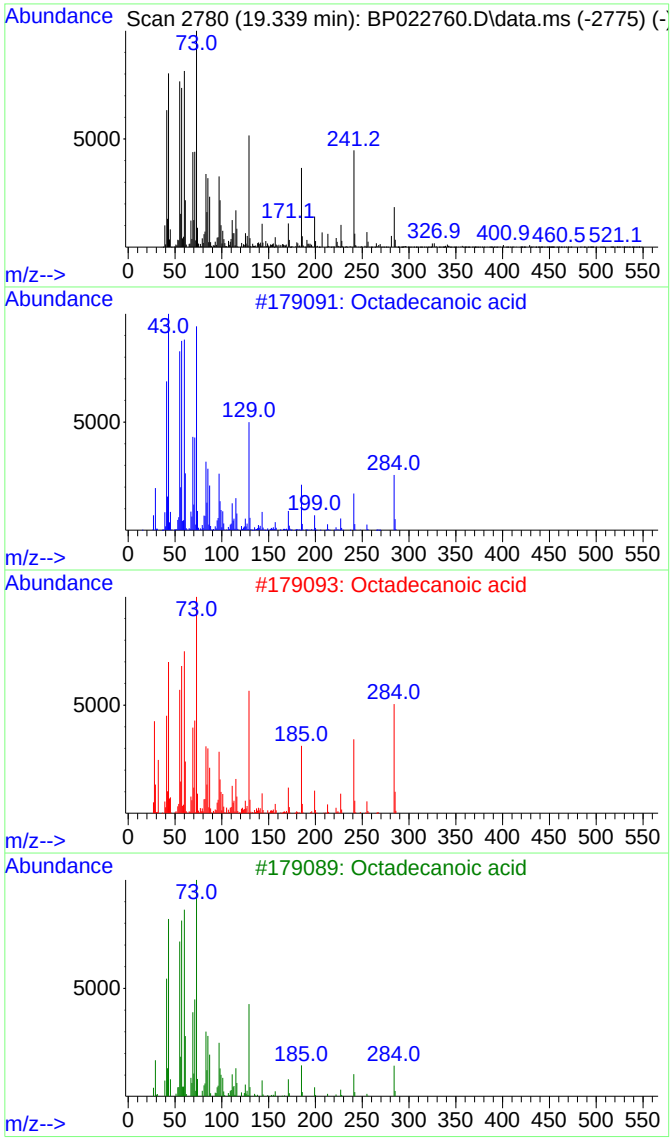
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

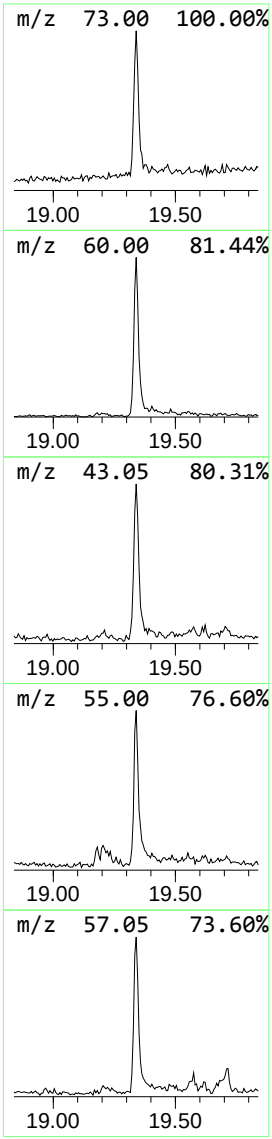
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	2.19 ng/ul	232314	Chrysene-d12	21.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86





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	15.645	11.4	ng/ul	669890	3	14.263	1180660	20.0
n-Hexadecanoic ...	17.998	8.1	ng/ul	658554	4	17.069	1622300	20.0
Octadecanoic acid	19.339	2.2	ng/ul	232314	5	21.504	2124860	20.0