LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
Data File : BP022718.D
Acq On : 29 Oct 2024 20:09
Operator : RC/JU
Sample : P4492-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F30

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: BP022718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	30	34	40	rVB2	10671	14643	0.71%	0.065%
2	3.599	101	104	127	rBV	134516	228749	11.10%	1.020%
3	3.917	153	158	162	rVB3	5374	8786	0.43%	0.039%
4	4.275	217	219	224	rVB6	3160	4509	0.22%	0.020%
5	4.517	255	260	266	rBV4	3467	5544	0.27%	0.025%
6	5.193	373	375	380	rBV6	1529	2155	0.10%	0.010%
7	5.393	404	409	411	rBV6	1181	2443	0.12%	0.011%
8	5.487	423	425	430	rVV5	2455	3200	0.16%	0.014%
9	6.022	510	516	520	rBV4	5912	11284	0.55%	0.050%
10	6.463	587	591	595	rBV6	3211	5368	0.26%	0.024%
11	6.516	595	600	606	rVB6	5149	8678	0.42%	0.039%
12	6.728	634	636	639	rVV4	2156	2443	0.12%	0.011%
13	6.781	642	645	649	rVV2	4257	7245	0.35%	0.032%
14	6.834	649	654	669	rVV	198557	369921	17.95%	1.650%
15	6.987	672	680	690	rVB	151580	244982	11.88%	1.093%
16	7.187	707	714	724	rBV	192044	341239	16.55%	1.522%
17	7.640	784	791	800	rBV	361605	579591	28.12%	2.585%
18	7.716	801	804	811	rVB8	3812	7225	0.35%	0.032%
19	8.352	904	912	927	rBV	280297	474404	23.01%	2.116%
20	8.622	951	958	967	rVB5	6875	12630	0.61%	0.056%
21	8.781	978	985	994	rBV	195207	349209	16.94%	1.558%
22	8.940	1006	1012	1018	rBV10	3112	6591	0.32%	0.029%
23	9.181	1048	1053	1058	rBV4	6523	11772	0.57%	0.053%
24	9.340	1075	1080	1094	rBV	25706	45958	2.23%	0.205%
25	9.499	1099	1107	1113	rBV	171681	305842	14.84%	1.364%
26	9.775	1147	1154	1161	rBV	2511	5515	0.27%	0.025%
27	10.034	1192	1198	1218	rBV	271176	522283	25.34%	2.330%
28	10.393	1250	1259	1270	rBV	455021	825509	40.05%	3.682%
29	10.540	1278	1284	1301	rBV	209087	437294	21.21%	1.950%
30	10.951	1349	1354	1363	rBV8	7730	18300	0.89%	0.082%
31	11.228	1394	1401	1406	rBV10	2070	4994	0.24%	0.022%
32	11.316	1414	1416	1421	rVB5	1447	2398	0.12%	0.011%
33	11.669	1469	1476	1480	rBV7	3625	5364	0.26%	0.024%
34	11.998	1526	1532	1536	rBV3	5082	8911	0.43%	0.040%
35	12.234	1567	1572	1575	rBV6	1628	2377	0.12%	0.011%
36	12.775	1661	1664	1673	rVB6	1572	2887	0.14%	0.013%

LSC Area Percent Report

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Sample : P4492-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F30

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

37	13.075	1710	1715	1719	rBV7	2500	4689	0.23%	0.021%
38	13.210	1736	1738	1747	rVB10	2317	4298	0.21%	0.019%
39	13.563	1793	1798	1803	rBV9	2347	3974	0.19%	0.018%
40	13.663	1809	1815	1827	rBV	477208	823228	39.94%	3.672%
41	13.945	1856	1863	1877	rBV2	638663	937228	45.47%	4.180%
42	14.163	1896	1900	1903	rVB4	2465	2992	0.15%	0.013%
43	14.257	1908	1916	1924	rBV	964951	1261092	61.18%	5.625%
44	14.316	1924	1926	1934	rVV9	4216	7630	0.37%	0.034%
45	14.375	1934	1936	1941	rVB5	1850	2496	0.12%	0.011%
46	14.516	1954	1960	1980	rBV	121188	313159	15.19%	1.397%
47	14.675	1984	1987	1990	rBV5	2316	3915	0.19%	0.017%
48	14.957	2032	2035	2039	rVB5	1620	2111	0.10%	0.009%
49	15.281	2083	2090	2096	rBV	957101	1245600	60.43%	5.556%
50	15.428	2108	2115	2125	rBV	138399	222523	10.79%	0.993%
51	15.645	2145	2152	2163	rBV	489184	734417	35.63%	3.276%
52	15.869	2188	2190	2194	rVB5	2303	2103	0.10%	0.009%
53	15.916	2196	2198	2201	rBV4	1855	2385	0.12%	0.011%
54	16.010	2210	2214	2222	rVB6	5237	11334	0.55%	0.051%
55	16.228	2245	2251	2257	rBV	86275	117088	5.68%	0.522%
56	16.481	2289	2294	2297	rBV6	4475	7537	0.37%	0.034%
57	16.539	2302	2304	2308	rVV4	1754	2948	0.14%	0.013%
58	16.733	2333	2337	2340	rVB6	2760	3934	0.19%	0.018%
59	16.804	2345	2349	2352	rBV6	2097	3883	0.19%	0.017%
60	16.851	2352	2357	2361	rBV7	3299	7208	0.35%	0.032%
61	16.886	2361	2363	2366	rVB3	2374	2632	0.13%	0.012%
62	17.063	2386	2393	2399	rBV	1173192	1671525	81.09%	7.456%
63	17.104	2399	2400	2405	rVV	38707	44448	2.16%	0.198%
64	17.169	2405	2411	2422	rVB2	874102	1391707	67.51%	6.208%
65	17.263	2424	2427	2429	rBV4	4048	4382	0.21%	0.020%
66	17.892	2529	2534	2540	rBV10	7236	16477	0.80%	0.073%
67	17.998	2547	2552	2562	rBV	213767	304850	14.79%	1.360%
68	18.180	2579	2583	2586	rVB5	12262	18046	0.88%	0.080%
69	18.316	2601	2606	2610	rBV3	15208	28892	1.40%	0.129%
70	18.880	2695	2702	2707	rBV4	26701	59696	2.90%	0.266%
71	18.969	2714	2717	2722	rBV7	12466	20754	1.01%	0.093%
72	19.092	2734	2738	2740	rBV5	14891	24507	1.19%	0.109%
73	19.163	2747	2750	2751	rBV2	9172	8858	0.43%	0.040%
74	19.198	2752	2756	2761	rVB	88517	133721	6.49%	0.596%
75	19.333	2775	2779	2782	rBV2	47910	58919	2.86%	0.263%
76	19.545	2809	2815	2825	rBV	1171686	1867890	90.61%	8.331%

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Sample : P4492-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F30

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

77	21.404	3127	3131	3136	rVB	218632	317683	15.41%	1.417%
78	21.504	3142	3148	3154	rBV	1233003	1988681	96.47%	8.870%
79	24.515	3653	3660	3670	rVB	727257	1776668	86.19%	7.925%
80	24.757	3692	3701	3711	rVB	809244	2061375	100.00%	9.194%

Sum of corrected areas: 22419726

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Operator : RC/JU
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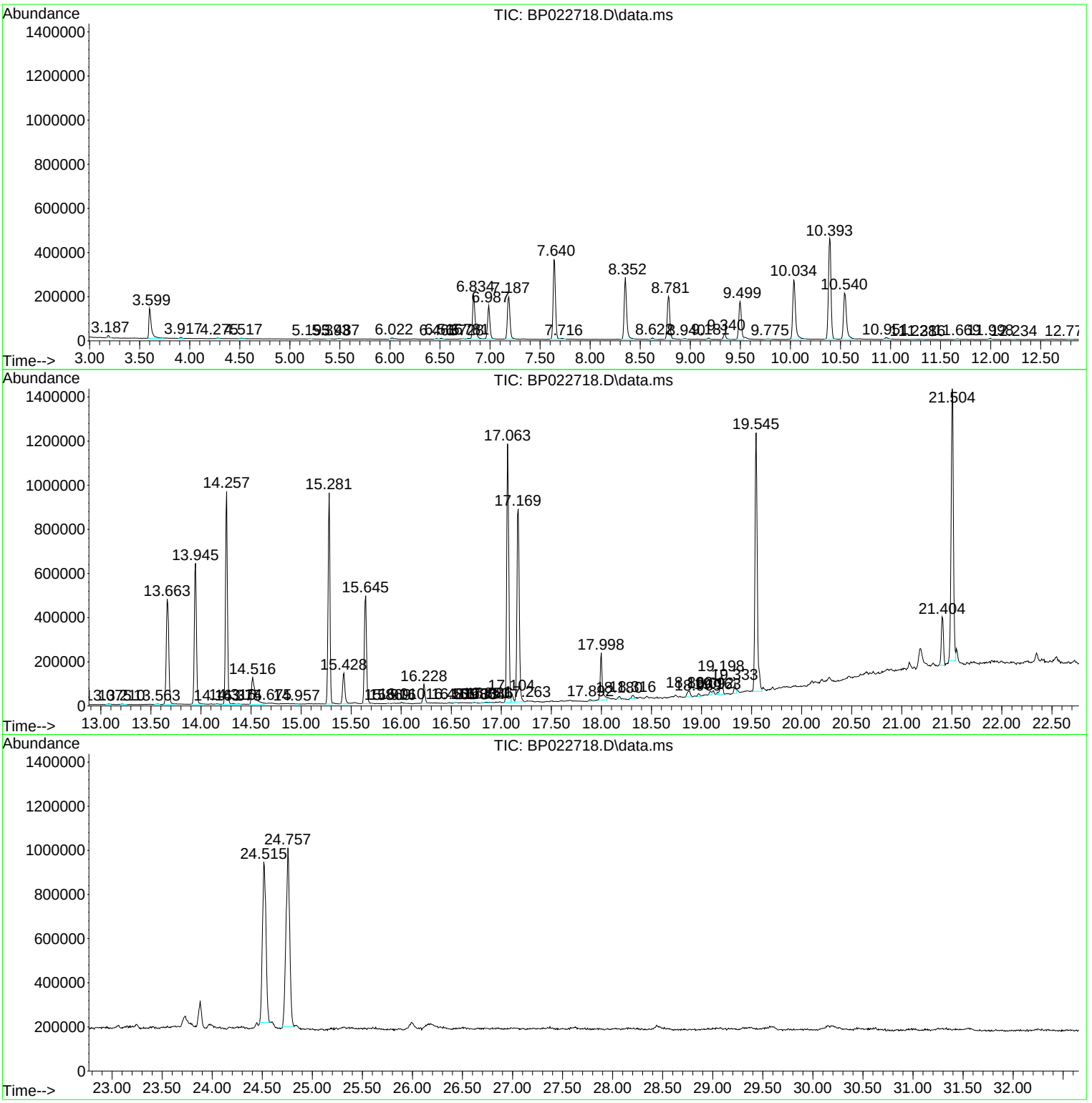
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F30

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
Data File : BP022718.D
Acq On : 29 Oct 2024 20:09
Operator : RC/JU
Sample : P4492-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

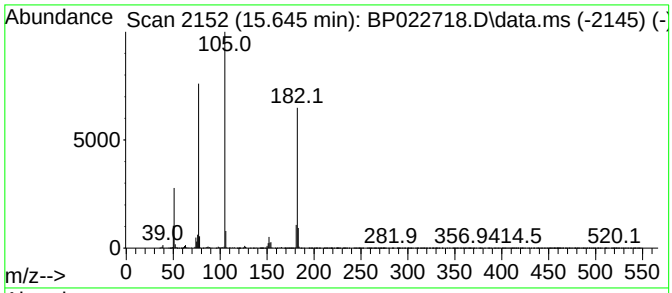
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

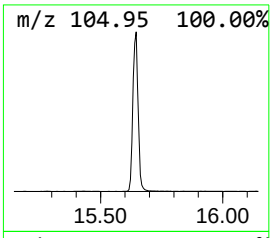
****

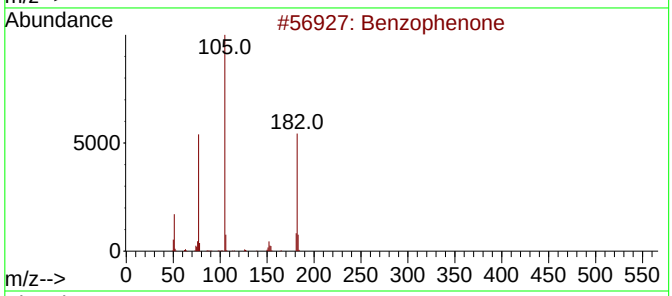
Peak Number 1 Benzophenone Concentration Rank 1

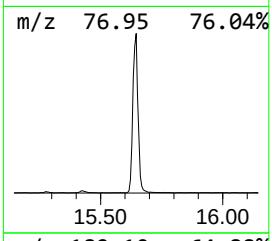
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	11.65 ng/ul	734417	Acenaphthene-d10	14.257

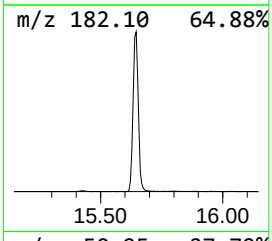
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72

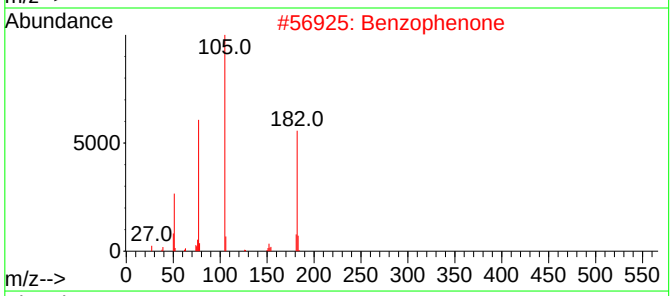


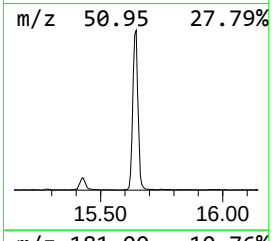


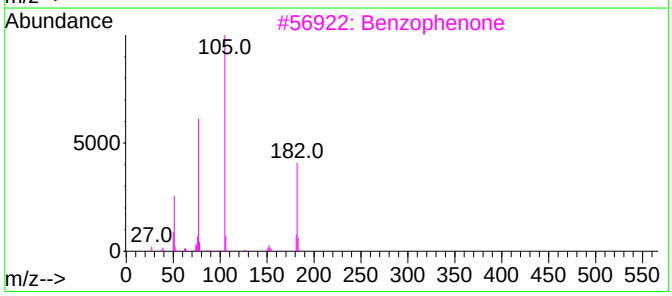


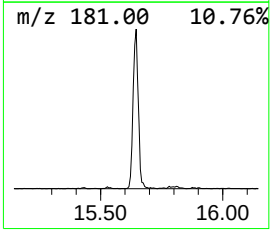












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Instrument :
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ClientSampleId :
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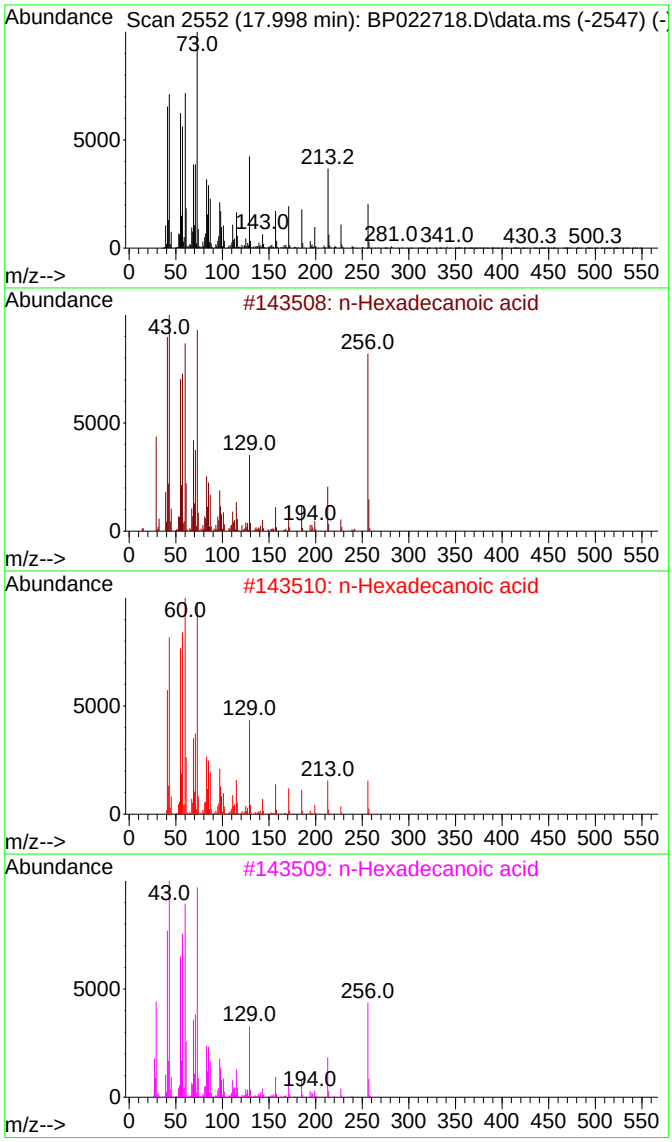
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

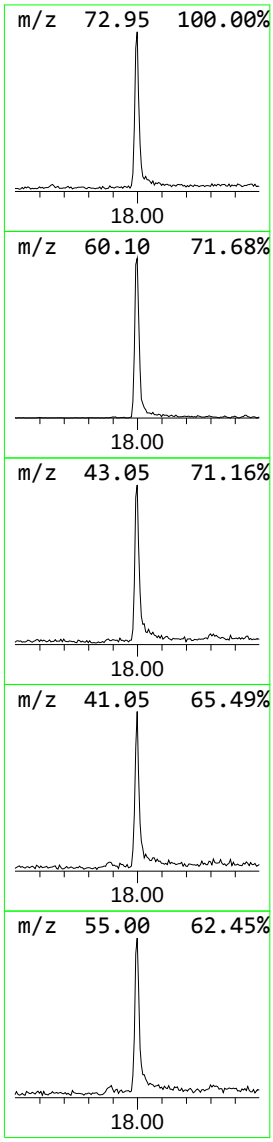
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	3.65 ng/ul	304850	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.645	11.7	ng/ul	734417	3	14.257	1261090	20.0
n-Hexadecanoic ...	17.998	3.6	ng/ul	304850	4	17.063	1671530	20.0