LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022370.D
Acq On : 15 Oct 2024 00:51
Operator : RC/JU
Sample : P4237-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EP7

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: BP022370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	23	25	29	rVB4	5697	6785	0.27%	0.026%
2	3.222	36	40	49	rVB	16918	26262	1.03%	0.100%
3	3.634	106	110	125	rBV	186199	278767	10.91%	1.061%
4	3.958	161	165	169	rVB	6222	9322	0.36%	0.035%
5	4.399	235	240	245	rBV8	1571	3420	0.13%	0.013%
6	4.858	314	318	322	rBV2	3768	5361	0.21%	0.020%
7	5.993	506	511	515	rVB7	2765	5331	0.21%	0.020%
8	6.887	657	663	676	rVB	255416	432521	16.92%	1.647%
9	7.034	682	688	698	rVB	179737	282558	11.05%	1.076%
10	7.240	716	723	736	rBV	255454	422915	16.55%	1.610%
11	7.699	792	801	808	rBV	342750	572890	22.41%	2.181%
12	7.763	808	812	818	rVB6	4865	9100	0.36%	0.035%
13	8.399	913	920	938	rBV	300787	519246	20.31%	1.977%
14	8.840	987	995	1007	rBV	244801	414239	16.21%	1.577%
15	9.252	1058	1065	1070	rBV3	6072	11189	0.44%	0.043%
16	9.393	1083	1089	1095	rBV	25427	43609	1.71%	0.166%
17	9.546	1106	1115	1125	rBV	201716	366746	14.35%	1.396%
18	10.087	1196	1207	1217	rBV	354161	609274	23.84%	2.320%
19	10.157	1217	1219	1223	rVB5	2152	2663	0.10%	0.010%
20	10.457	1262	1270	1279	rBV	473079	803748	31.44%	3.060%
21	10.593	1283	1293	1308	rBV	271112	514907	20.14%	1.961%
22	10.993	1355	1361	1366	rBV9	5608	11302	0.44%	0.043%
23	11.257	1397	1406	1410	rBV9	2628	5476	0.21%	0.021%
24	11.722	1482	1485	1490	rVB7	2112	3459	0.14%	0.013%
25	11.875	1506	1511	1518	rVB9	3051	5317	0.21%	0.020%
26	11.951	1518	1524	1531	rBV7	3198	6313	0.25%	0.024%
27	12.040	1531	1539	1547	rVB5	6609	13672	0.53%	0.052%
28	13.122	1713	1723	1729	rBV2	8091	16213	0.63%	0.062%
29	13.275	1741	1749	1756	rBV2	3374	9079	0.36%	0.035%
30	13.475	1779	1783	1786	rBV5	1381	2587	0.10%	0.010%
31	13.716	1818	1824	1833	rBV	664488	935015	36.58%	3.560%
32	14.004	1865	1873	1882	rBV	727687	1136705	44.47%	4.328%
33	14.216	1904	1909	1912	rVB6	2437	3642	0.14%	0.014%
34	14.310	1917	1925	1934	rBV	808373	1286173	50.32%	4.897%
35	14.375	1934	1936	1941	rVB6	2190	3013	0.12%	0.011%
36	14.528	1954	1962	1977	rBV	216748	433445	16.96%	1.650%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

37	14.734	1992	1997	2002	rVV7	7332	11327	0.44%	0.043%
38	15.316	2089	2096	2104	rBV	955912	1560267	61.04%	5.941%
39	15.381	2104	2107	2113	rVV8	4414	7544	0.30%	0.029%
40	15.445	2113	2118	2129	rVV	282798	374857	14.67%	1.427%
41	15.551	2132	2136	2141	rVB6	5101	8750	0.34%	0.033%
42	15.698	2154	2161	2171	rBV	445150	639883	25.03%	2.436%
43	16.110	2228	2231	2235	rBV6	1865	2608	0.10%	0.010%
44	16.263	2251	2257	2265	rVB2	39617	61743	2.42%	0.235%
45	16.504	2295	2298	2300	rVV4	2691	3255	0.13%	0.012%
46	16.663	2322	2325	2327	rBV4	2286	2600	0.10%	0.010%
47	16.775	2337	2344	2349	rBV4	3320	8531	0.33%	0.032%
48	16.886	2360	2363	2367	rVB5	3070	3741	0.15%	0.014%
49	16.975	2376	2378	2381	rVB4	4713	4154	0.16%	0.016%
50	17.016	2382	2385	2390	rVB7	4149	6125	0.24%	0.023%
51	17.110	2393	2401	2406	rBV	1216717	1876584	73.42%	7.145%
52	17.145	2406	2407	2411	rVV	38454	40634	1.59%	0.155%
53	17.204	2411	2417	2428	rVB2	1281451	1850163	72.38%	7.045%
54	18.051	2555	2561	2570	rBV	204995	321707	12.59%	1.225%
55	18.210	2585	2588	2594	rVB7	18547	27731	1.08%	0.106%
56	18.380	2613	2617	2622	rVB5	12405	20711	0.81%	0.079%
57	18.910	2704	2707	2714	rVB4	28521	50283	1.97%	0.191%
58	19.210	2755	2758	2759	rBV	21540	24633	0.96%	0.094%
59	19.239	2759	2763	2769	rVB	70056	108556	4.25%	0.413%
60	19.380	2783	2787	2795	rBV9	39816	70122	2.74%	0.267%
61	19.586	2816	2822	2831	rBV	1918048	2556049	100.00%	9.732%
62	21.210	3094	3098	3105	rBV3	157348	233256	9.13%	0.888%
63	21.545	3149	3155	3161	rBV	1468546	2301154	90.03%	8.762%
64	24.610	3668	3676	3684	rVB	1045476	2452689	95.96%	9.339%
65	24.839	3706	3715	3726	rVB2	886899	2421851	94.75%	9.221%

Sum of corrected areas: 26263772

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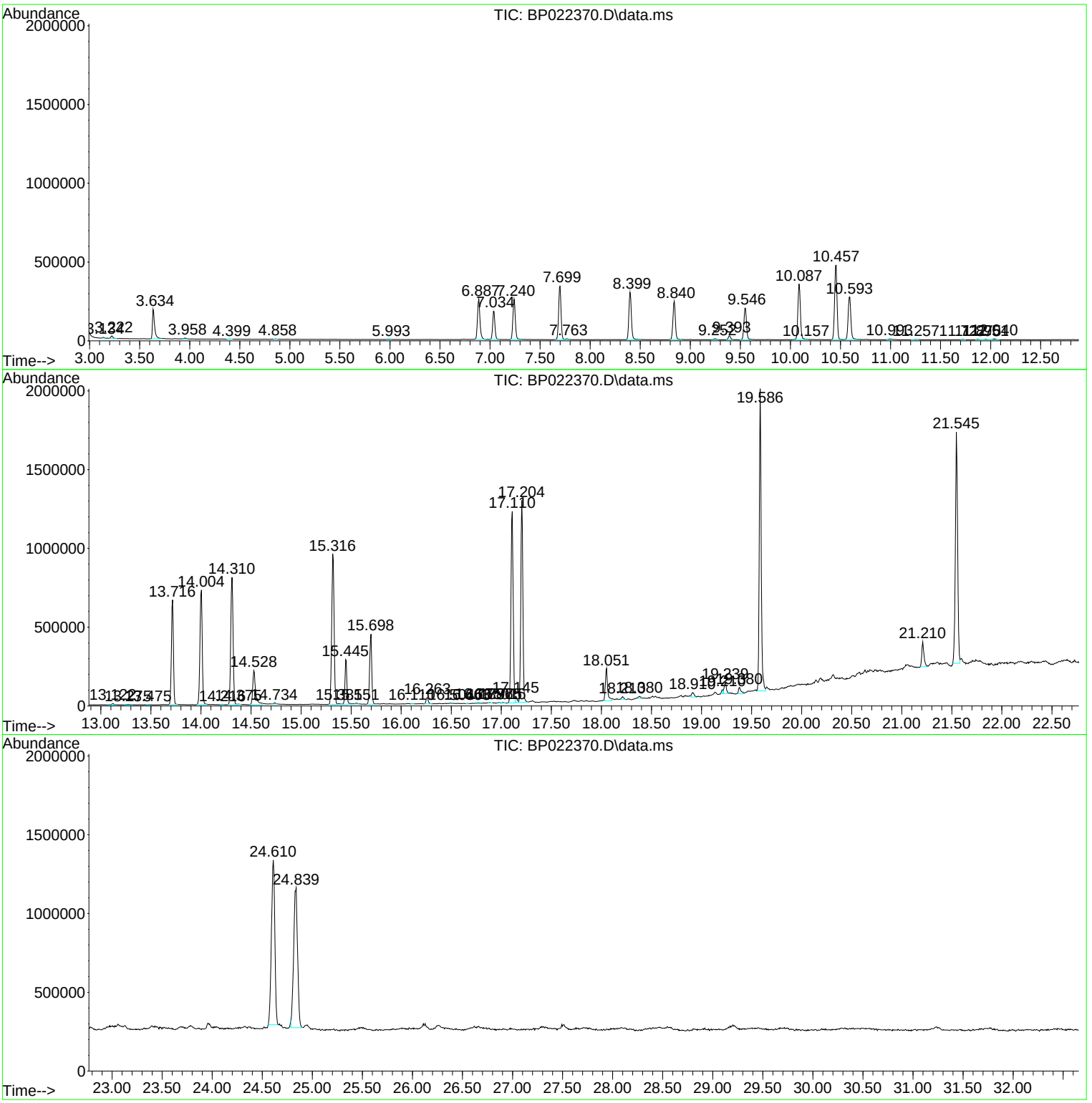
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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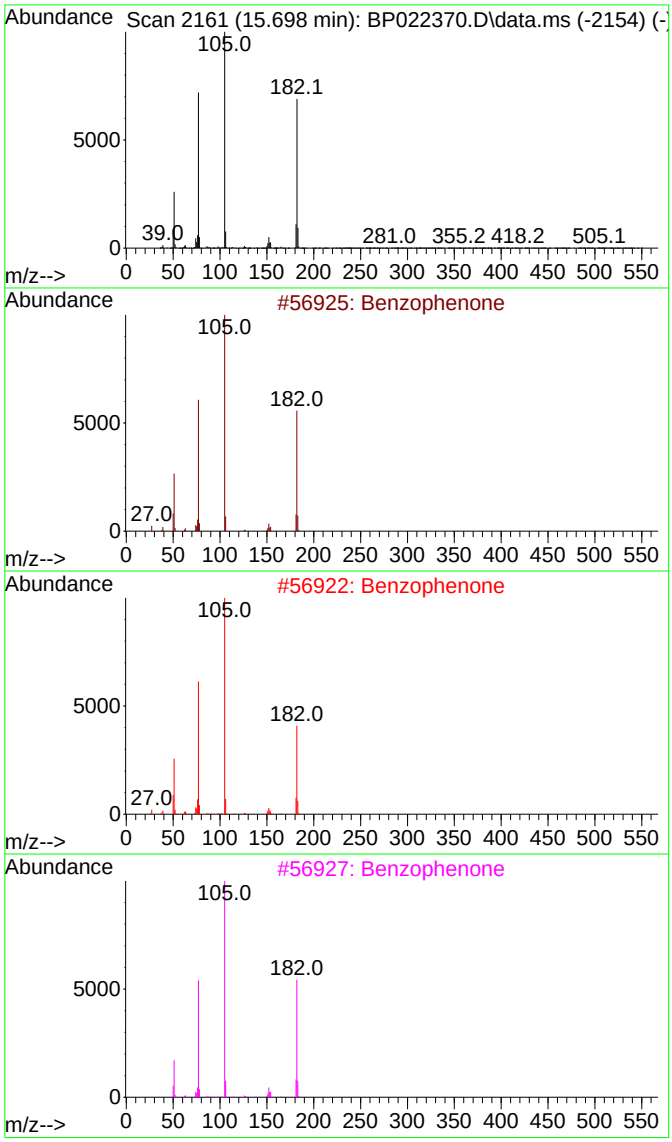
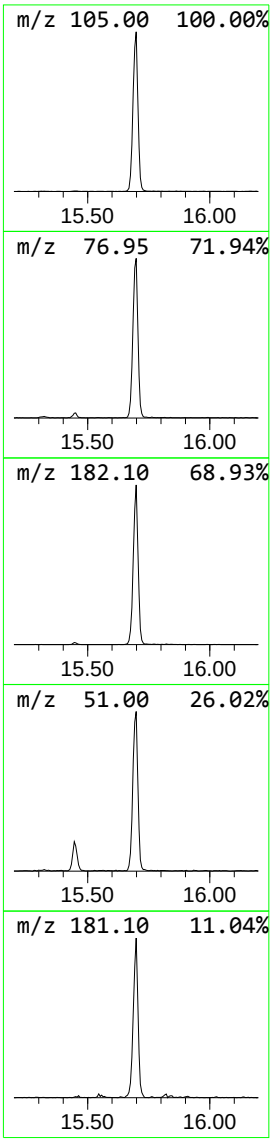
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	9.95 ng/ul	639883	Acenaphthene-d10	14.310

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	94
5	Benzophenone	182	C13H10O	000119-61-9	87





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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

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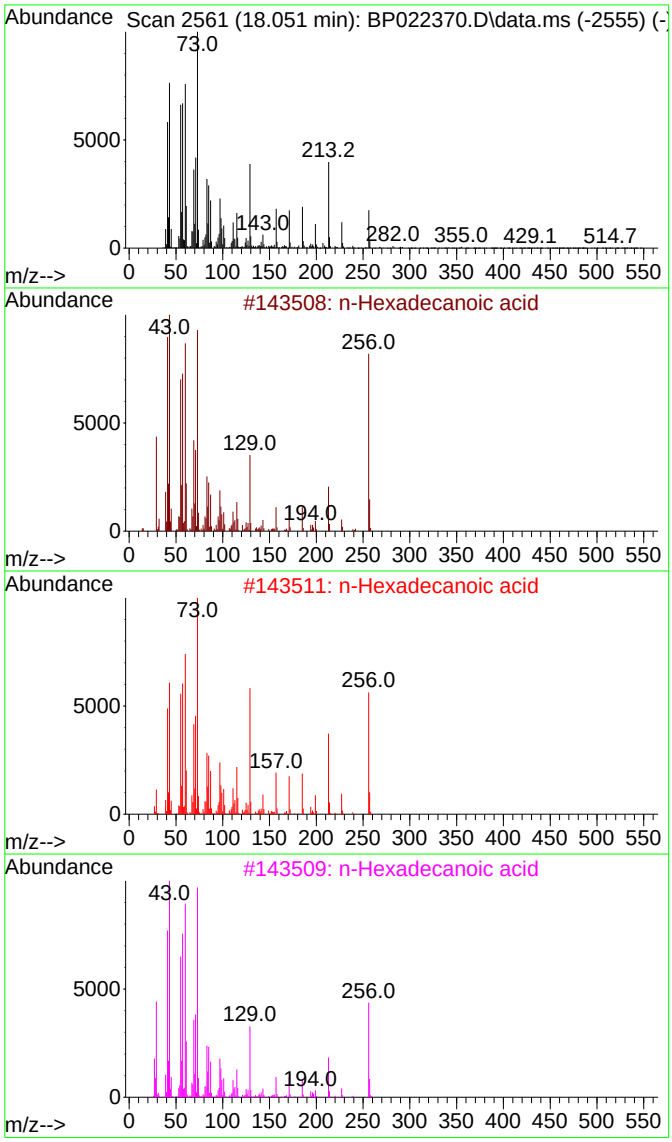
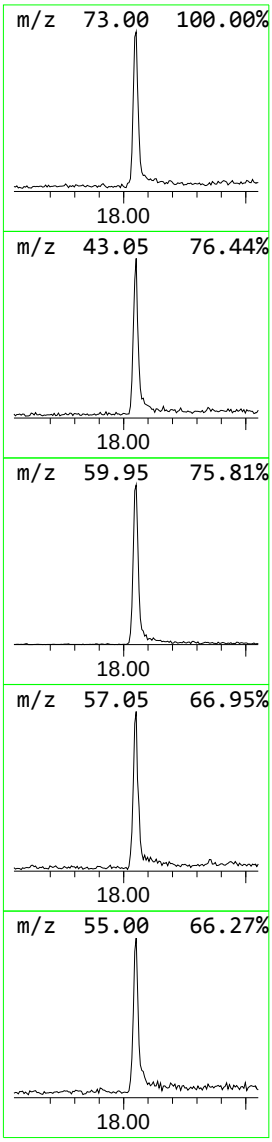
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	3.43 ng/ul	321707	Phenanthrene-d10	17.110

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EP7

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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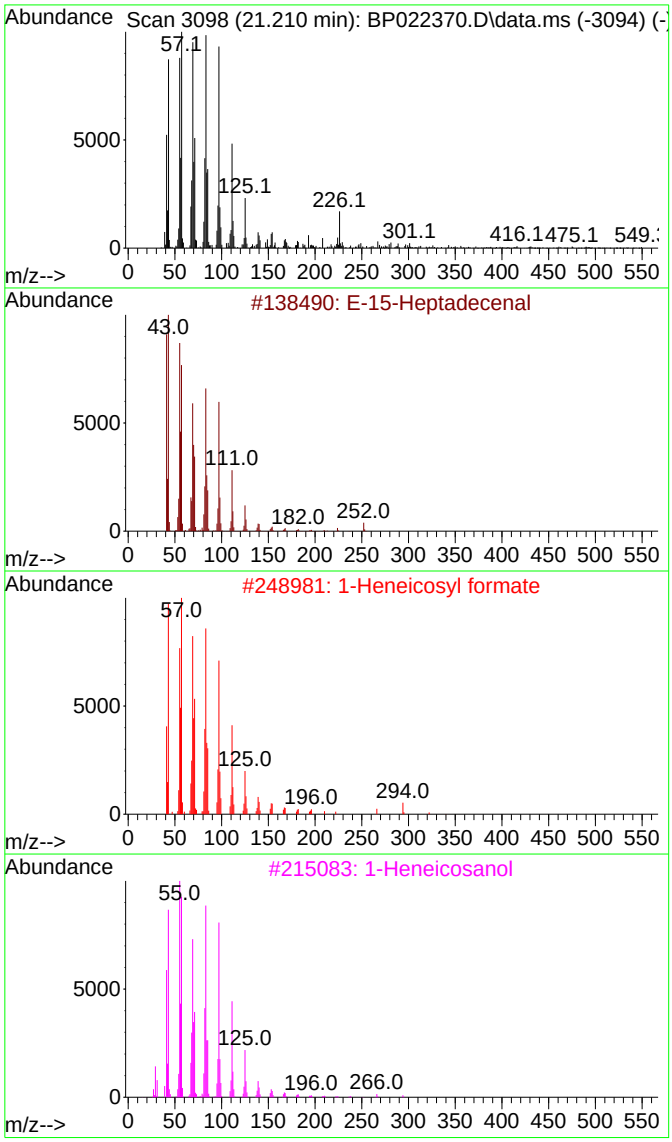
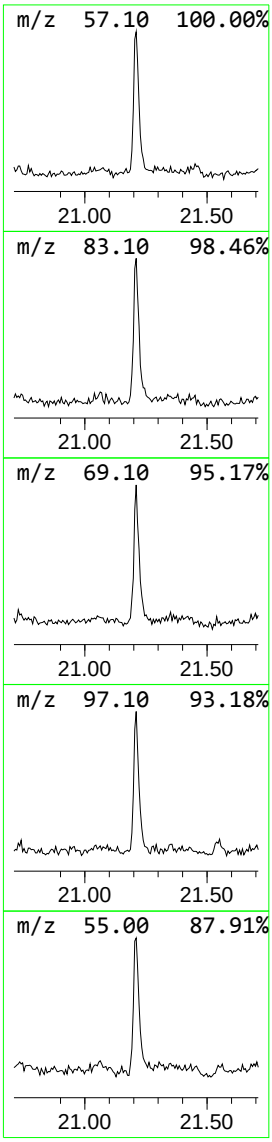
Peak Number 3 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	2.03 ng/ul	233256	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	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	15.698	9.9	ng/ul	639883	3	14.310	1286170	20.0
n-Hexadecanoic ...	18.051	3.4	ng/ul	321707	4	17.110	1876580	20.0
E-15-Heptadecenal	21.210	2.0	ng/ul	233256	5	21.545	2301150	20.0