LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022340.D
Acq On : 11 Oct 2024 18:52
Operator : RC/JU
Sample : P4237-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F32

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: BP022340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	24	26	34	rVB6	6434	9410	0.27%	0.028%
2	3.222	37	40	45	rVB	23701	30527	0.87%	0.091%
3	3.640	107	111	125	rBV	282042	442223	12.62%	1.316%
4	3.958	161	165	169	rVB	7936	10942	0.31%	0.033%
5	4.863	314	319	325	rBV2	6174	10802	0.31%	0.032%
6	5.993	505	511	518	rBV7	4429	8101	0.23%	0.024%
7	6.740	633	638	646	rBV8	4229	9898	0.28%	0.029%
8	6.893	653	664	677	rVB	400754	698930	19.95%	2.080%
9	7.046	683	690	700	rVB	311954	487534	13.91%	1.451%
10	7.246	717	724	734	rBV	418417	698822	19.94%	2.080%
11	7.704	795	802	809	rBV	434537	694581	19.82%	2.067%
12	7.769	809	813	820	rVB2	9513	17327	0.49%	0.052%
13	8.404	914	921	937	rBV	534523	873625	24.93%	2.600%
14	8.846	988	996	1008	rBV	391420	670020	19.12%	1.994%
15	9.004	1020	1023	1029	rVB8	2142	3857	0.11%	0.011%
16	9.257	1061	1066	1074	rVB	12139	18711	0.53%	0.056%
17	9.398	1080	1090	1097	rBV2	40334	73543	2.10%	0.219%
18	9.557	1110	1117	1127	rBV	376237	603426	17.22%	1.796%
19	10.098	1201	1209	1222	rVV	570785	963287	27.49%	2.867%
20	10.469	1263	1272	1279	rBV	555512	930237	26.55%	2.768%
21	10.592	1284	1293	1311	rVV	478367	835509	23.84%	2.486%
22	10.998	1355	1362	1372	rBV8	8711	20515	0.59%	0.061%
23	11.734	1483	1487	1493	rVB7	3573	6193	0.18%	0.018%
24	11.881	1506	1512	1519	rVB6	5560	10048	0.29%	0.030%
25	11.963	1519	1526	1531	rBV5	4307	9630	0.27%	0.029%
26	12.045	1536	1540	1548	rVB2	7839	14812	0.42%	0.044%
27	13.128	1720	1724	1733	rVB3	11008	19163	0.55%	0.057%
28	13.286	1743	1751	1755	rVB3	3033	7024	0.20%	0.021%
29	13.710	1817	1823	1833	rVV	1113745	1508019	43.04%	4.488%
30	14.010	1864	1874	1887	rBV	1091348	1783394	50.90%	5.307%
31	14.228	1906	1911	1915	rBV6	3539	5340	0.15%	0.016%
32	14.322	1919	1927	1937	rBV	886953	1399883	39.95%	4.166%
33	14.545	1954	1965	1978	rBV	333965	649661	18.54%	1.933%
34	14.739	1993	1998	2007	rVB7	11933	20254	0.58%	0.060%
35	15.116	2059	2062	2066	rBV5	2902	3842	0.11%	0.011%
36	15.328	2089	2098	2112	rBV	1300966	2340648	66.80%	6.965%

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Title : SVOA CALIBRATION

37	15.445	2112	2118	2130	rVV	427876	594670	16.97%	1.770%
38	15.557	2134	2137	2142	rVB4	7249	10564	0.30%	0.031%
39	15.698	2155	2161	2168	rBV	419256	544831	15.55%	1.621%
40	15.892	2190	2194	2199	rVB8	3215	6093	0.17%	0.018%
41	17.110	2394	2401	2412	rBV	1291571	1862643	53.16%	5.543%
42	17.216	2412	2419	2428	rVB2	1703562	2656293	75.81%	7.905%
43	17.316	2433	2436	2444	rVB7	19943	34579	0.99%	0.103%
44	17.863	2525	2529	2531	rBV4	4684	7346	0.21%	0.022%
45	18.057	2556	2562	2570	rBV	213686	334935	9.56%	0.997%
46	19.133	2742	2745	2751	rVB4	24556	41067	1.17%	0.122%
47	19.221	2756	2760	2763	rBV2	30499	49374	1.41%	0.147%
48	19.380	2784	2787	2795	rBV4	46627	75940	2.17%	0.226%
49	19.598	2817	2824	2832	rBV	2505969	3360356	95.90%	10.000%
50	21.221	3096	3100	3107	rVB	204111	326797	9.33%	0.972%
51	21.545	3149	3155	3162	rBV	1427731	2128590	60.75%	6.334%
52	24.615	3668	3677	3694	rVB	1297232	3503952	100.00%	10.427%
53	24.845	3708	3716	3726	rVB	876360	2176533	62.12%	6.477%

Sum of corrected areas: 33604301

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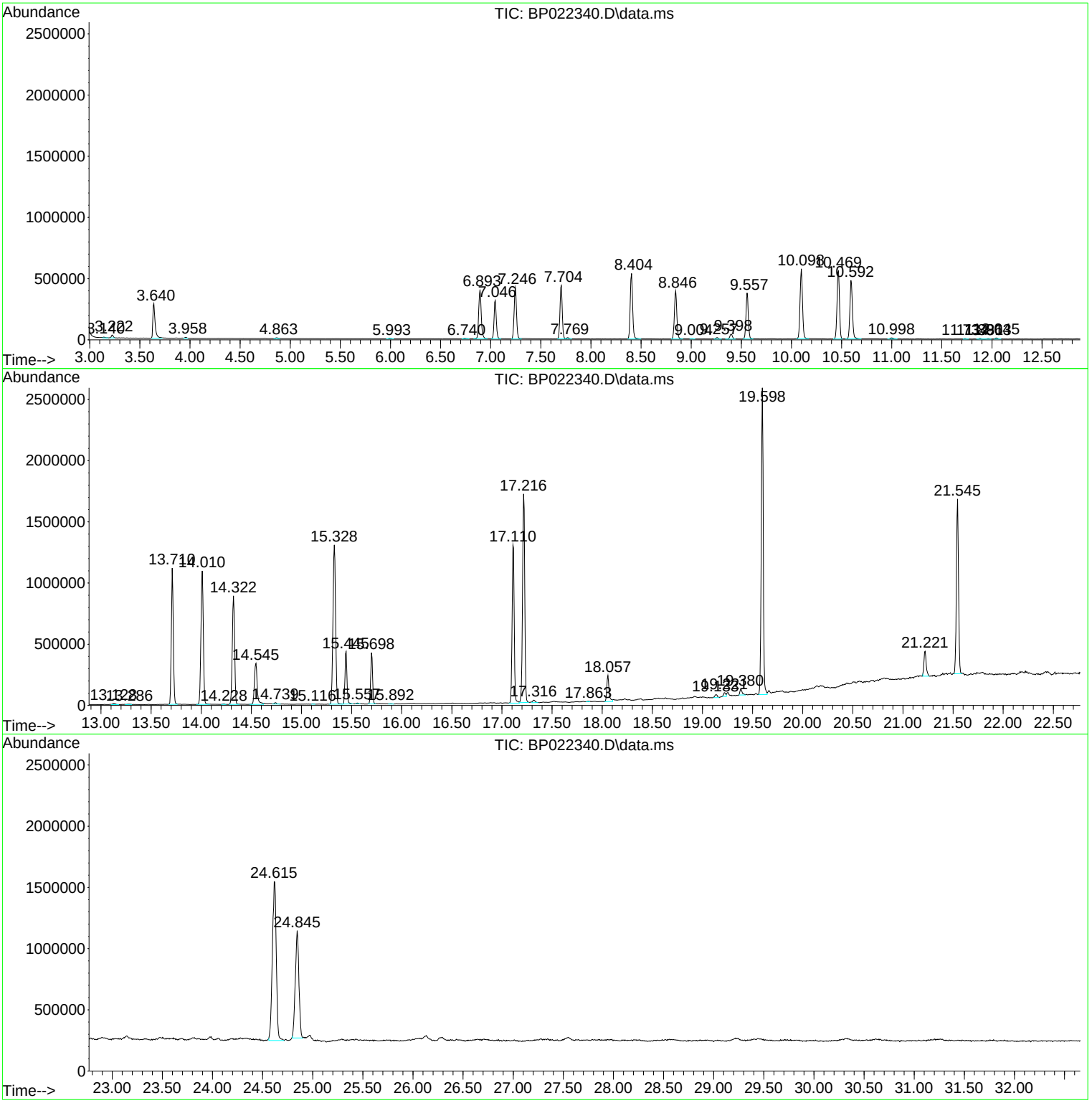
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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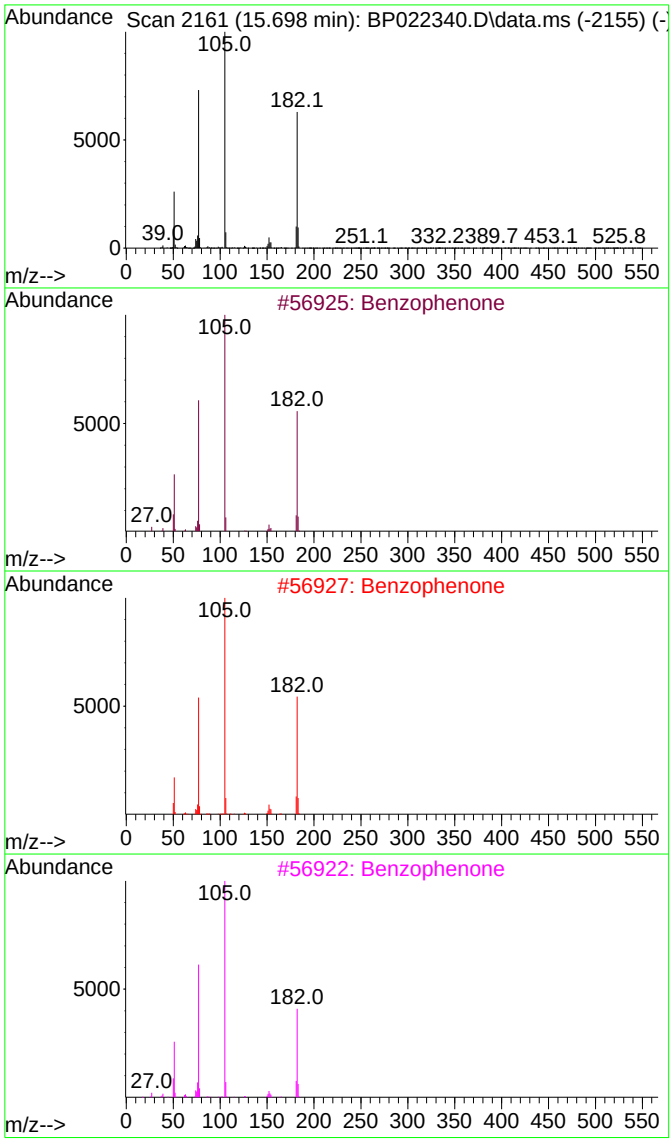
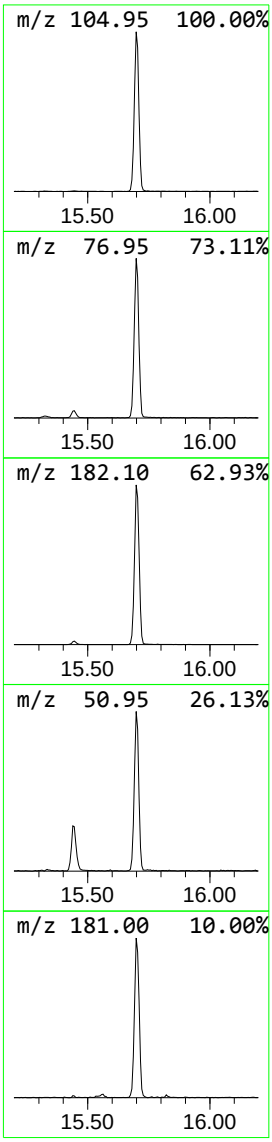
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	7.78 ng/ul	544831	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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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

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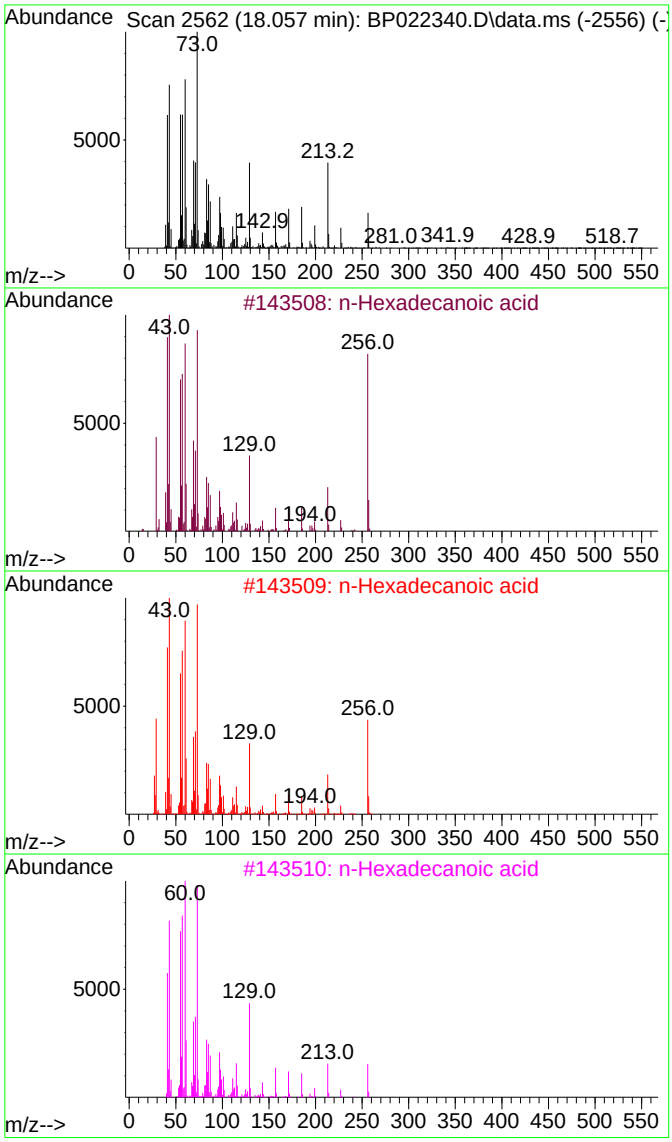
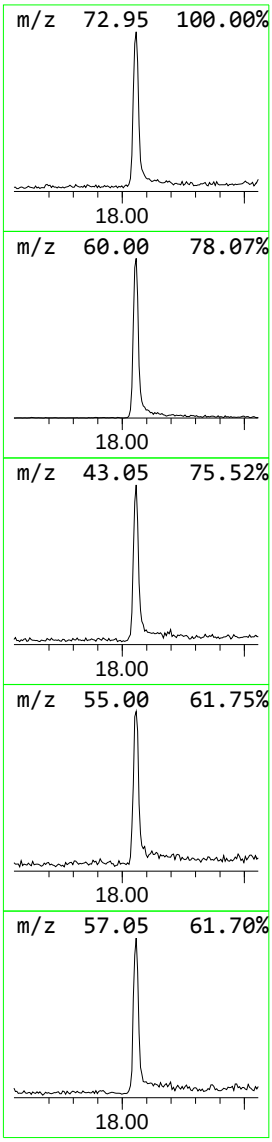
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	3.60 ng/ul	334935	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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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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

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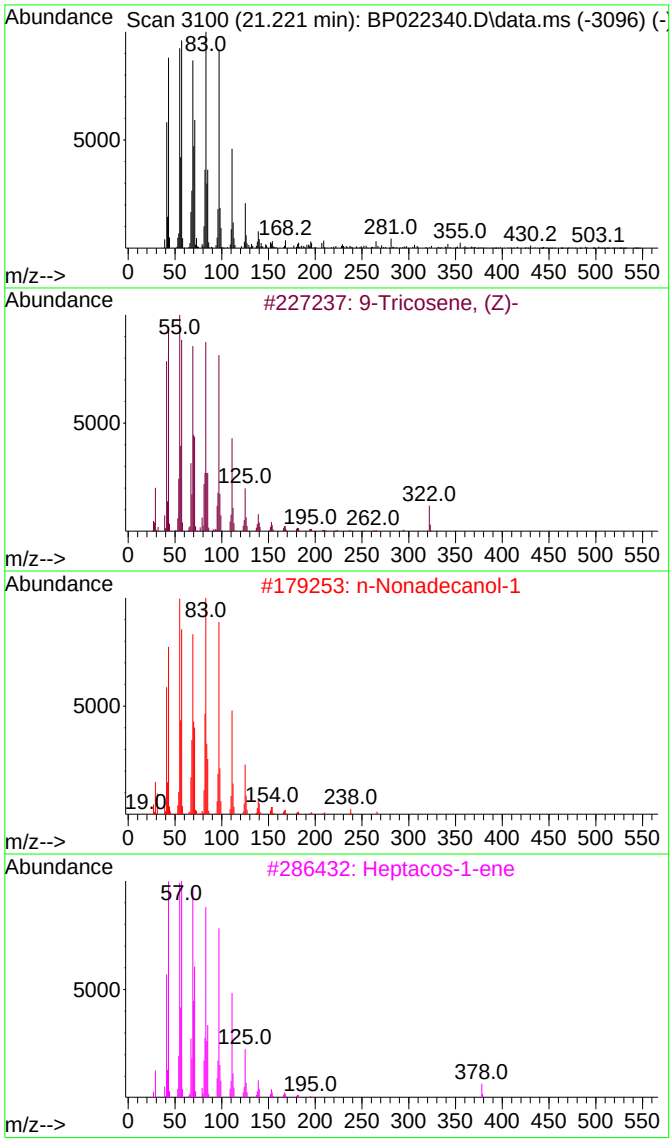
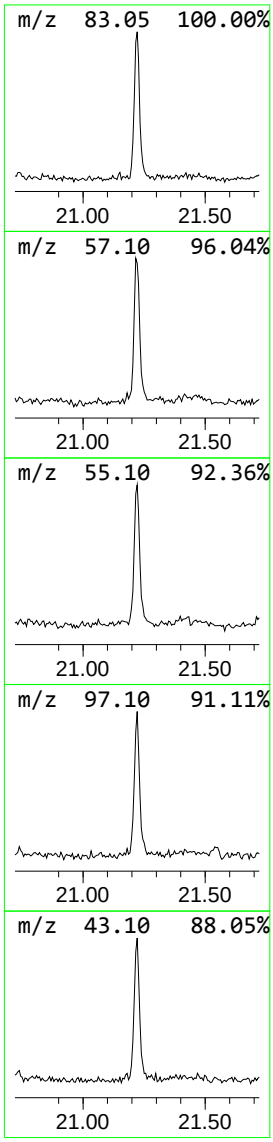
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.07 ng/ul	326797	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93





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	15.698	7.8	ng/ul	544831	3	14.322	1399880	20.0
n-Hexadecanoic ...	18.057	3.6	ng/ul	334935	4	17.110	1862640	20.0
(DEL) Alkane: S...	21.221	3.1	ng/ul	326797	5	21.545	2128590	20.0