LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014234.D
Acq On : 23 Mar 2023 01:02
Operator : CG/JU
Sample : 01977-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EYG97

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	33	37	43	rBV	37387	51787	0.95%	0.096%
2	3.840	107	111	136	rBV	434938	784663	14.41%	1.447%
3	4.164	162	166	172	rVB2	8768	13985	0.26%	0.026%
4	7.199	675	682	703	rBV	651185	1128605	20.73%	2.081%
5	7.364	703	710	723	rVV	548243	871054	16.00%	1.606%
6	7.569	737	745	762	rBV	648122	1090459	20.03%	2.011%
7	8.040	815	825	832	rBV	520259	854533	15.69%	1.576%
8	8.099	832	835	848	rVB	14201	29145	0.54%	0.054%
9	8.752	939	946	962	rBV	850288	1473925	27.07%	2.718%
10	9.216	1017	1025	1036	rBV	691008	1182331	21.72%	2.180%
11	9.369	1046	1051	1058	rBV10	6889	15053	0.28%	0.028%
12	9.593	1084	1089	1093	rBV4	8028	13333	0.24%	0.025%
13	9.940	1140	1148	1161	rBV	628359	1062621	19.52%	1.960%
14	10.481	1232	1240	1260	rBV	802515	1529062	28.08%	2.820%
15	10.863	1296	1305	1317	rBV	788764	1328794	24.41%	2.451%
16	11.005	1321	1329	1350	rBV	743994	1473181	27.06%	2.717%
17	11.687	1437	1445	1450	rBV	4911	13385	0.25%	0.025%
18	12.451	1570	1575	1585	rVB2	14816	27894	0.51%	0.051%
19	13.487	1746	1751	1756	rBV8	8015	12985	0.24%	0.024%
20	13.569	1759	1765	1770	rVV	21386	34026	0.62%	0.063%
21	13.651	1777	1779	1786	rVB8	4117	7292	0.13%	0.013%
22	14.087	1845	1853	1865	rBV	1870191	2711052	49.79%	5.000%
23	14.204	1869	1873	1880	rVB10	7233	12490	0.23%	0.023%
24	14.381	1896	1903	1913	rBV	2028020	3006518	55.22%	5.545%
25	14.463	1914	1917	1924	rVB8	8591	16128	0.30%	0.030%
26	14.557	1930	1933	1937	rVB2	7073	8797	0.16%	0.016%
27	14.687	1946	1955	1964	rBV	1364805	2062858	37.89%	3.804%
28	14.757	1965	1967	1971	rVB5	6407	7047	0.13%	0.013%
29	14.893	1984	1990	2014	rBV	503154	1194096	21.93%	2.202%
30	15.093	2020	2024	2035	rVB	11701	28715	0.53%	0.053%
31	15.504	2090	2094	2098	rVB5	8693	13193	0.24%	0.024%
32	15.681	2117	2124	2137	rBV	2652358	3932975	72.24%	7.253%
33	15.798	2138	2144	2158	rVV	954369	1337624	24.57%	2.467%
34	15.916	2161	2164	2170	rVB2	14738	23151	0.43%	0.043%
35	16.045	2180	2186	2194	rVB	180230	256833	4.72%	0.474%
36	16.375	2239	2242	2247	rBV7	4229	7656	0.14%	0.014%

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Title : SVOA CALIBRATION

37	16.834	2316	2320	2323	rBV6	9753	15721	0.29%	0.029%
38	17.234	2384	2388	2389	rBV3	6022	6587	0.12%	0.012%
39	17.339	2402	2406	2408	rBV5	4630	7211	0.13%	0.013%
40	17.439	2417	2423	2431	rBV	1909027	2691258	49.43%	4.963%
41	17.539	2434	2440	2449	rBV2	3038413	4408914	80.98%	8.131%
42	18.304	2565	2570	2580	rBV	513833	792433	14.55%	1.461%
43	18.704	2635	2638	2642	rVB4	40460	43051	0.79%	0.079%
44	19.122	2706	2709	2715	rBV8	19700	37408	0.69%	0.069%
45	19.345	2743	2747	2751	rBV3	47524	69668	1.28%	0.128%
46	19.410	2754	2758	2765	rVV	49663	95559	1.76%	0.176%
47	19.528	2774	2778	2789	rBV2	119808	230592	4.24%	0.425%
48	19.663	2798	2801	2805	rBV3	36125	43290	0.80%	0.080%
49	19.769	2813	2819	2831	rBV	4042353	5359086	98.43%	9.883%
50	21.192	3057	3061	3069	rBV	768318	1072675	19.70%	1.978%
51	21.522	3112	3117	3124	rBV	2311198	3167910	58.18%	5.842%
52	23.880	3511	3518	3530	rVB2	2702507	5444649	100.00%	10.041%
53	24.045	3539	3546	3557	rVB2	1520911	3119732	57.30%	5.754%

Sum of corrected areas: 54222990

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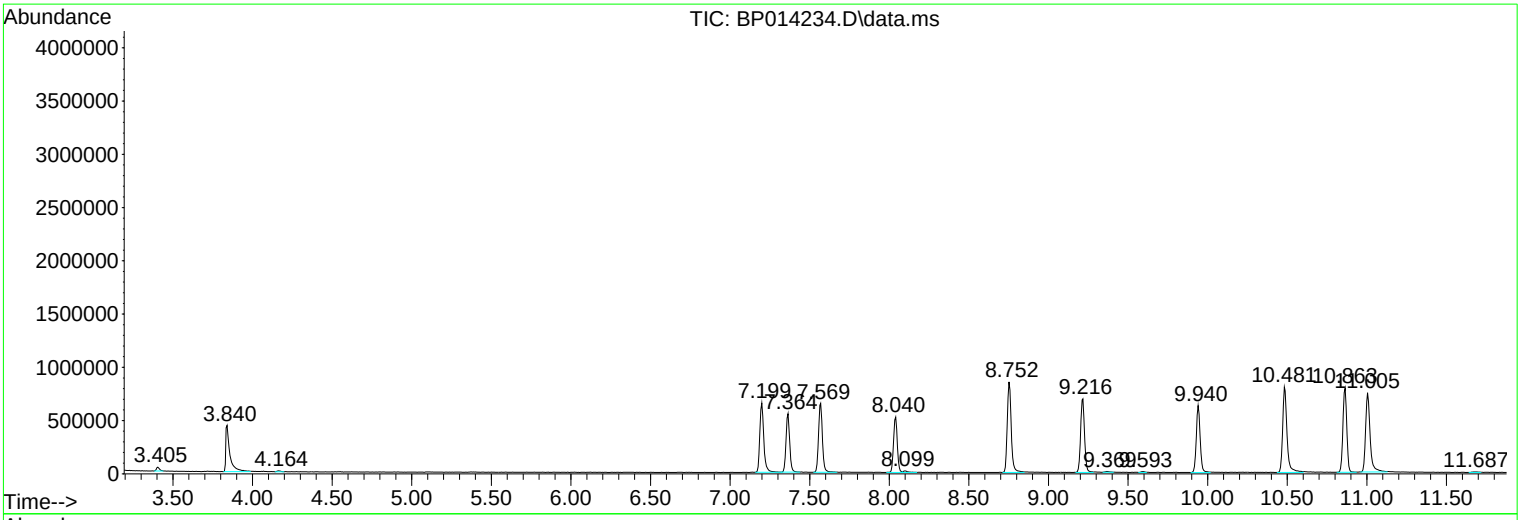
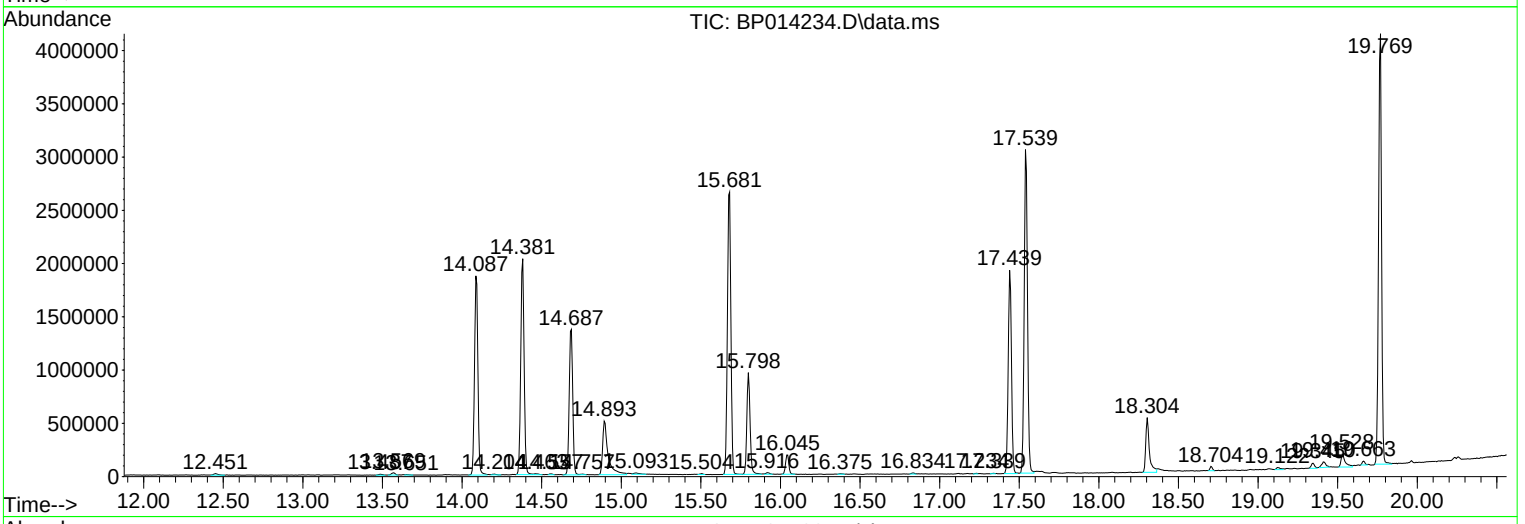
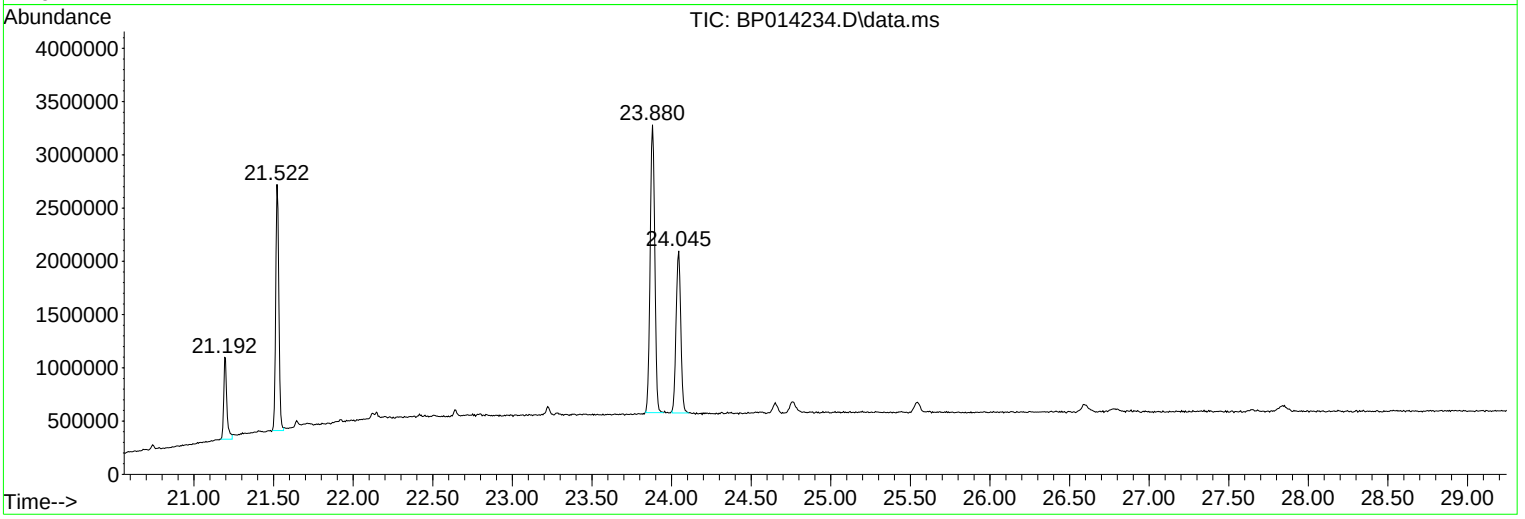
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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







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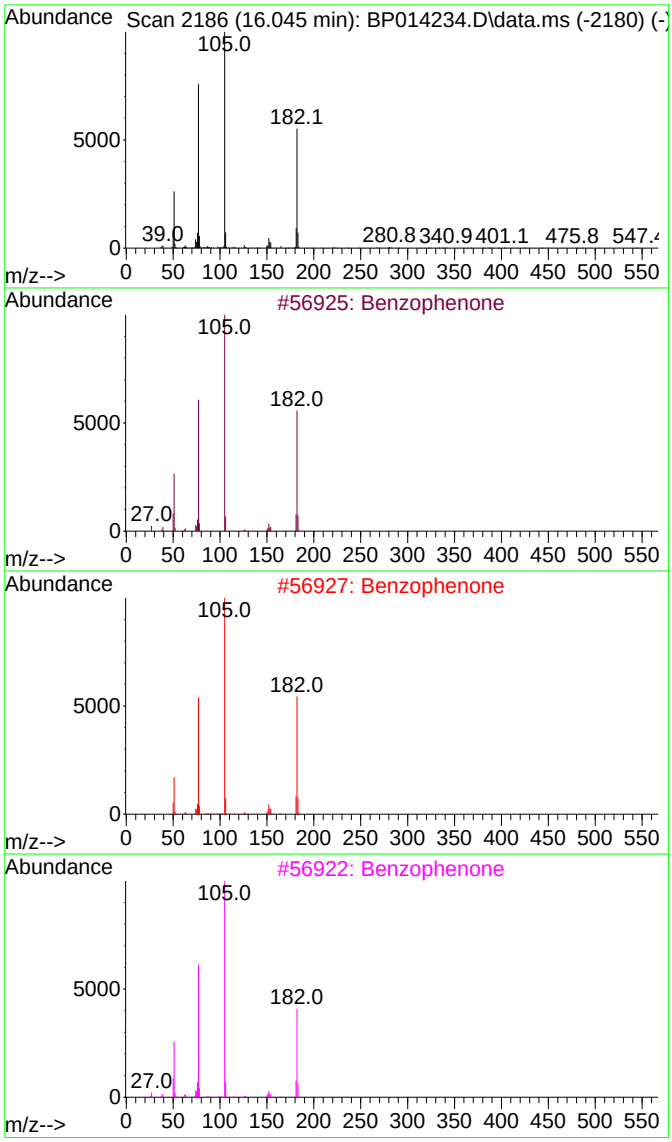
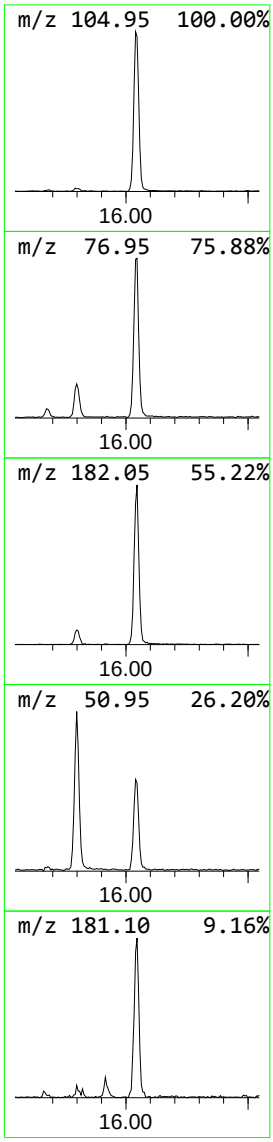
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	2.49 ng/ul	256833	Acenaphthene-d10	14.687

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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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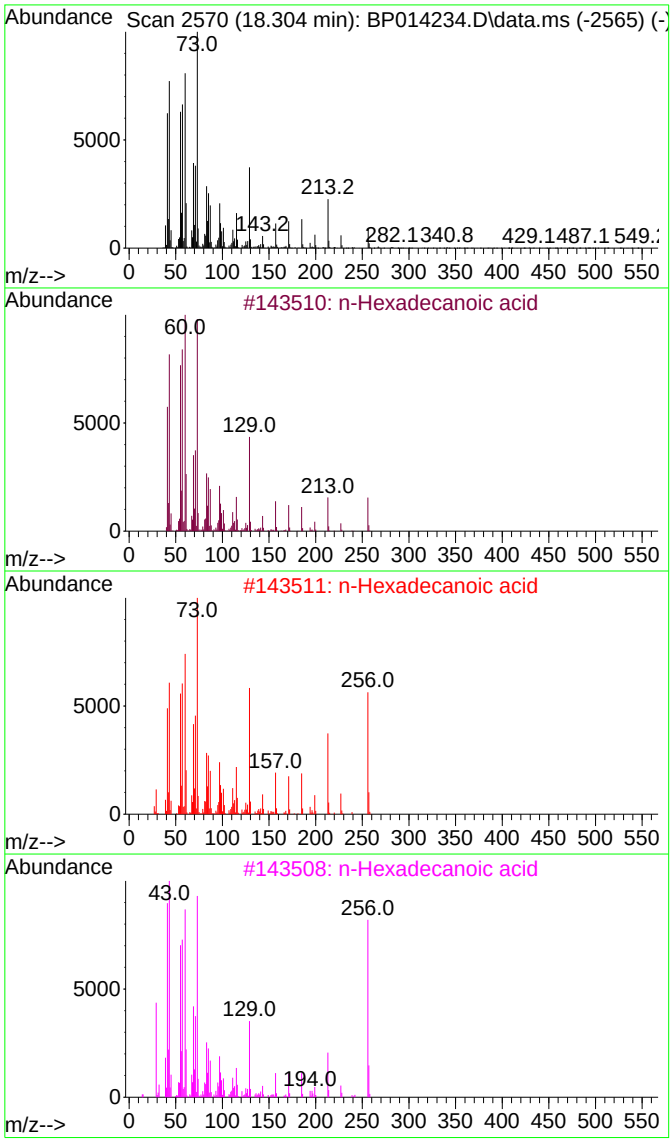
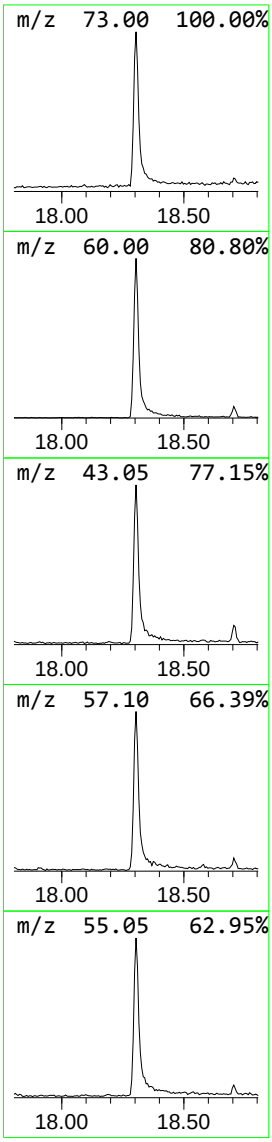
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	5.89 ng/ul	792433	Phenanthrene-d10	17.439

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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TIC Integration Parameters: LSCINT.P

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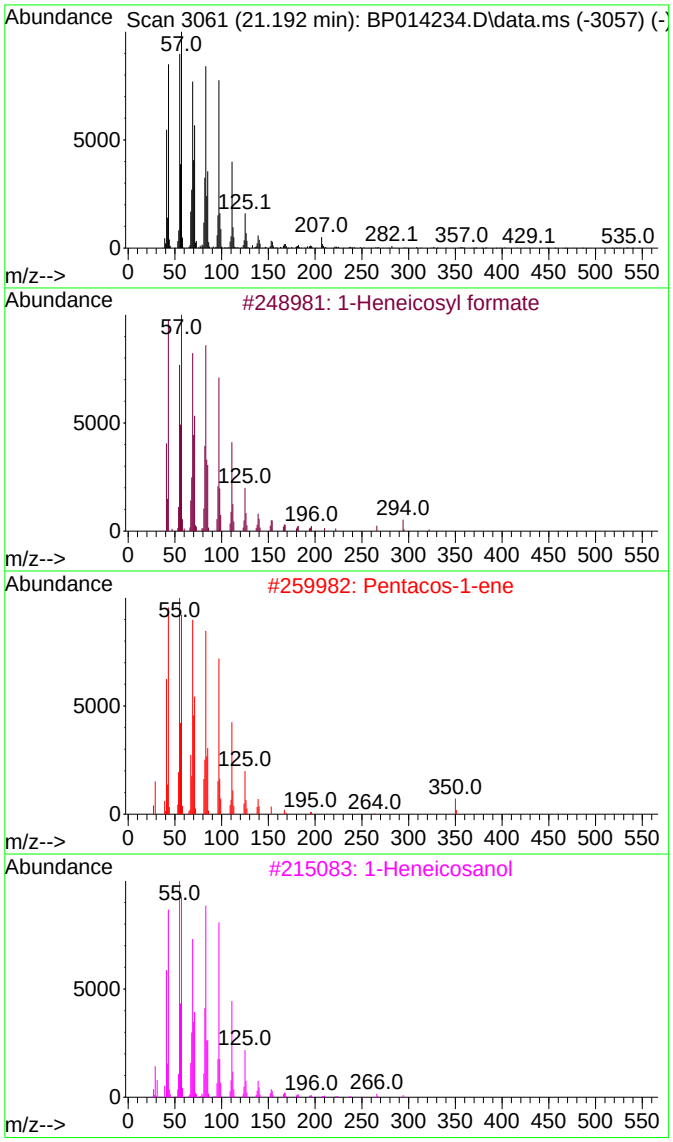
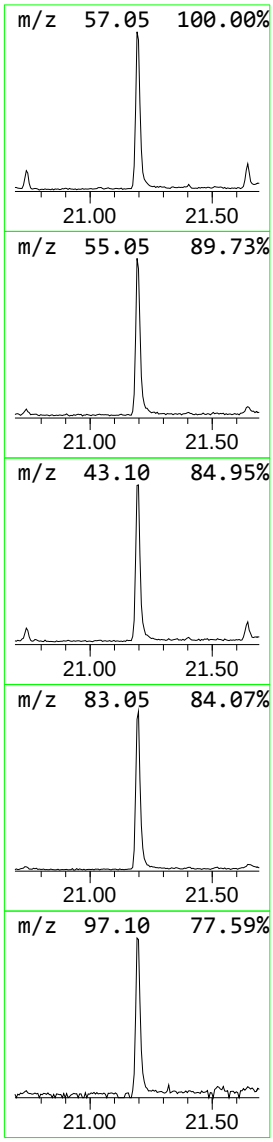
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	6.77 ng/ul	1072680	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.045	2.5	ng/ul	256833	3	14.687	2062860	20.0
n-Hexadecanoic ...	18.304	5.9	ng/ul	792433	4	17.439	2691260	20.0
1-Heneicosyl fo...	21.192	6.8	ng/ul	1072680	5	21.522	3167910	20.0