LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012055.D
Acq On : 11 Oct 2022 23:43
Operator : CG/JU
Sample : N4991-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BE9

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-BP101122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	46	50	59	rVB	36658	52734	1.16%	0.128%
2	3.575	97	100	105	rBV	4965	7818	0.17%	0.019%
3	3.740	125	128	136	rBV	19840	43452	0.95%	0.106%
4	3.928	154	160	167	rVB	39117	58124	1.28%	0.142%
5	4.022	173	176	186	rVB	18231	28534	0.63%	0.069%
6	4.252	211	215	220	rVB	10981	14595	0.32%	0.036%
7	4.399	235	240	243	rBV7	5071	8737	0.19%	0.021%
8	4.670	283	286	290	rVB6	6622	8322	0.18%	0.020%
9	4.964	329	336	345	rBV2	143628	223766	4.91%	0.545%
10	7.022	680	686	700	rVB	335989	565381	12.41%	1.376%
11	7.187	707	714	727	rBV	384569	652195	14.31%	1.588%
12	7.387	741	748	759	rBV	472664	758734	16.65%	1.847%
13	7.681	792	798	801	rBV5	3809	5911	0.13%	0.014%
14	7.858	819	828	837	rBV	787575	1293252	28.38%	3.149%
15	8.569	942	949	965	rBV	341796	598720	13.14%	1.458%
16	8.693	965	970	976	rVB	9807	18946	0.42%	0.046%
17	9.022	1019	1026	1043	rBV	411491	707322	15.52%	1.722%
18	9.428	1089	1095	1100	rVB6	5874	8880	0.19%	0.022%
19	9.746	1142	1149	1167	rBV	306058	542465	11.90%	1.321%
20	10.287	1234	1241	1254	rBV	495756	907462	19.91%	2.209%
21	10.663	1296	1305	1319	rBV	1057573	1828449	40.12%	4.452%
22	10.810	1322	1330	1344	rBV	402272	785504	17.24%	1.912%
23	12.199	1560	1566	1571	rBV4	6941	15327	0.34%	0.037%
24	12.257	1571	1576	1583	rVB	9115	17937	0.39%	0.044%
25	12.863	1673	1679	1684	rBV10	3185	5826	0.13%	0.014%
26	13.110	1716	1721	1724	rBV7	3802	5879	0.13%	0.014%
27	13.322	1753	1757	1765	rVB10	3093	6282	0.14%	0.015%
28	13.828	1838	1843	1849	rBV9	3955	7575	0.17%	0.018%
29	13.916	1851	1858	1873	rVV	986013	1405686	30.84%	3.422%
30	14.028	1873	1877	1886	rVB	10908	22049	0.48%	0.054%
31	14.198	1893	1906	1918	rBV	1159214	1762888	38.68%	4.292%
32	14.393	1933	1939	1943	rVB7	10555	16742	0.37%	0.041%
33	14.504	1950	1958	1974	rBV	1575378	2304866	50.57%	5.611%
34	14.716	1987	1994	2015	rBV	174711	401538	8.81%	0.978%
35	14.934	2025	2031	2041	rVB9	16810	35968	0.79%	0.088%
36	15.428	2112	2115	2120	rVB5	6492	8455	0.19%	0.021%

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Title : SVOA CALIBRATION

37	15.498	2120	2127	2139	rBV	1628500	2332395	51.18%	5.678%
38	15.622	2143	2148	2162	rVV	268488	405048	8.89%	0.986%
39	15.740	2165	2168	2174	rVB6	7808	13094	0.29%	0.032%
40	16.663	2322	2325	2330	rVB7	4117	6813	0.15%	0.017%
41	16.804	2341	2349	2354	rBV6	11603	26864	0.59%	0.065%
42	17.022	2381	2386	2399	rBV	166625	228997	5.02%	0.558%
43	17.128	2399	2404	2411	rBV	66211	87620	1.92%	0.213%
44	17.263	2421	2427	2433	rBV	1900932	2737025	60.06%	6.664%
45	17.363	2438	2444	2455	rVV	1840990	2618821	57.46%	6.376%
46	17.457	2456	2460	2467	rVB3	34139	52641	1.16%	0.128%
47	17.928	2536	2540	2544	rBV3	31372	40938	0.90%	0.100%
48	18.145	2572	2577	2586	rBV	272331	444415	9.75%	1.082%
49	19.239	2760	2763	2765	rBV	47001	59850	1.31%	0.146%
50	19.269	2766	2768	2773	rVB	72238	92184	2.02%	0.224%
51	19.381	2783	2787	2796	rBV	210361	338756	7.43%	0.825%
52	19.598	2818	2824	2835	rBV	2812200	3793303	83.23%	9.235%
53	21.051	3067	3071	3076	rBV2	397108	641857	14.08%	1.563%
54	21.351	3117	3122	3131	rBV	2685740	3565507	78.24%	8.681%
55	23.610	3500	3506	3523	rVB2	2065076	4557358	100.00%	11.095%
56	23.769	3527	3533	3543	rVB2	1893884	3894974	85.47%	9.483%

Sum of corrected areas: 41074781

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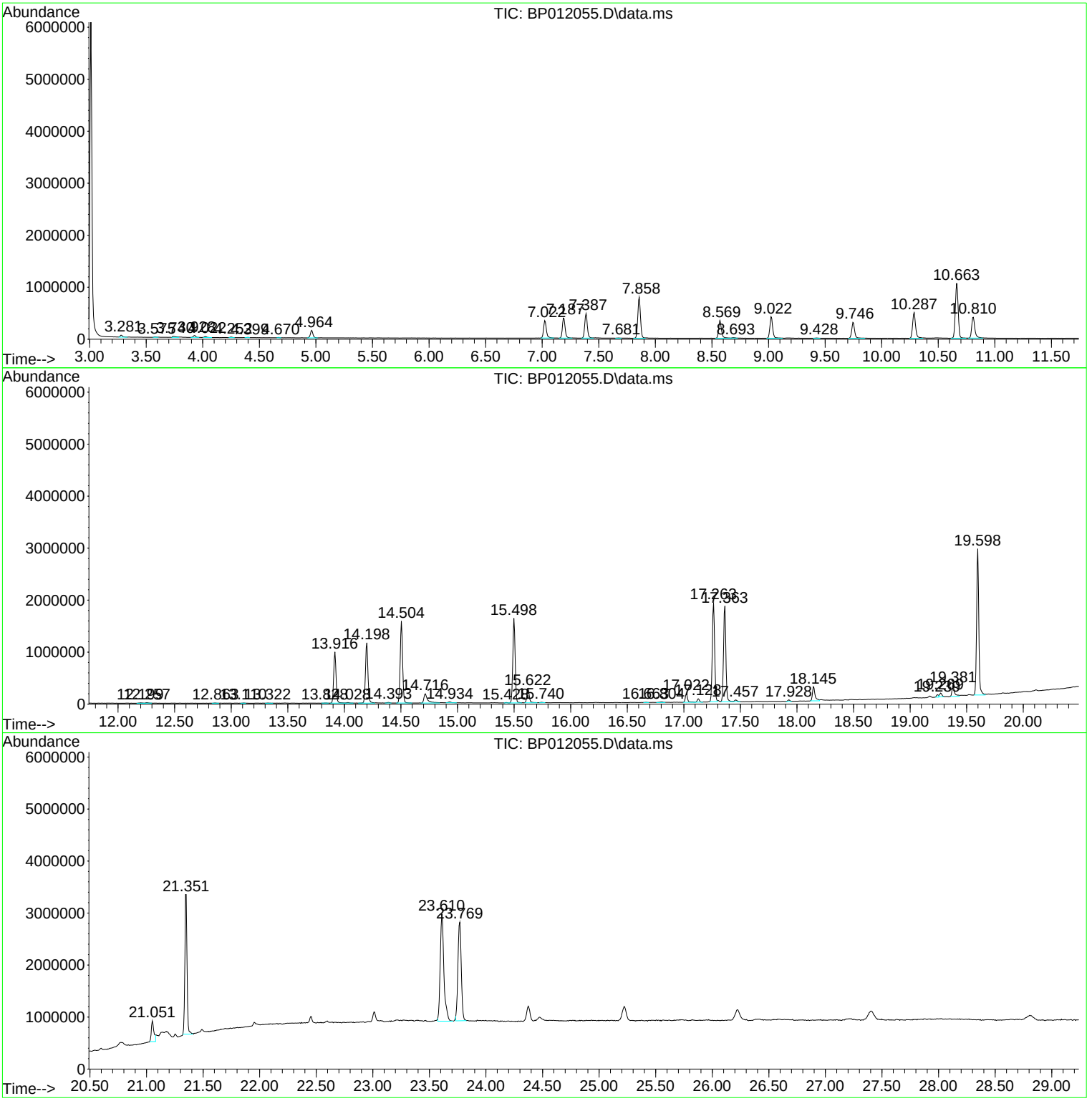
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

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



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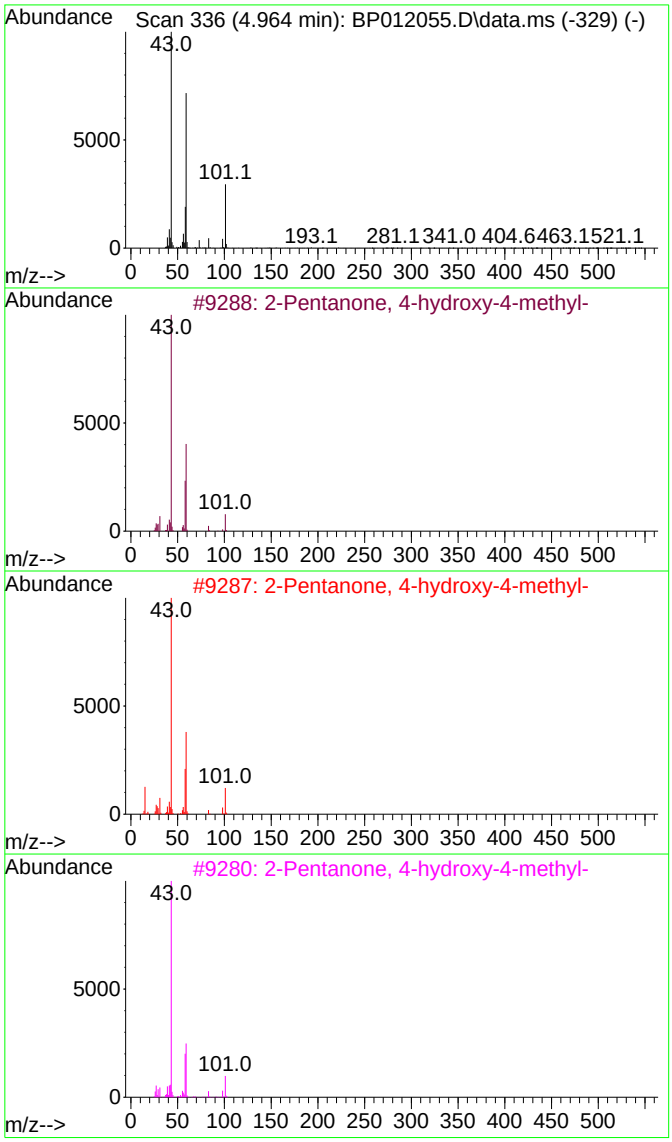
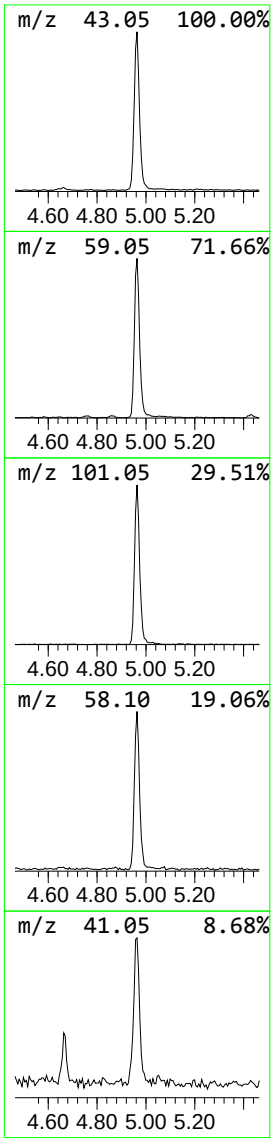
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	3.46 ng/ul	223766	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Guanidine	59	CH5N3	000113-00-8	38
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38





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TIC Integration Parameters: LSCINT.P

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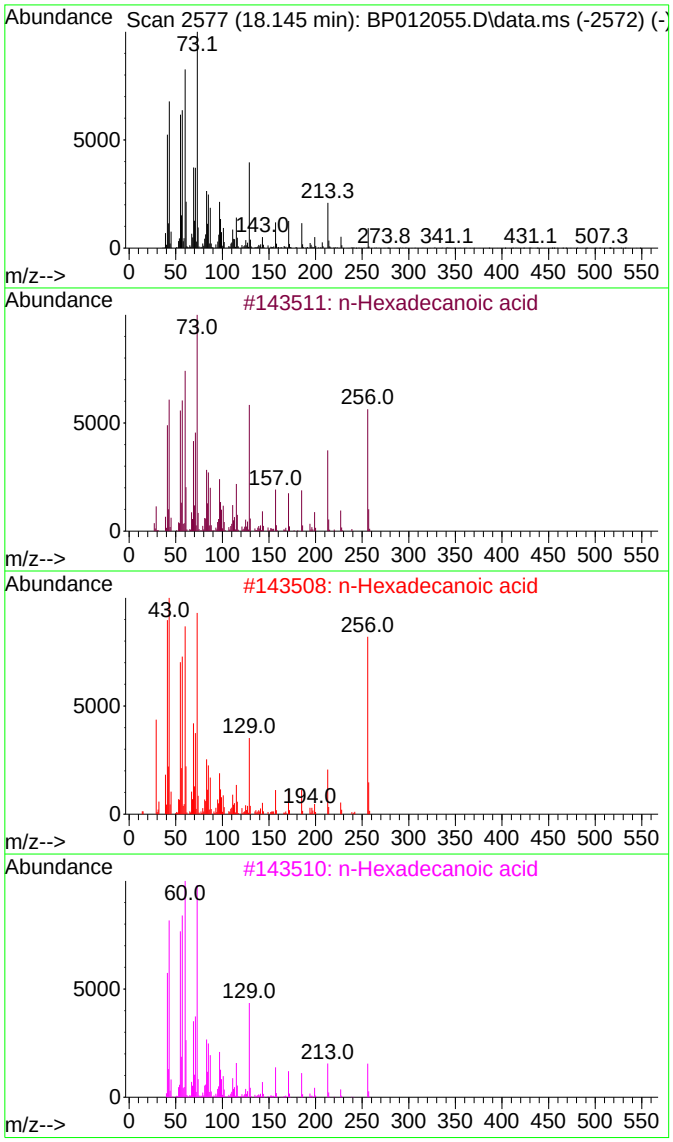
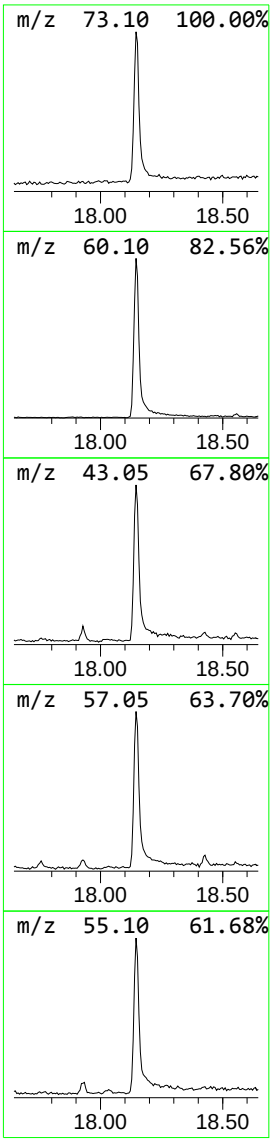
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.25 ng/ul	444415	Phenanthrene-d10	17.263

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97





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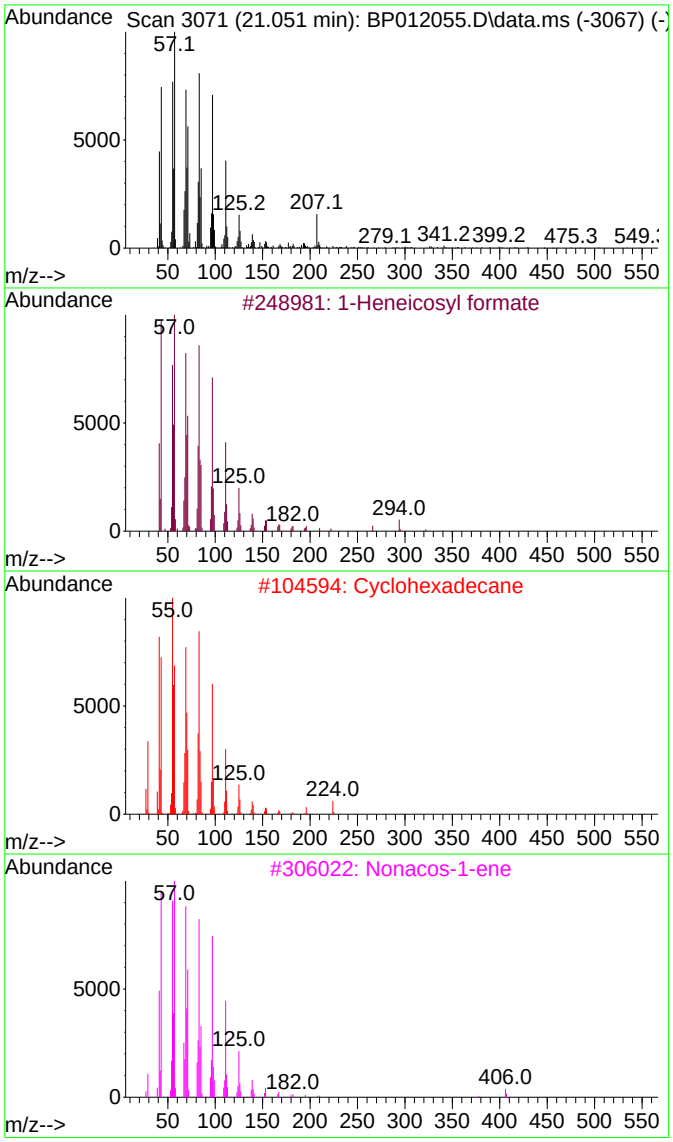
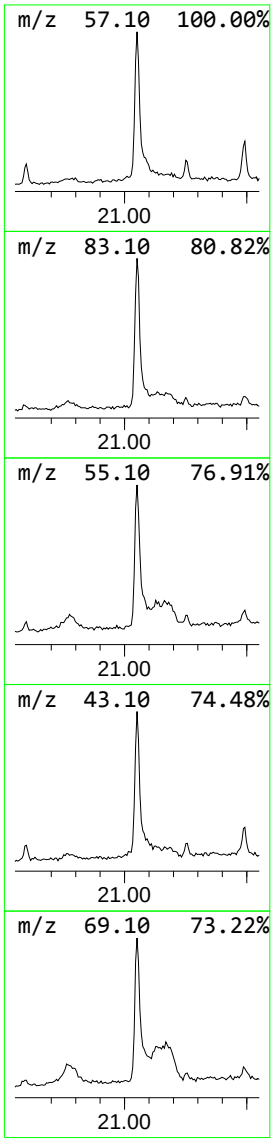
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.60 ng/ul	641857	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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
2-Pentanone, 4-...	4.964	3.5	ng/ul	223766	1	7.858	1293250	20.0
n-Hexadecanoic ...	18.145	3.3	ng/ul	444415	4	17.263	2737030	20.0
1-Heneicosyl fo...	21.051	3.6	ng/ul	641857	5	21.351	3565510	20.0