LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001173.D
Acq On : 04 Dec 2019 00:07
Operator : JU
Sample : K6069-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.352	42	45	59	rVB	31057	53243	1.43%	0.174%
2	5.628	597	602	617	rVB	398271	611443	16.45%	1.997%
3	6.222	696	703	718	rBV	2275320	2848260	76.64%	9.304%
4	7.763	957	965	975	rBV	2312731	3108877	83.66%	10.155%
5	7.952	990	997	1004	rBV	2378686	2958493	79.61%	9.664%
6	8.310	1053	1058	1064	rBV	655555	756455	20.36%	2.471%
7	8.552	1093	1099	1104	rBV	1889057	2290507	61.63%	7.482%
8	9.193	1201	1208	1212	rBV	1611939	1917756	51.60%	6.265%
9	10.346	1394	1404	1411	rBV	804980	930500	25.04%	3.040%
10	12.128	1697	1707	1711	rBV	2889457	3394005	91.33%	11.087%
11	12.792	1815	1820	1825	rBV	294107	330693	8.90%	1.080%
12	13.210	1885	1891	1898	rVB	888882	1076519	28.97%	3.517%
13	14.498	2104	2110	2124	rBV	1662350	2258474	60.77%	7.377%
14	15.604	2291	2298	2309	rBV	989770	1156023	31.11%	3.776%
15	15.745	2318	2322	2328	rVB2	42867	49895	1.34%	0.163%
16	16.492	2445	2449	2462	rBV	106318	149493	4.02%	0.488%
17	17.580	2630	2634	2640	rBV2	29972	38561	1.04%	0.126%
18	17.892	2681	2687	2691	rBV	3385747	3716307	100.00%	12.140%
19	19.127	2892	2897	2912	rBV2	135690	295277	7.95%	0.965%
20	19.251	2912	2918	2923	rBV	895871	1059705	28.52%	3.462%
21	19.539	2964	2967	2972	rBV	43880	49446	1.33%	0.162%
22	19.933	3030	3034	3047	rVB	63668	79491	2.14%	0.260%
23	20.310	3094	3098	3103	rBV	68746	75612	2.03%	0.247%
24	20.704	3161	3165	3173	rBV	68687	86358	2.32%	0.282%
25	21.021	3213	3219	3228	rVB	746756	997719	26.85%	3.259%
26	21.145	3235	3240	3249	rVB	63399	99205	2.67%	0.324%
27	21.645	3319	3325	3330	rBV	55019	95554	2.57%	0.312%
28	22.216	3417	3422	3431	rVB2	38125	73477	1.98%	0.240%
29	22.892	3531	3537	3546	rVB3	20785	55704	1.50%	0.182%

Sum of corrected areas: 30613052

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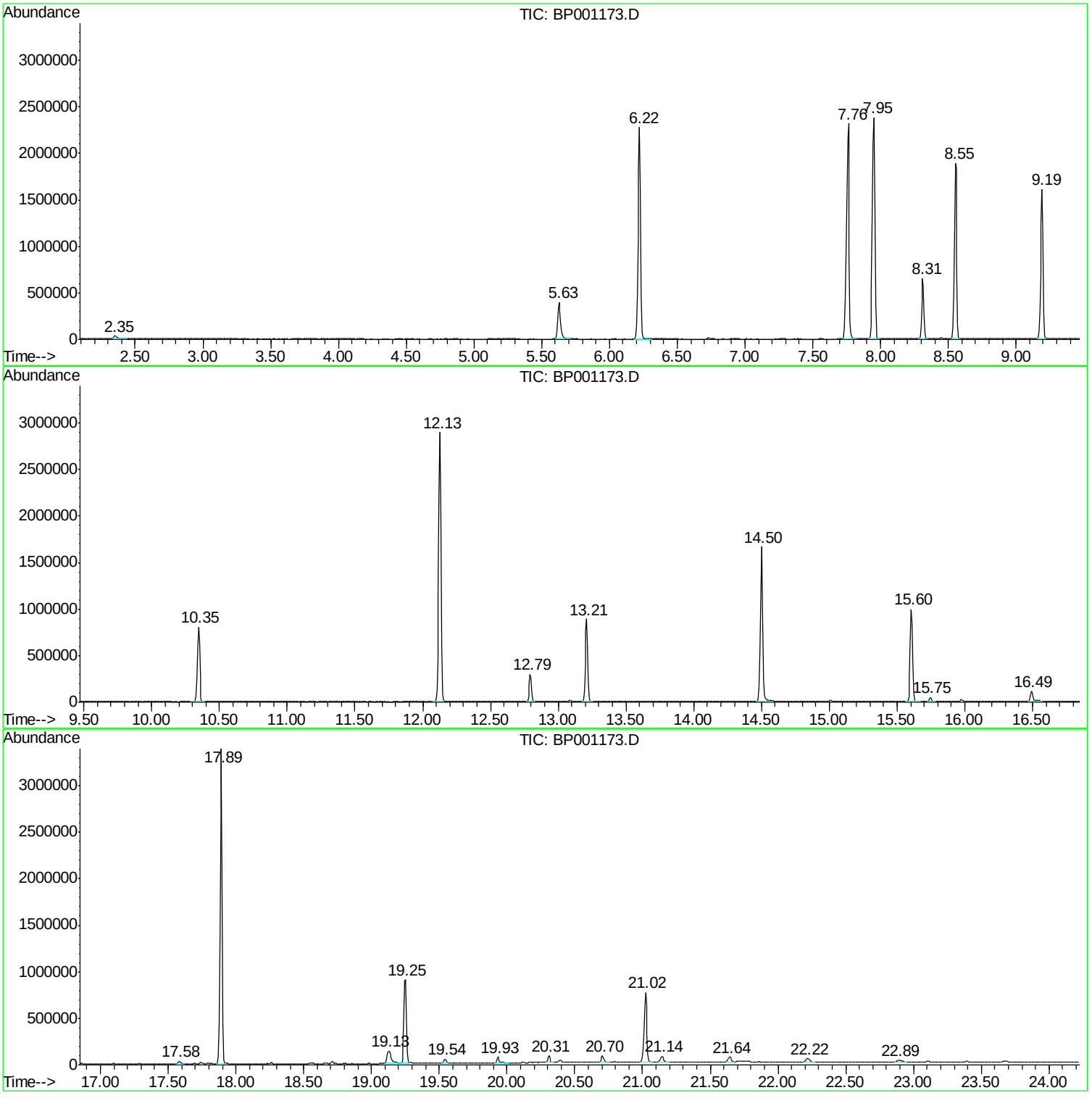
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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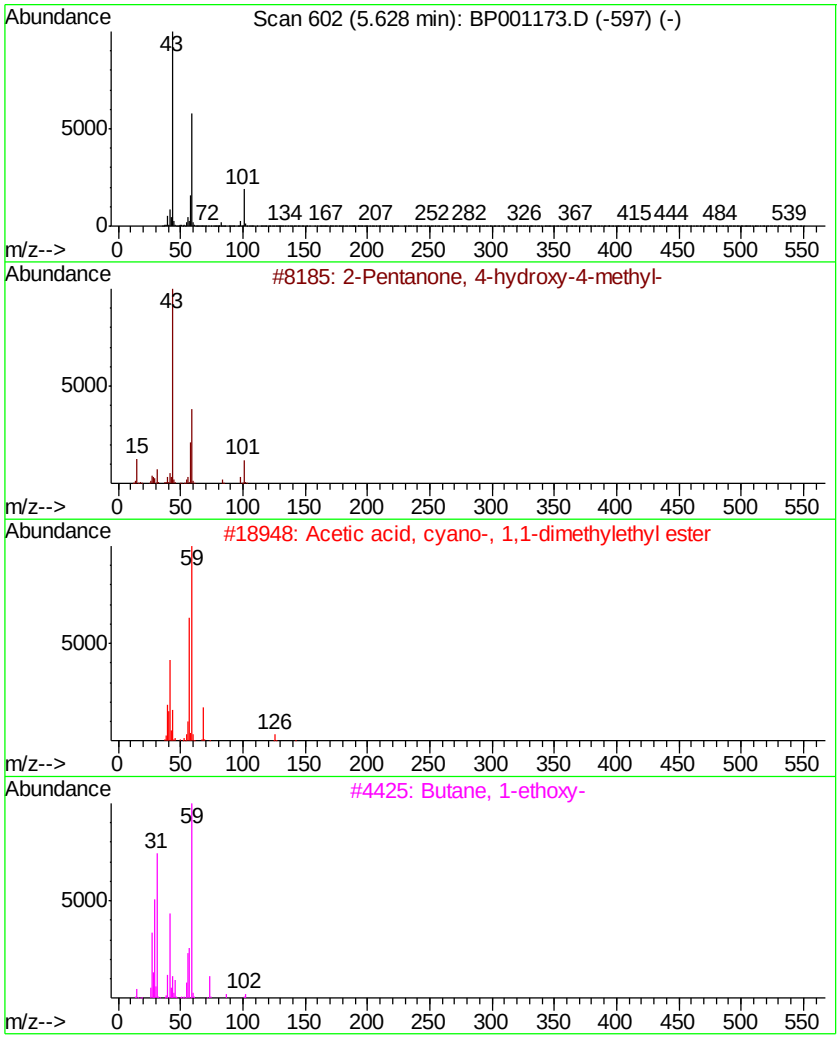
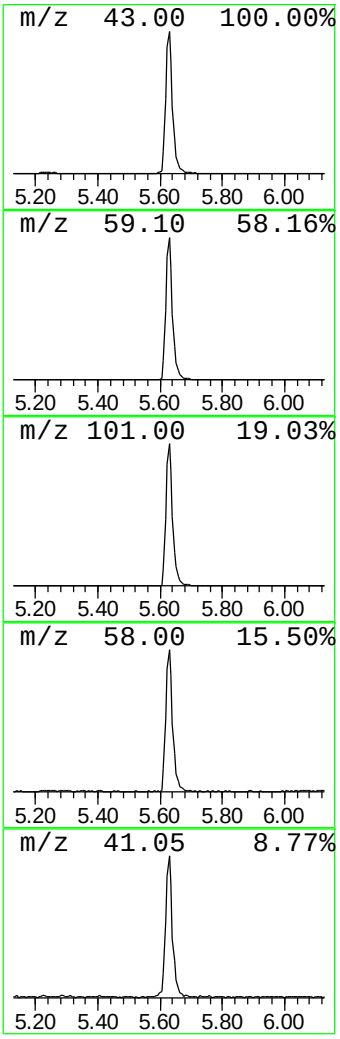
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	16.17 ng	611443	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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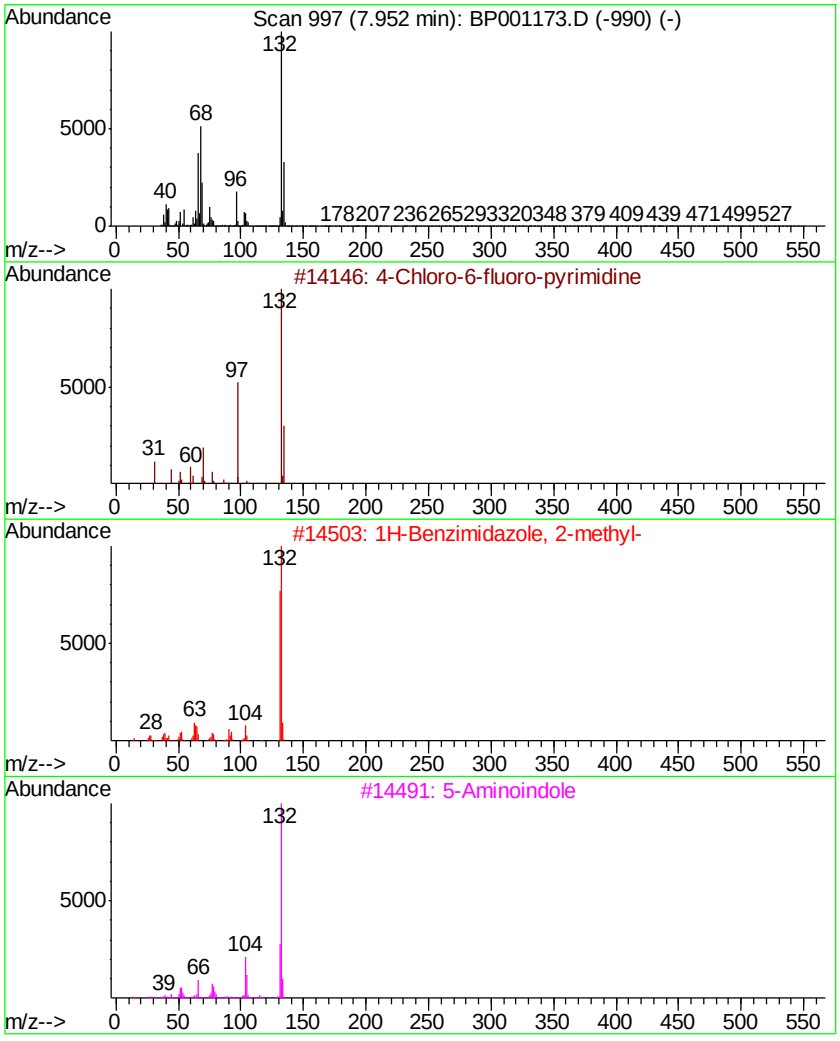
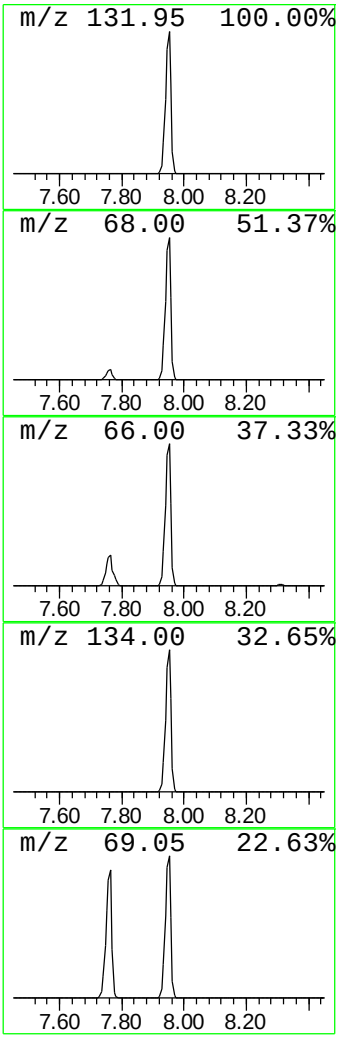
Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	78.22 ng	2958490	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





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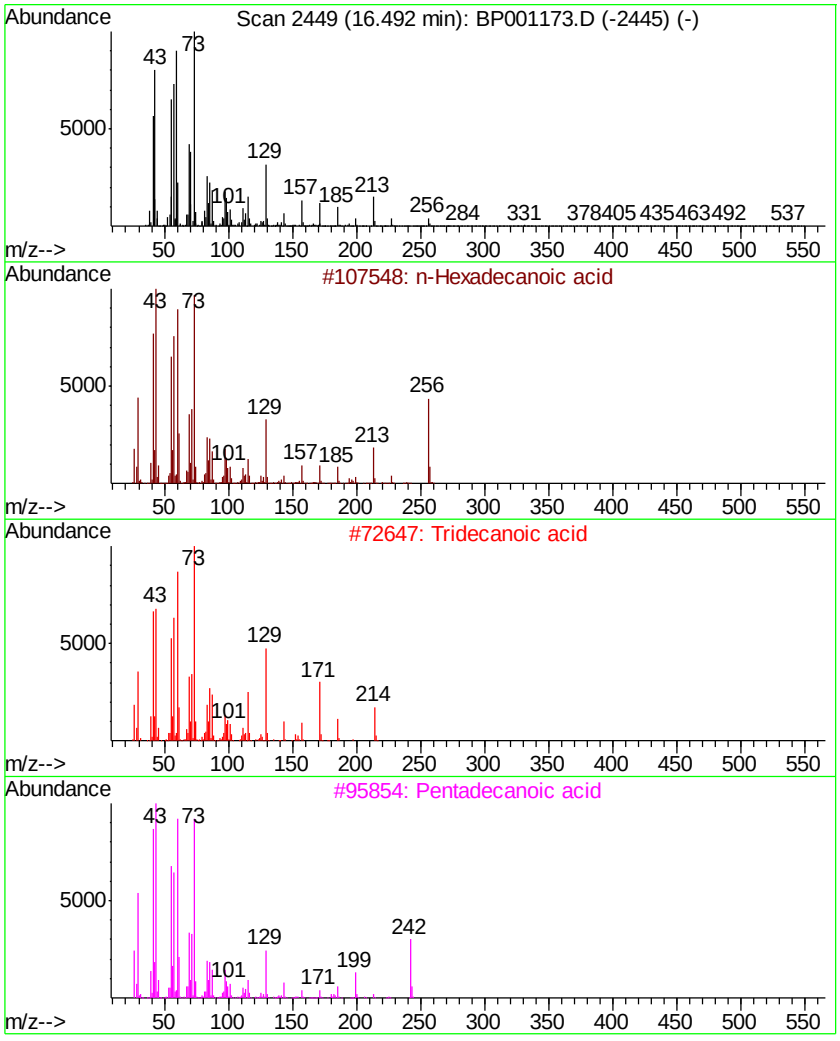
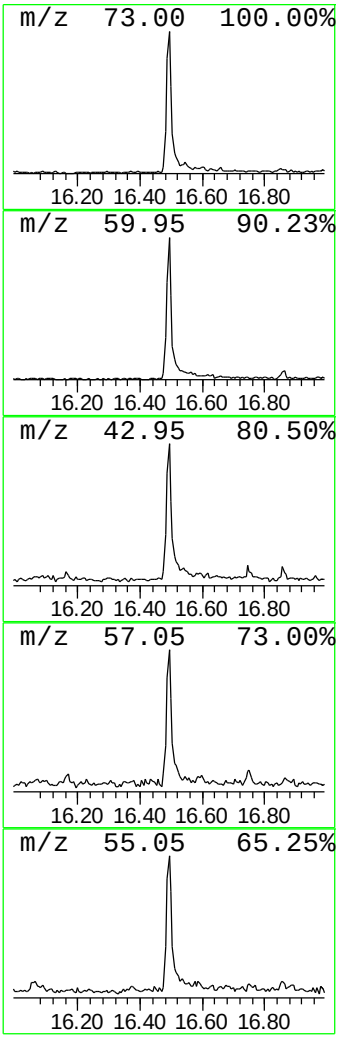
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.59 ng	149493	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





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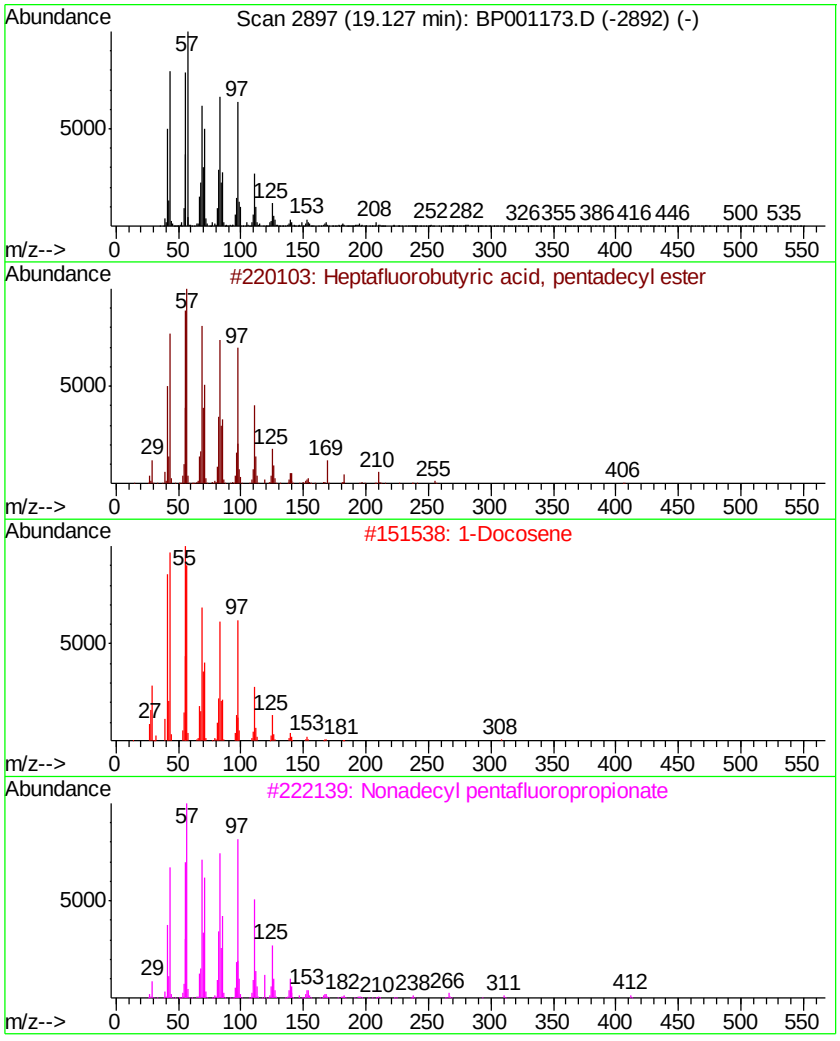
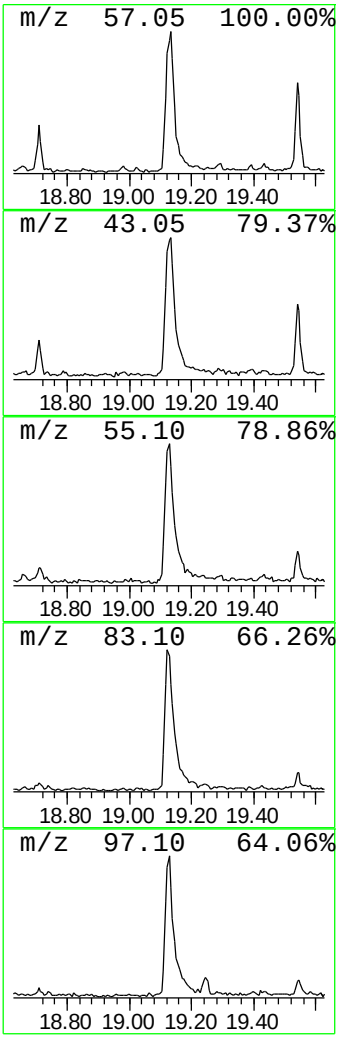
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	5.57 ng	295277	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	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
2-Pentanone, 4-hy...	5.63	16.2	ng	611443	1	8.31	756455	20.0
unknown7.95	7.95	78.2	ng	2958490	1	8.31	756455	20.0
n-Hexadecanoic acid	16.49	2.6	ng	149493	4	15.60	1156020	20.0
Heptafluorobutyri...	19.13	5.6	ng	295277	5	19.25	1059710	20.0