LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140676.D
Acq On : 27 Nov 2024 17:58
Operator : RC/JU
Sample : P5005-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

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_F\Methods\8270-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	20	rVB	794658	1240464	51.61%	7.358%
2	5.498	574	579	604	rBV	1379337	1871250	77.85%	11.100%
3	6.510	744	751	776	rBV	1396352	1996576	83.07%	11.844%
4	6.869	807	812	819	rBV	394444	477572	19.87%	2.833%
5	7.434	902	908	918	rBV	944434	1259543	52.40%	7.472%
6	7.687	946	951	963	rBV	26957	49244	2.05%	0.292%
7	8.151	1024	1030	1043	rBV	469387	624827	26.00%	3.706%
8	9.222	1207	1212	1222	rBV	1865806	2403582	100.00%	14.258%
9	9.904	1323	1328	1343	rVB	554350	723617	30.11%	4.293%
10	10.616	1444	1449	1456	rBV	279904	369165	15.36%	2.190%
11	10.698	1458	1463	1476	rVV	1023982	1362382	56.68%	8.082%
12	10.810	1477	1482	1488	rVB	27740	50466	2.10%	0.299%
13	10.928	1498	1502	1509	rVB	17648	24865	1.03%	0.147%
14	11.398	1576	1582	1590	rBV	465865	692386	28.81%	4.107%
15	11.916	1665	1670	1682	rBV3	80113	159019	6.62%	0.943%
16	12.016	1683	1687	1695	rVB2	12936	24084	1.00%	0.143%
17	12.610	1784	1788	1794	rBV	105183	138539	5.76%	0.822%
18	12.839	1821	1827	1834	rBV	89339	137948	5.74%	0.818%
19	12.980	1845	1851	1856	rBV	1499509	1895675	78.87%	11.245%
20	13.880	1999	2004	2015	rVB3	47833	112583	4.68%	0.668%
21	14.045	2022	2032	2045	rBV2	378405	652583	27.15%	3.871%
22	15.098	2207	2211	2219	rBV	42876	108142	4.50%	0.642%
23	15.410	2260	2264	2270	rVB	24315	37412	1.56%	0.222%
24	15.474	2271	2275	2279	rVV	28352	44964	1.87%	0.267%
25	15.533	2280	2285	2301	rVB	231635	400741	16.67%	2.377%

Sum of corrected areas: 16857629

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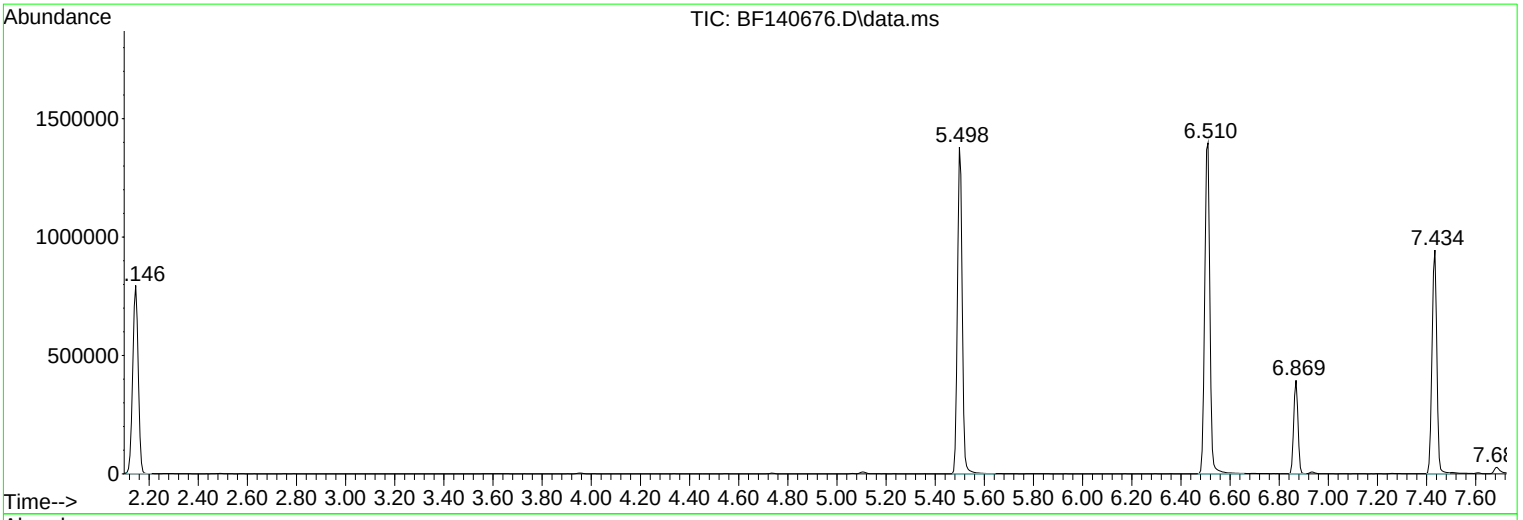
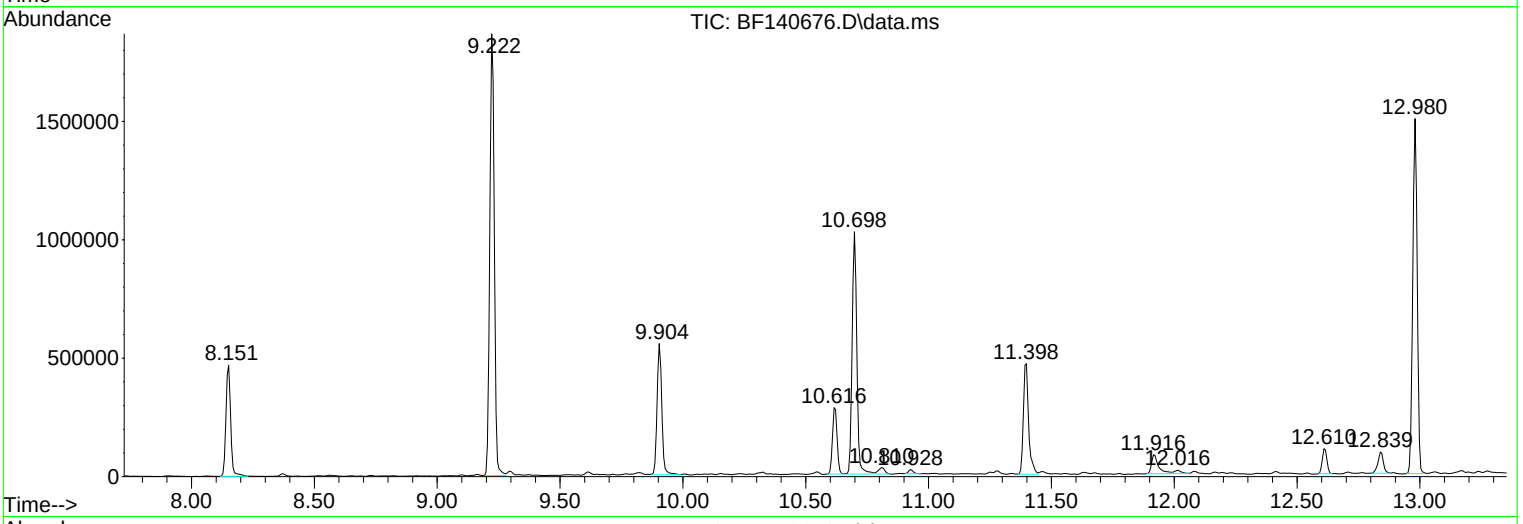
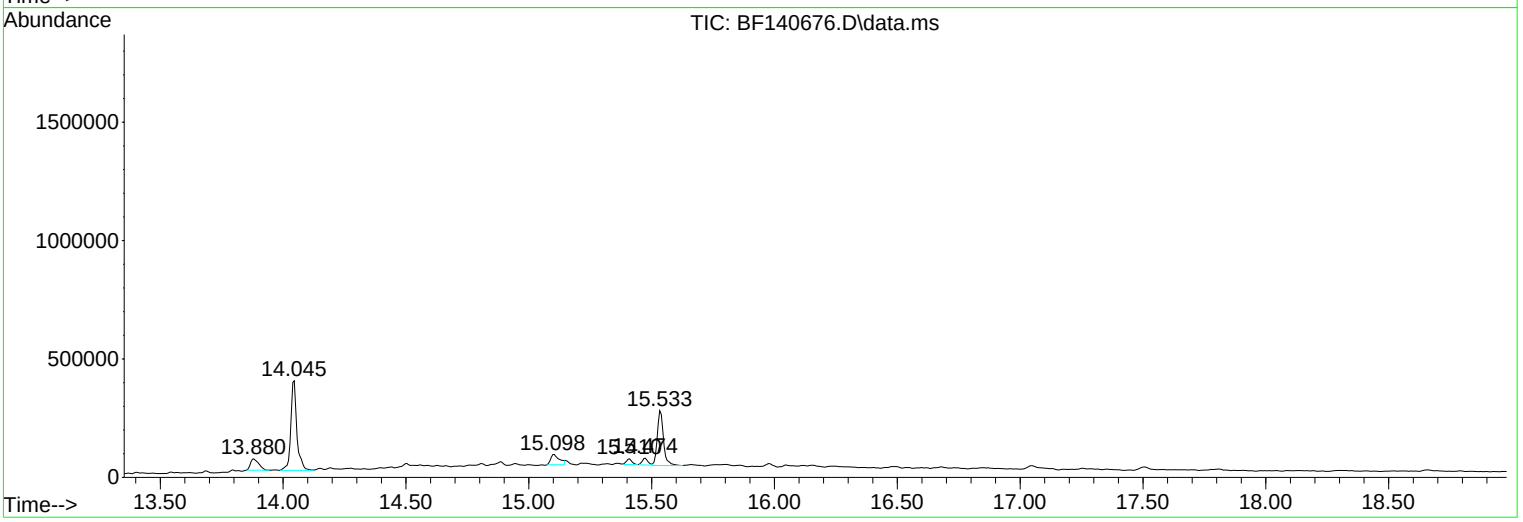
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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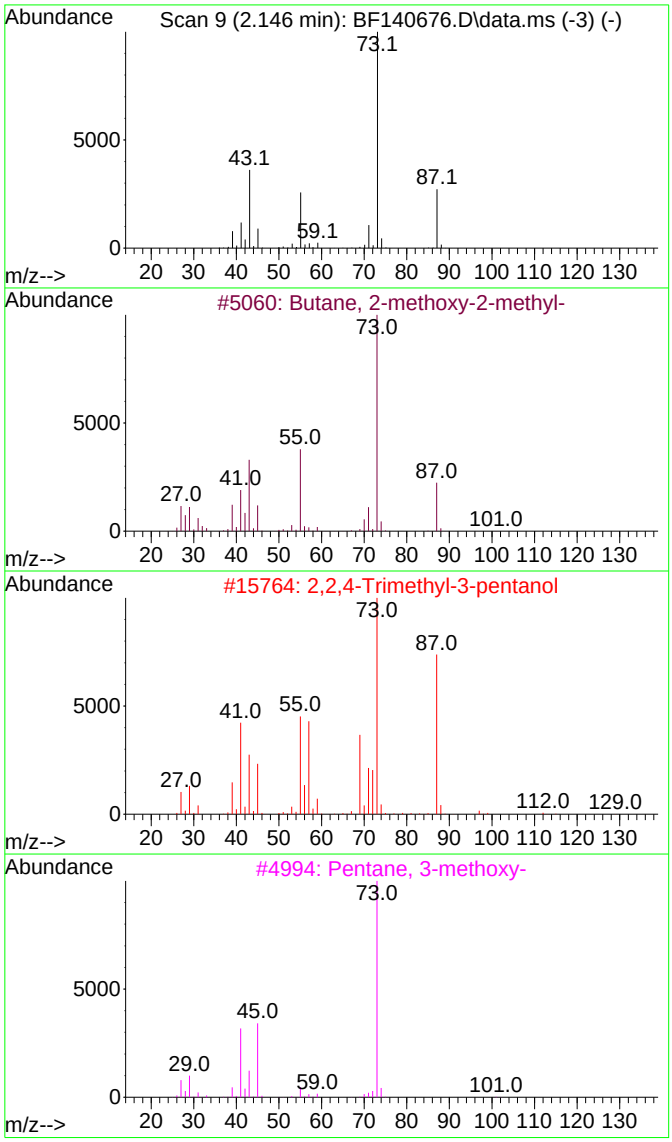
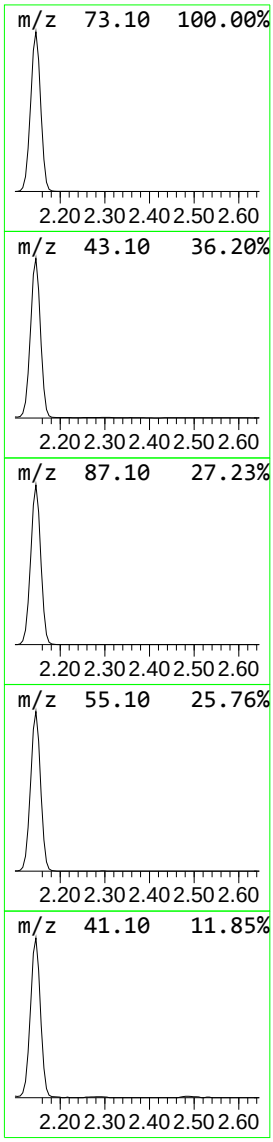
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	51.95 ng	1240460	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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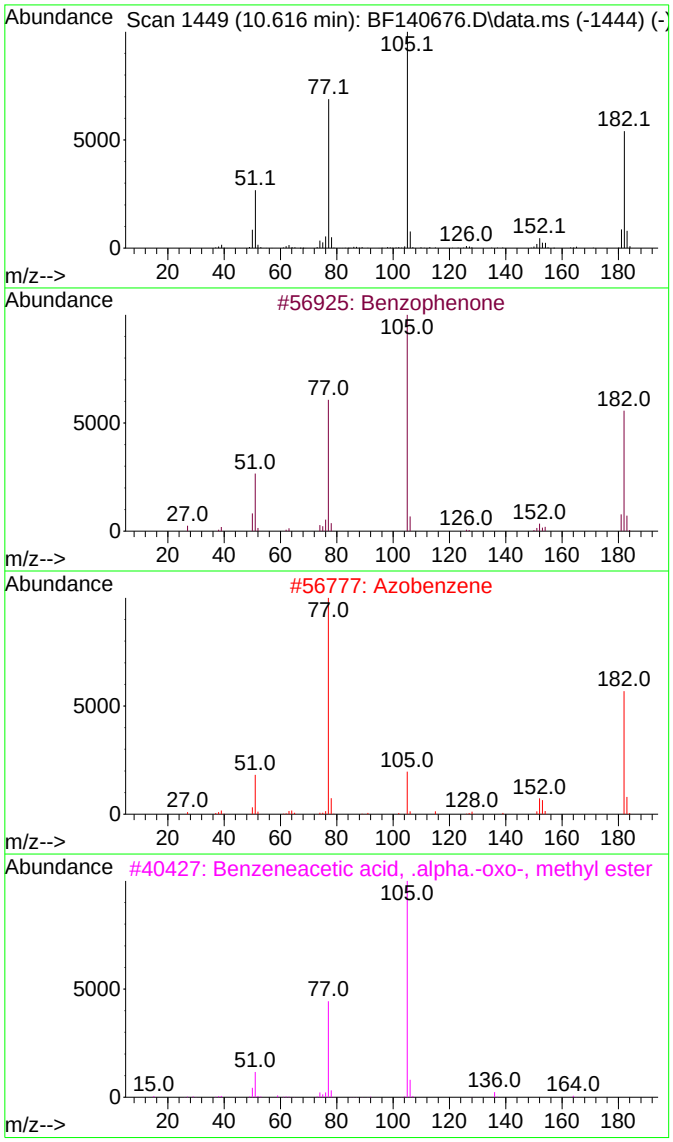
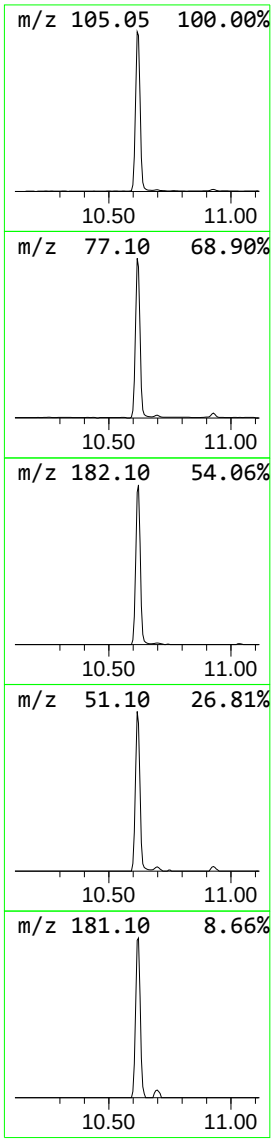
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	10.20 ng	369165	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	53
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47





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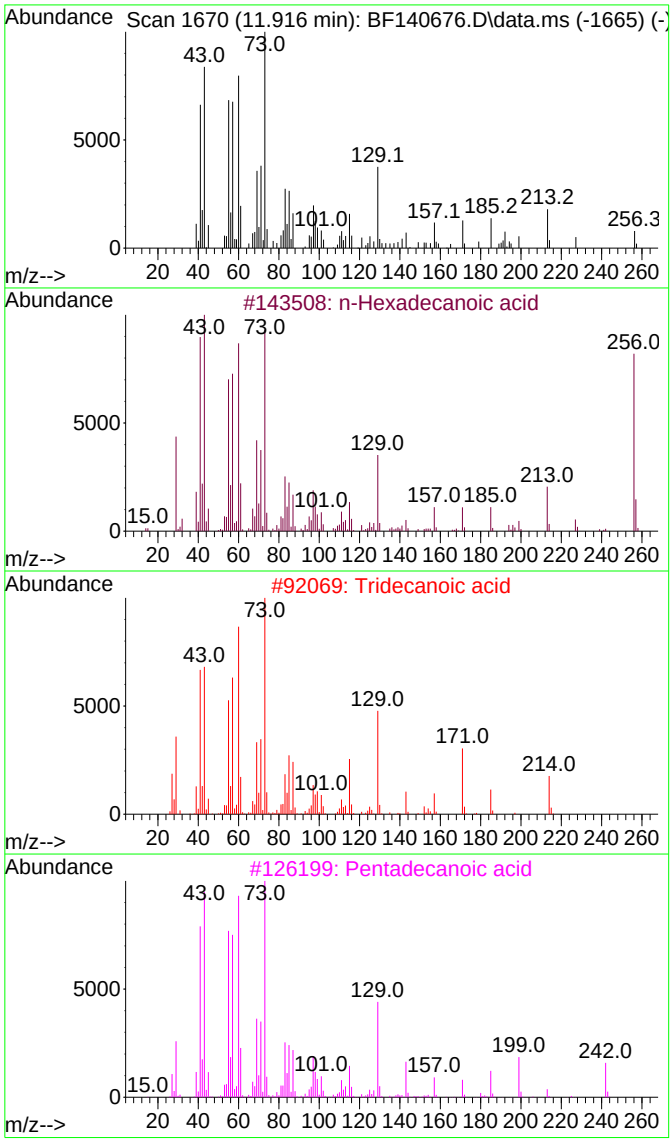
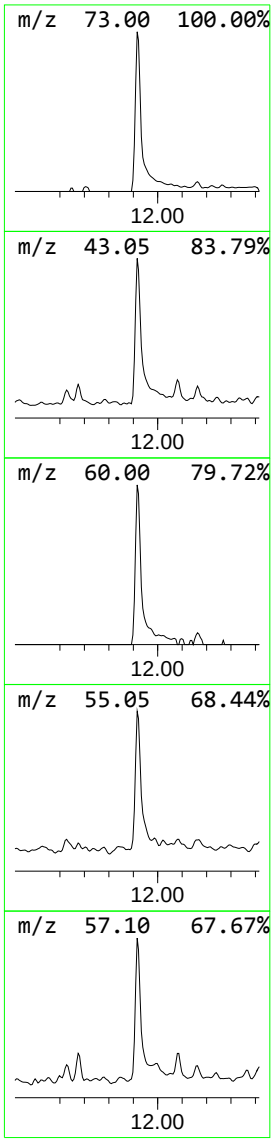
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.59 ng	159019	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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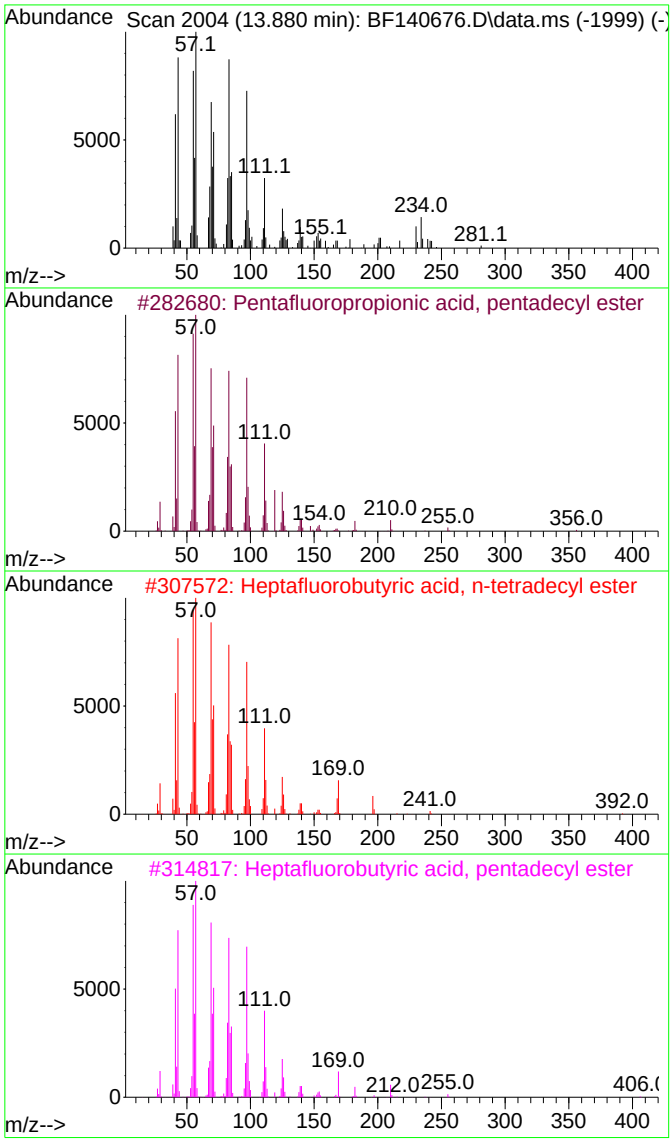
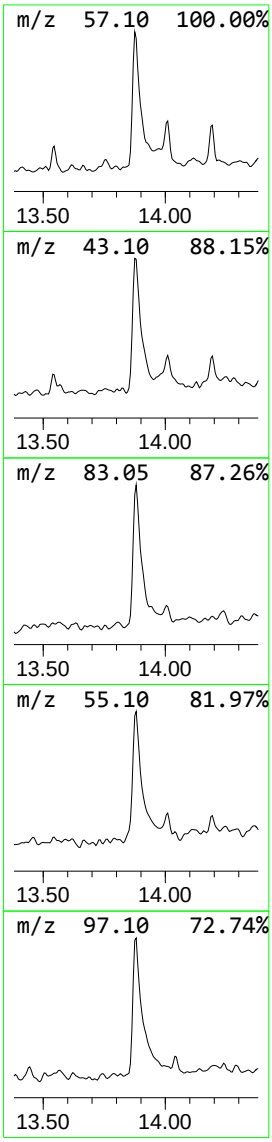
****
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.45 ng	112583	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	52.0	ng	1240460	1	6.869	477572	20.0
Benzophenone	10.616	10.2	ng	369165	3	9.904	723617	20.0
n-Hexadecanoic ...	11.916	4.6	ng	159019	4	11.398	692386	20.0
Pentafluoroprop...	13.880	3.5	ng	112583	5	14.045	652583	20.0