LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134918.D
Acq On : 24 Aug 2023 11:57
Operator : CG\JU
Sample : 04091-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-F

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134918.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	494	498	508	rVB	91010	99751	5.40%	0.499%
2	5.422	563	567	570	rBV	1878287	1623345	87.82%	8.114%
3	6.428	734	738	741	rBV	1974144	1660440	89.83%	8.299%
4	6.622	768	771	776	rBV	33794	33707	1.82%	0.168%
5	6.793	796	800	804	rBV	1623124	1282661	69.39%	6.411%
6	7.351	891	895	898	rBV	1233591	1037616	56.14%	5.186%
7	8.075	1013	1018	1021	rBV	1772555	1685172	91.17%	8.423%
8	9.151	1196	1201	1204	rBV	2221016	1848398	100.00%	9.239%
9	9.269	1217	1221	1224	rBV2	23951	21869	1.18%	0.109%
10	9.834	1312	1317	1320	rBV	1924081	1821916	98.57%	9.107%
11	10.034	1347	1351	1358	rBV2	18306	23561	1.27%	0.118%
12	10.245	1381	1387	1393	rVB	30507	36876	2.00%	0.184%
13	10.539	1433	1437	1441	rBV	23888	24086	1.30%	0.120%
14	10.622	1447	1451	1454	rBV	1454477	1175217	63.58%	5.874%
15	11.281	1559	1563	1566	rBV2	24257	24133	1.31%	0.121%
16	11.322	1566	1570	1574	rBV	1830301	1727360	93.45%	8.634%
17	11.857	1656	1661	1664	rBV	398958	444304	24.04%	2.221%
18	11.886	1664	1666	1675	rVB	68920	82225	4.45%	0.411%
19	12.539	1775	1777	1784	rBV2	20848	29382	1.59%	0.147%
20	12.651	1792	1796	1808	rBV	169193	230463	12.47%	1.152%
21	12.922	1838	1842	1845	rBV	1962266	1601542	86.64%	8.005%
22	13.157	1876	1882	1888	rBV2	21029	35631	1.93%	0.178%
23	13.469	1931	1935	1937	rBV2	20754	27204	1.47%	0.136%
24	13.504	1939	1941	1949	rVB2	30013	30862	1.67%	0.154%
25	13.833	1992	1997	2004	rBV3	114101	176754	9.56%	0.883%
26	13.980	2016	2022	2025	rBV	1467318	1434599	77.61%	7.171%
27	14.074	2034	2038	2043	rVB	147621	140842	7.62%	0.704%
28	14.151	2049	2051	2056	rVB	25857	28694	1.55%	0.143%
29	14.463	2100	2104	2110	rBV	39012	45159	2.44%	0.226%
30	14.621	2128	2131	2134	rVB	24314	22326	1.21%	0.112%
31	14.751	2150	2153	2154	rBV3	25292	23167	1.25%	0.116%
32	14.769	2154	2156	2160	rVB2	27892	32029	1.73%	0.160%
33	15.116	2212	2215	2219	rBV2	25999	32520	1.76%	0.163%
34	15.457	2267	2273	2278	rBV	1173786	1433103	77.53%	7.163%
35	15.951	2354	2357	2361	rBV3	21000	29822	1.61%	0.149%

LSC Area Percent Report

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20006736

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
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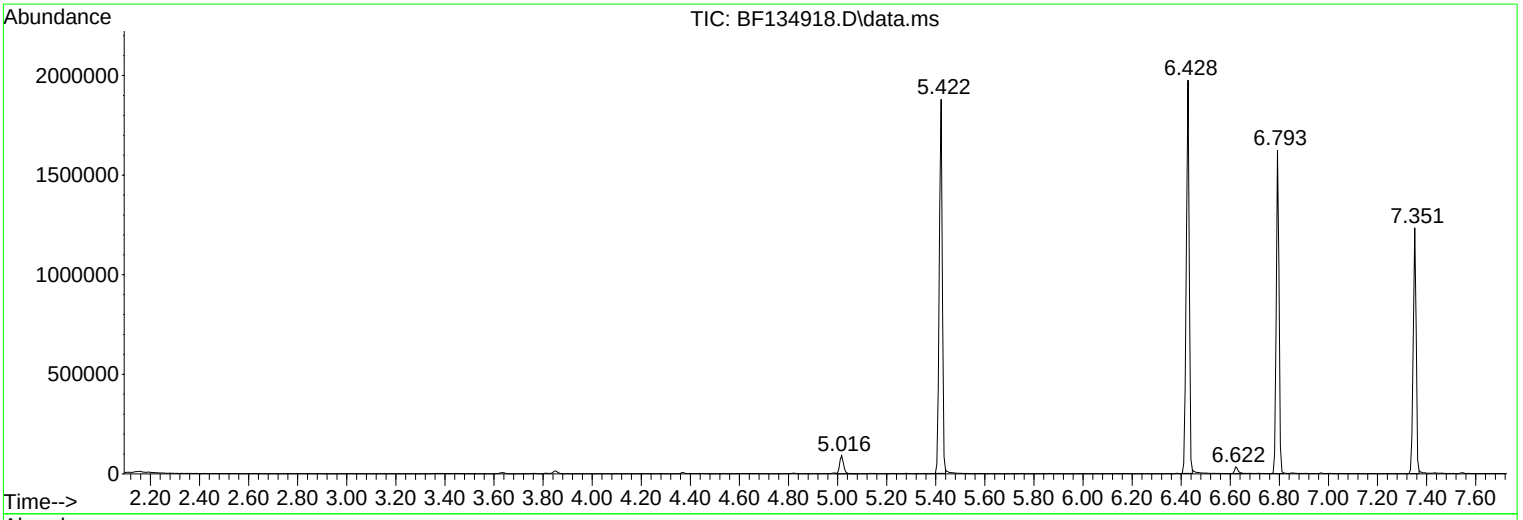
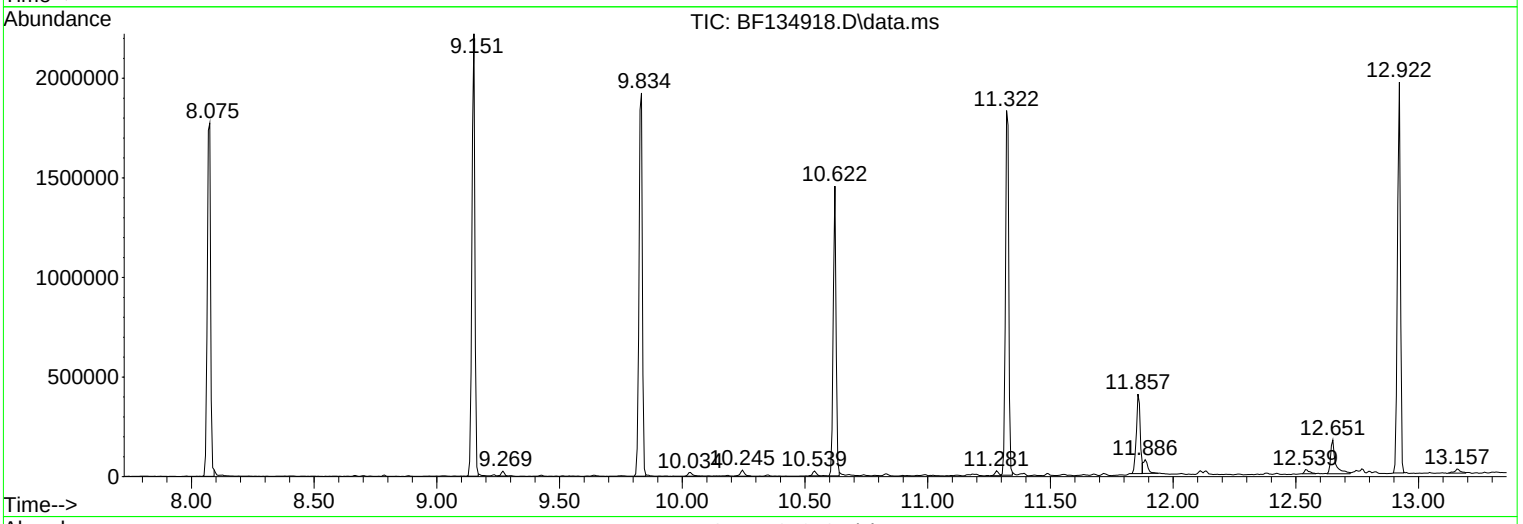
ALS Vial : 5 Sample Multiplier: 1

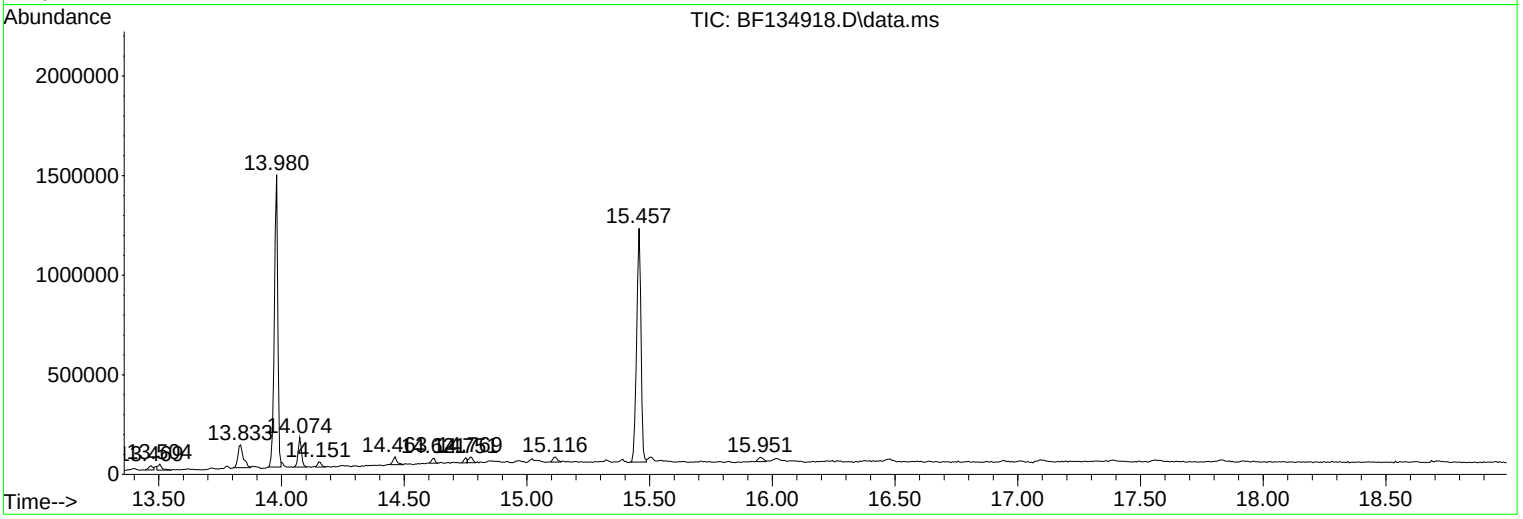
Instrument :
BNA_F
ClientSampleId :
TP-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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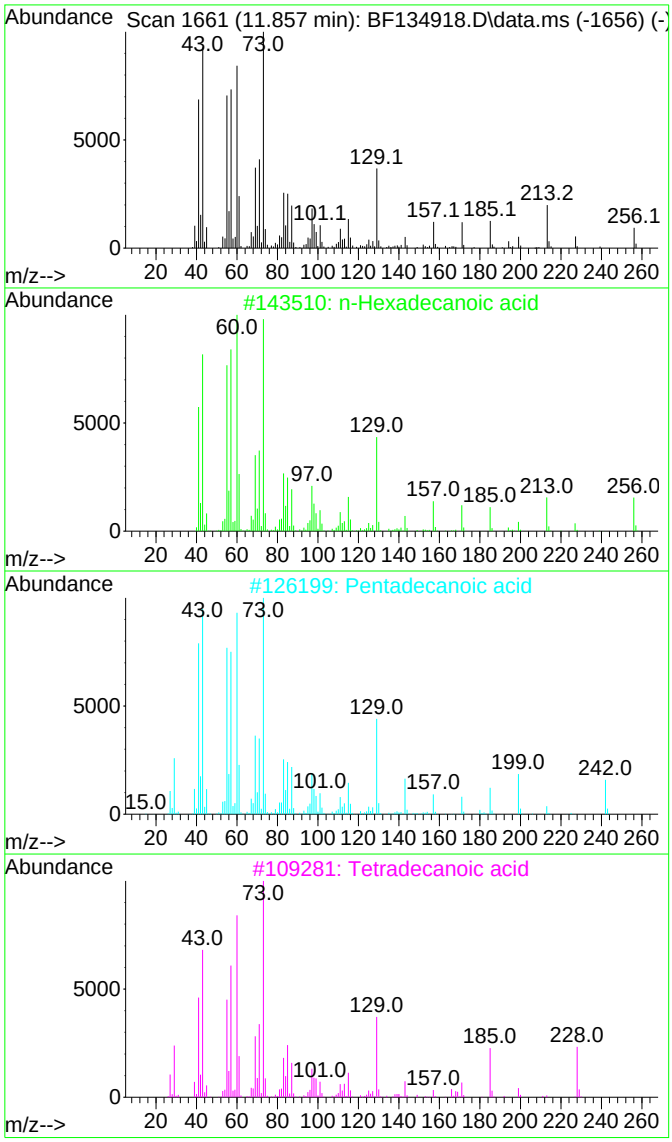
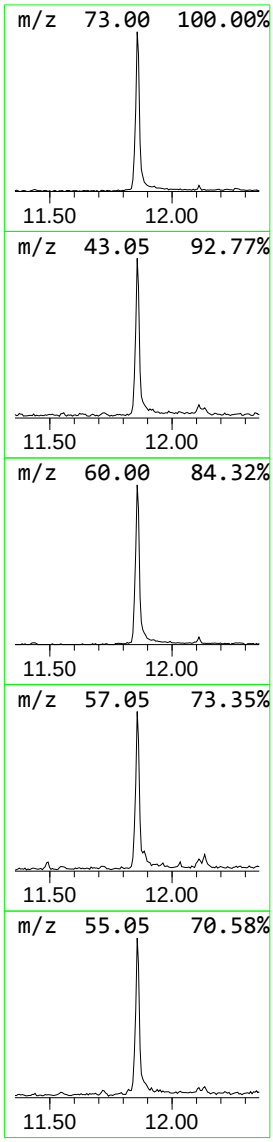
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.14 ng	444304	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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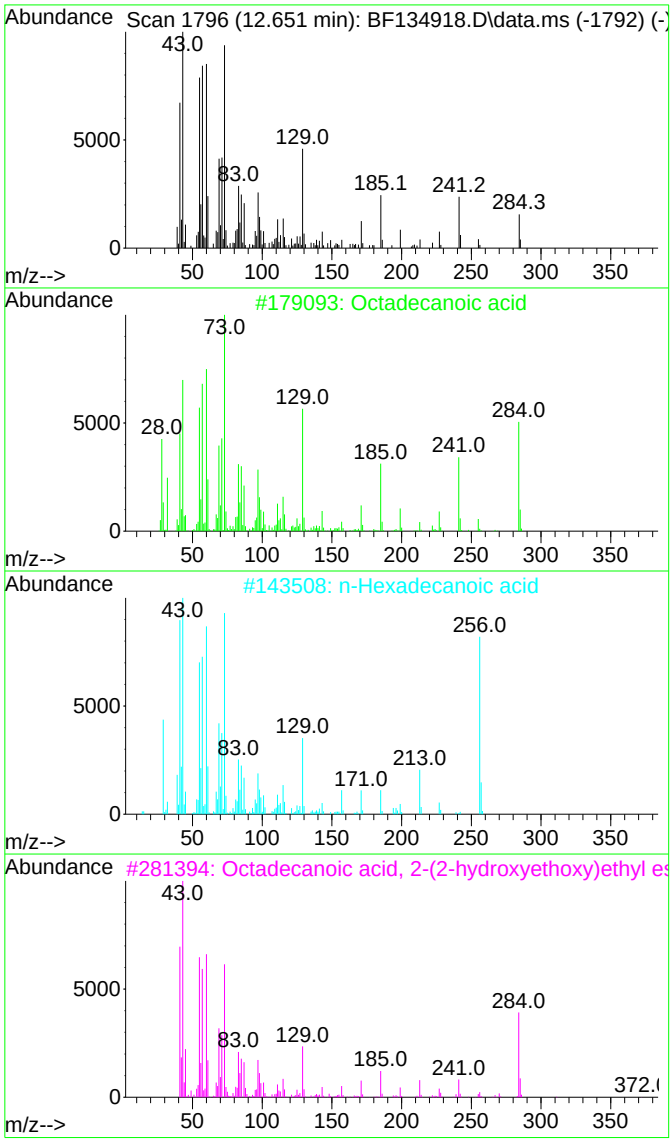
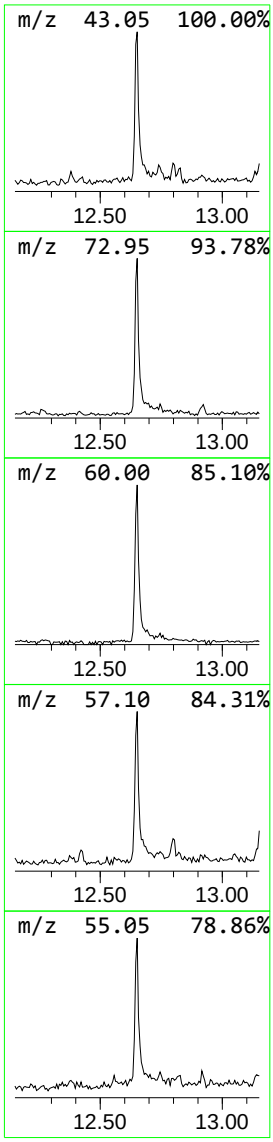
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	2.67 ng	230463	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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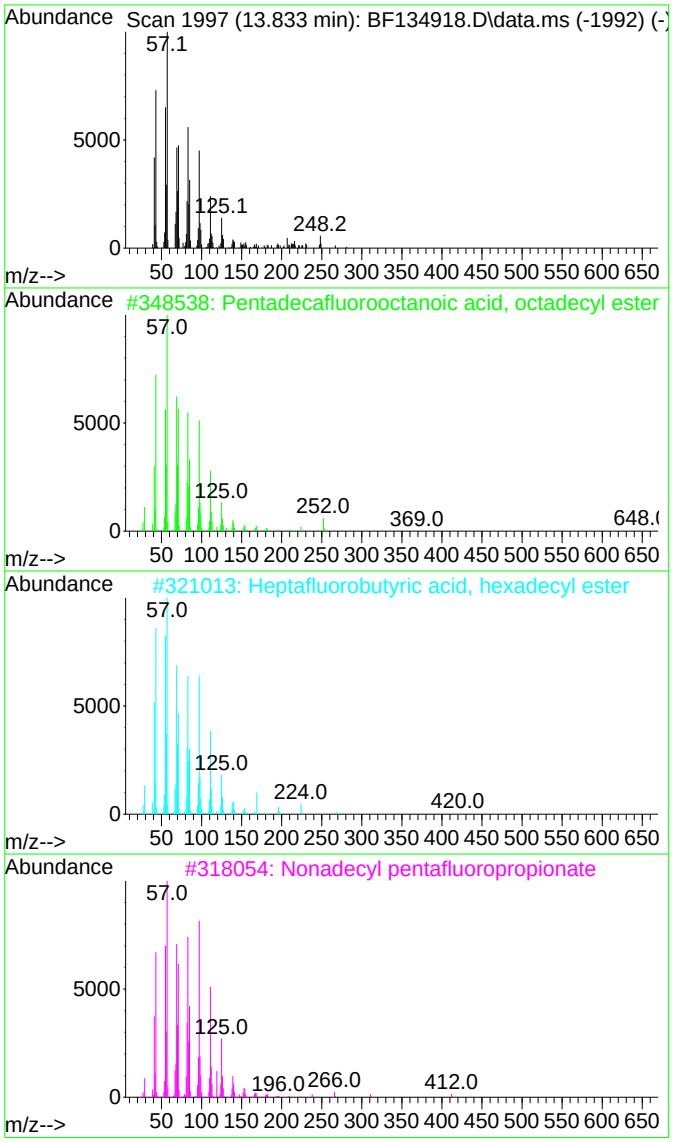
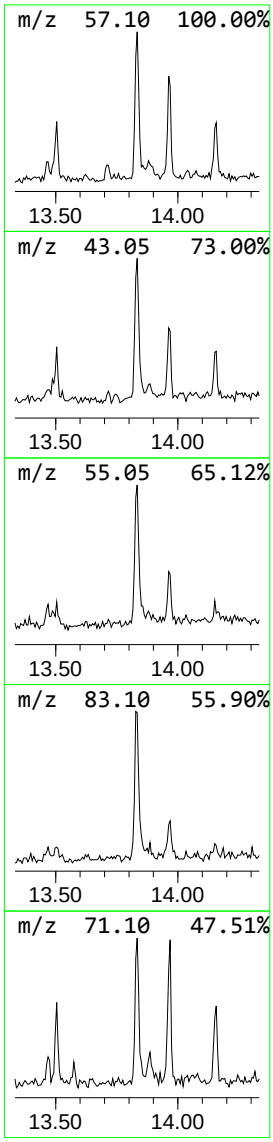
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	2.46 ng	176754	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
n-Hexadecanoic ...	11.857	5.1	ng	444304	4	11.328	1727360	20.0
Octadecanoic acid	12.651	2.7	ng	230463	4	11.328	1727360	20.0
Pentadecafluoro...	13.833	2.5	ng	176754	5	13.980	1434600	20.0