LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142975.D
Acq On : 02 Jul 2025 17:19
Operator : RC/JU
Sample : Q2458-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-59

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	482	491	503	rBV	59831	94359	7.62%	1.121%
2	5.487	555	560	576	rBV	697863	909815	73.46%	10.812%
3	6.498	727	732	747	rBV	693175	917989	74.12%	10.909%
4	6.869	790	795	804	rBV	266604	324860	26.23%	3.860%
5	7.434	885	891	904	rBV	468102	586324	47.34%	6.968%
6	8.157	1009	1014	1033	rBV	341570	423067	34.16%	5.027%
7	9.228	1191	1196	1202	rBV	972382	1238598	100.00%	14.719%
8	9.910	1307	1312	1323	rVB	390172	488370	39.43%	5.804%
9	10.627	1429	1434	1441	rVB	123050	155928	12.59%	1.853%
10	10.704	1441	1447	1462	rBV	598124	766991	61.92%	9.114%
11	11.404	1560	1566	1573	rBV	387868	503749	40.67%	5.986%
12	11.757	1621	1626	1632	rBV	49339	58016	4.68%	0.689%
13	11.921	1649	1654	1668	rBV3	36574	67119	5.42%	0.798%
14	12.986	1830	1835	1840	rBV	905865	1142277	92.22%	13.574%
15	13.886	1981	1988	2006	rBV	36744	98087	7.92%	1.166%
16	14.045	2010	2015	2024	rVB	230057	308659	24.92%	3.668%
17	15.539	2263	2269	2279	rBV	201190	314238	25.37%	3.734%
18	17.203	2547	2552	2559	rVB7	8277	16647	1.34%	0.198%

Sum of corrected areas: 8415093

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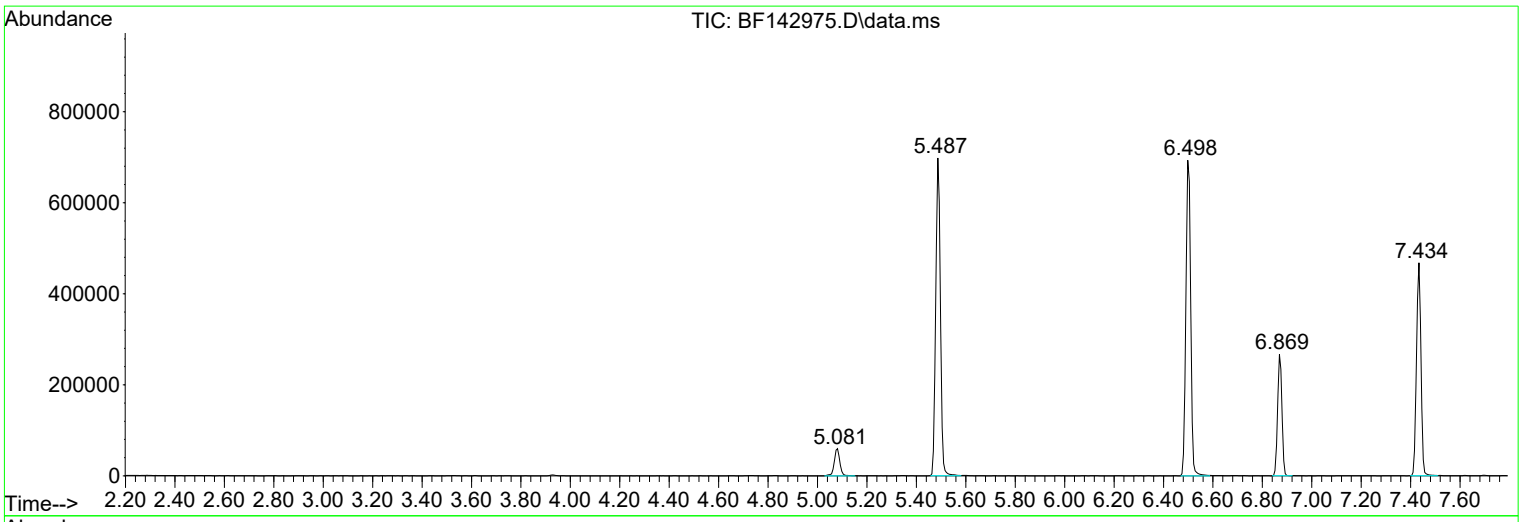
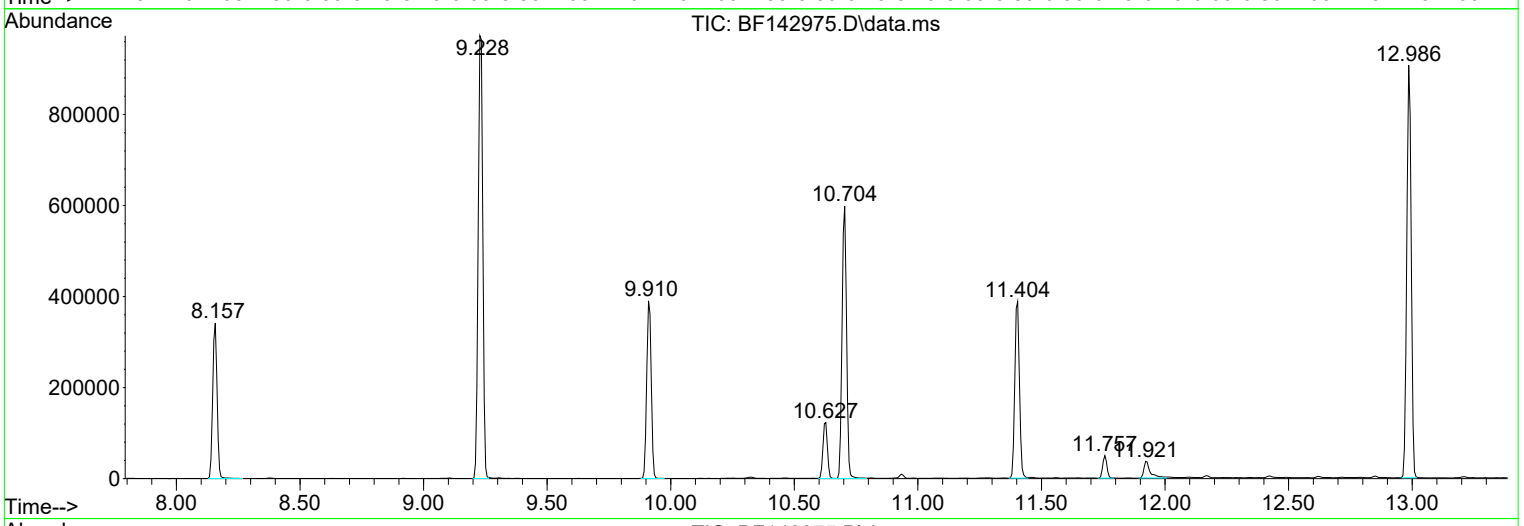
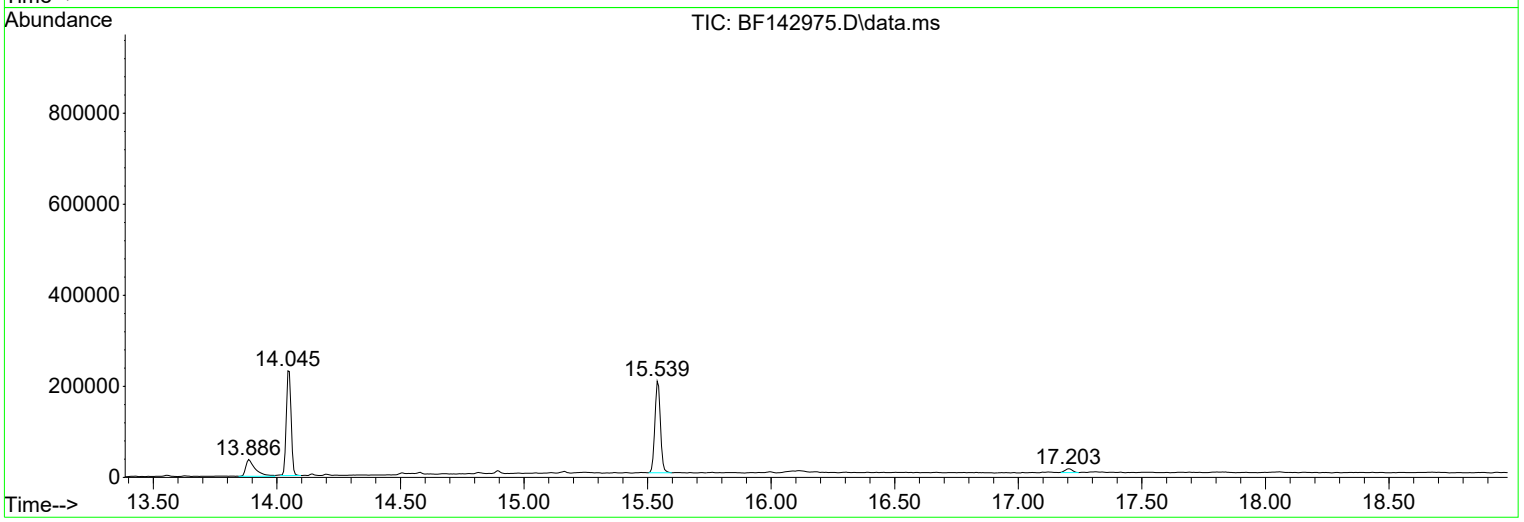
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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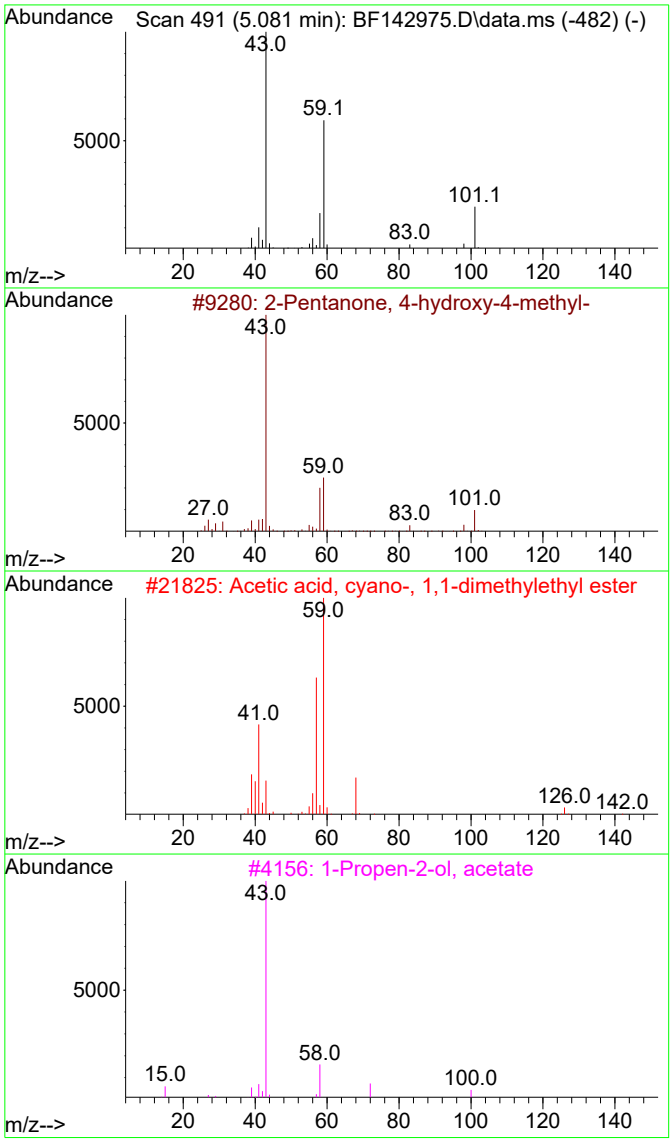
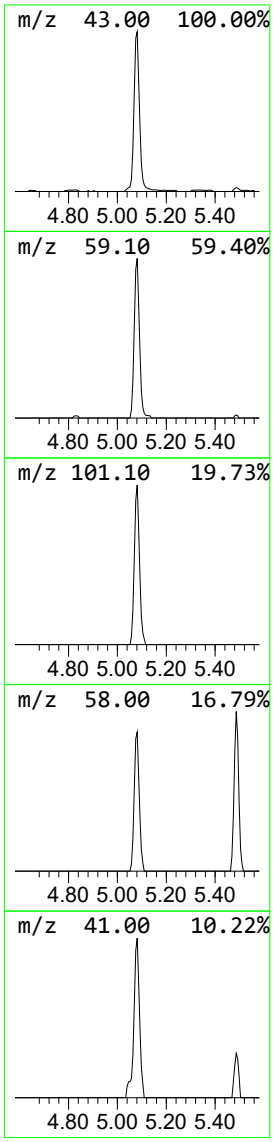
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.81 ng	94359	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
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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TIC Library : C:\Database\NIST20.L
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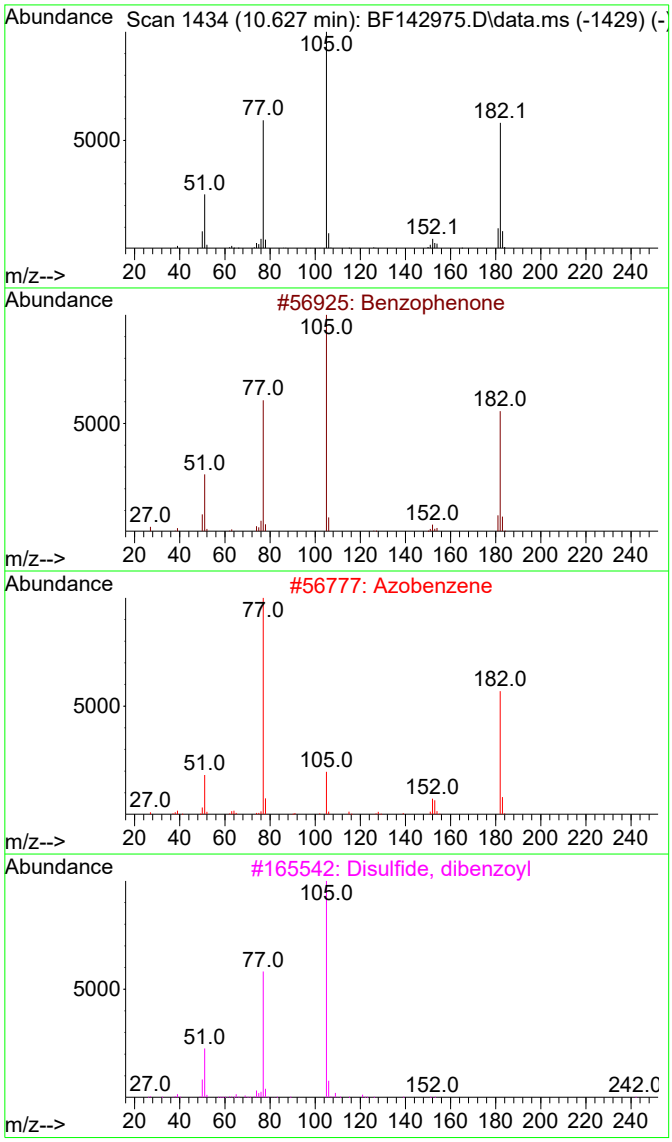
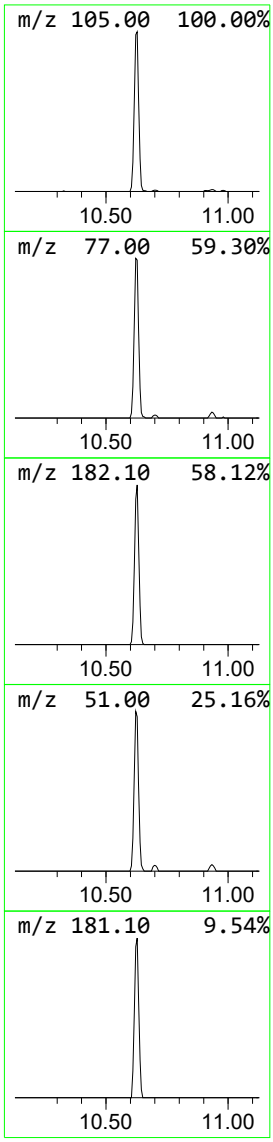
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	6.39 ng	155928	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





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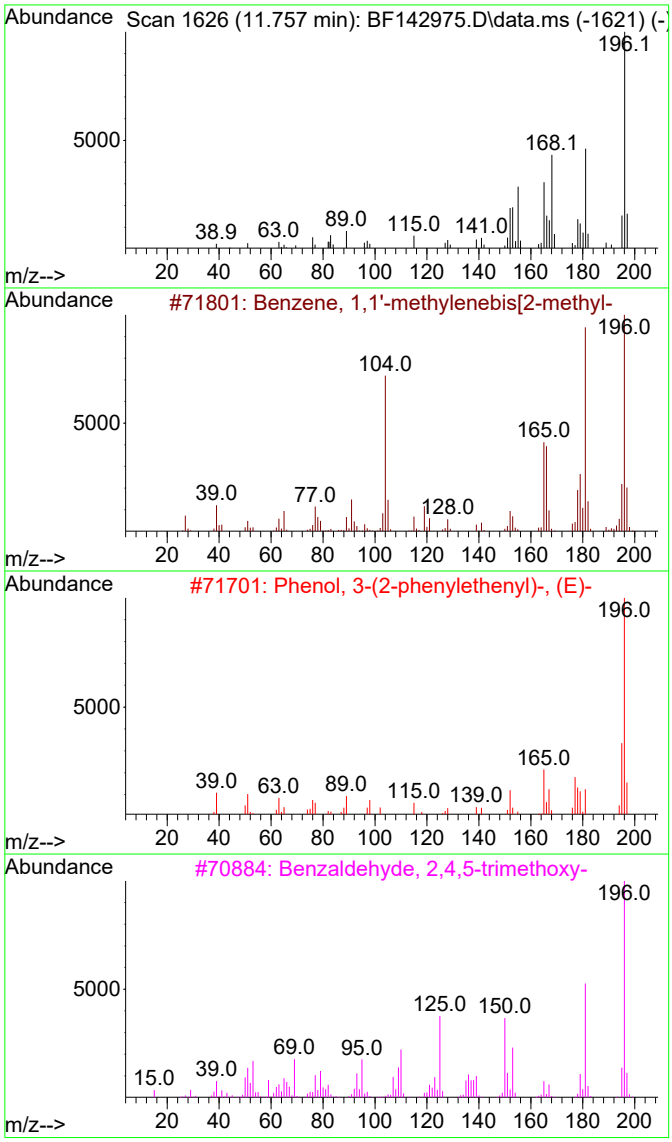
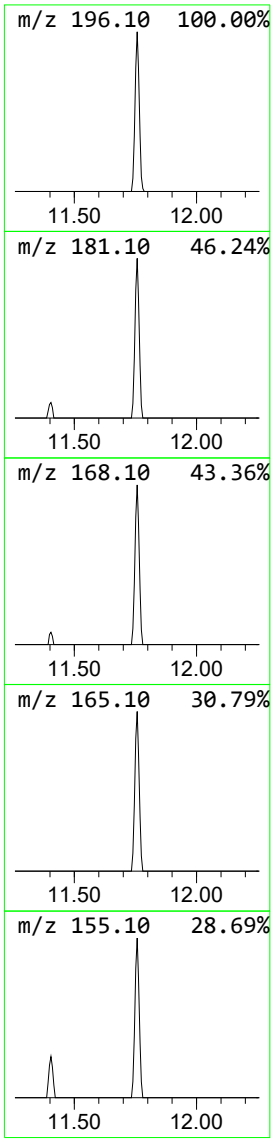
****
Peak Number 3 Benzene, 1,1'-methylenebis[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	2.30 ng	58016	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	60
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	55
3	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	52
4	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	49
5	Benzaldehyde, 2,3,4-trimethoxy-	196	C10H12O4	002103-57-3	47





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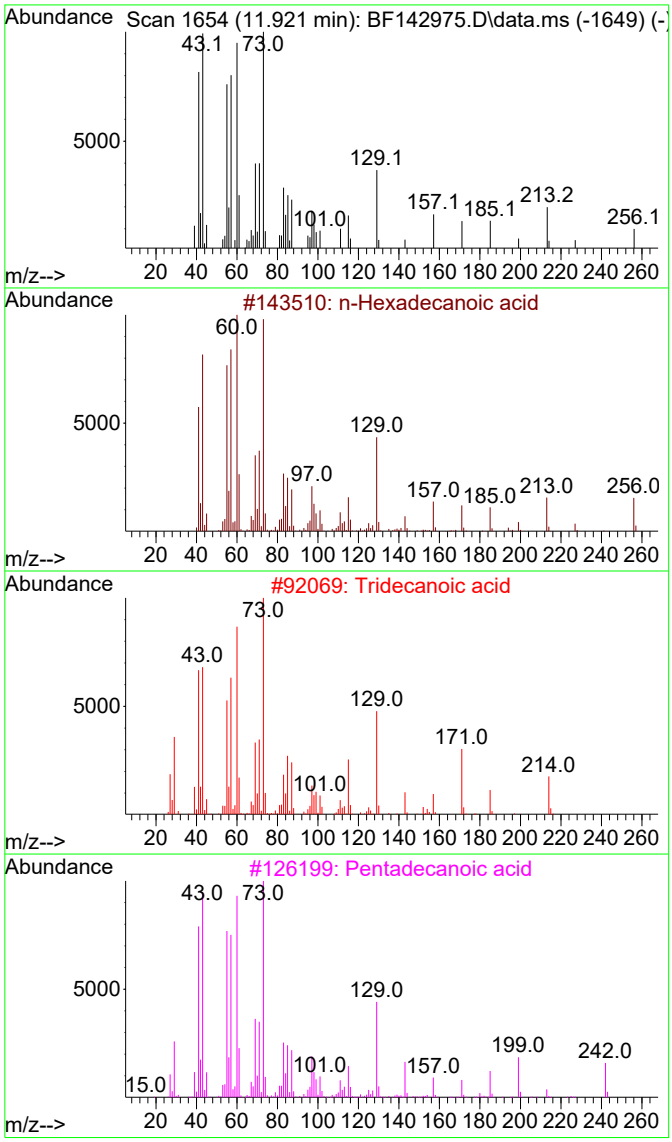
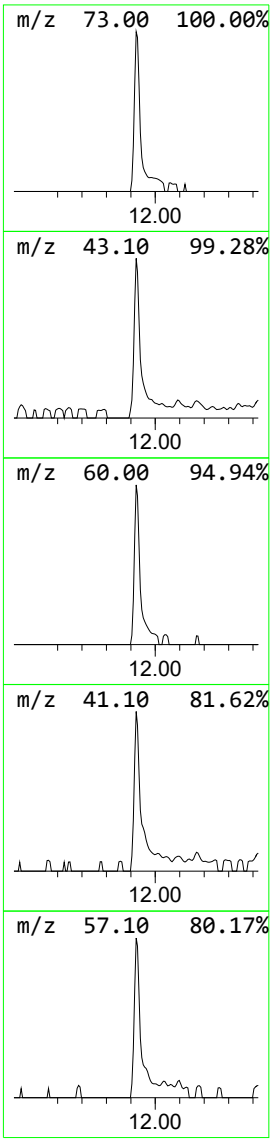
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.66 ng	67119	Phenanthrene-d10	11.404

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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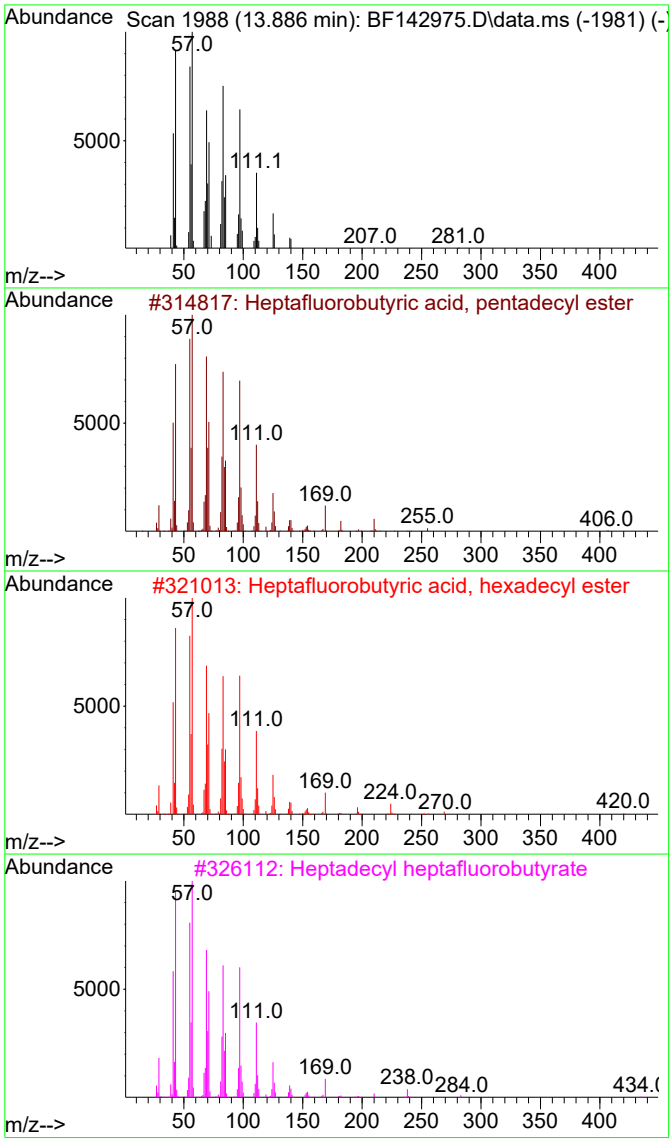
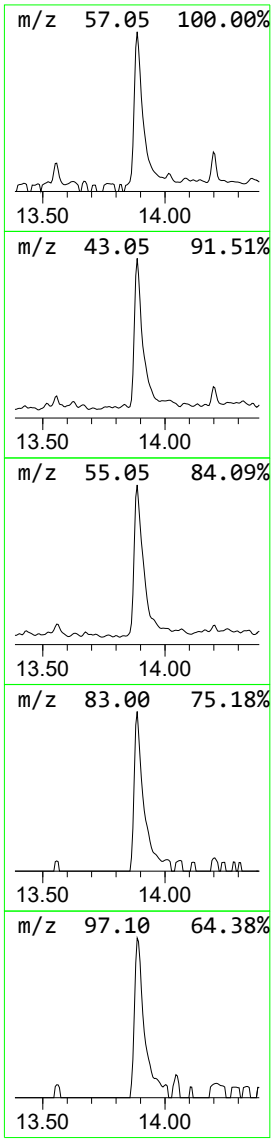
****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	6.36 ng	98087	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	5.8	ng	94359	1	6.869	324860	20.0
Benzophenone	10.627	6.4	ng	155928	3	9.910	488370	20.0
Benzene, 1,1'-m...	11.757	2.3	ng	58016	4	11.404	503749	20.0
n-Hexadecanoic ...	11.922	2.7	ng	67119	4	11.404	503749	20.0
Heptafluorobuty...	13.886	6.4	ng	98087	5	14.051	308659	20.0