LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142426.D
Acq On : 16 May 2025 14:46
Operator : RC/JU
Sample : Q2048-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L2-WC-3

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	487	495	505	rBV	126841	180185	10.15%	1.307%
2	5.510	558	564	569	rBV	1071360	1403977	79.05%	10.183%
3	6.516	729	735	740	rBV	1203099	1519699	85.57%	11.023%
4	6.898	795	800	805	rBV	510936	629148	35.43%	4.563%
5	7.457	890	895	900	rBV	773952	948417	53.40%	6.879%
6	7.710	934	938	950	rVB	18310	27048	1.52%	0.196%
7	8.181	1013	1018	1031	rBV	645445	813545	45.81%	5.901%
8	9.257	1195	1201	1210	rBV	1424620	1775968	100.00%	12.882%
9	9.933	1311	1316	1328	rVB	689120	873813	49.20%	6.338%
10	10.645	1432	1437	1445	rBV	188576	233762	13.16%	1.696%
11	10.722	1445	1450	1464	rVV	839842	1056312	59.48%	7.662%
12	11.422	1564	1569	1576	rBV	679208	844358	47.54%	6.124%
13	11.945	1652	1658	1671	rBV2	98678	171142	9.64%	1.241%
14	12.727	1787	1791	1804	rBV4	13702	29253	1.65%	0.212%
15	13.010	1833	1839	1844	rBV	1316192	1726963	97.24%	12.526%
16	13.910	1987	1992	2009	rBV	60940	139616	7.86%	1.013%
17	14.063	2012	2018	2028	rVB	460572	597305	33.63%	4.332%
18	14.551	2094	2101	2110	rBV5	23307	73493	4.14%	0.533%
19	15.551	2265	2271	2286	rBV	471412	742884	41.83%	5.388%

Sum of corrected areas: 13786888

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Misc :
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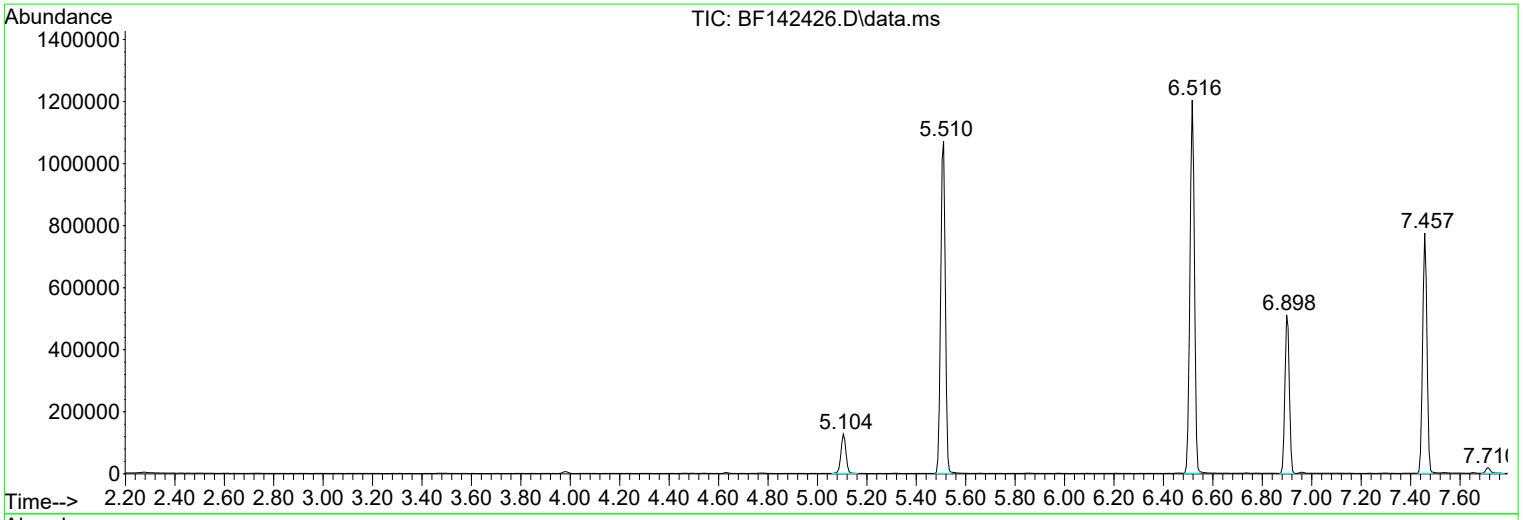
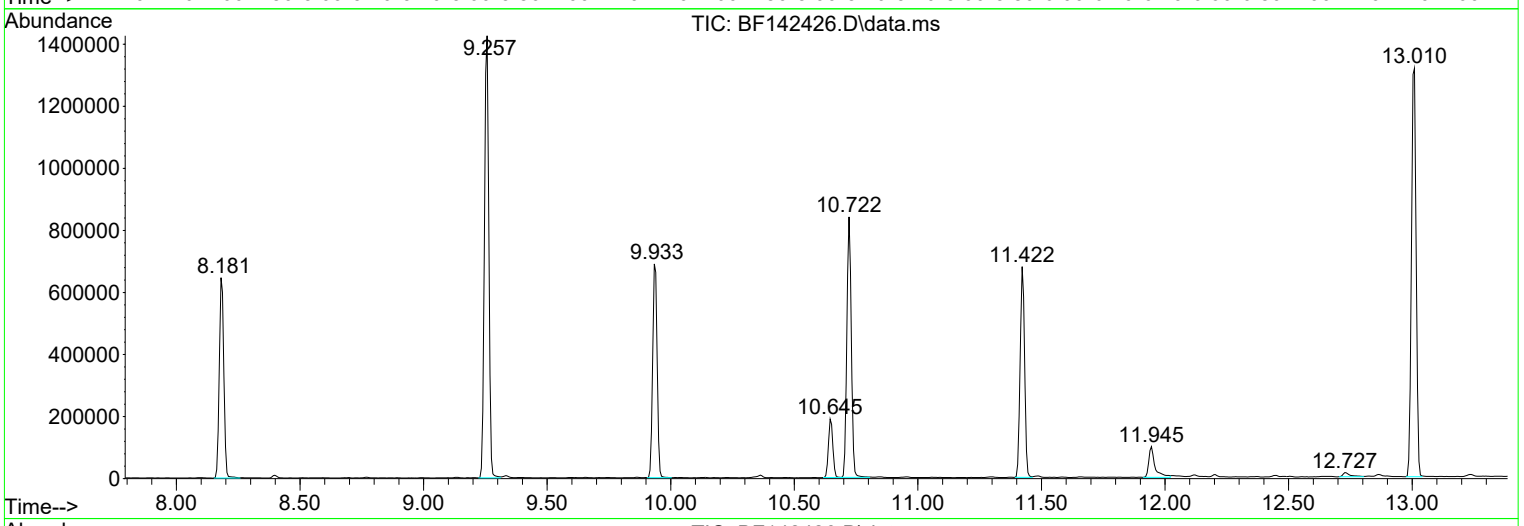
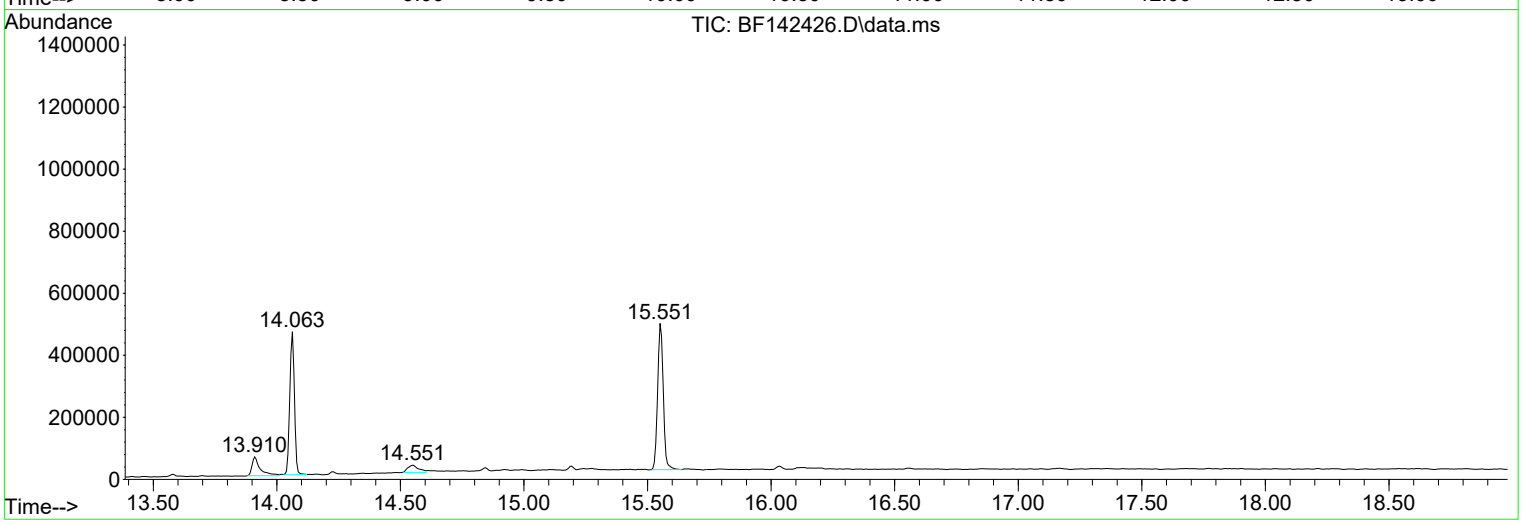
Instrument :
BNA_F
ClientSampleId :
L2-WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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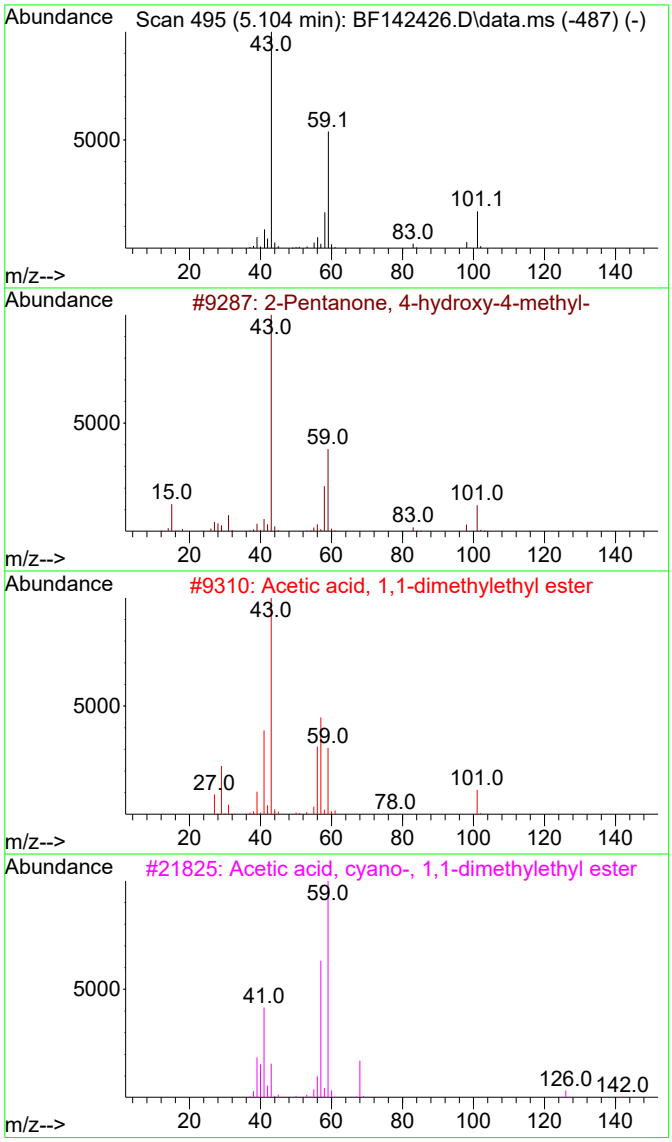
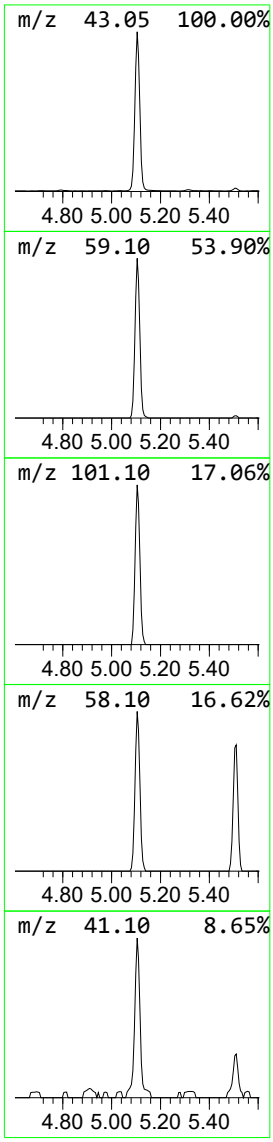
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	5.73 ng	180185	1,4-Dichlorobenzene-d4	6.898

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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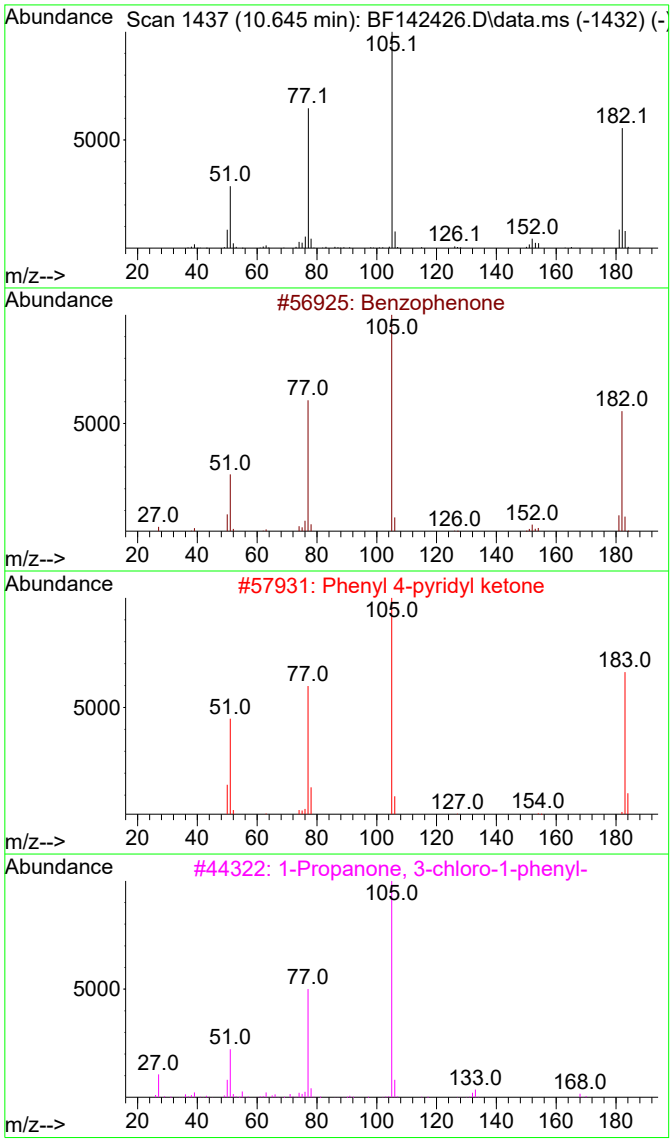
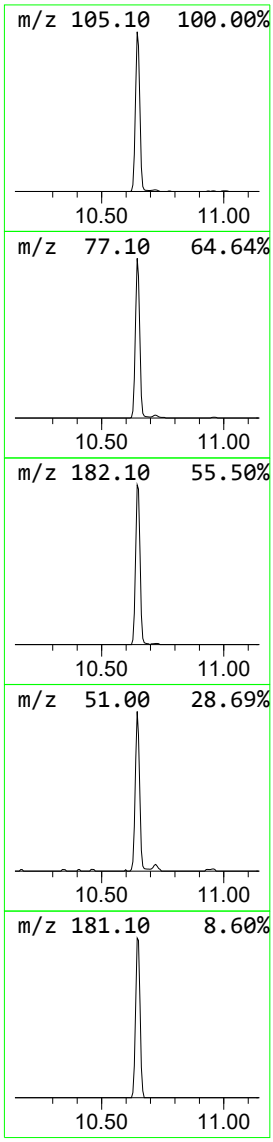
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	5.35 ng	233762	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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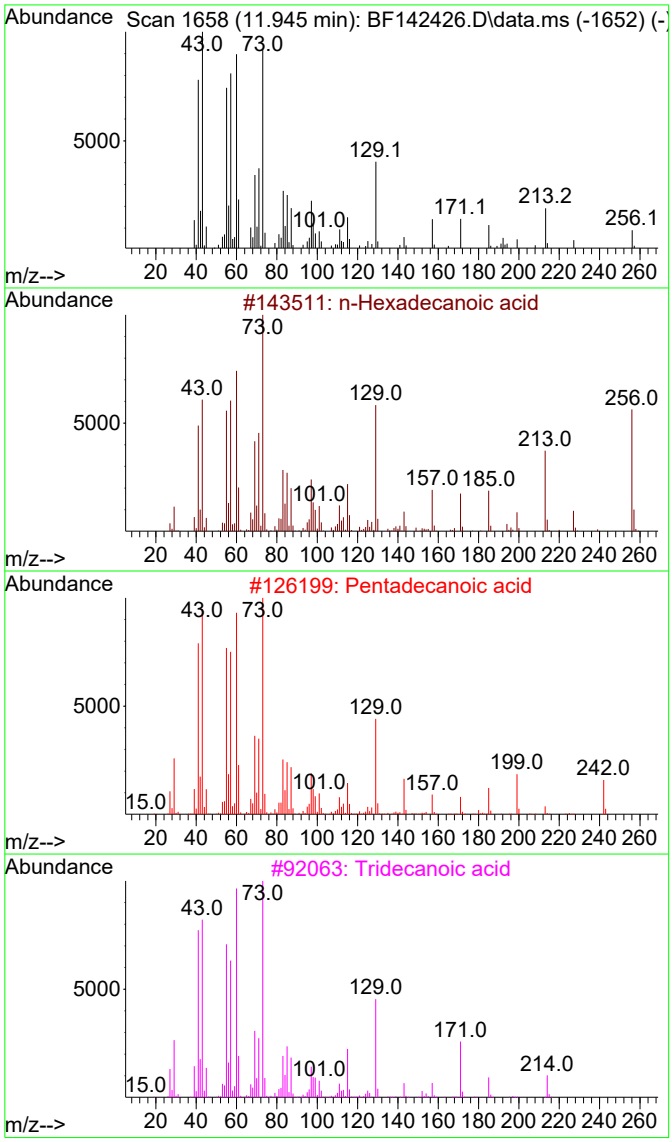
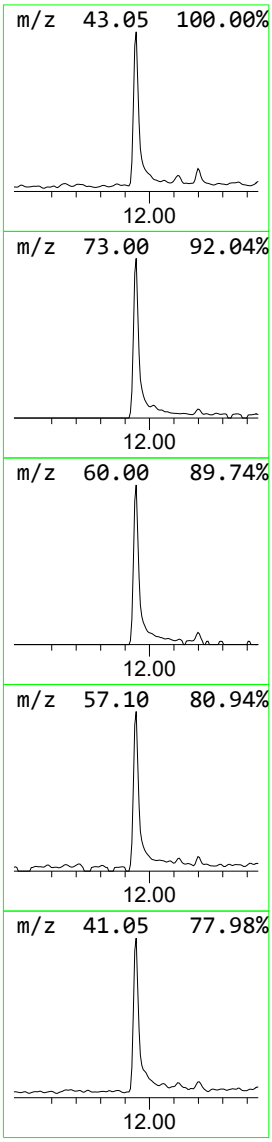
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.05 ng	171142	Phenanthrene-d10	11.422

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	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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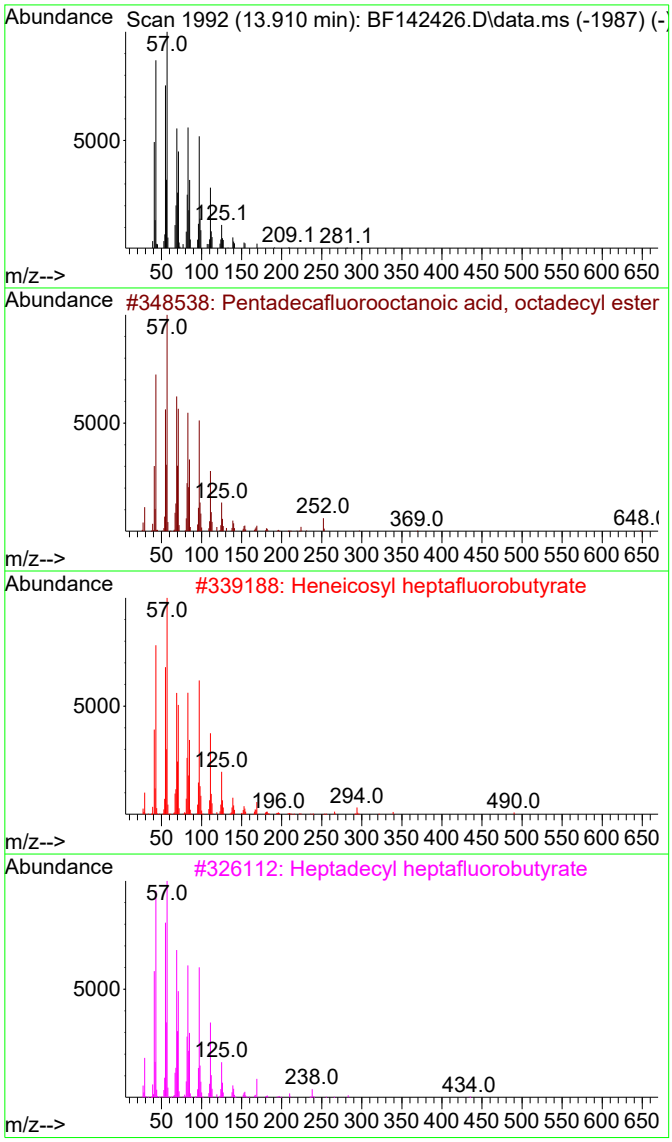
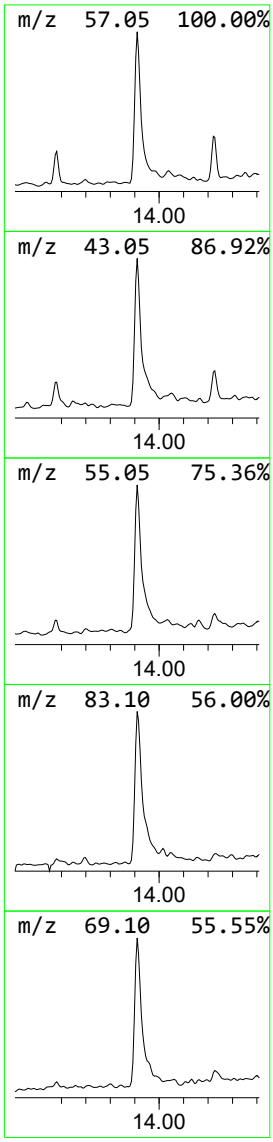
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	4.67 ng	139616	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





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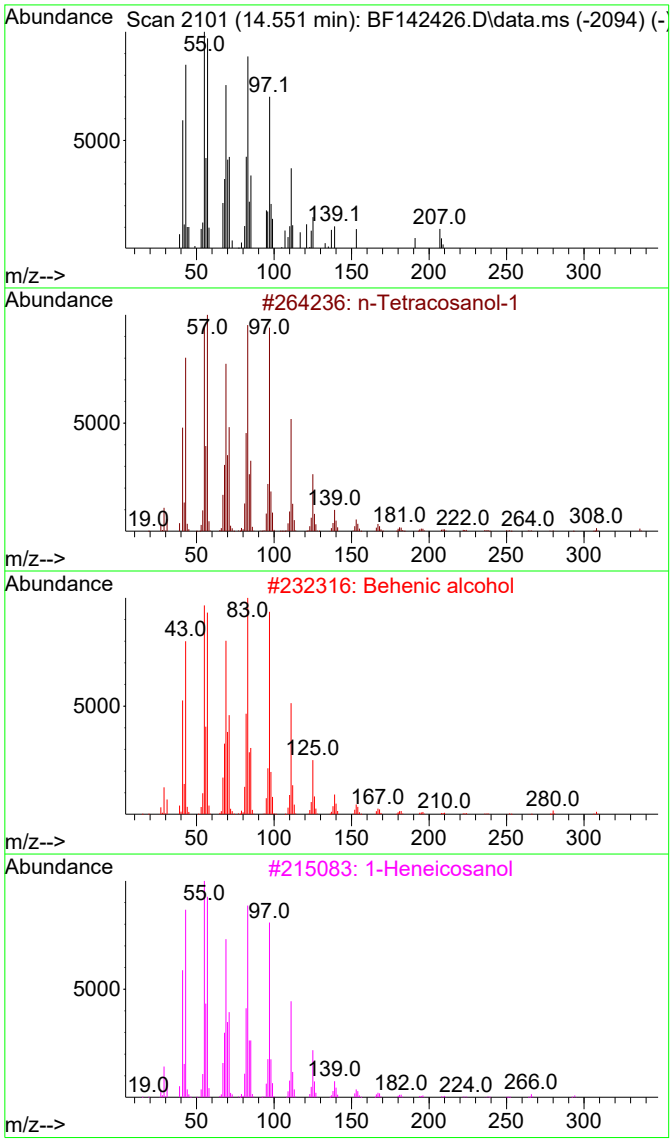
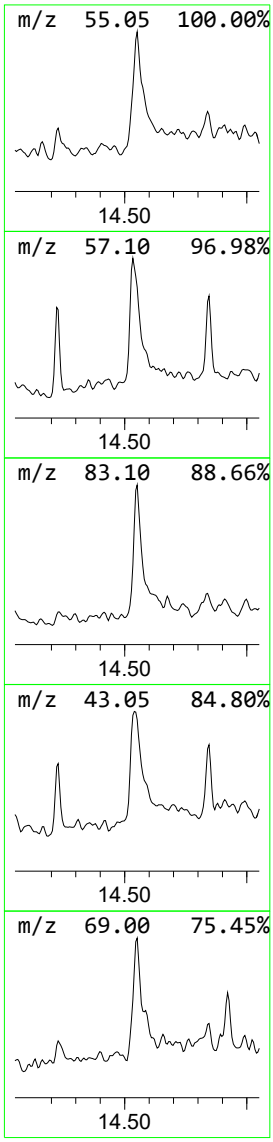
****

Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	2.46 ng	73493	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





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-...	5.104	5.7	ng	180185	1	6.898	629148	20.0
Benzophenone	10.645	5.3	ng	233762	3	9.933	873813	20.0
n-Hexadecanoic ...	11.945	4.0	ng	171142	4	11.422	844358	20.0
Pentadecafluoro...	13.910	4.7	ng	139616	5	14.063	597305	20.0
n-Tetracosanol-1	14.551	2.5	ng	73493	5	14.063	597305	20.0