LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142425.D
Acq On : 16 May 2025 14:17
Operator : RC/JU
Sample : Q2048-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L2-WC-2

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: BF142425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	486	494	506	rVB	140420	200226	6.99%	1.162%
2	5.504	557	563	568	rBV	1102555	1409451	49.18%	8.180%
3	6.516	729	735	740	rBV	1293748	1651613	57.64%	9.585%
4	6.898	795	800	805	rBV	476102	576637	20.12%	3.347%
5	7.457	890	895	900	rBV	792150	966338	33.72%	5.608%
6	8.181	1013	1018	1039	rBV	621141	774153	27.02%	4.493%
7	9.257	1195	1201	1206	rBV	1540685	1912810	66.75%	11.101%
8	9.933	1311	1316	1331	rVB	704323	909567	31.74%	5.279%
9	10.645	1432	1437	1445	rBV	256496	330101	11.52%	1.916%
10	10.722	1445	1450	1464	rBV	1130652	1426159	49.77%	8.277%
11	11.422	1564	1569	1576	rBV	830634	1047688	36.56%	6.080%
12	11.945	1653	1658	1680	rVB	280325	450996	15.74%	2.617%
13	12.727	1787	1791	1804	rBV	37128	71698	2.50%	0.416%
14	13.010	1833	1839	1844	rBV	2259601	2865615	100.00%	16.631%
15	13.910	1986	1992	2010	rBV	162073	343297	11.98%	1.992%
16	14.063	2012	2018	2030	rVB	847560	1106637	38.62%	6.422%
17	14.227	2041	2046	2053	rBV	20736	36027	1.26%	0.209%
18	14.545	2093	2100	2112	rBV2	36781	130980	4.57%	0.760%
19	15.551	2265	2271	2285	rBV	614663	1020951	35.63%	5.925%

Sum of corrected areas: 17230944

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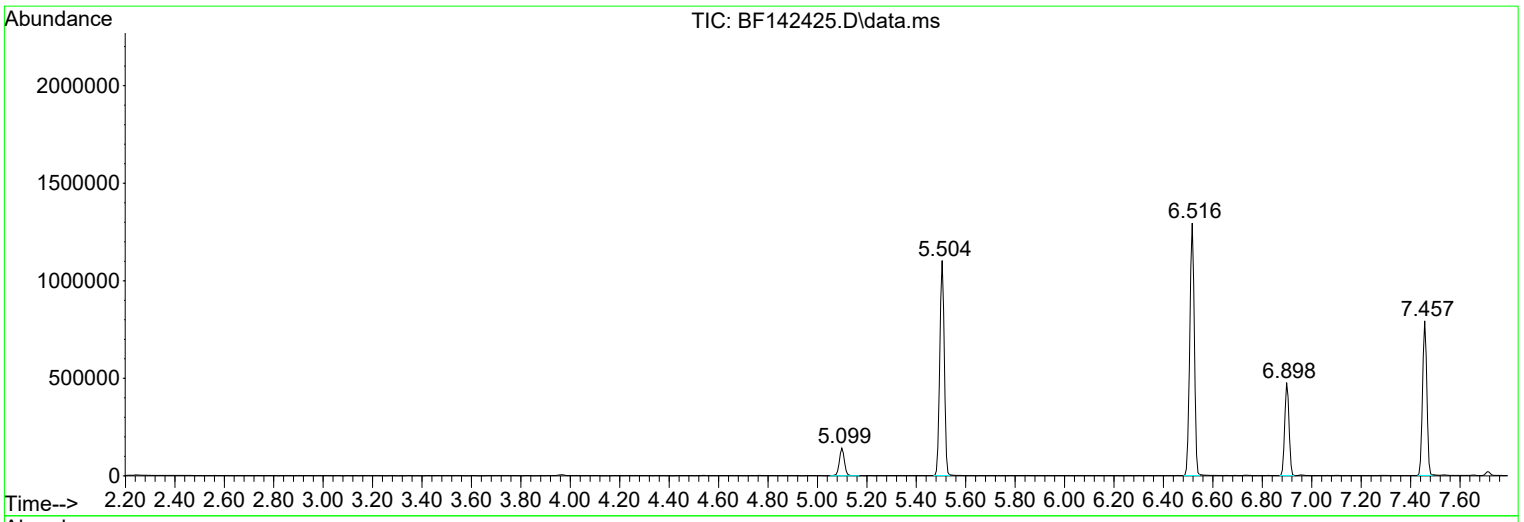
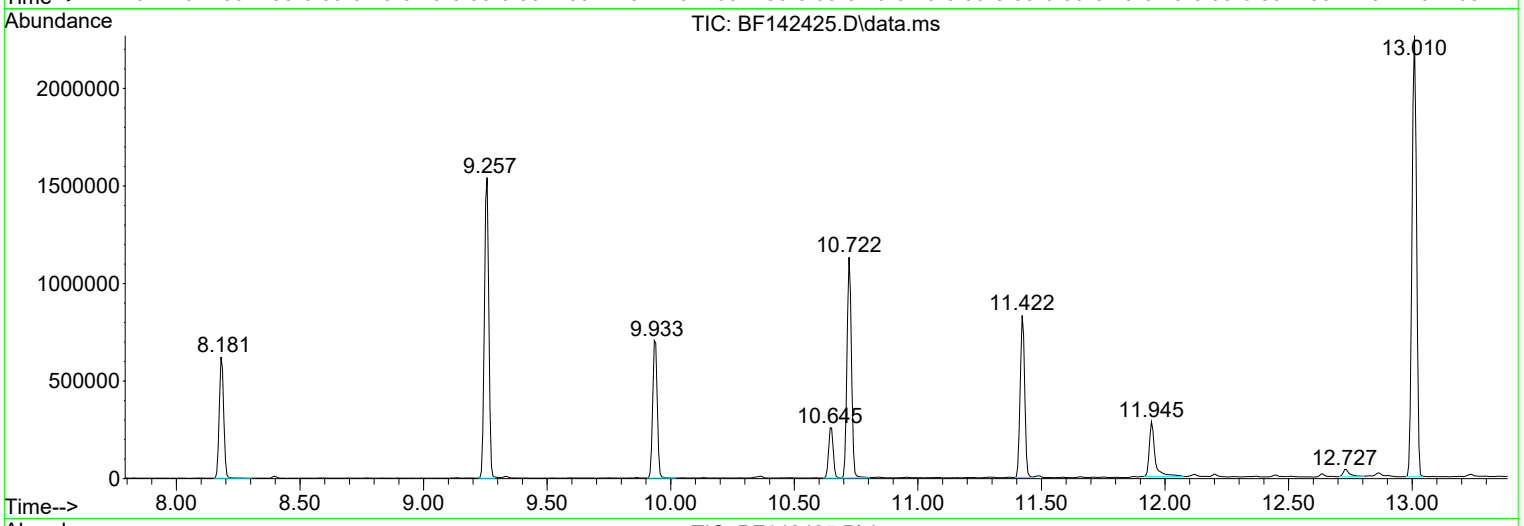
Misc :
ALS Vial : 11 Sample Multiplier: 1

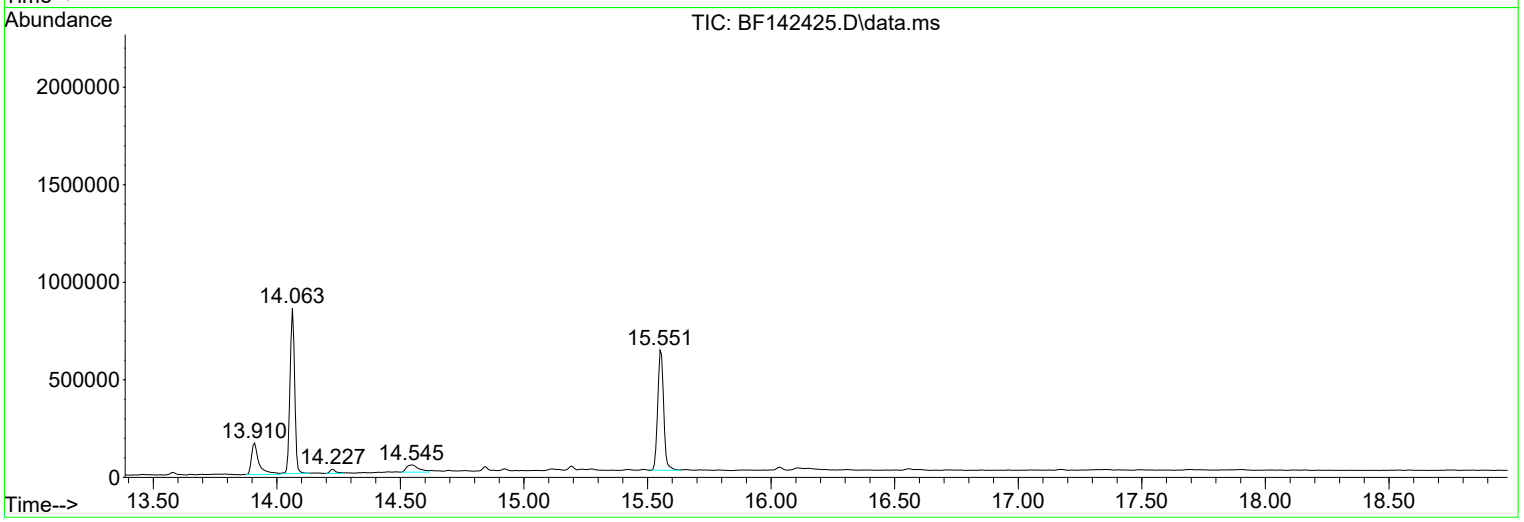
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

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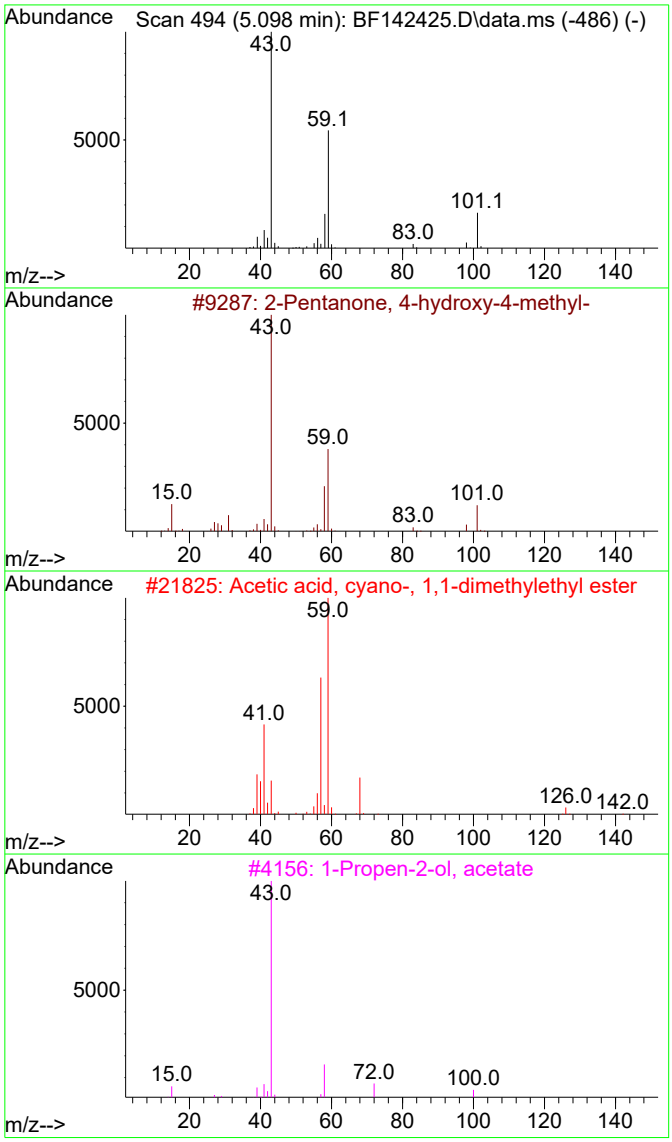
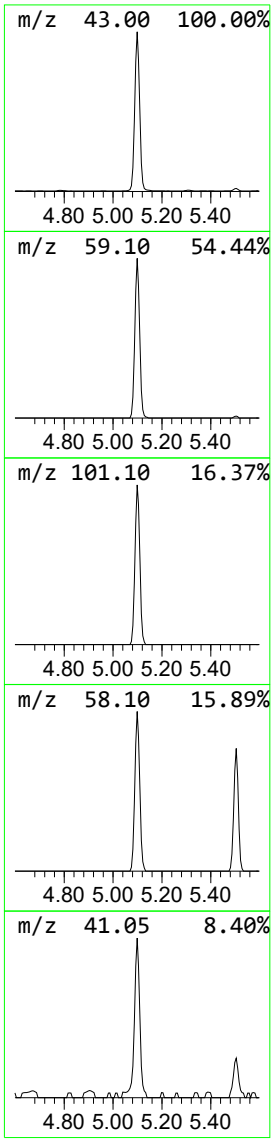
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	6.94 ng	200226	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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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
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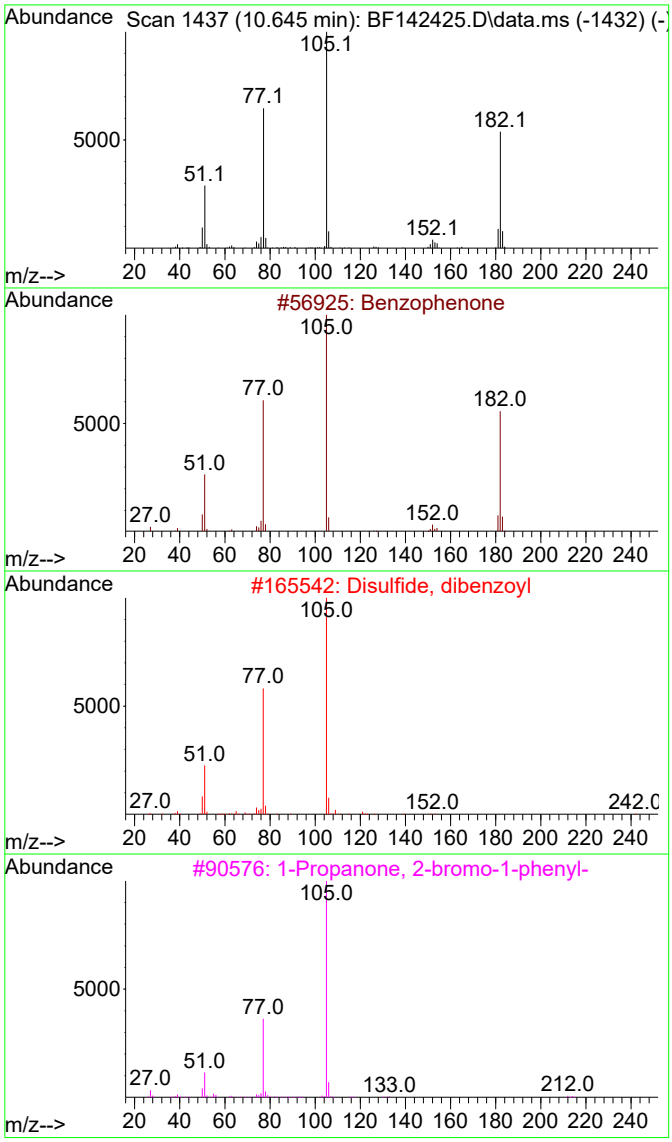
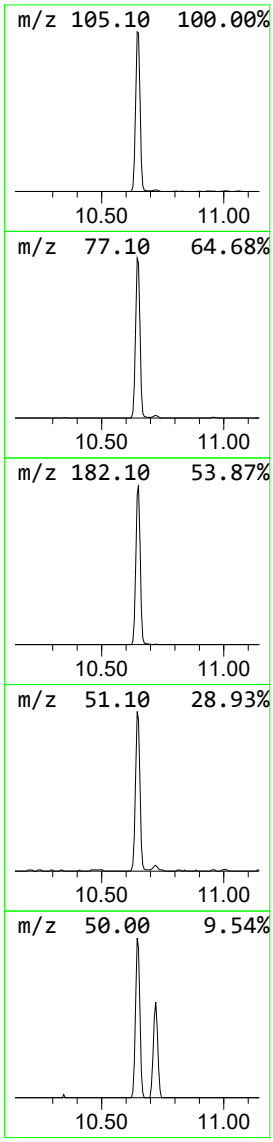
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	7.26 ng	330101	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	52
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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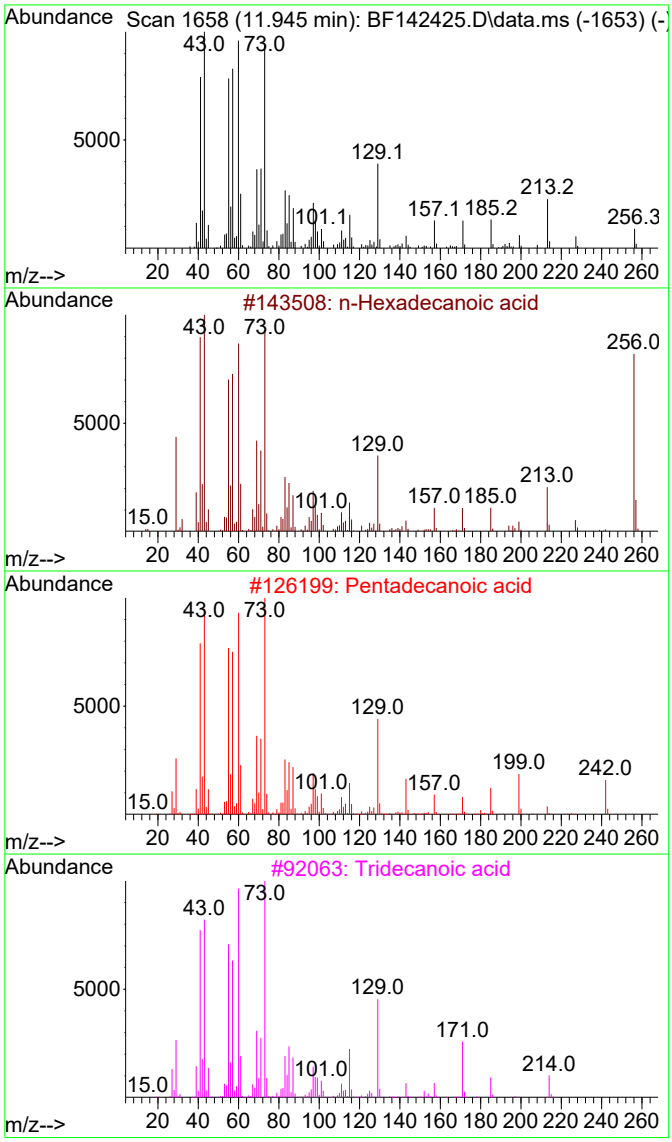
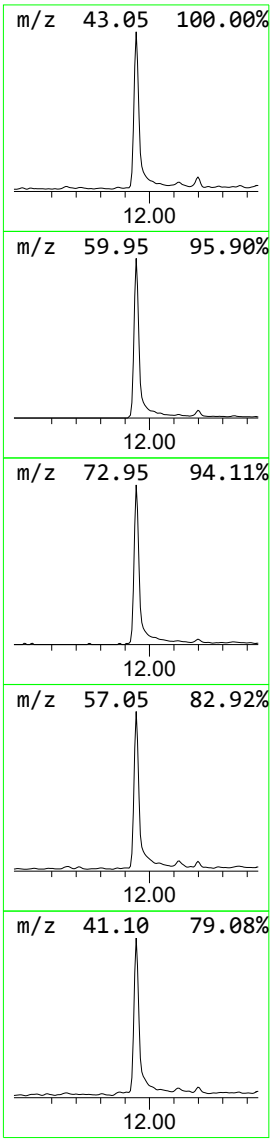
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.61 ng	450996	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	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Instrument :
BNA_F
ClientSampleId :
L2-WC-2

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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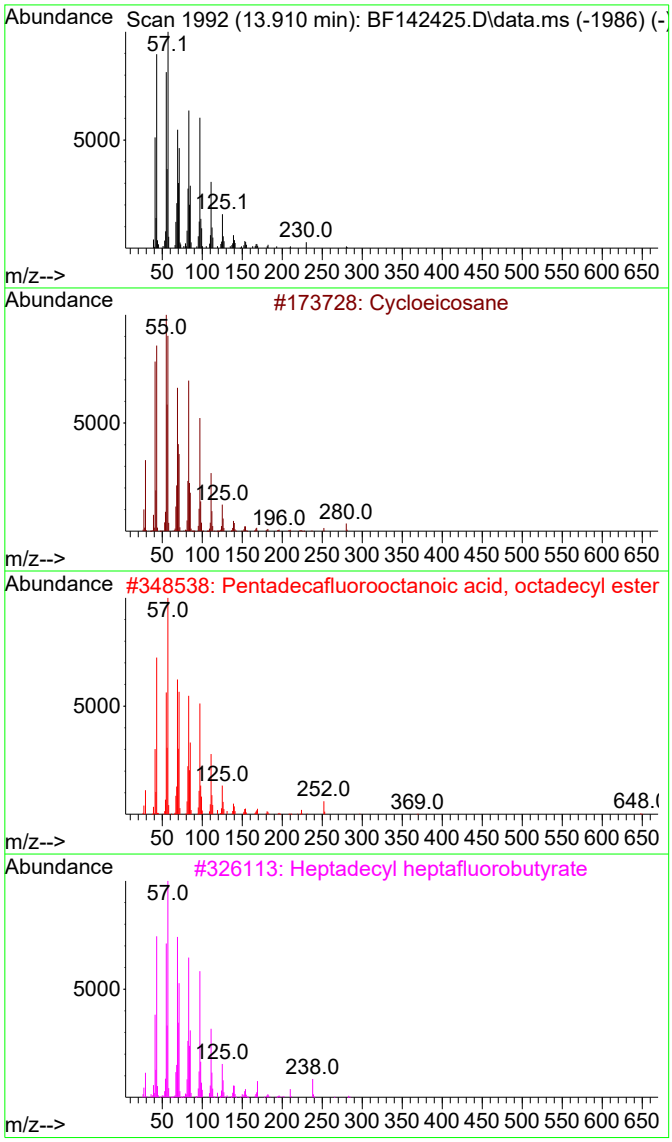
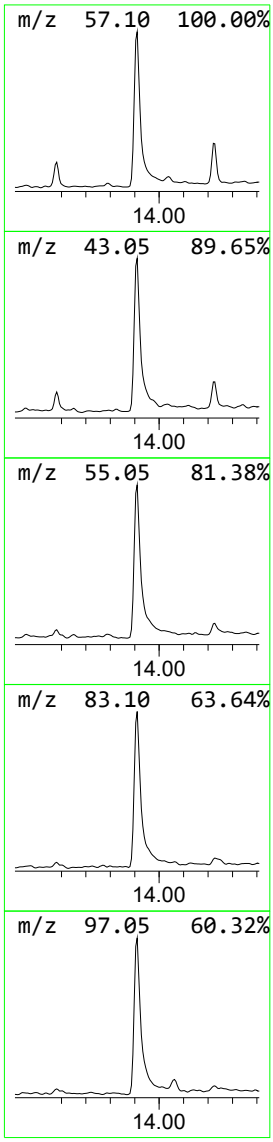
Peak Number 4 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	6.20 ng	343297	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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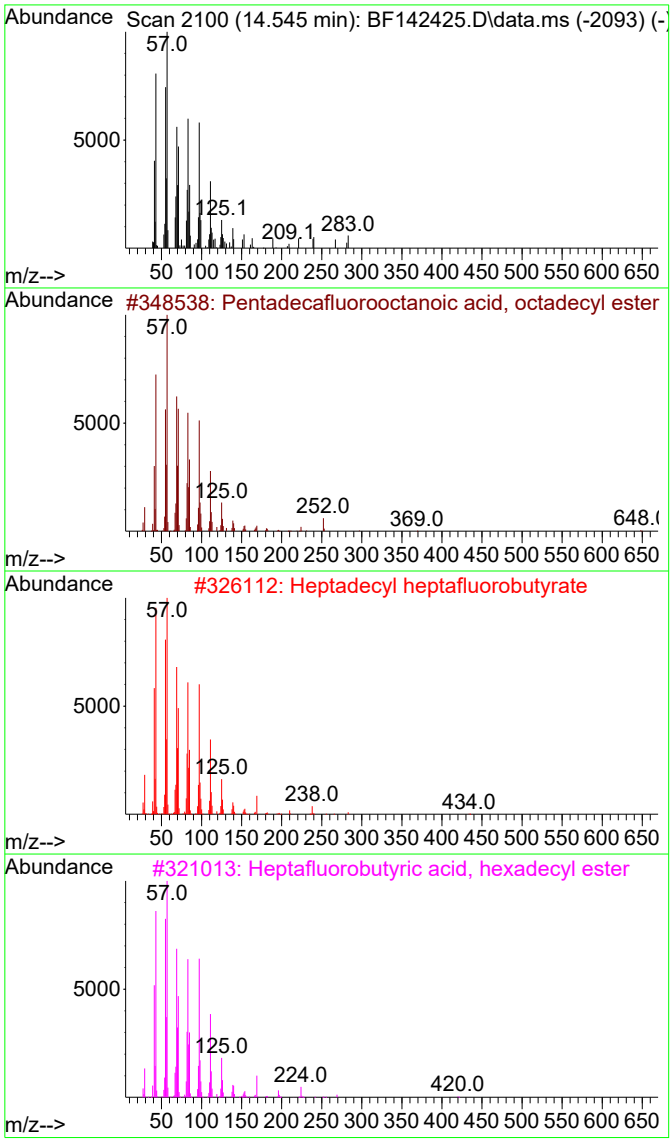
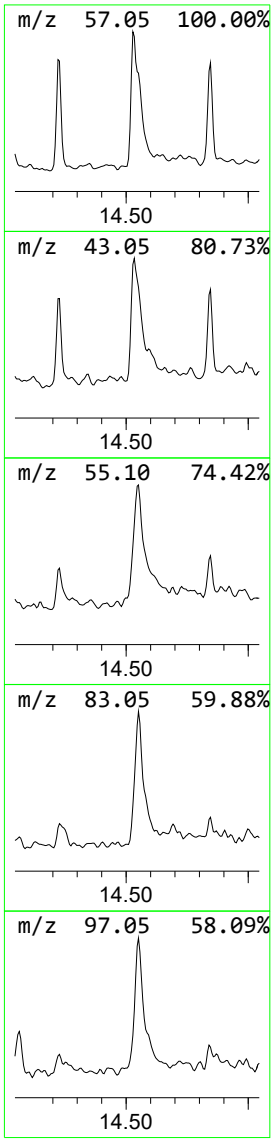
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	2.37 ng	130980	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
4	Propyl triacontyl ether	481	C33H68O	1000406-28-6	91
5	Hexacosyl propyl ether	424	C29H60O	1000406-28-4	91





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.098	6.9	ng	200226	1	6.898	576637	20.0
Benzophenone	10.645	7.3	ng	330101	3	9.933	909567	20.0
n-Hexadecanoic ...	11.945	8.6	ng	450996	4	11.422	1047690	20.0
Cycloeicosane	13.910	6.2	ng	343297	5	14.063	1106640	20.0
Pentadecafluoro...	14.545	2.4	ng	130980	5	14.063	1106640	20.0