LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143617.D
Acq On : 28 Aug 2025 18:43
Operator : RC/JU
Sample : Q2971-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143617.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	14	20	31	rBV	46404	74123	2.09%	0.322%
2	5.122	482	498	506	rBV	237521	409768	11.57%	1.780%
3	5.510	557	564	569	rBV	2057706	2914312	82.32%	12.659%
4	6.510	726	734	739	rBV	1882906	2909390	82.18%	12.638%
5	6.886	793	798	804	rVB	475446	603985	17.06%	2.624%
6	7.451	887	894	899	rBV	1344442	1891035	53.41%	8.214%
7	8.169	1010	1016	1021	rVB	655359	812310	22.94%	3.528%
8	9.245	1192	1199	1204	rBV	2691873	3540380	100.00%	15.378%
9	9.922	1309	1314	1319	rBV	744916	940996	26.58%	4.087%
10	10.639	1430	1436	1442	rBV	195468	241456	6.82%	1.049%
11	10.710	1442	1448	1454	rBV	1694103	2273394	64.21%	9.875%
12	11.410	1562	1567	1572	rBV	763212	935940	26.44%	4.065%
13	11.939	1650	1657	1673	rBV2	411007	662188	18.70%	2.876%
14	12.721	1784	1790	1803	rBV	69697	125916	3.56%	0.547%
15	12.998	1831	1837	1842	rBV	2553434	3367944	95.13%	14.629%
16	13.904	1985	1991	2009	rBV	100915	245667	6.94%	1.067%
17	14.045	2009	2015	2022	rVV	436975	557737	15.75%	2.423%
18	15.521	2259	2266	2272	rBV	333832	515194	14.55%	2.238%

Sum of corrected areas: 23021735

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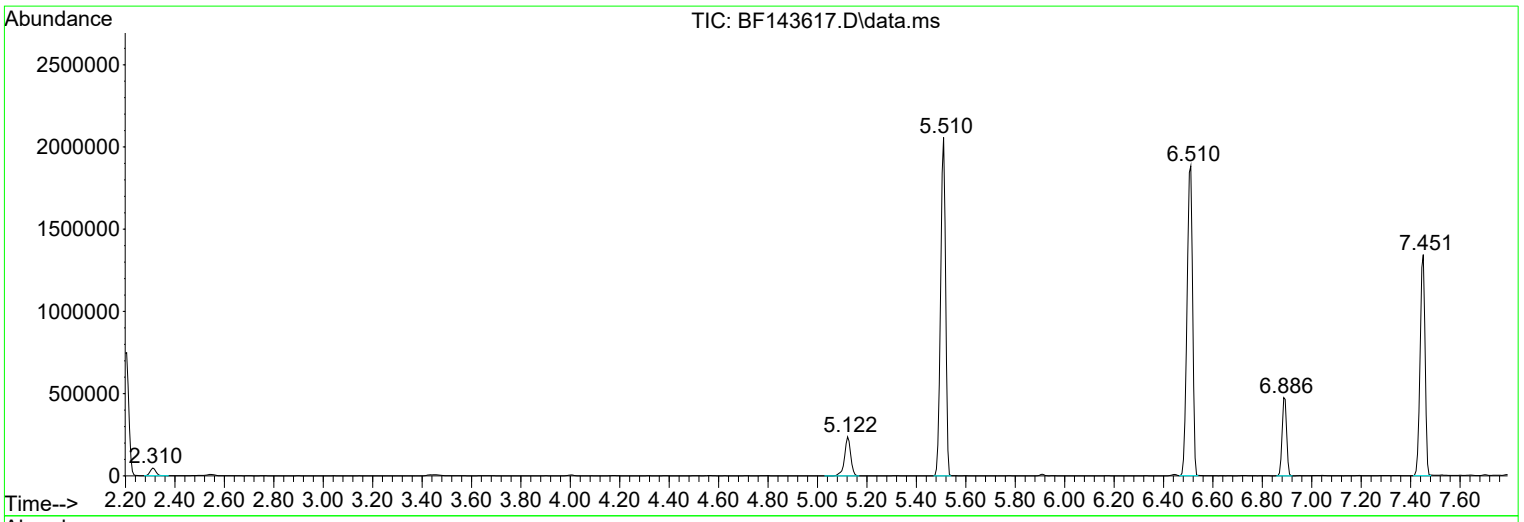
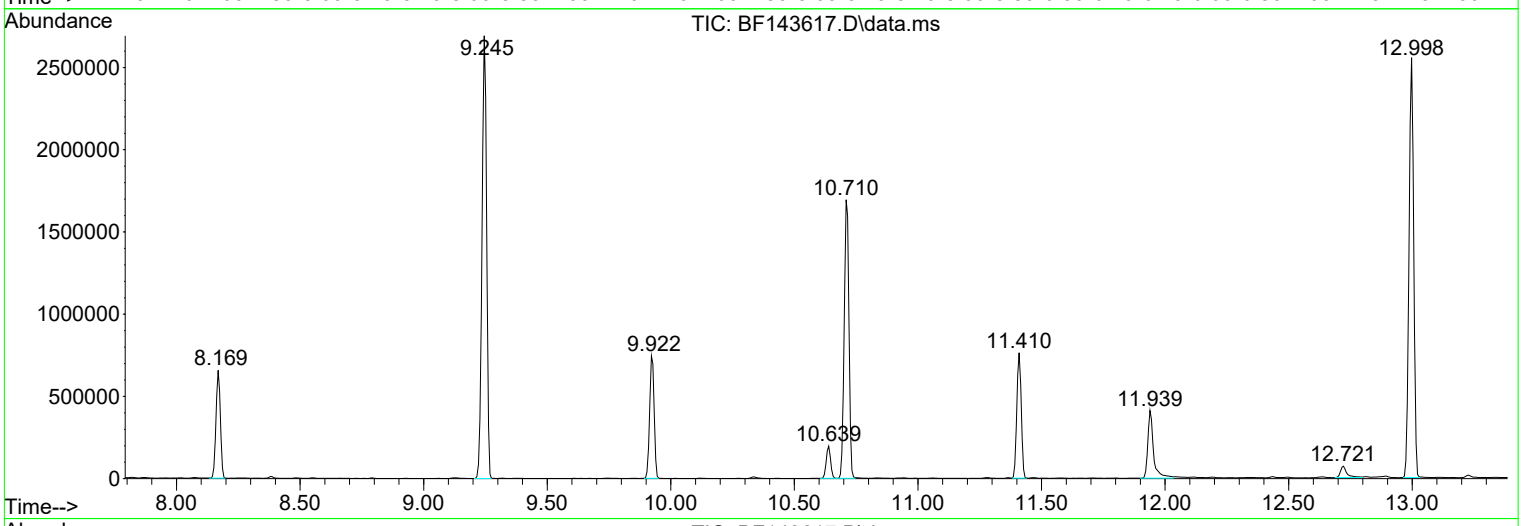
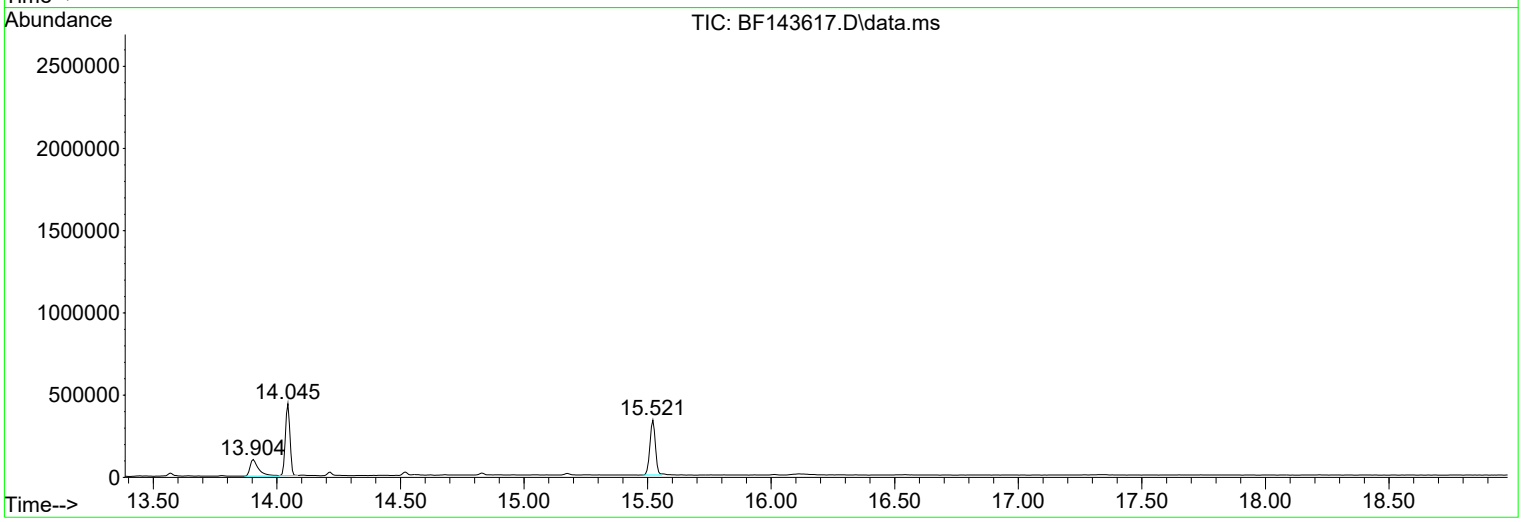
ClientSampleId :
TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

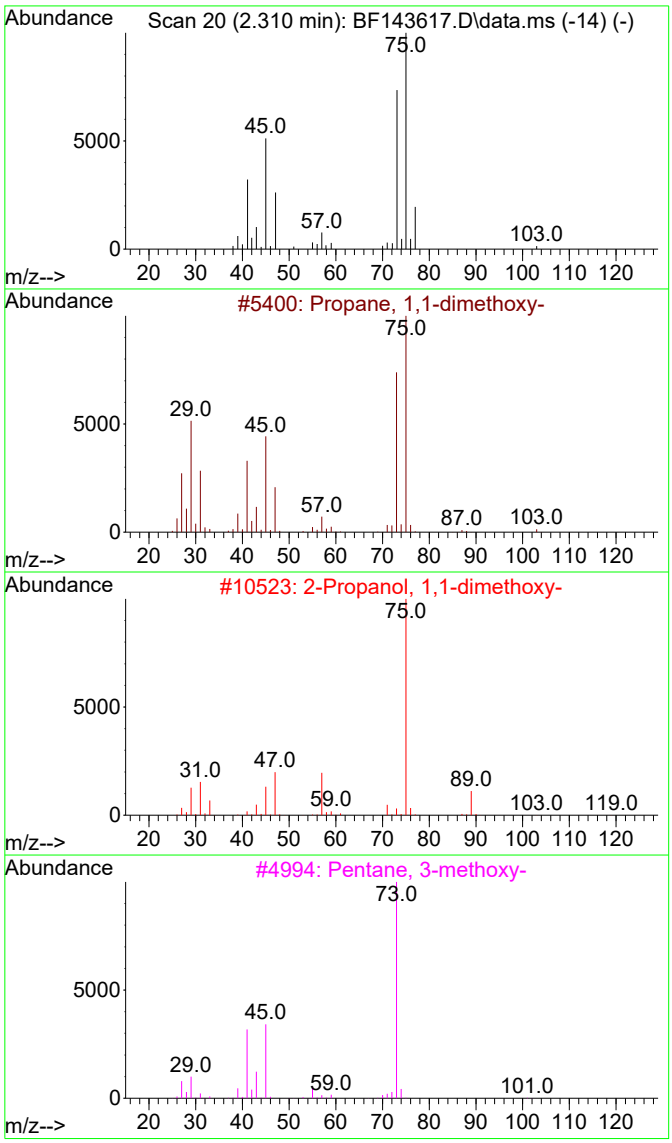
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

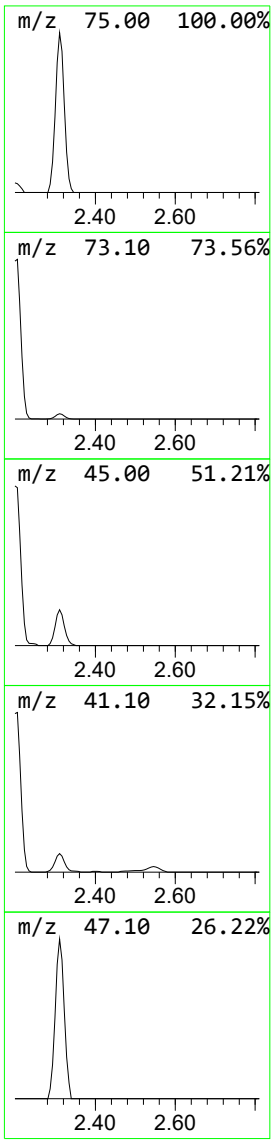
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.310	2.45 ng	74123	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
4	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	10





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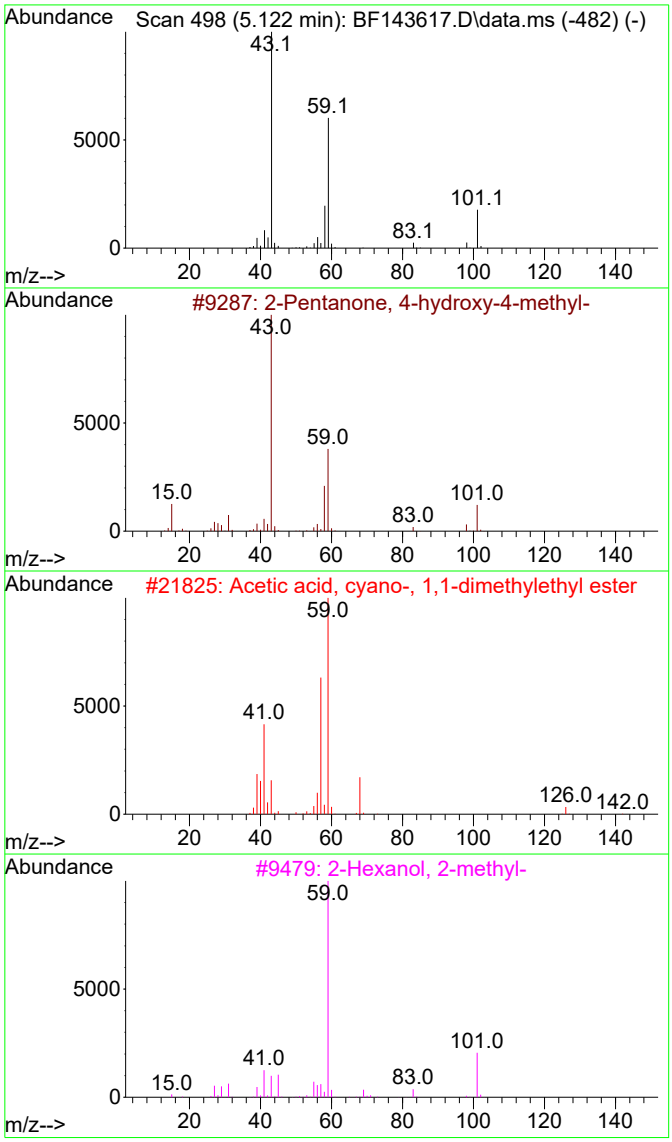
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

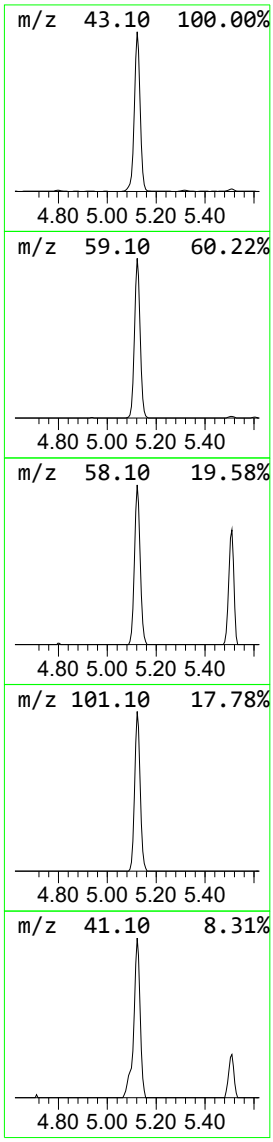
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	13.57 ng	409768	1,4-Dichlorobenzene-d4	6.892

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	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	16
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





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Sample : Q2971-01
Misc :
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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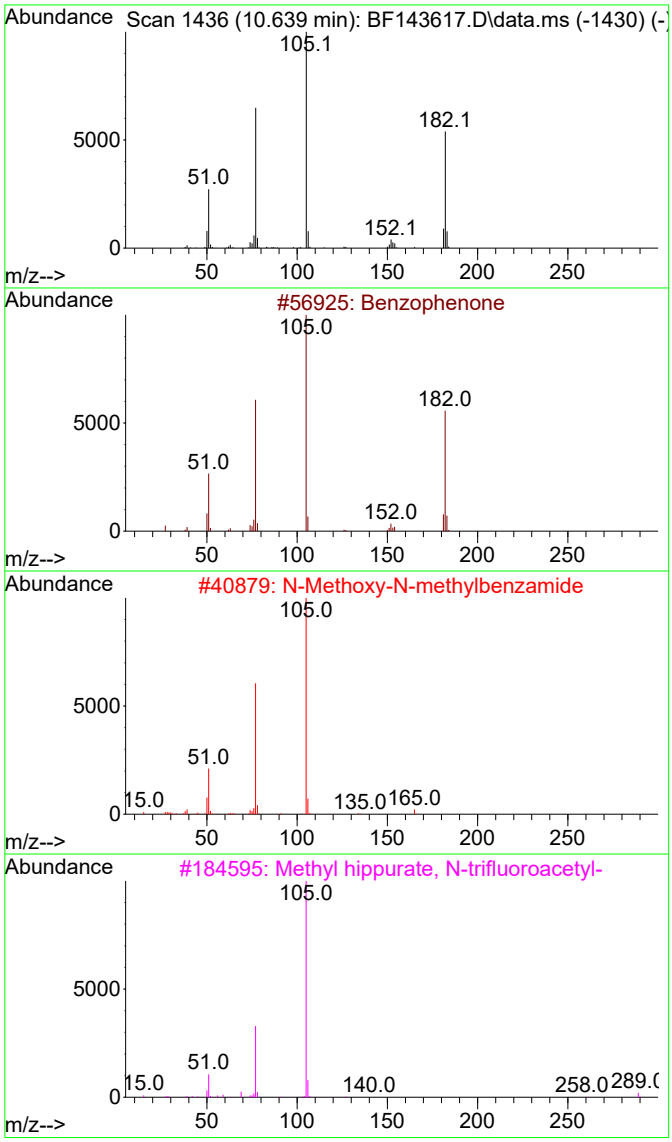
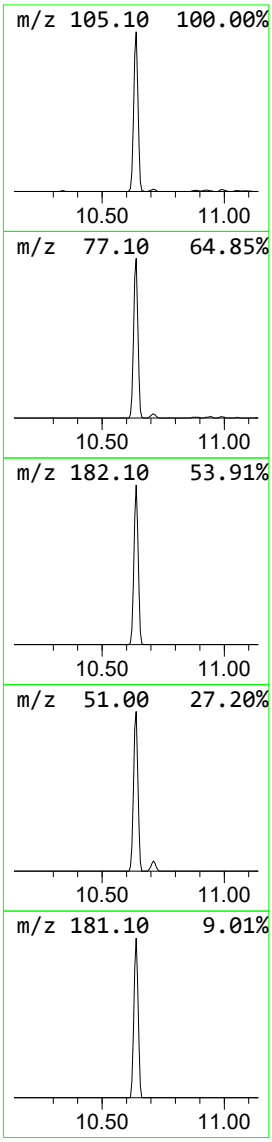
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	5.13 ng	241456	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3	Methyl hippurate, N-trifluoroace...	289	C12H10F3NO4	073749-76-5	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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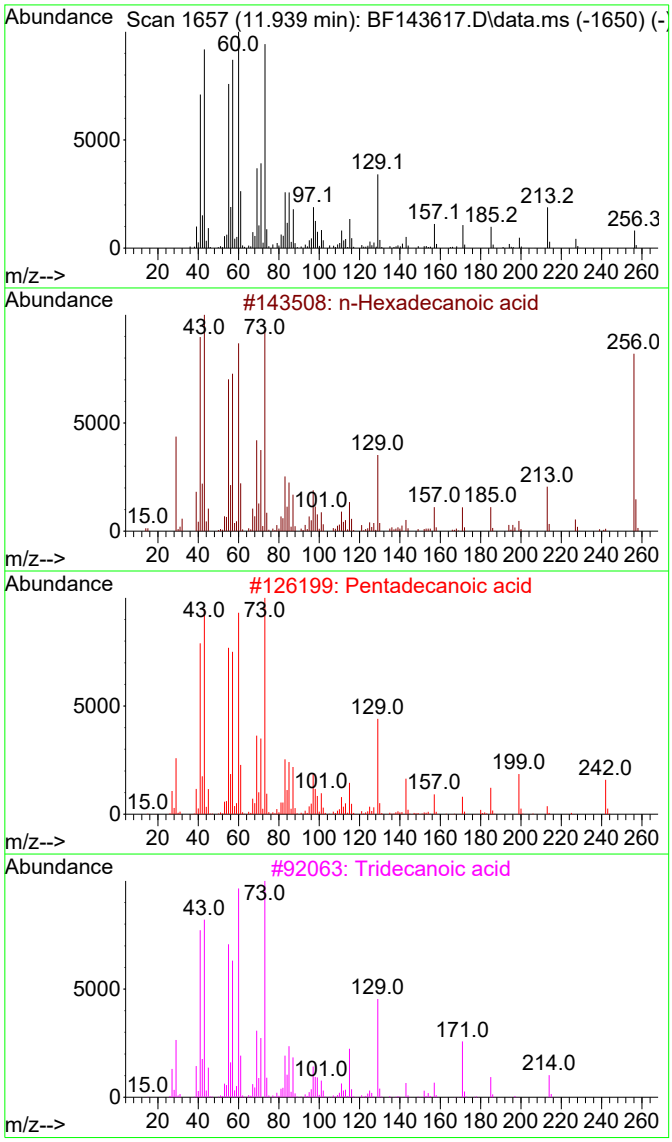
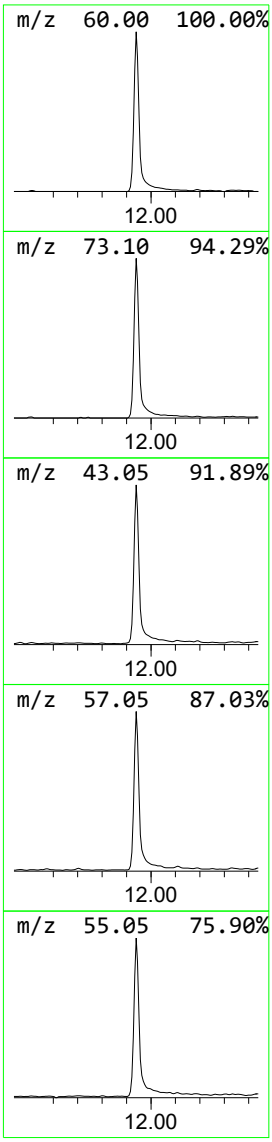
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	14.15 ng	662188	Phenanthrene-d10	11.410

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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TIC Library : C:\Database\NIST20.L
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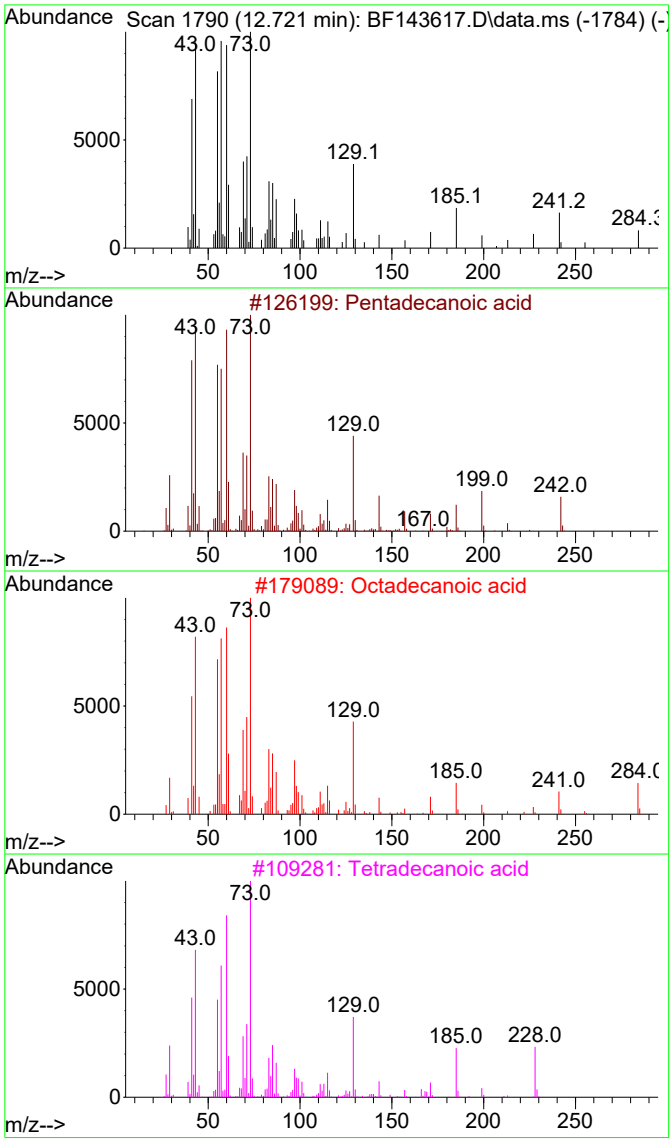
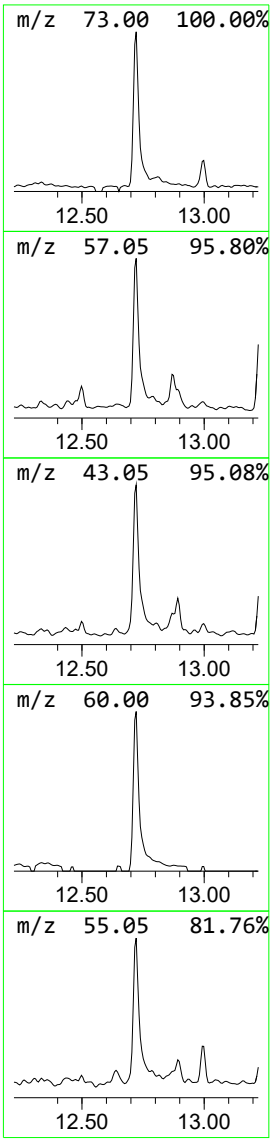
Peak Number 5 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	2.69 ng	125916	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	35
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	20





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BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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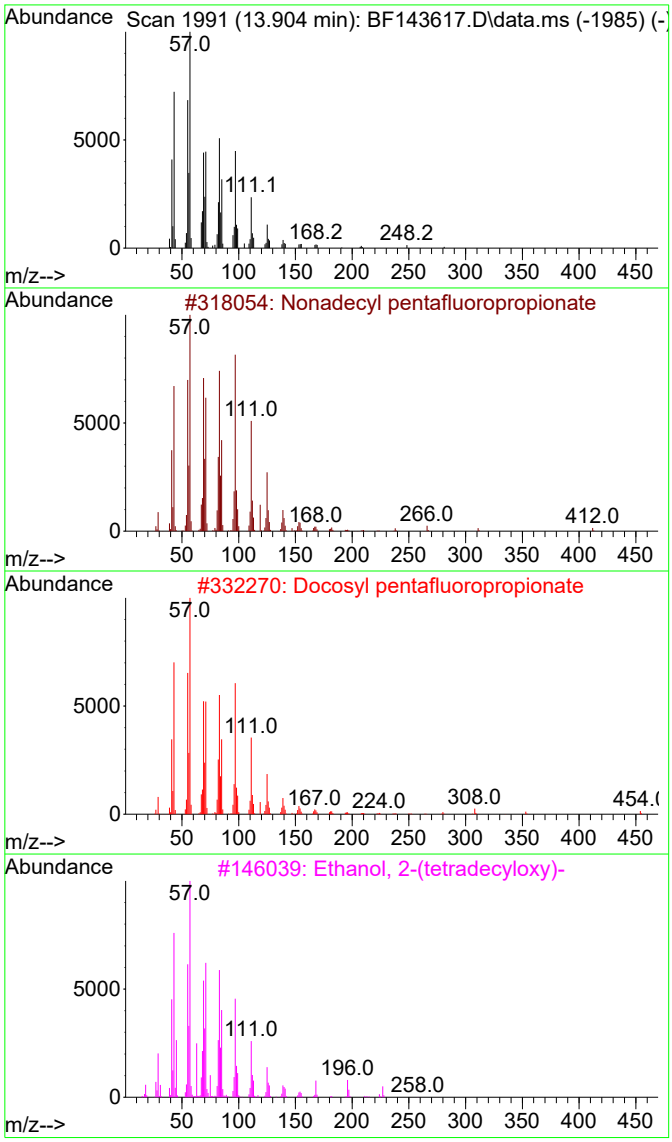
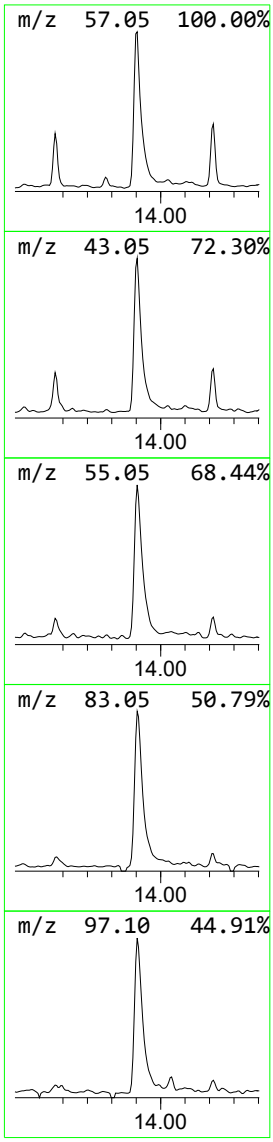
****
Peak Number 6 Nonadecyl pentafluoropropio... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	8.81 ng	245667	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	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
Propane, 1,1-di...	2.310	2.5	ng	74123	1	6.892	603985	20.0
2-Pentanone, 4-...	5.122	13.6	ng	409768	1	6.892	603985	20.0
Benzophenone	10.639	5.1	ng	241456	3	9.922	940996	20.0
n-Hexadecanoic ...	11.939	14.2	ng	662188	4	11.410	935940	20.0
Pentadecanoic acid	12.721	2.7	ng	125916	4	11.410	935940	20.0
Nonadecyl penta...	13.904	8.8	ng	245667	5	14.045	557737	20.0