LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142579.D
Acq On : 30 May 2025 19:45
Operator : RC/JU
Sample : Q2150-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-51

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142579.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	15	21	32	rBV2	32604	57893	1.56%	0.239%
2	5.128	490	499	508	rBV	213507	358975	9.67%	1.481%
3	5.516	558	565	571	rBV	2151792	3082394	83.05%	12.720%
4	6.522	726	736	743	rBV	2164691	3183733	85.78%	13.138%
5	6.898	794	800	805	rBV	556730	693690	18.69%	2.863%
6	7.075	826	830	839	rVB	31128	39807	1.07%	0.164%
7	7.457	884	895	901	rBV	1463263	2045750	55.12%	8.442%
8	7.710	930	938	943	rBV	37128	48326	1.30%	0.199%
9	7.892	964	969	978	rBV4	17117	46710	1.26%	0.193%
10	8.181	1012	1018	1027	rBV	718169	919727	24.78%	3.795%
11	9.257	1194	1201	1206	rBV	2865612	3711360	100.00%	15.315%
12	9.933	1311	1316	1327	rVB	789539	1001490	26.98%	4.133%
13	10.345	1361	1386	1401	rBV4	21435	161203	4.34%	0.665%
14	10.651	1433	1438	1445	rBV	204759	252562	6.81%	1.042%
15	10.728	1445	1451	1456	rBV	1755696	2292160	61.76%	9.459%
16	11.422	1564	1569	1576	rBV	731533	975449	26.28%	4.025%
17	11.945	1653	1658	1669	rBV	251228	402114	10.83%	1.659%
18	12.733	1788	1792	1800	rBV	33339	57158	1.54%	0.236%
19	13.010	1833	1839	1845	rBV	2396808	3165768	85.30%	13.064%
20	13.904	1986	1991	2010	rBV	177278	330809	8.91%	1.365%
21	14.063	2013	2018	2027	rVB	458518	613277	16.52%	2.531%
22	14.539	2094	2099	2107	rBV	41226	87826	2.37%	0.362%
23	15.557	2266	2272	2283	rBV	396225	661147	17.81%	2.728%
24	16.098	2359	2364	2372	rBV3	15289	43525	1.17%	0.180%

Sum of corrected areas: 24232853

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Instrument :
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ClientSampleId :
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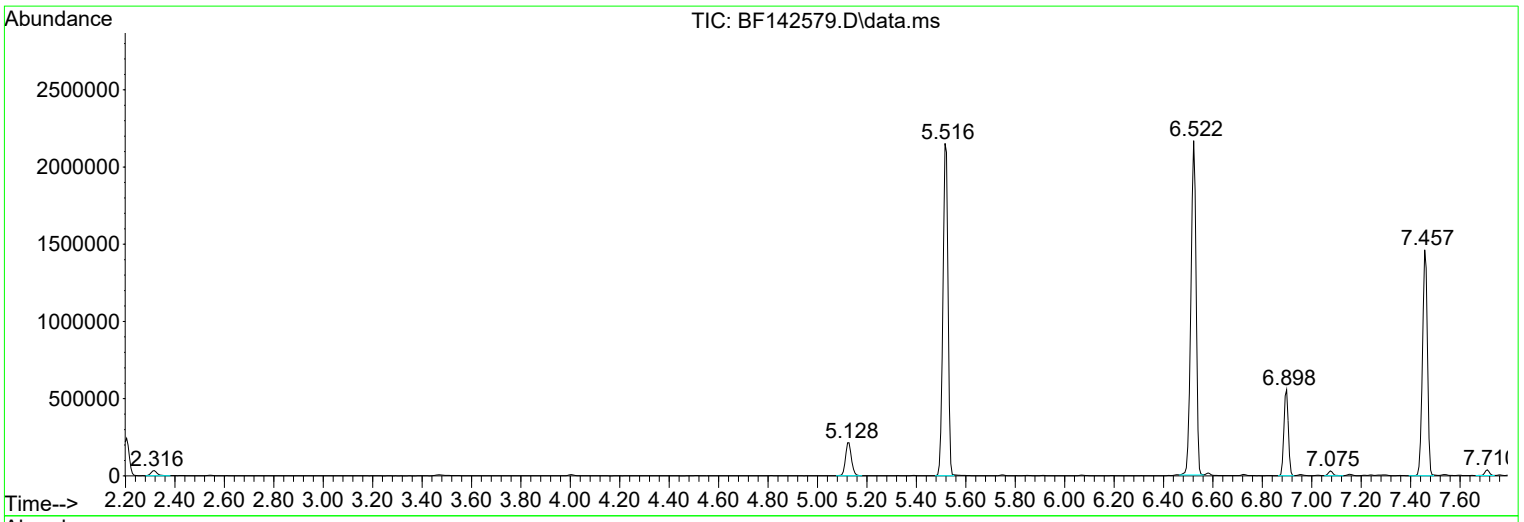
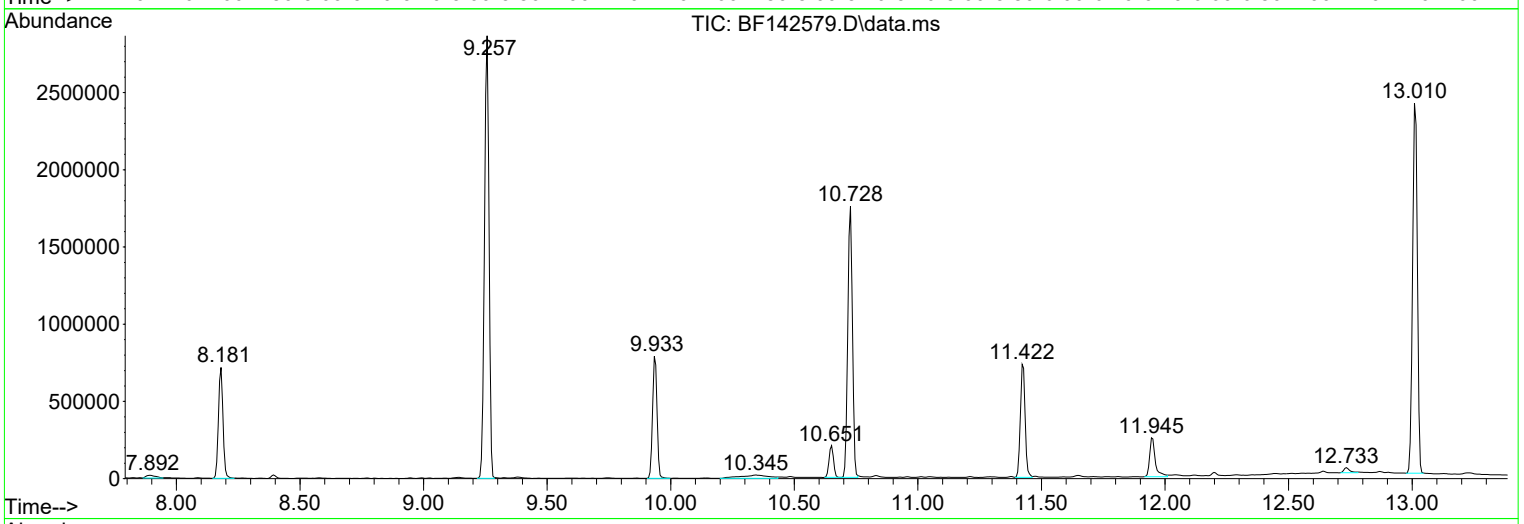
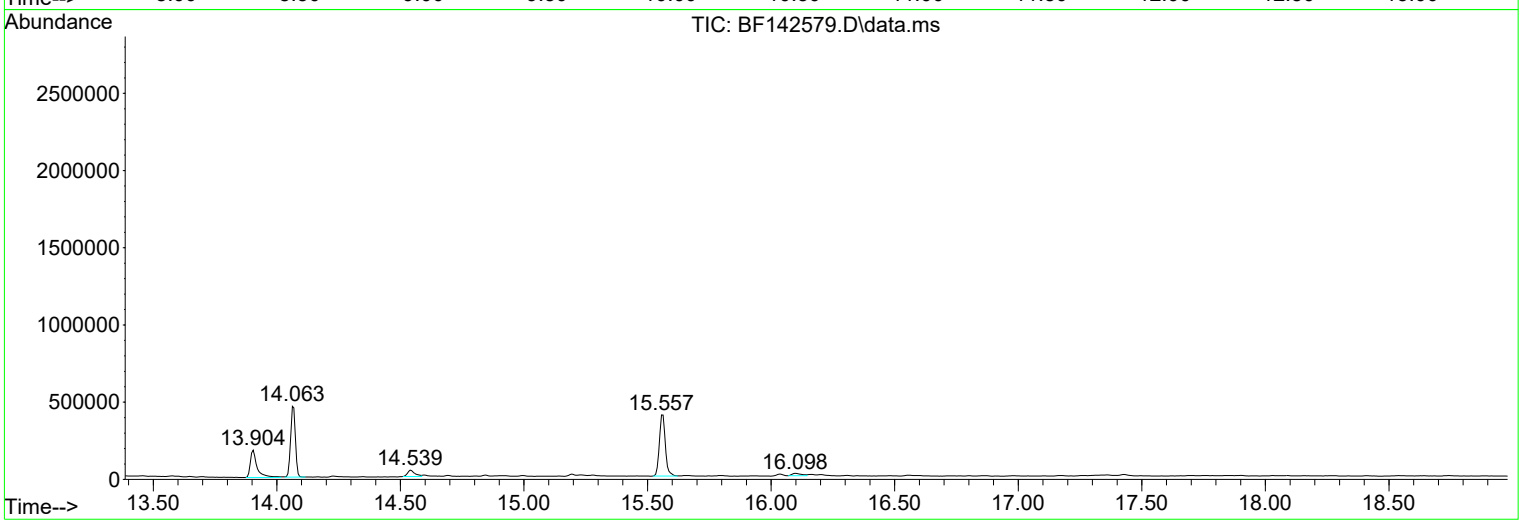
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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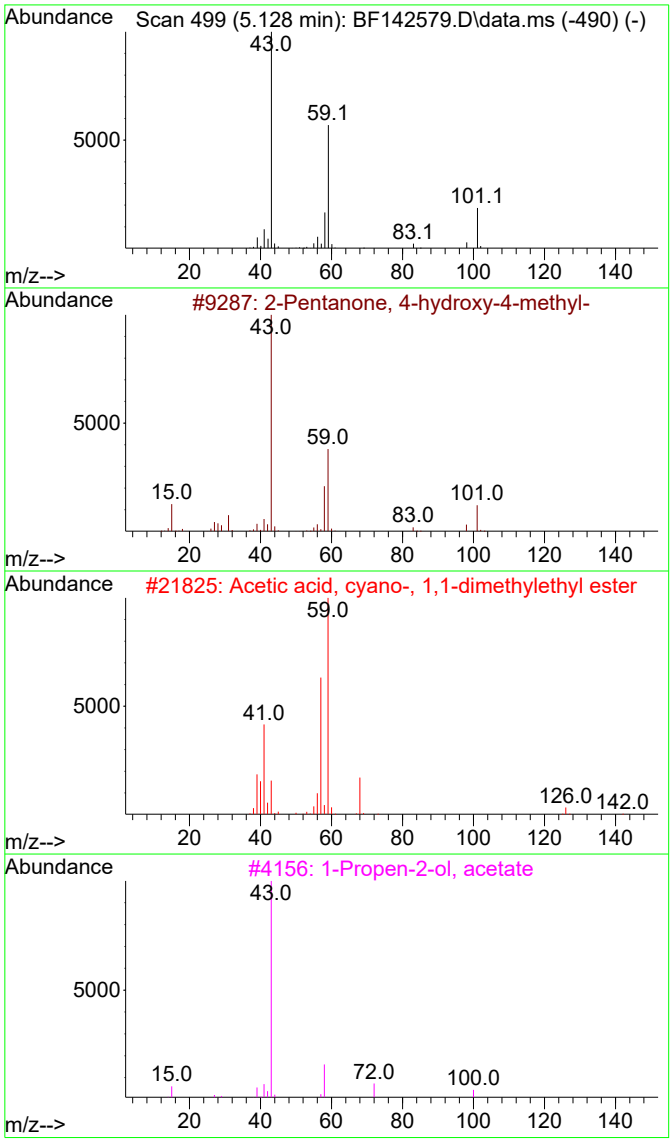
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

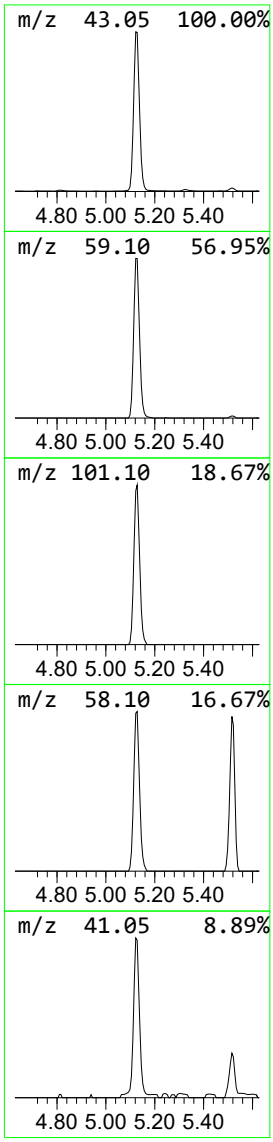
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	10.35 ng	358975	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	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
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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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

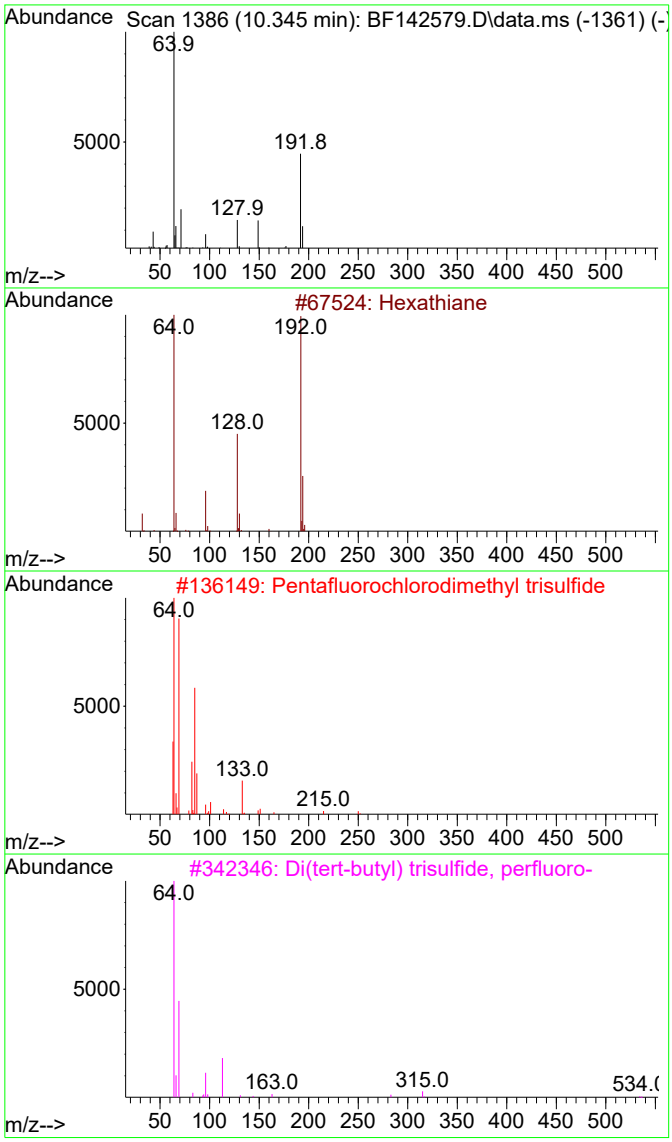
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

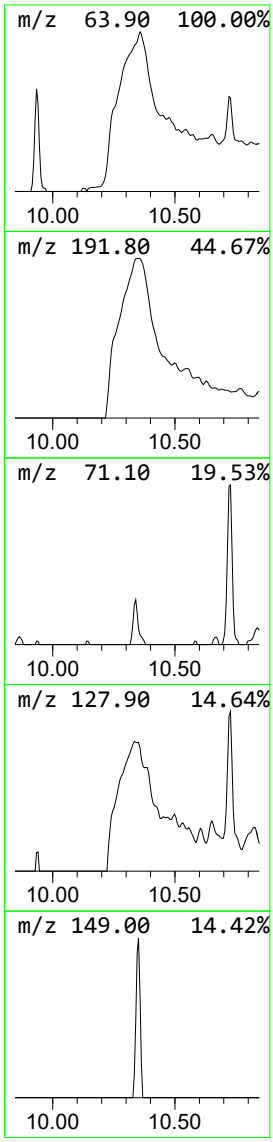
****

Peak Number 2 unknown10.345 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	3.22 ng	161203	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	10
2	Pentafluorochlorodimethyl trisul...	250	C2ClF5S3	1000226-65-9	9
3	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
4	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Sample : Q2150-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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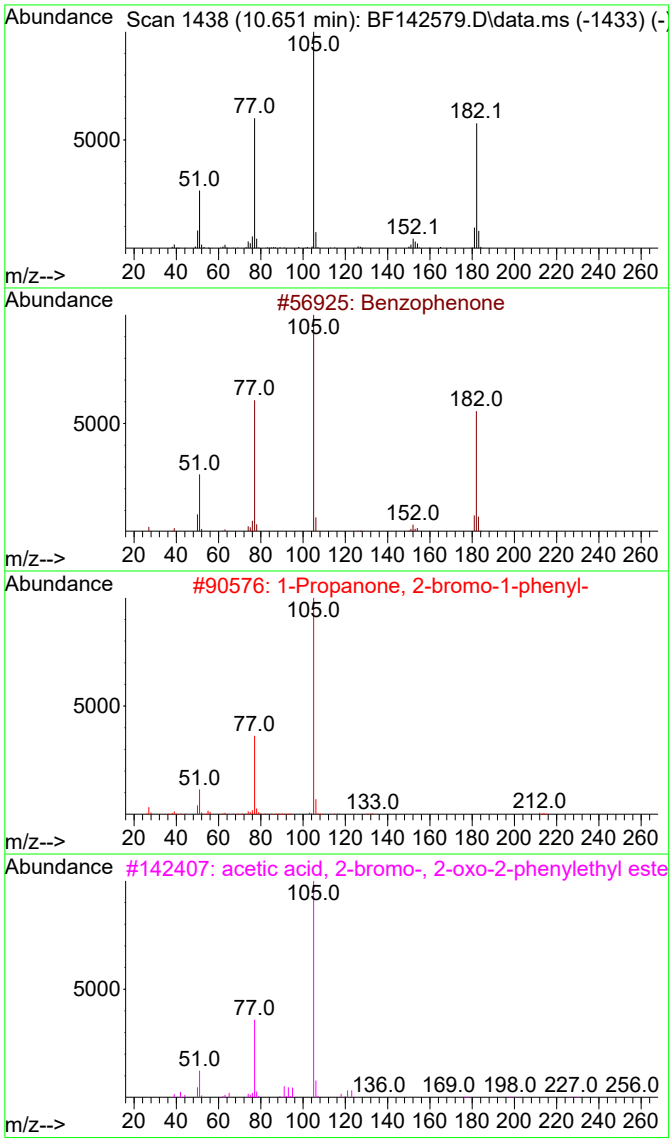
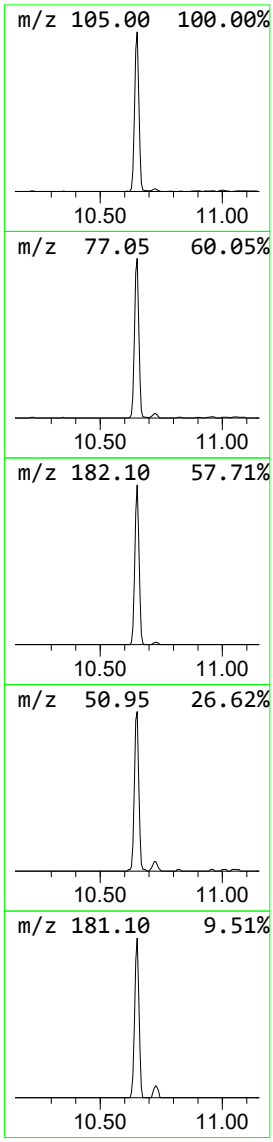
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.04 ng	252562	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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Misc :
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Instrument :
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ClientSampleId :
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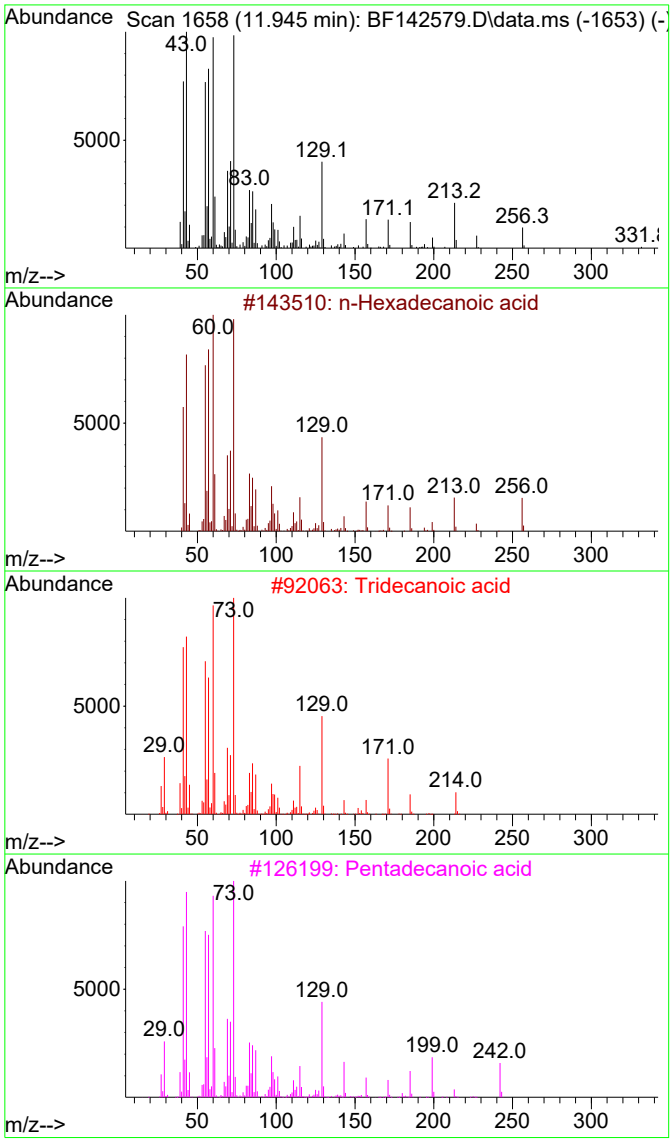
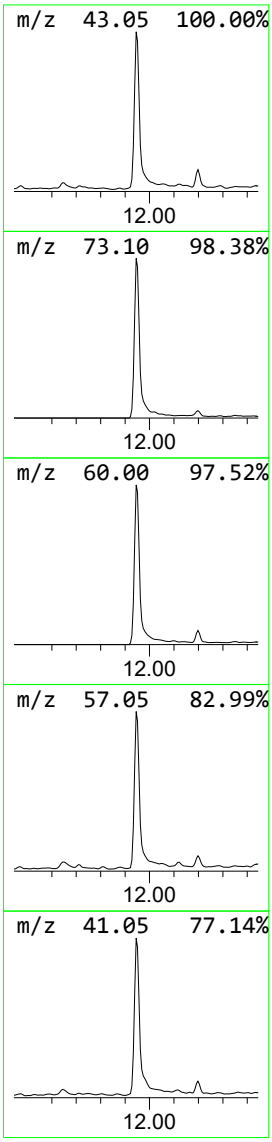
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.24 ng	402114	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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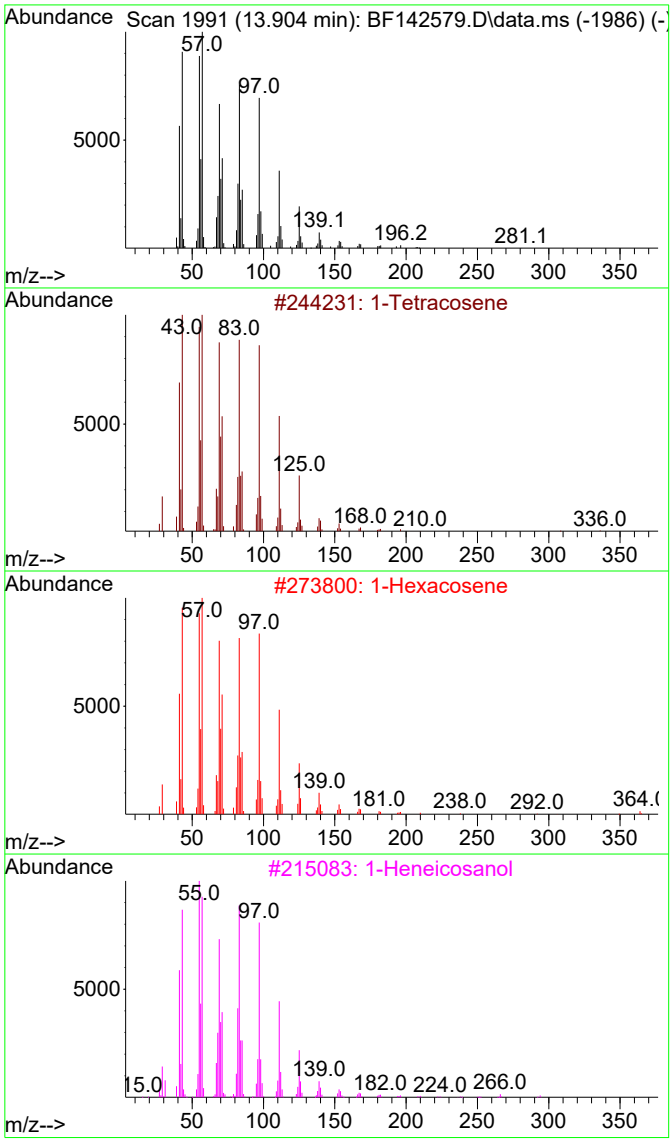
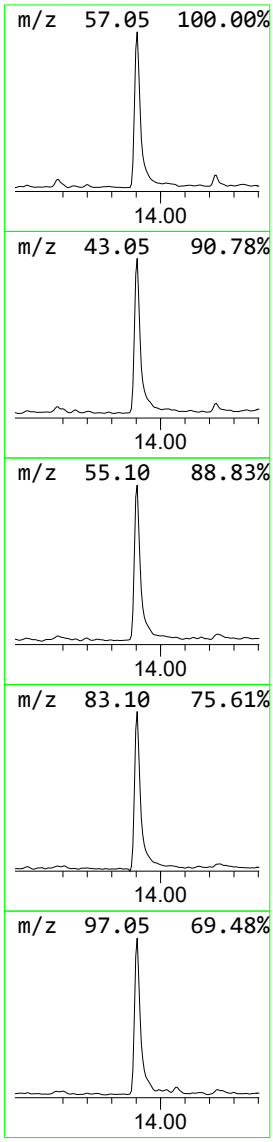
****

Peak Number 5 1-Tetracosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	10.79 ng	330809	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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TIC Library : C:\Database\NIST20.L
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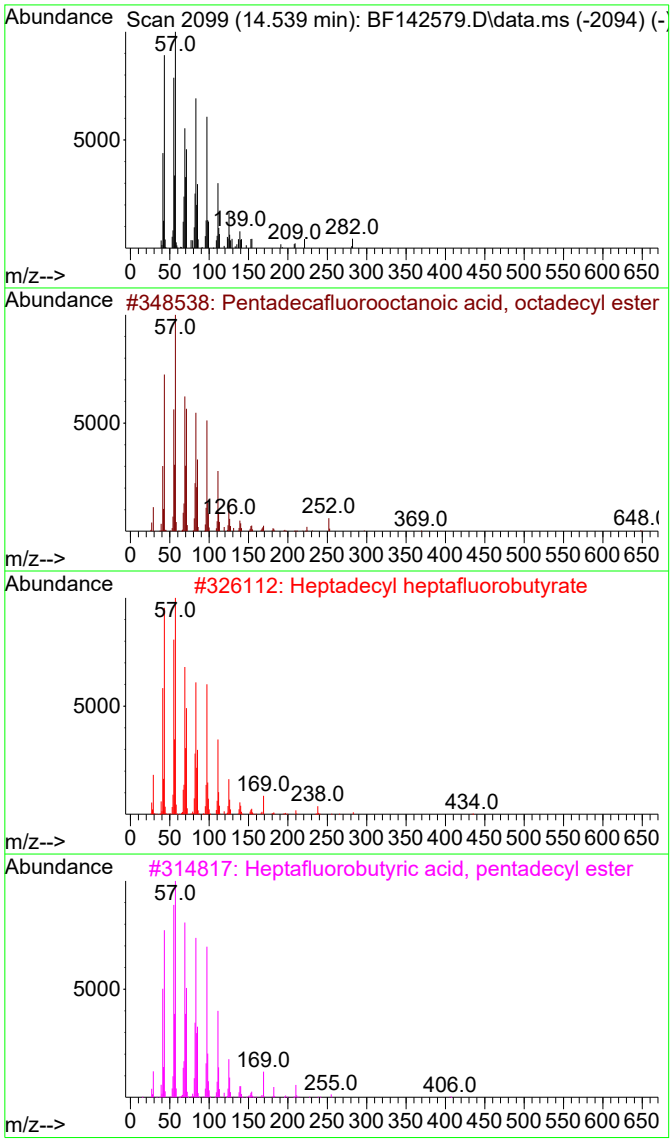
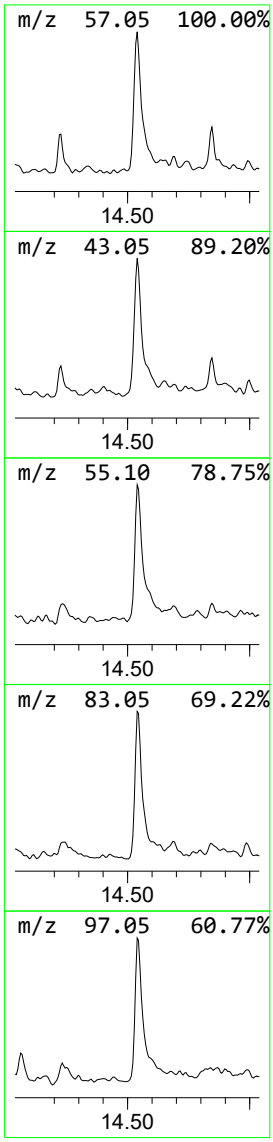
****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	2.86 ng	87826	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93





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
2-Pentanone, 4-...	5.128	10.4	ng	358975	1	6.898	693690	20.0
unknown10.345	10.345	3.2	ng	161203	3	9.933	1001490	20.0
Benzophenone	10.651	5.0	ng	252562	3	9.933	1001490	20.0
n-Hexadecanoic ...	11.945	8.2	ng	402114	4	11.422	975449	20.0
1-Tetracosene	13.904	10.8	ng	330809	5	14.063	613277	20.0
Pentadecafluoro...	14.539	2.9	ng	87826	5	14.063	613277	20.0