LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143382.D
Acq On : 14 Aug 2025 15:26
Operator : RC/JU
Sample : Q2814-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-82H-N

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	28	rVB	2565708	4134333	94.74%	13.873%
2	5.163	498	505	523	rVB	328203	483478	11.08%	1.622%
3	5.569	568	574	586	rBV	1869681	2484371	56.93%	8.337%
4	6.563	737	743	763	rBV	1454814	2029651	46.51%	6.811%
5	6.934	801	806	813	rBV	741963	922299	21.14%	3.095%
6	7.493	894	901	911	rBV	1812132	2574450	59.00%	8.639%
7	8.210	1018	1023	1040	rBV	880353	1204386	27.60%	4.041%
8	9.287	1200	1206	1211	rBV	3350671	4363728	100.00%	14.643%
9	9.969	1316	1322	1337	rBV	1071812	1346559	30.86%	4.519%
10	10.375	1388	1391	1400	rVB2	33007	47190	1.08%	0.158%
11	10.681	1437	1443	1450	rBV	256616	336200	7.70%	1.128%
12	10.757	1450	1456	1472	rBV	1971203	2637998	60.45%	8.852%
13	10.986	1491	1495	1500	rVB	40187	53153	1.22%	0.178%
14	11.457	1569	1575	1582	rBV	920079	1213476	27.81%	4.072%
15	11.980	1659	1664	1681	rBV2	199232	379162	8.69%	1.272%
16	12.763	1792	1797	1810	rBV	43506	88481	2.03%	0.297%
17	13.039	1838	1844	1849	rBV	2881348	3695729	84.69%	12.401%
18	13.945	1993	1998	2015	rBV	51732	126908	2.91%	0.426%
19	14.098	2018	2024	2034	rVV	580465	793897	18.19%	2.664%
20	14.186	2035	2039	2047	rVB	28114	44079	1.01%	0.148%
21	15.592	2272	2278	2293	rBV	522778	841328	19.28%	2.823%

Sum of corrected areas: 29800856

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ClientSampleId :
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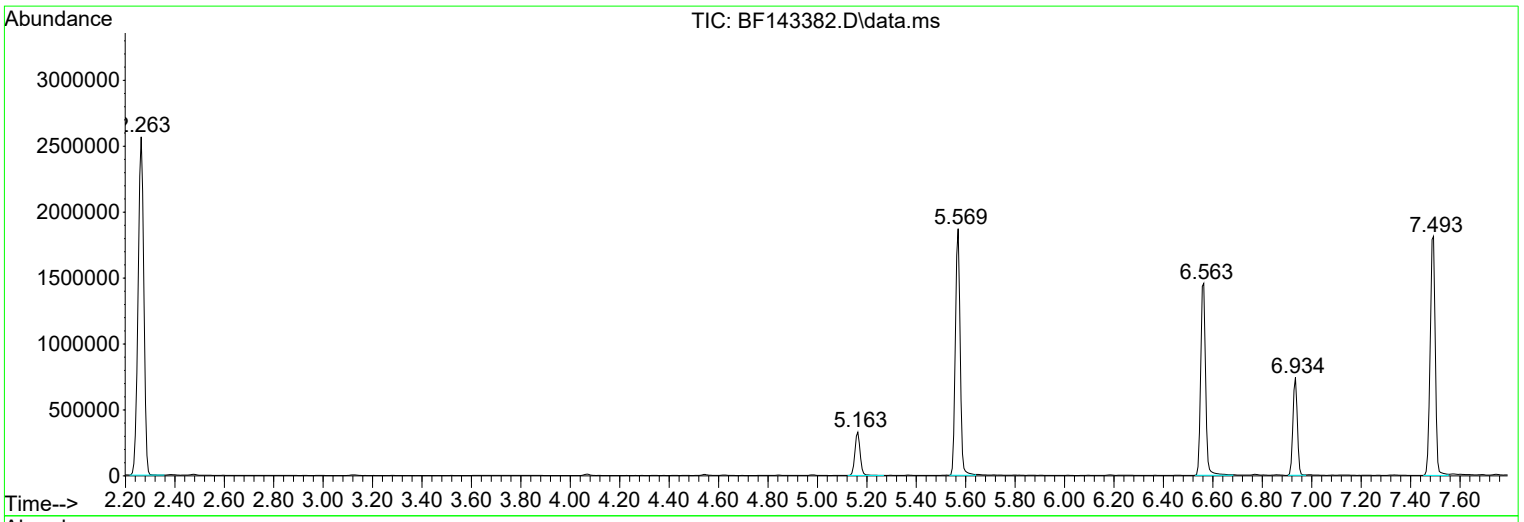
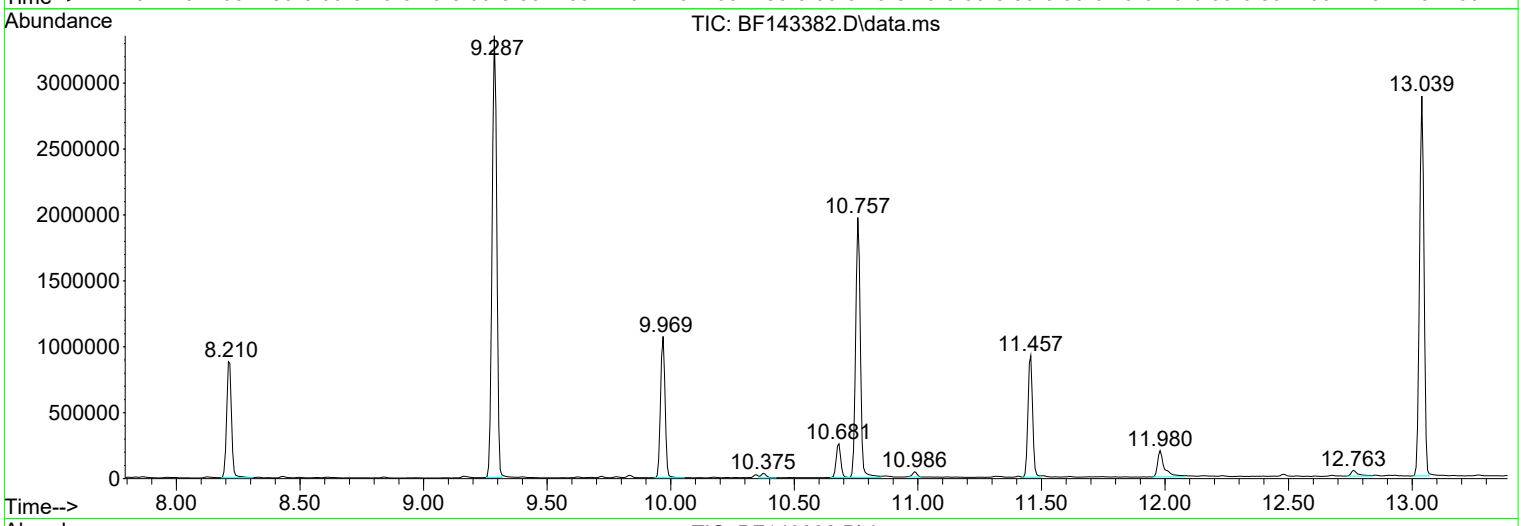
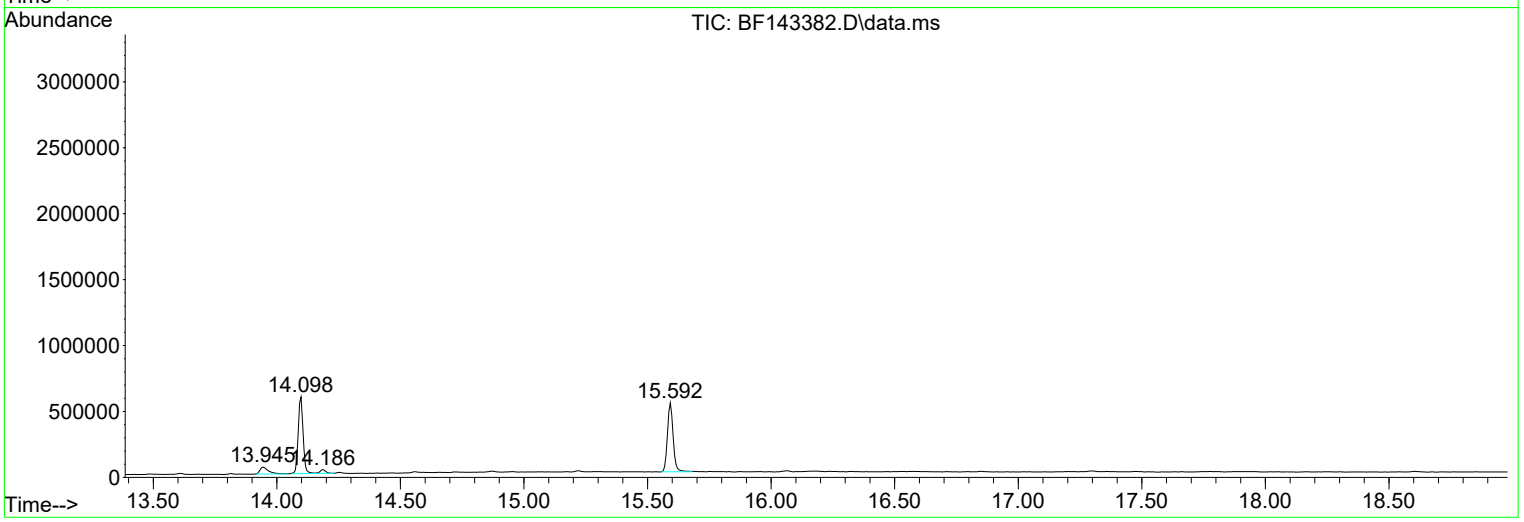
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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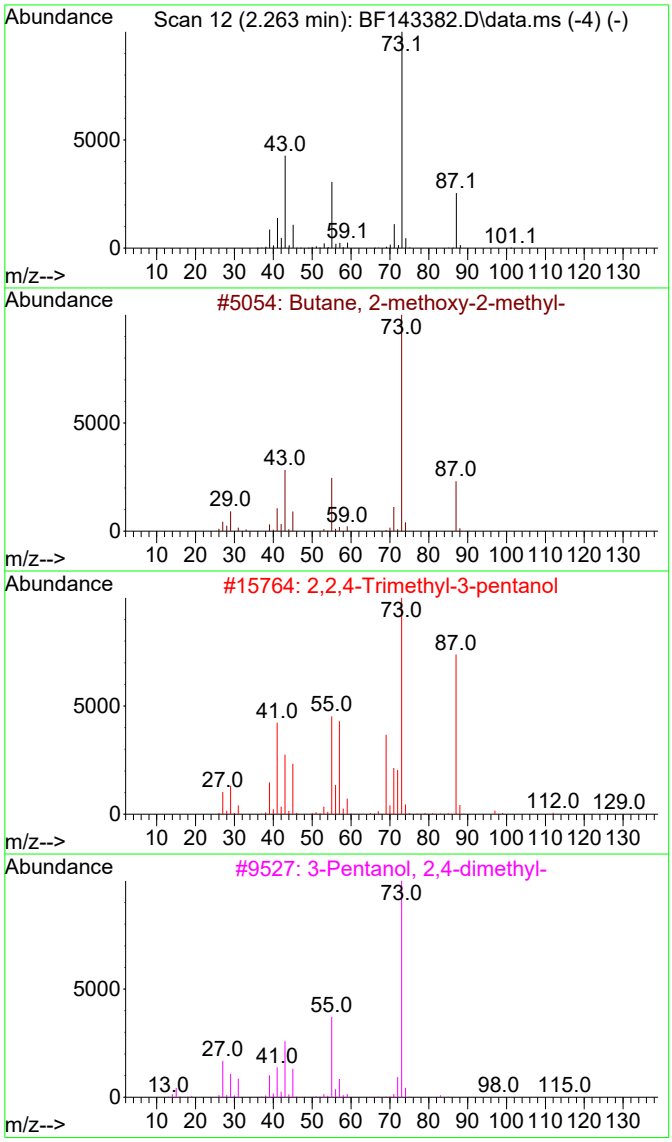
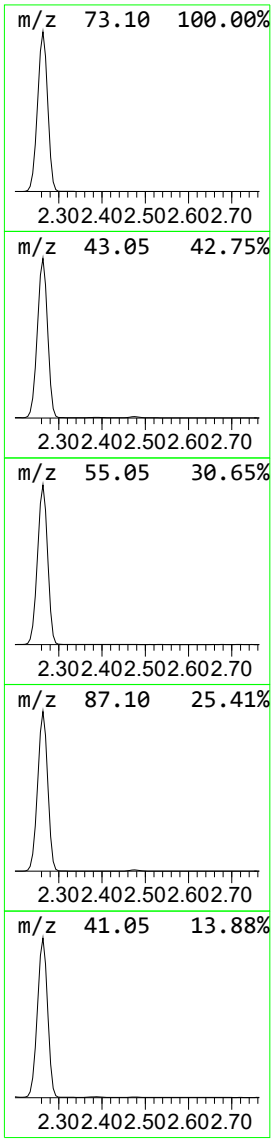
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	89.65 ng	4134330	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument :
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ClientSampleId :
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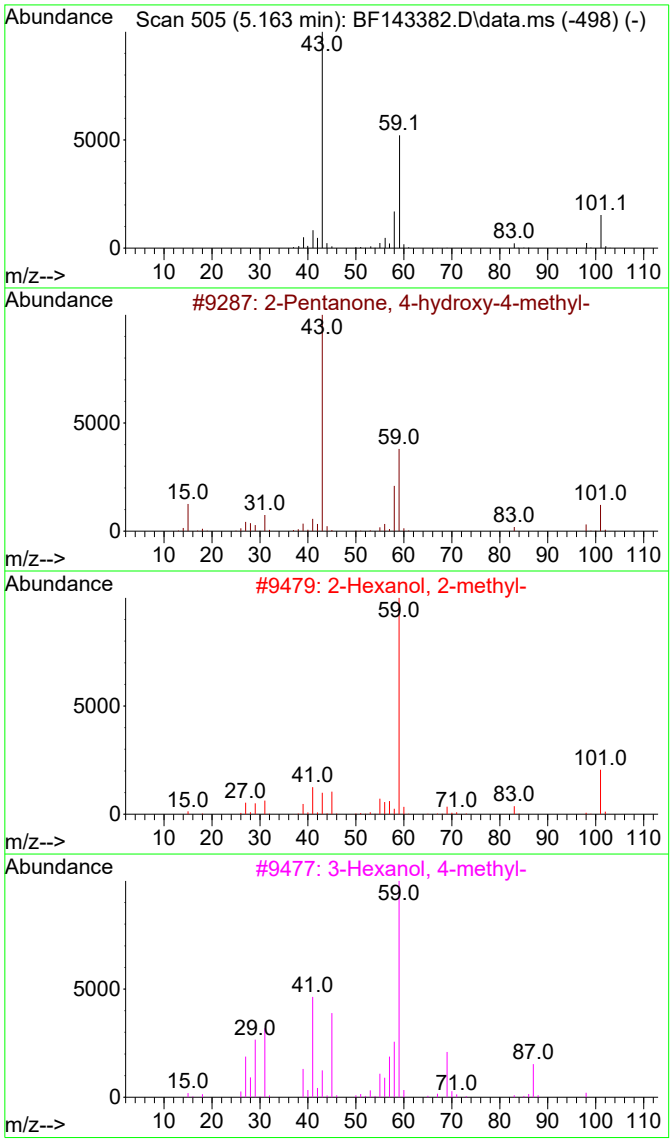
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

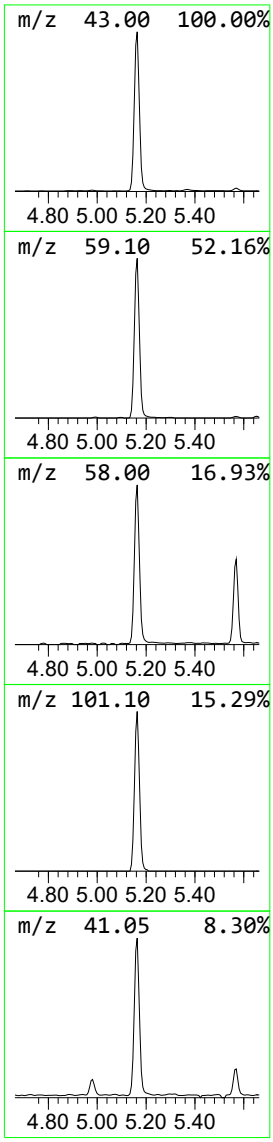
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	10.48 ng	483478	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : Q2814-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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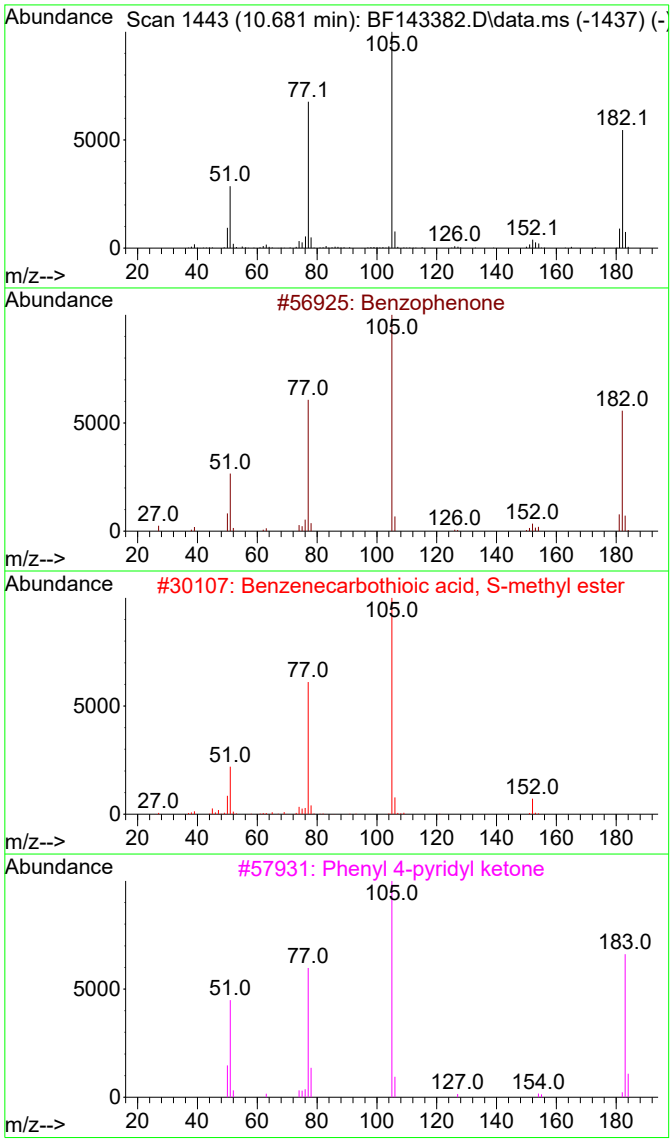
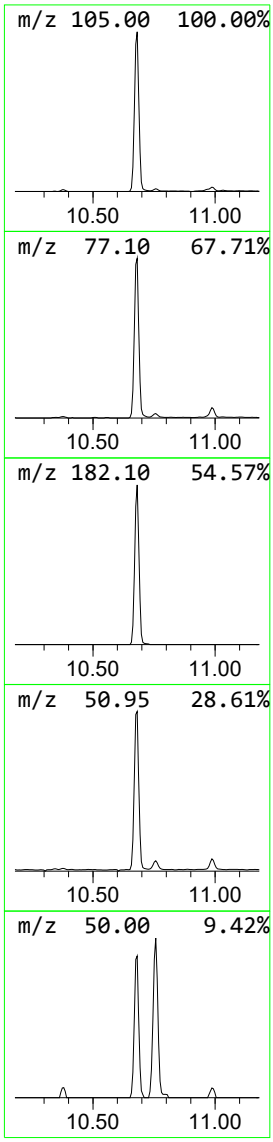
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	4.99 ng	336200	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	50





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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TIC Library : C:\Database\NIST20.L
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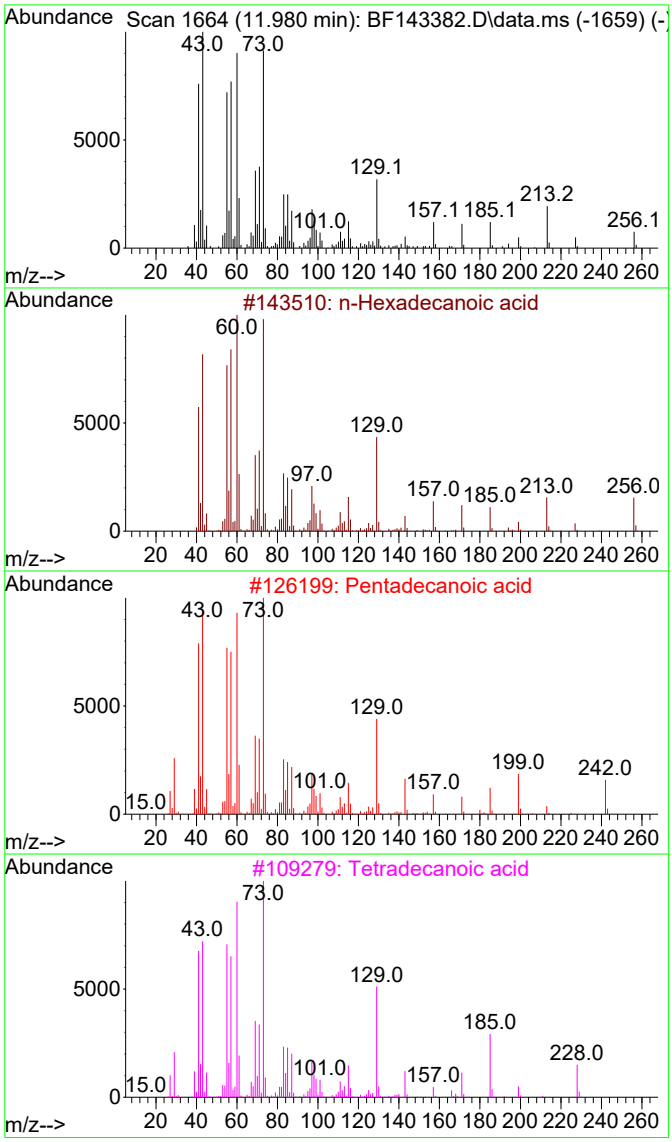
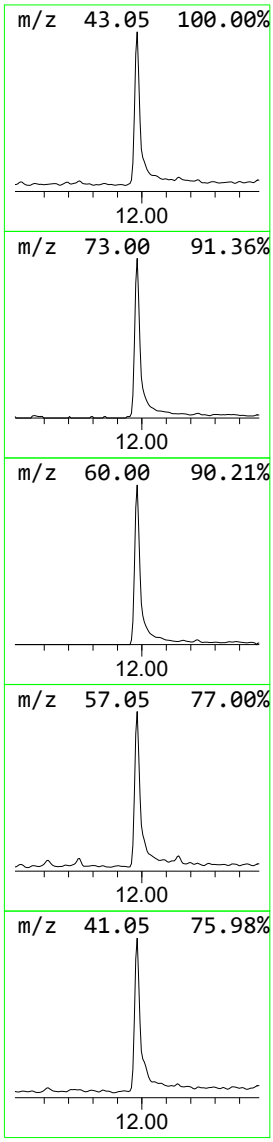
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	6.25 ng	379162	Phenanthrene-d10	11.457

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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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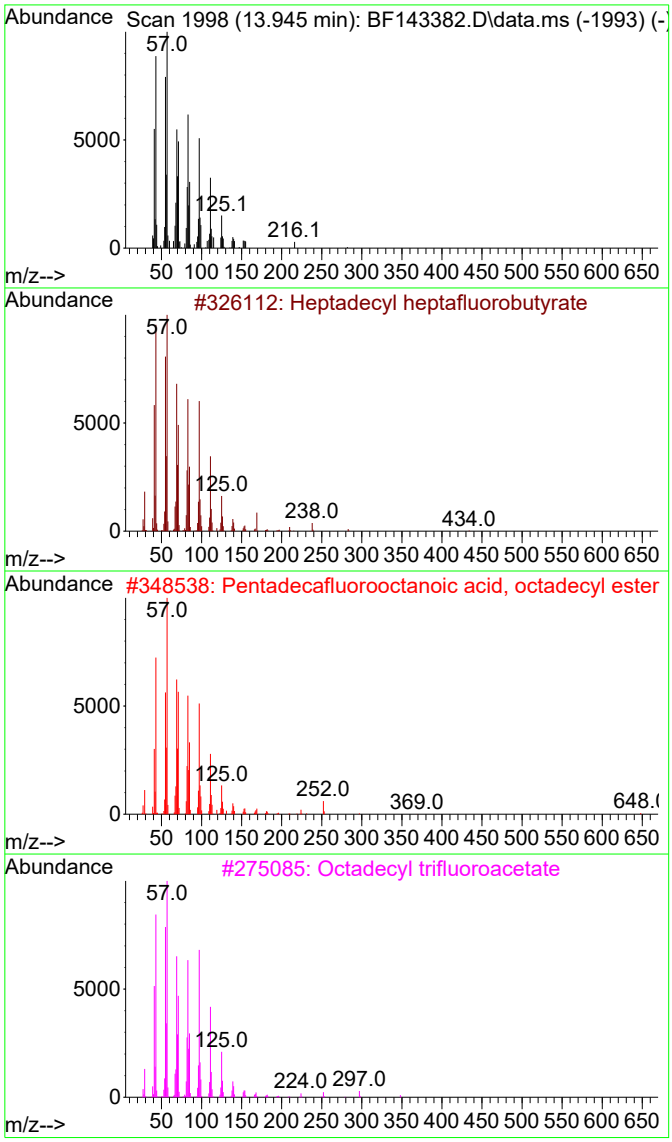
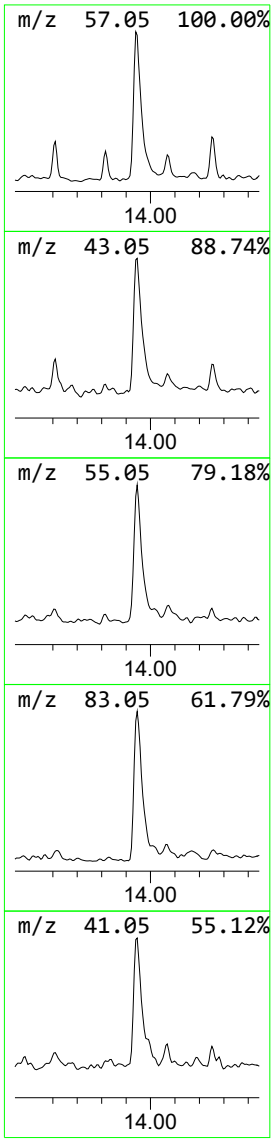
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.20 ng	126908	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.263	89.7	ng	4134330	1	6.934	922299	20.0
2-Pentanone, 4-...	5.163	10.5	ng	483478	1	6.934	922299	20.0
Benzophenone	10.681	5.0	ng	336200	3	9.969	1346560	20.0
n-Hexadecanoic ...	11.980	6.3	ng	379162	4	11.457	1213480	20.0
Heptadecyl hept...	13.945	3.2	ng	126908	5	14.098	793897	20.0