LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143381.D
Acq On : 14 Aug 2025 14:55
Operator : RC/JU
Sample : Q2814-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-17M-W

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: BF143381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	6	15	26	rVB	2738752	4605837	86.11%	13.713%
2	5.169	499	506	522	rVB	261386	394080	7.37%	1.173%
3	5.569	569	574	594	rBV	2140930	2857248	53.42%	8.507%
4	6.563	737	743	771	rBV	1678215	2293295	42.87%	6.828%
5	6.934	801	806	813	rBV	745997	923091	17.26%	2.748%
6	7.492	894	901	906	rBV	2303298	3258081	60.91%	9.701%
7	8.210	1018	1023	1041	rVV	897159	1262954	23.61%	3.760%
8	9.286	1200	1206	1222	rBV	3941582	5349016	100.00%	15.926%
9	9.969	1316	1322	1327	rBV	1047807	1310427	24.50%	3.902%
10	10.681	1438	1443	1450	rBV	334840	425782	7.96%	1.268%
11	10.757	1450	1456	1471	rBV	2283036	3138893	58.68%	9.346%
12	11.457	1570	1575	1582	rBV	890488	1173507	21.94%	3.494%
13	11.980	1658	1664	1689	rBV2	165067	318467	5.95%	0.948%
14	12.192	1696	1700	1705	rVB3	39859	58035	1.08%	0.173%
15	12.763	1789	1797	1804	rBV	63417	99863	1.87%	0.297%
16	12.869	1810	1815	1824	rVB3	46176	65682	1.23%	0.196%
17	13.039	1838	1844	1849	rBV	3359380	4384978	81.98%	13.056%
18	13.945	1992	1998	2013	rBV	56425	155096	2.90%	0.462%
19	14.098	2018	2024	2033	rVV	524853	720616	13.47%	2.146%
20	15.592	2272	2278	2291	rBV	489629	791399	14.80%	2.356%

Sum of corrected areas: 33586347

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Misc :
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Instrument :
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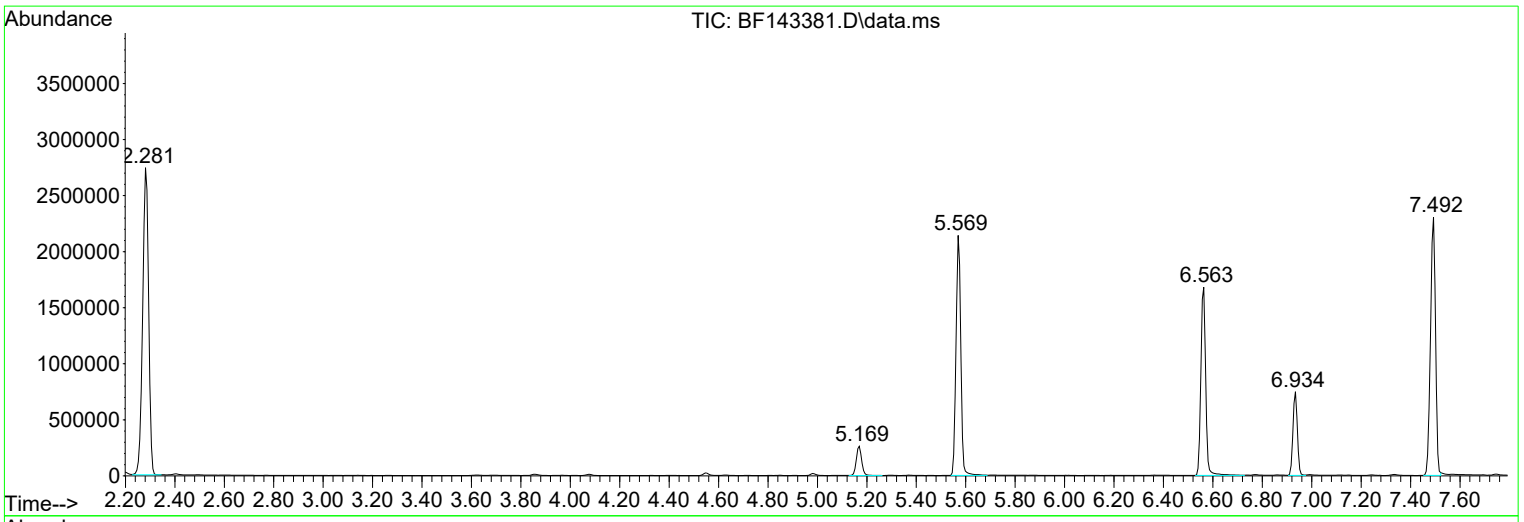
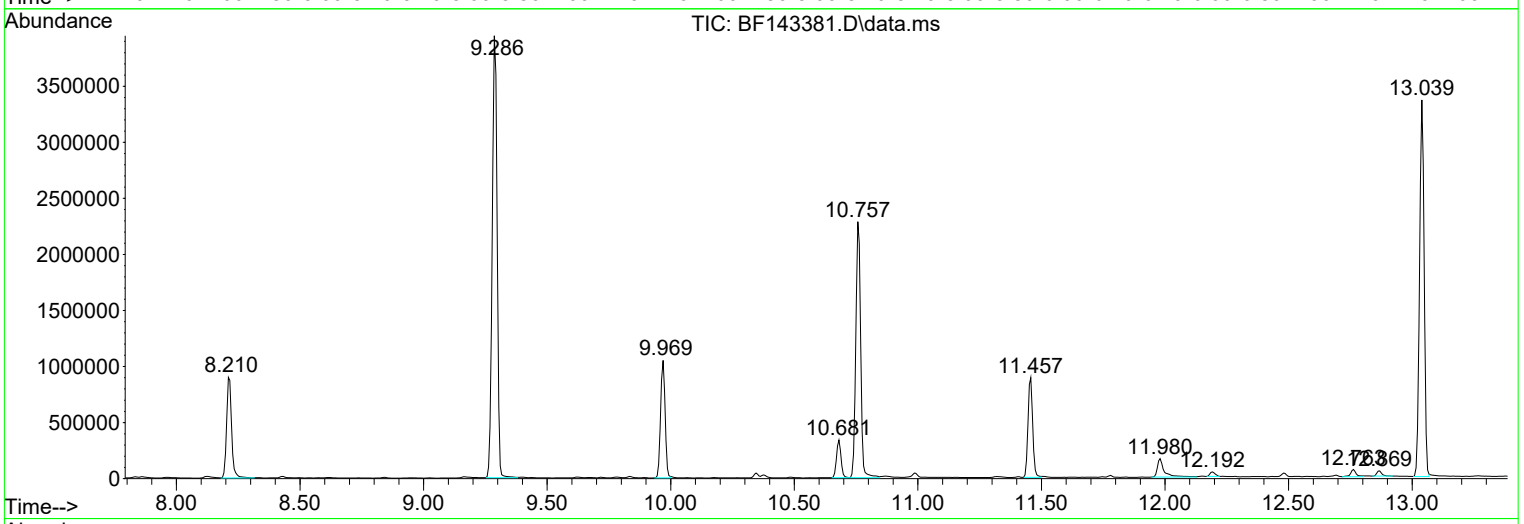
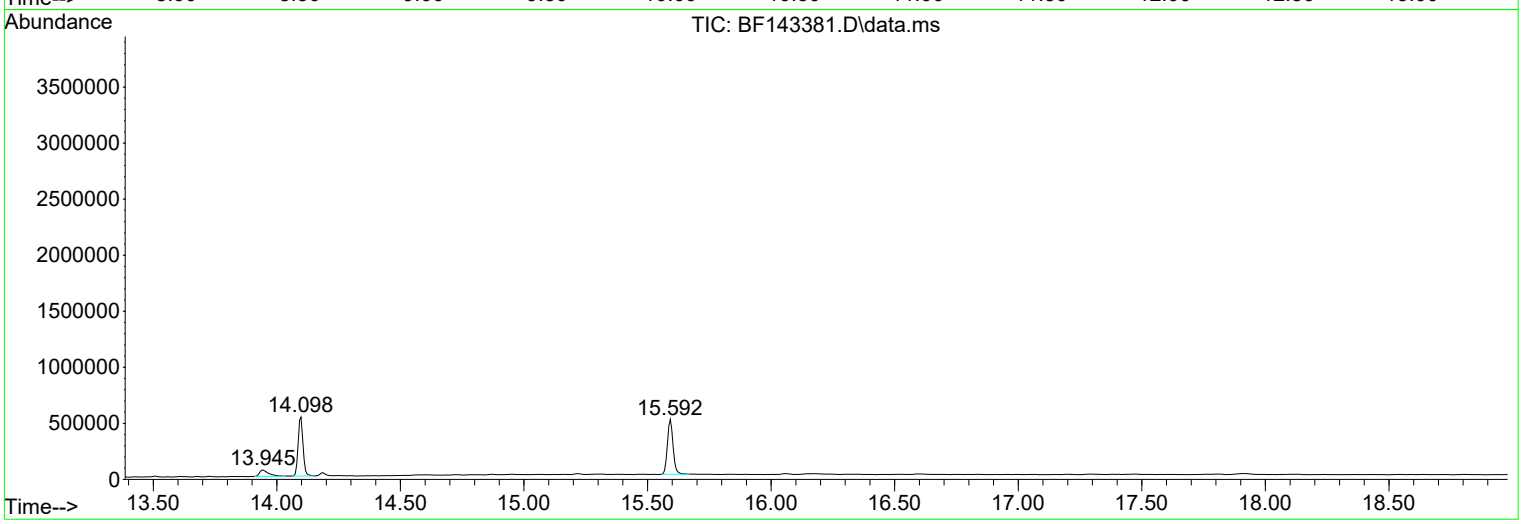
ClientSampleId :
TW-17M-W

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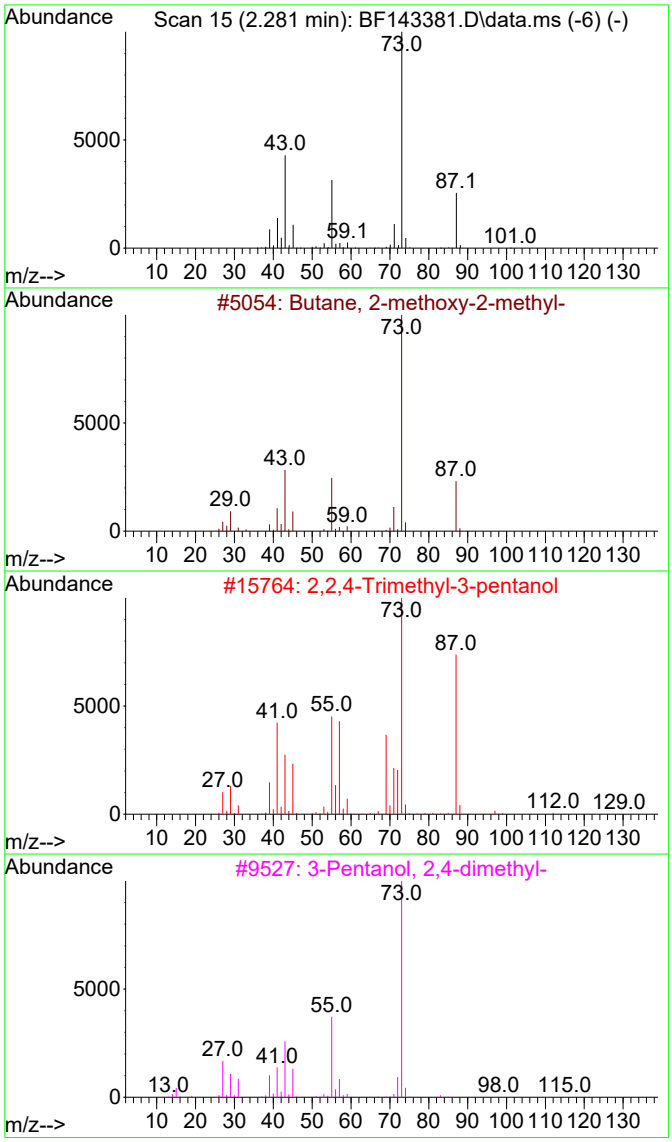
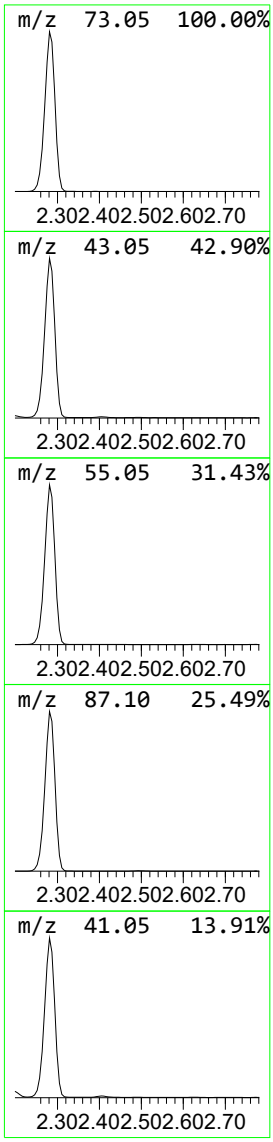
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	99.79 ng	4605840	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	25
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

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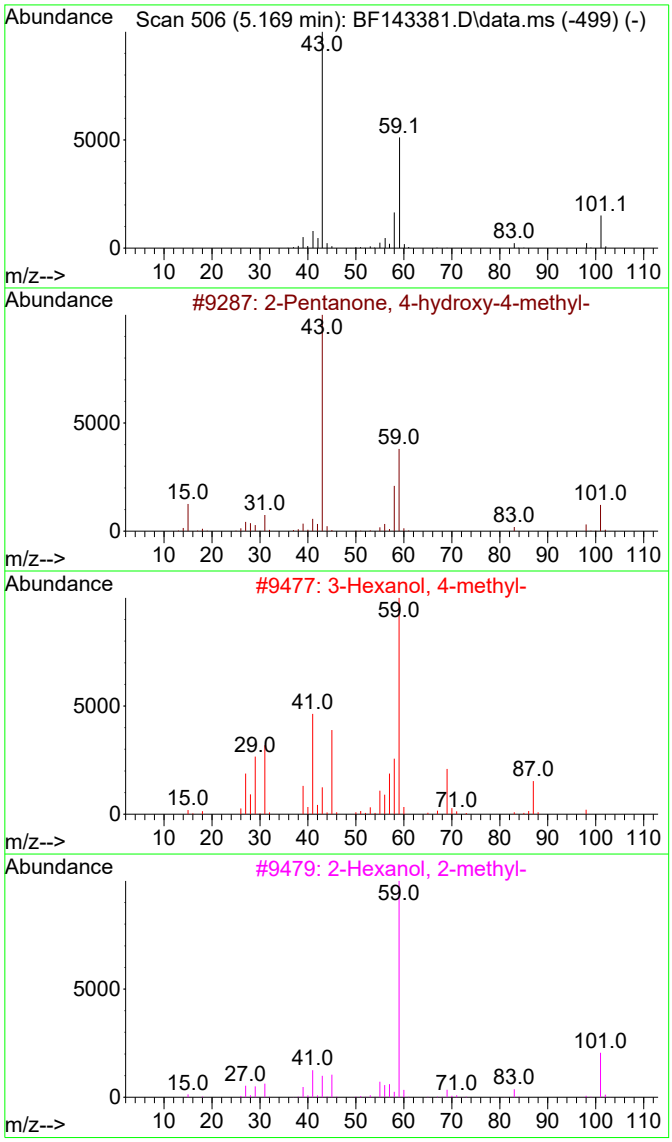
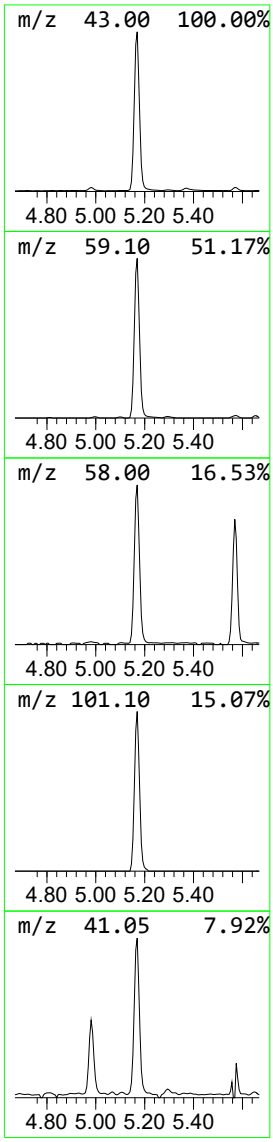
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	8.54 ng	394080	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





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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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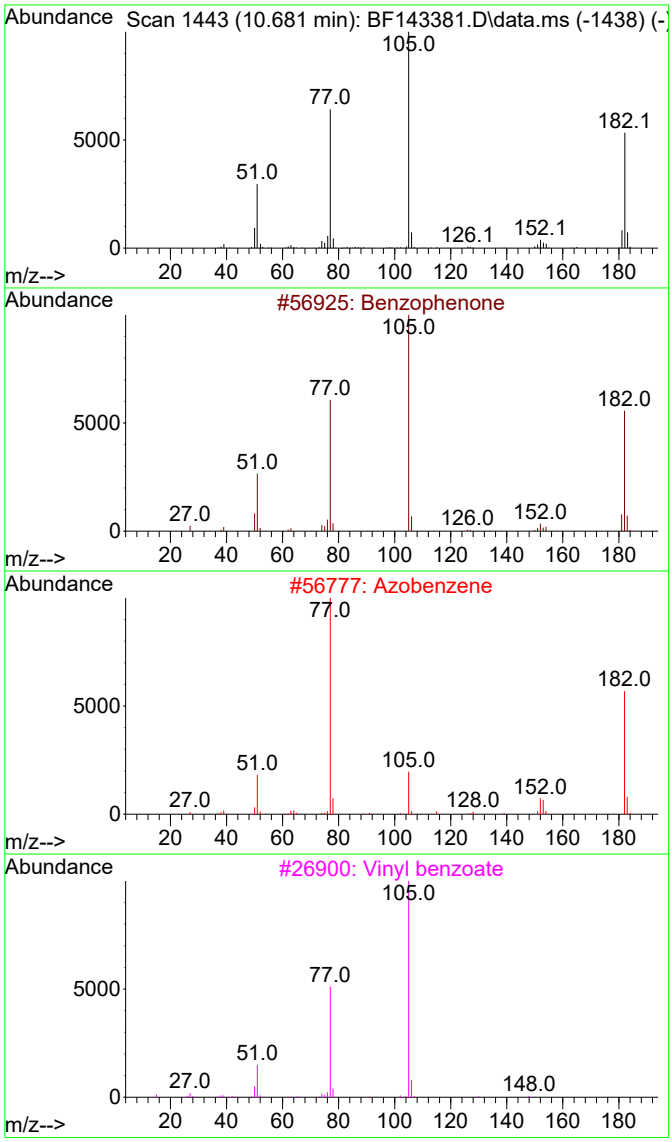
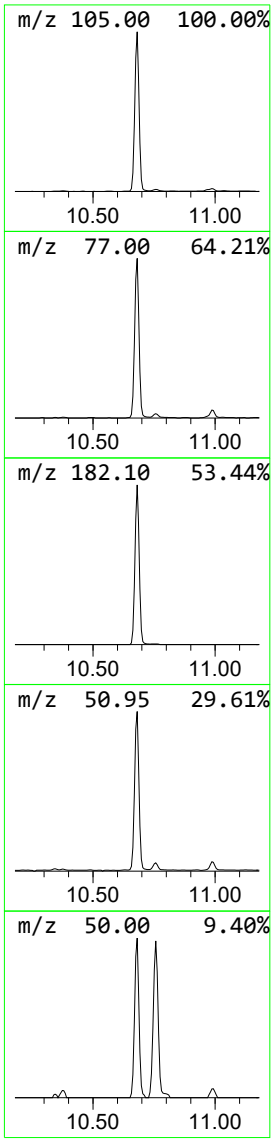
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	6.50 ng	425782	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Vinyl benzoate	148	C9H8O2	000769-78-8	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50





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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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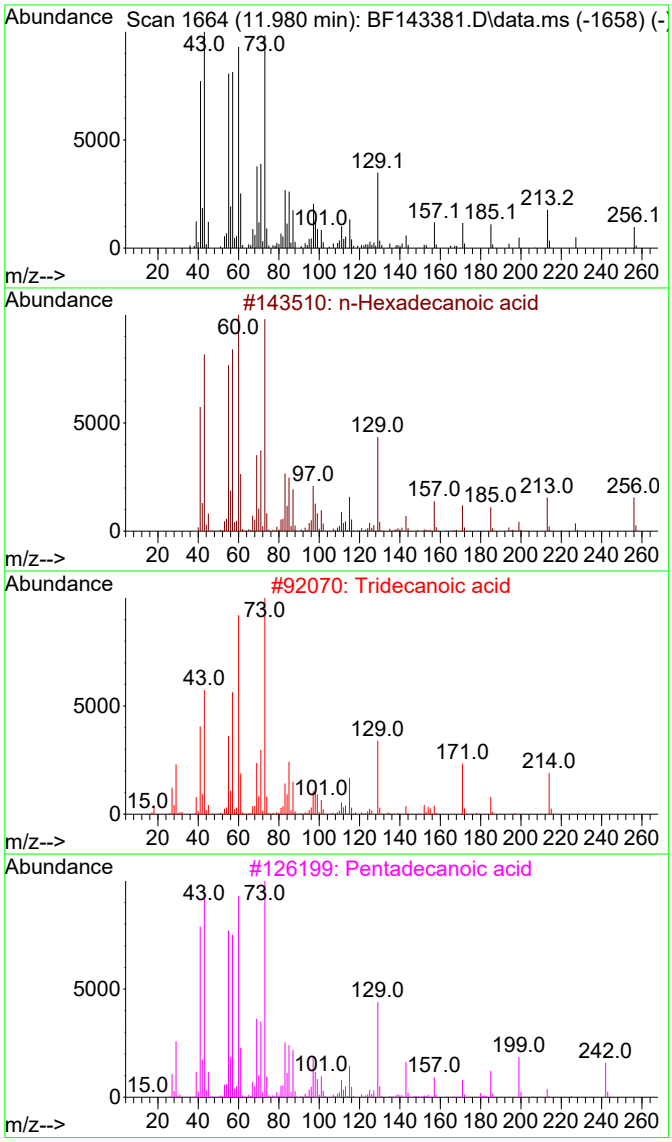
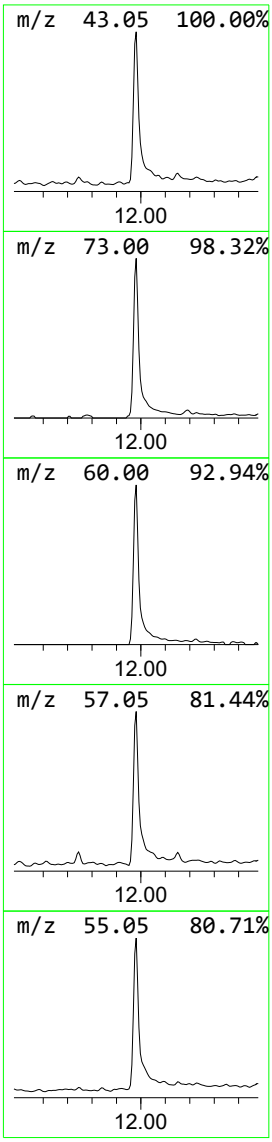
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.43 ng	318467	Phenanthrene-d10	11.457

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	90
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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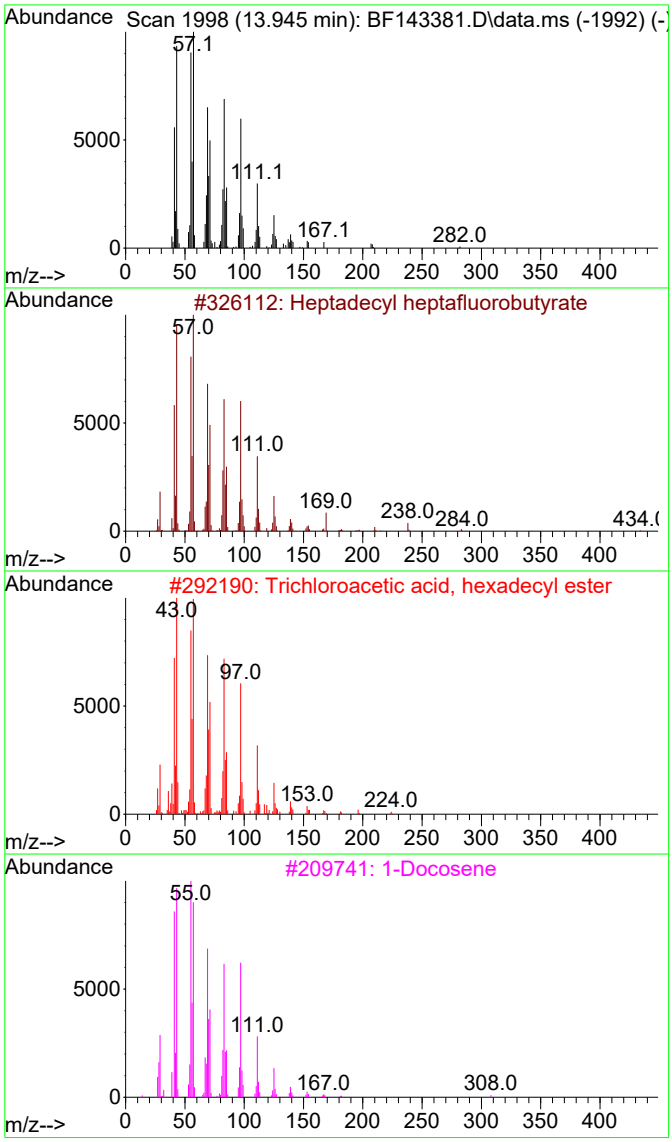
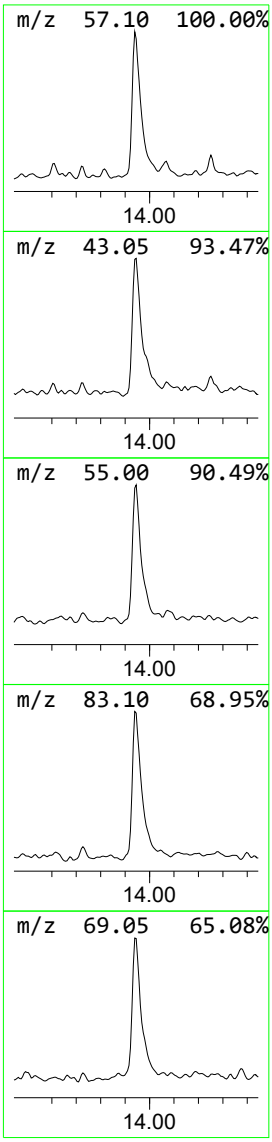
****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	4.30 ng	155096	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





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...	2.281	99.8	ng	4605840	1	6.934	923091	20.0
2-Pentanone, 4-...	5.169	8.5	ng	394080	1	6.934	923091	20.0
Benzophenone	10.681	6.5	ng	425782	3	9.969	1310430	20.0
n-Hexadecanoic ...	11.980	5.4	ng	318467	4	11.457	1173510	20.0
Heptadecyl hept...	13.945	4.3	ng	155096	5	14.098	720616	20.0