LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143391.D
Acq On : 14 Aug 2025 19:56
Operator : RC/JU
Sample : Q2814-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-BP-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: BF143391.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	5	15	27	rVB	2731173	4533842	89.94%	14.242%
2	5.169	497	506	523	rVB	220091	334425	6.63%	1.050%
3	5.569	569	574	594	rVB	1998323	2633496	52.24%	8.272%
4	6.563	737	743	772	rBV	1540332	2106248	41.78%	6.616%
5	6.934	801	806	812	rBV	713259	877664	17.41%	2.757%
6	7.492	894	901	906	rBV	2194625	3069701	60.89%	9.643%
7	8.216	1018	1024	1039	rBV	841759	1172020	23.25%	3.682%
8	8.328	1039	1043	1049	rVB	52855	70415	1.40%	0.221%
9	8.810	1120	1125	1129	rVB2	36017	52973	1.05%	0.166%
10	9.286	1200	1206	1218	rBV	3704255	5041137	100.00%	15.835%
11	9.969	1316	1322	1332	rBV	1014653	1283707	25.46%	4.032%
12	10.345	1381	1386	1391	rBV	324211	403251	8.00%	1.267%
13	10.680	1437	1443	1450	rBV	350458	444885	8.83%	1.397%
14	10.757	1450	1456	1472	rBV	2156672	2924993	58.02%	9.188%
15	11.457	1569	1575	1584	rBV	859580	1132330	22.46%	3.557%
16	11.974	1658	1663	1679	rBV3	58057	123387	2.45%	0.388%
17	13.039	1838	1844	1849	rBV	3148325	4121622	81.76%	12.947%
18	13.945	1992	1998	2013	rBV4	24065	72768	1.44%	0.229%
19	14.098	2018	2024	2034	rBV	481731	668151	13.25%	2.099%
20	15.592	2272	2278	2290	rBV	469326	768063	15.24%	2.413%

Sum of corrected areas: 31835078

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Instrument :
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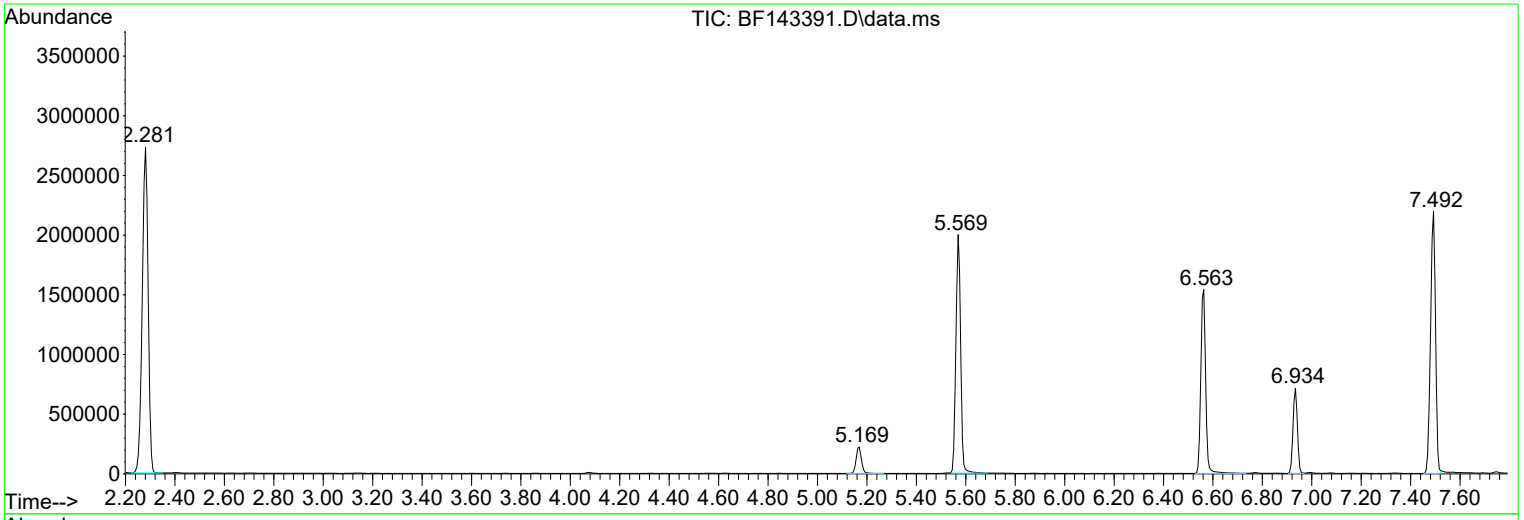
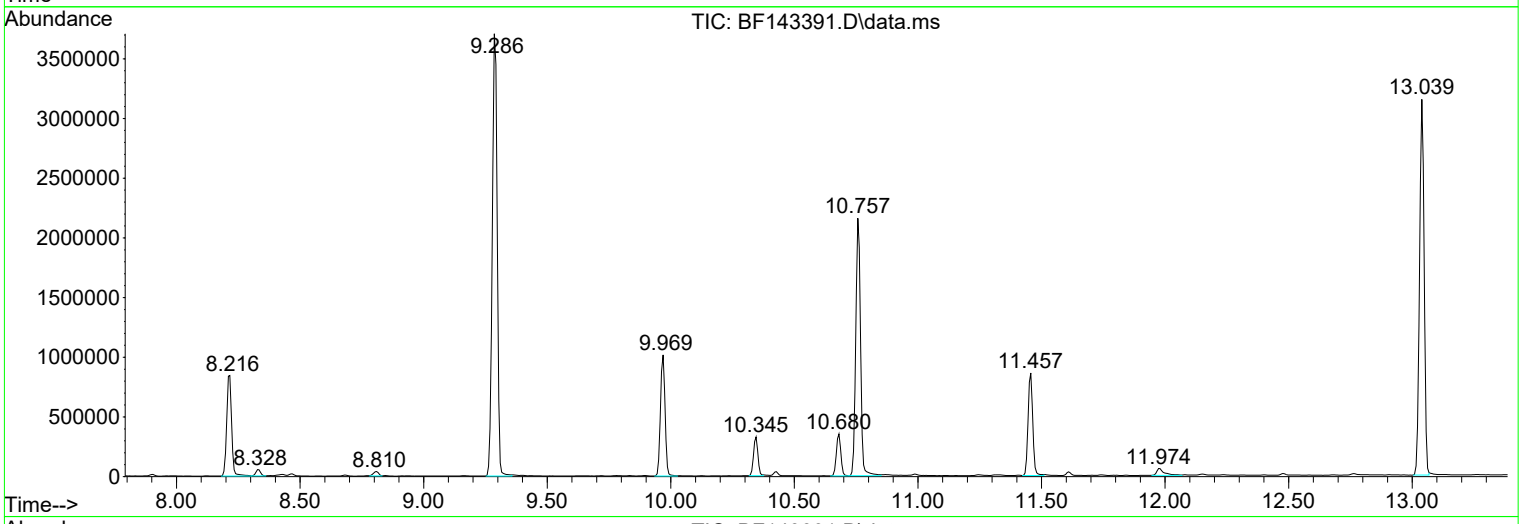
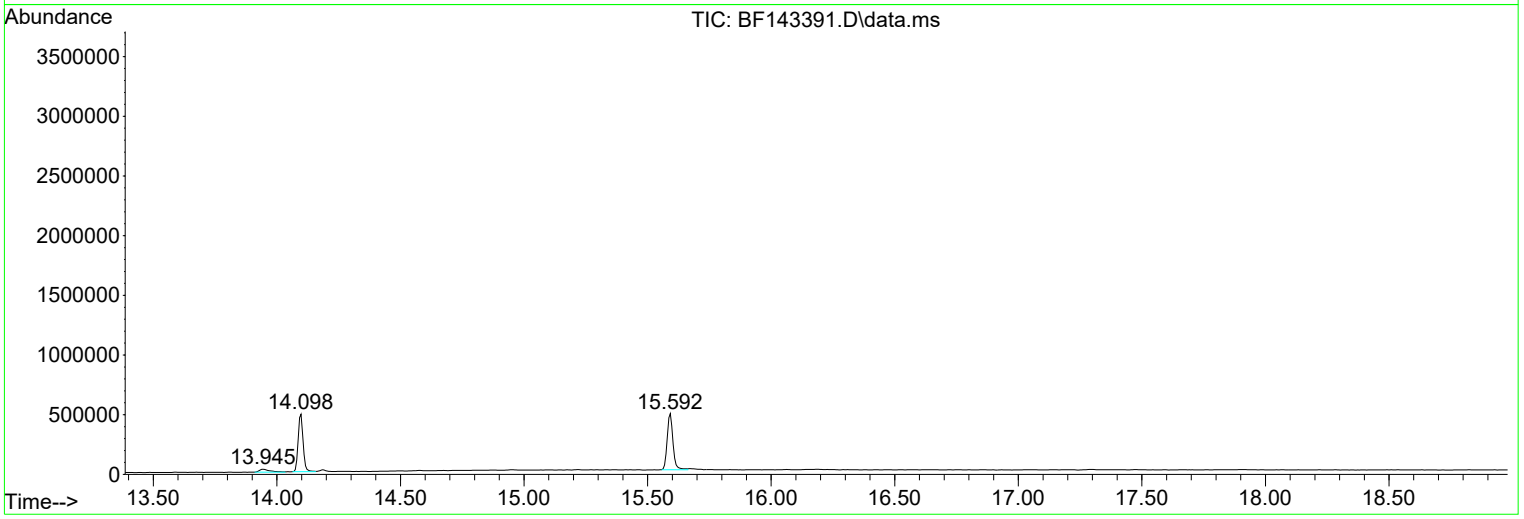
ClientSampleId :
TW-BP-N

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

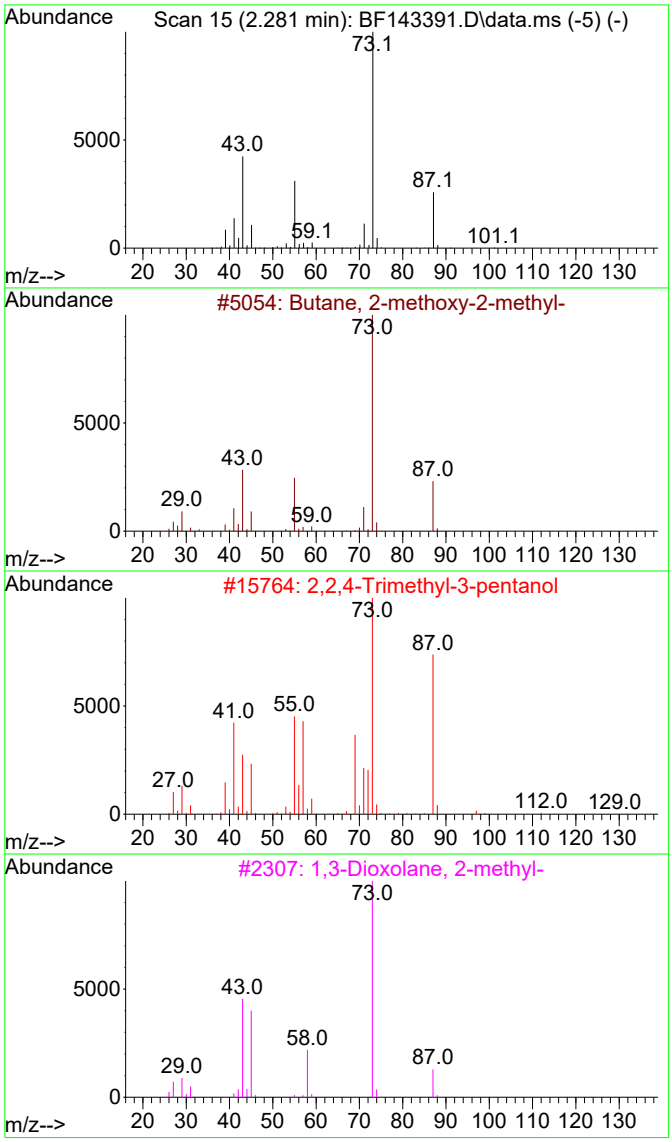
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

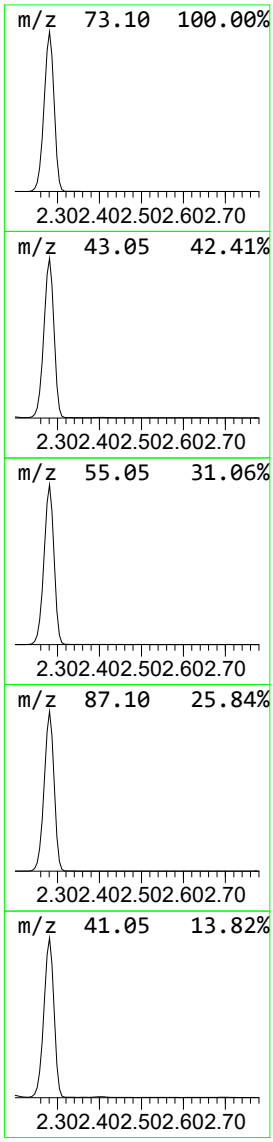
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	103.32 ng	4533840	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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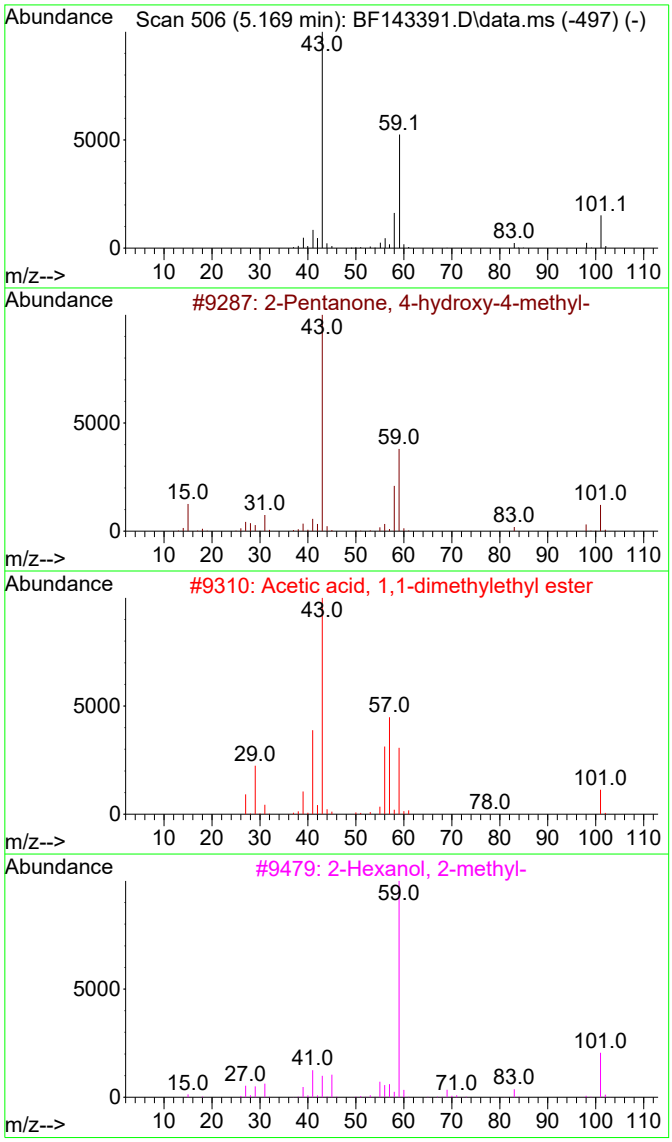
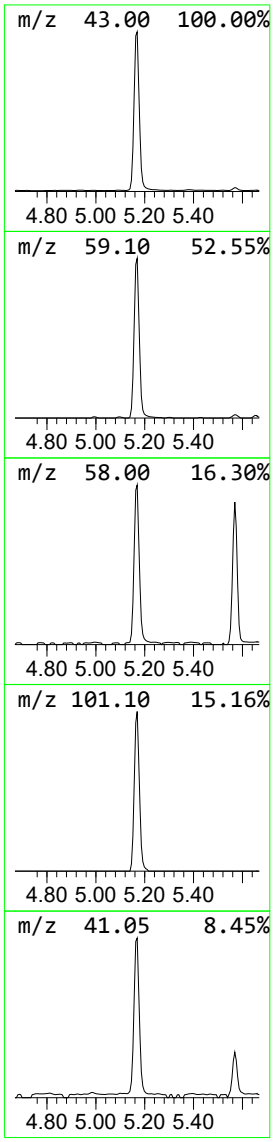
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	7.62 ng	334425	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Acq On : 14 Aug 2025 19:56
Operator : RC/JU
Sample : Q2814-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-BP-N

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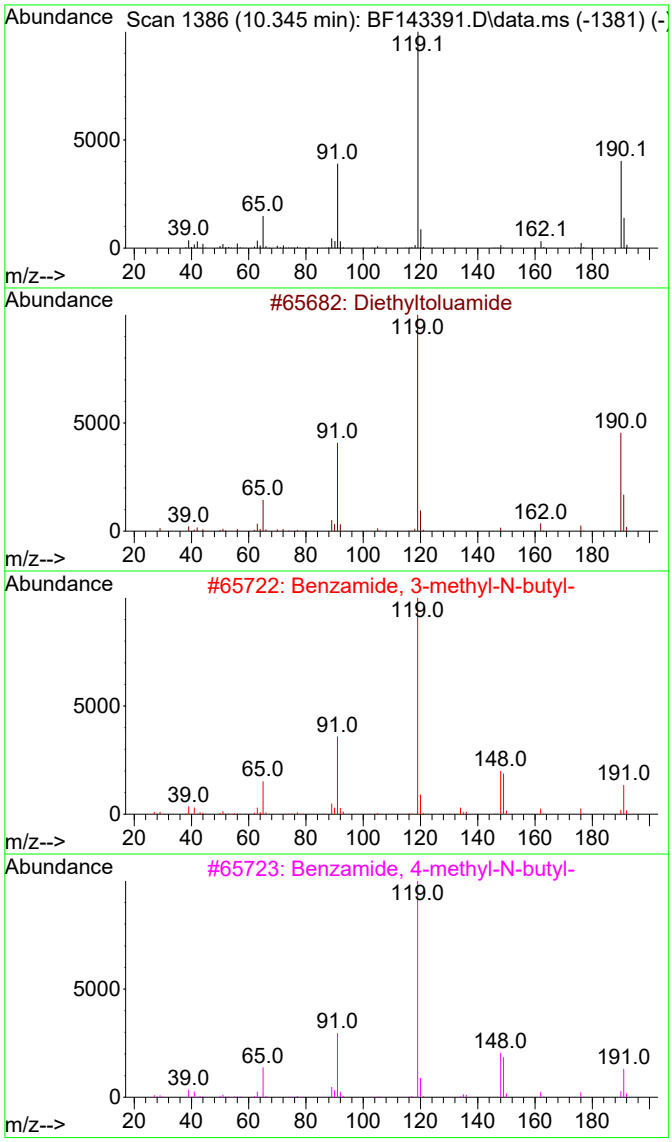
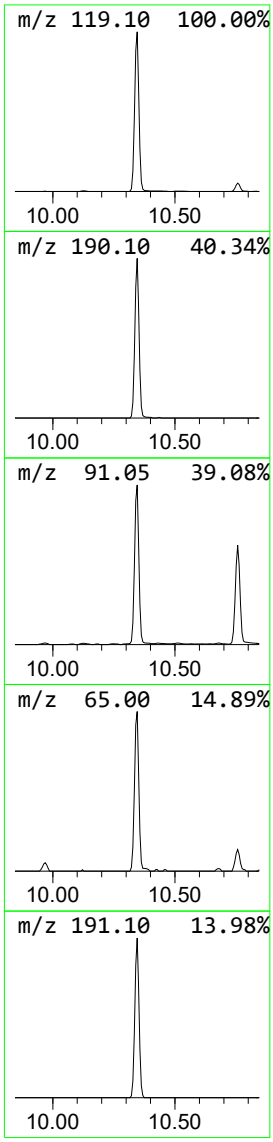
Peak Number 3 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	6.28 ng	403251	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
3	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	76
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	74





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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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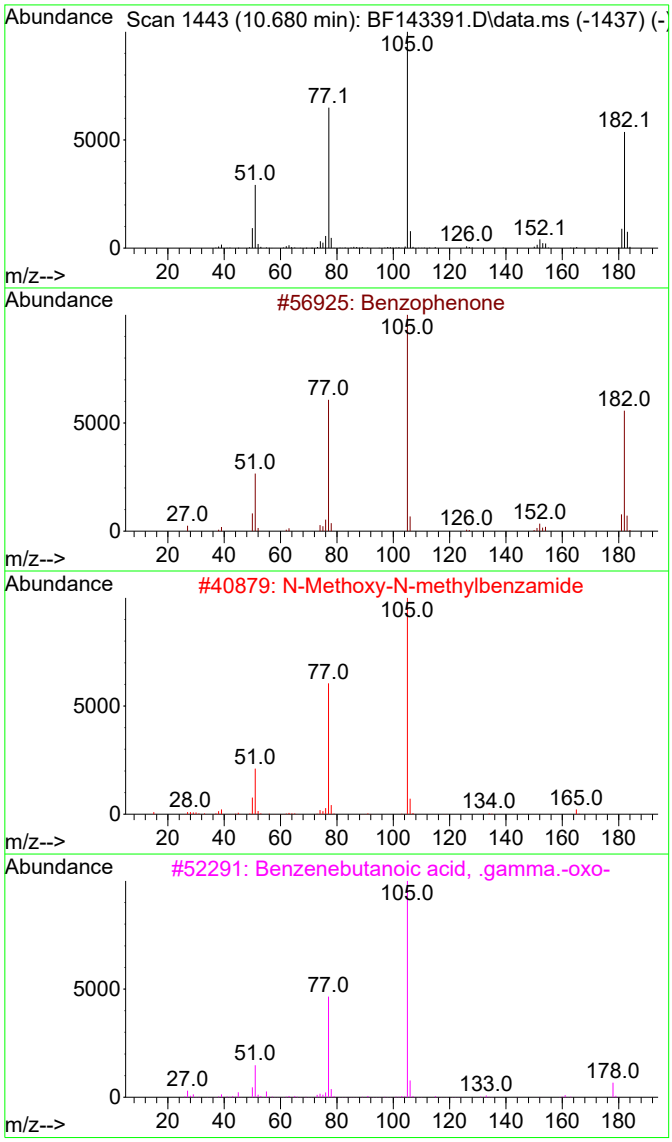
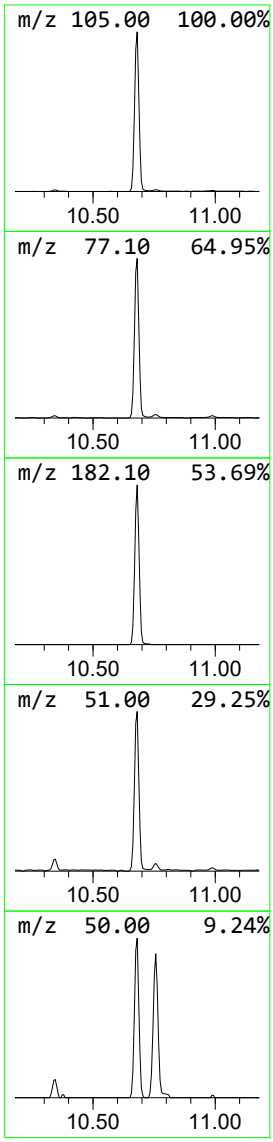
Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	6.93 ng	444885	Acenaphthene-d10	9.969

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	50
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50
5	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	50





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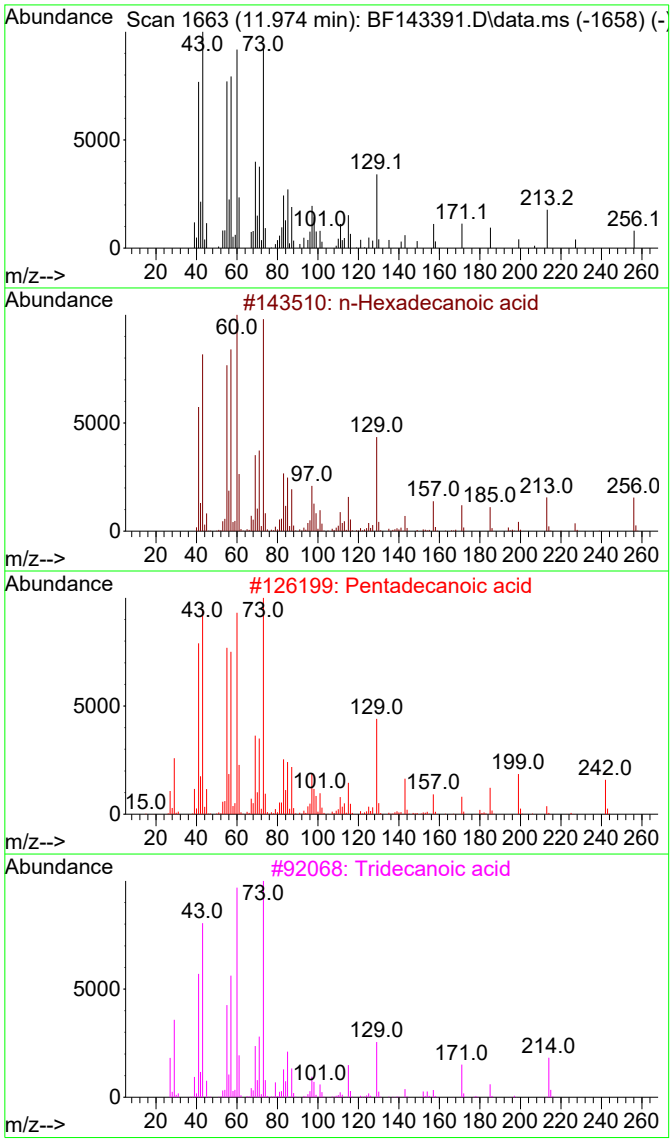
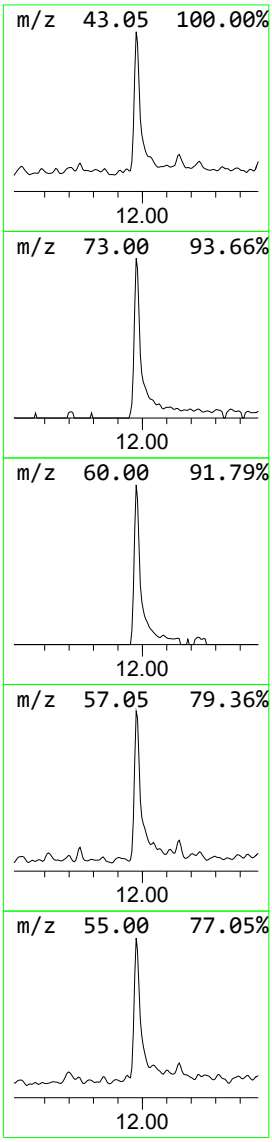
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	2.18 ng	123387	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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	22





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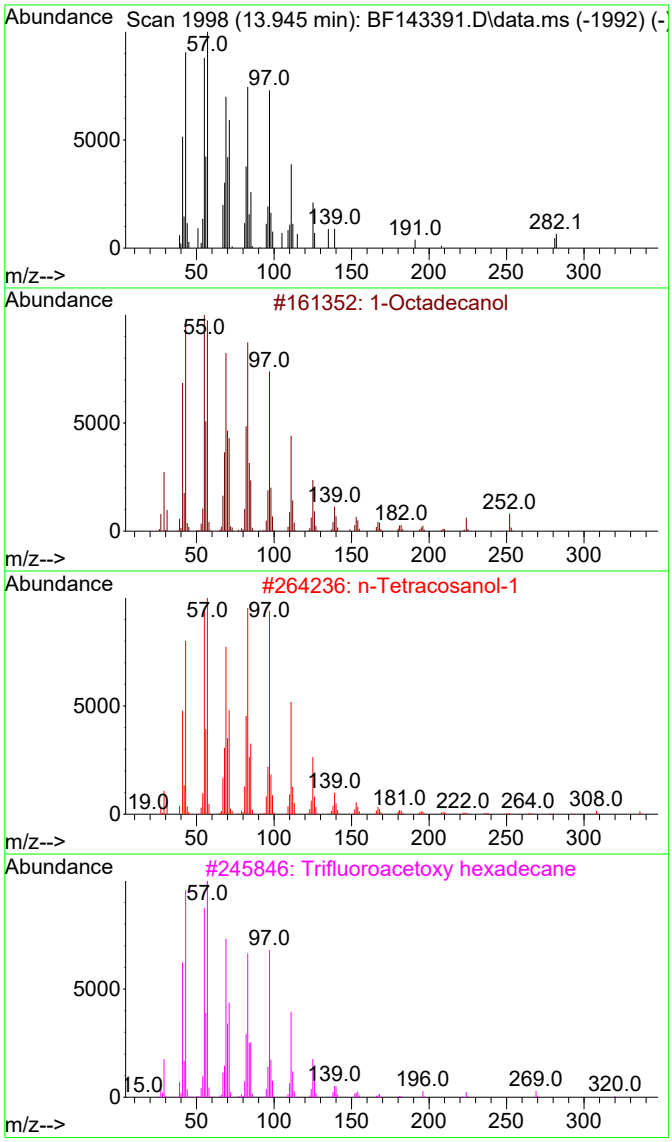
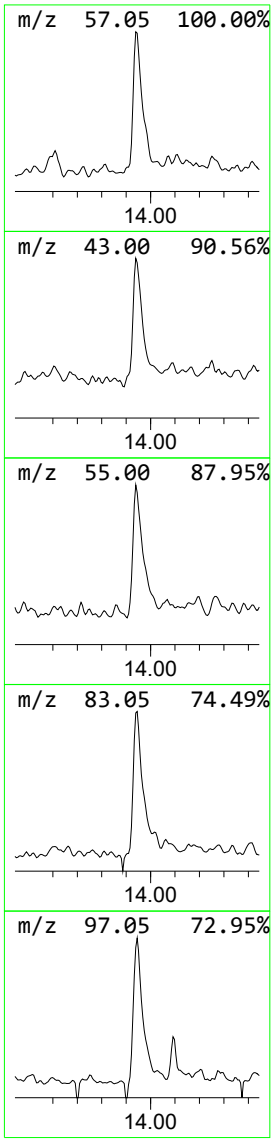
Peak Number 6 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	2.18 ng	72768	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.281	103.3	ng	4533840	1	6.934	877664	20.0
2-Pentanone, 4-...	5.169	7.6	ng	334425	1	6.934	877664	20.0
Diethyltoluamide	10.345	6.3	ng	403251	3	9.969	1283710	20.0
Benzophenone	10.680	6.9	ng	444885	3	9.969	1283710	20.0
n-Hexadecanoic ...	11.974	2.2	ng	123387	4	11.457	1132330	20.0
1-Octadecanol	13.945	2.2	ng	72768	5	14.098	668151	20.0