LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143551.D
Acq On : 22 Aug 2025 02:19
Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18B-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	5	14	26	rVB	2186021	3596581	100.00%	16.525%
2	5.157	495	504	511	rBV2	74454	130617	3.63%	0.600%
3	5.563	567	573	593	rBV	1041213	1378432	38.33%	6.333%
4	6.557	737	742	762	rBV	778614	1034566	28.77%	4.753%
5	6.922	799	804	811	rBV	509978	644947	17.93%	2.963%
6	7.104	828	835	842	rVB	53635	69009	1.92%	0.317%
7	7.486	893	900	905	rBV	1417562	1975268	54.92%	9.076%
8	7.945	973	978	982	rBV2	30228	40515	1.13%	0.186%
9	8.228	1023	1026	1032	rVB	1171700	1573096	43.74%	7.228%
10	9.016	1156	1160	1165	rVB	192238	244719	6.80%	1.124%
11	9.280	1199	1205	1210	rBV	2571040	3284414	91.32%	15.090%
12	9.963	1312	1321	1324	rBV	710609	909615	25.29%	4.179%
13	9.992	1324	1326	1330	rVB	156777	171945	4.78%	0.790%
14	10.169	1352	1356	1363	rBV	27251	36047	1.00%	0.166%
15	10.510	1410	1414	1417	rBV2	37203	49531	1.38%	0.228%
16	10.545	1417	1420	1426	rVB	35948	51285	1.43%	0.236%
17	10.674	1437	1442	1448	rBV	86357	118576	3.30%	0.545%
18	10.751	1449	1455	1468	rBV	1310957	1765544	49.09%	8.112%
19	11.451	1569	1574	1581	rBV	572989	759991	21.13%	3.492%
20	11.680	1610	1613	1616	rBV	62382	94547	2.63%	0.434%
21	13.039	1838	1844	1849	rVB	2013052	2595637	72.17%	11.926%
22	14.092	2018	2023	2033	rVB	455145	603965	16.79%	2.775%
23	15.592	2272	2278	2294	rBV	381166	635976	17.68%	2.922%

Sum of corrected areas: 21764823

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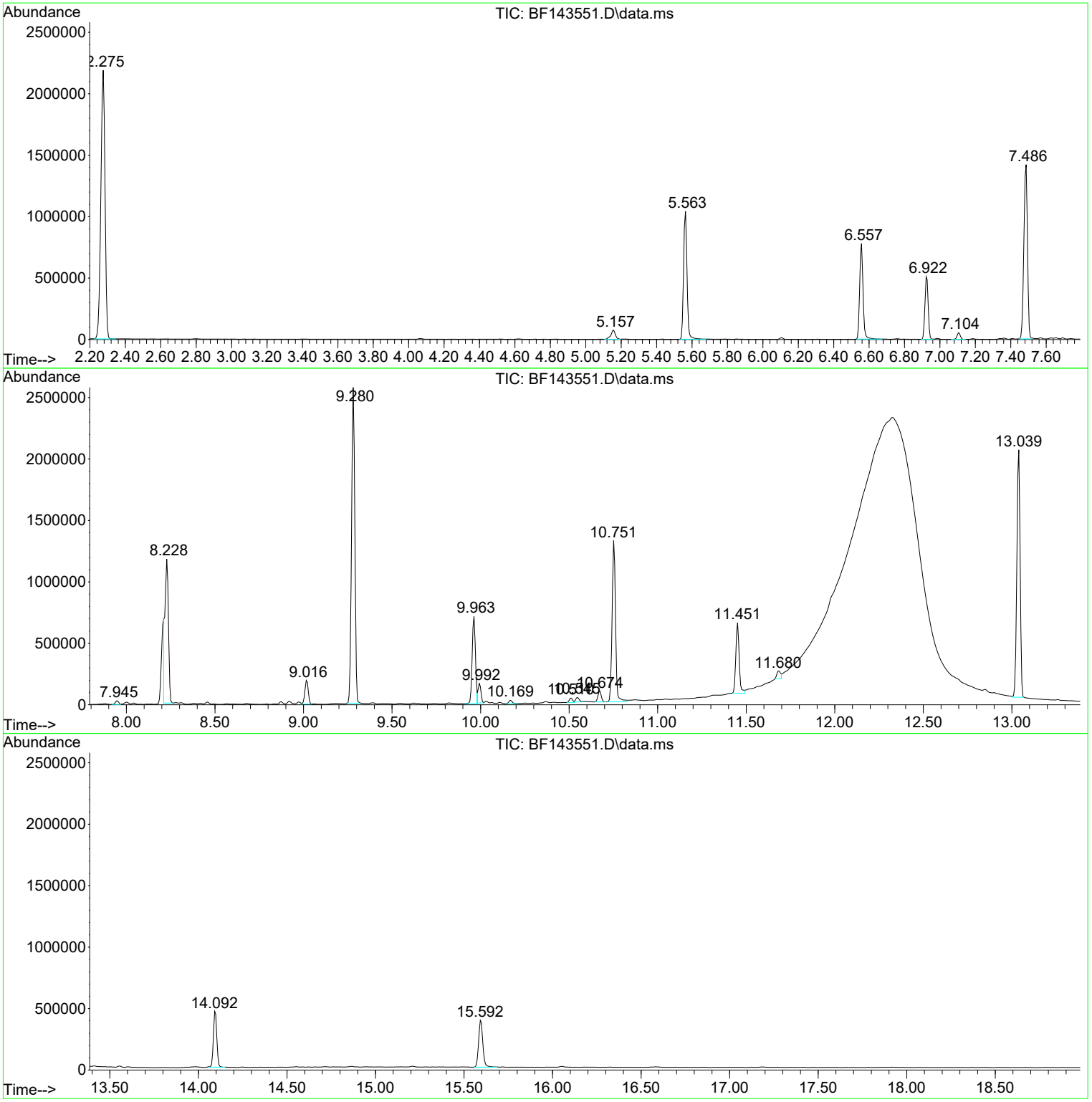
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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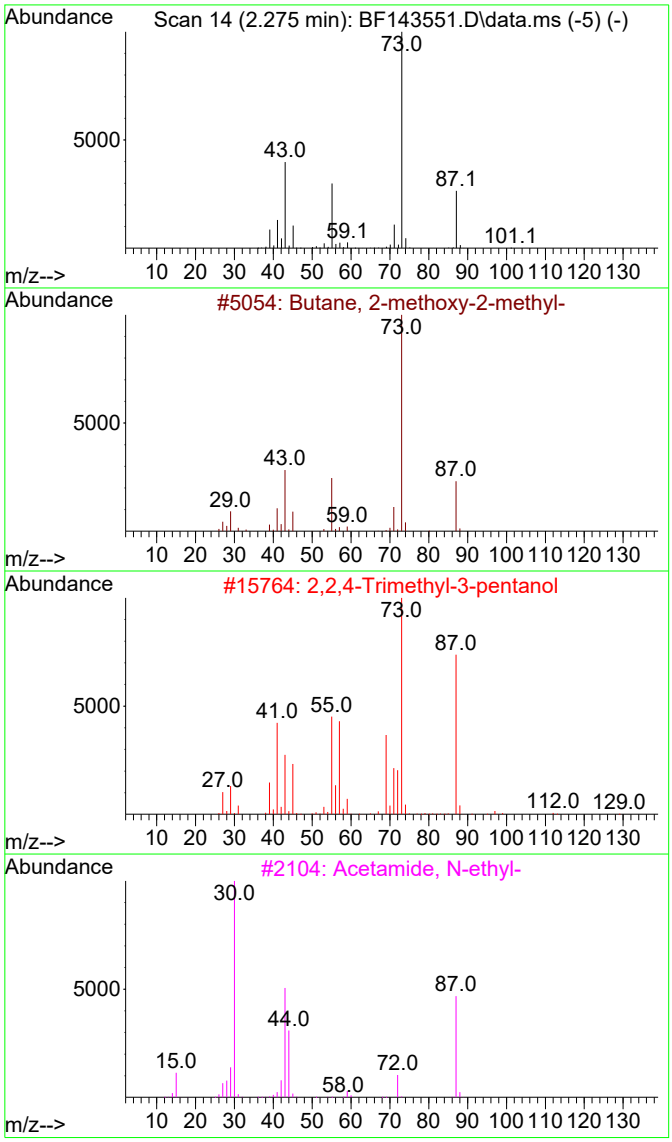
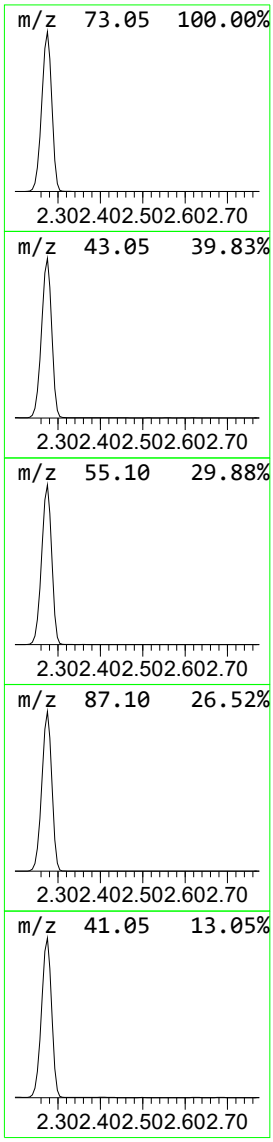
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	111.53 ng	3596580	1,4-Dichlorobenzene-d4	6.922

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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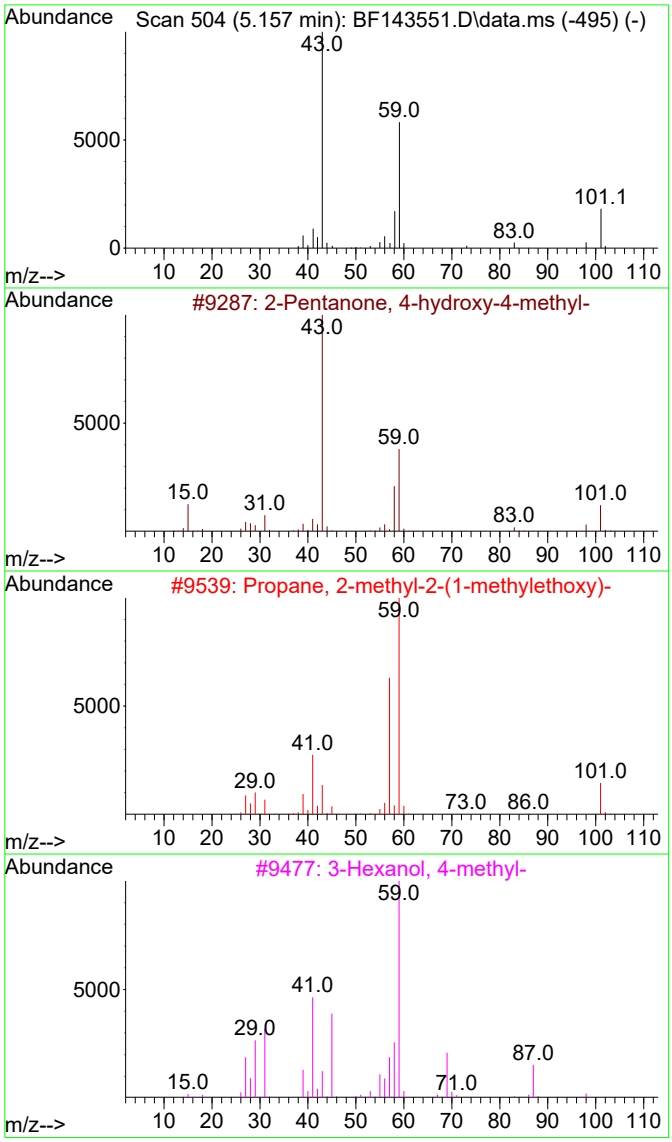
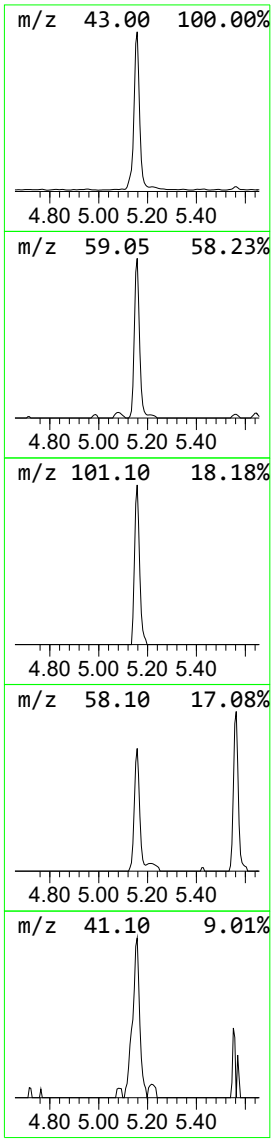
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.05 ng	130617	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	1,2-Butanediol	90	C4H10O2	000584-03-2	25





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Operator : RC/JU
Sample : Q2903-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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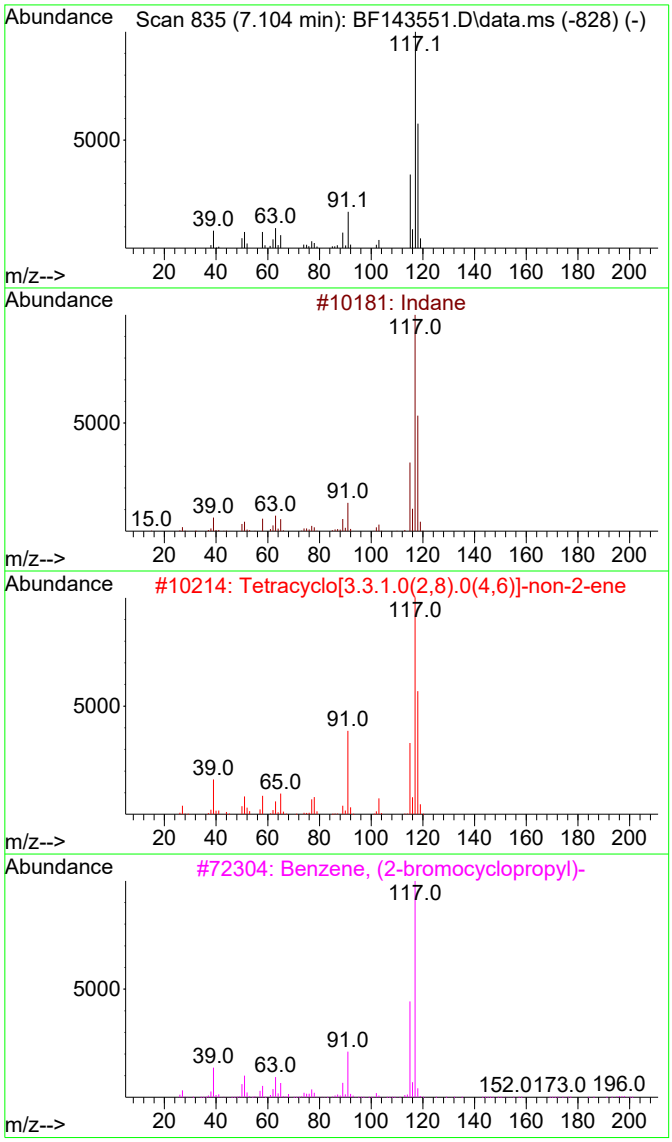
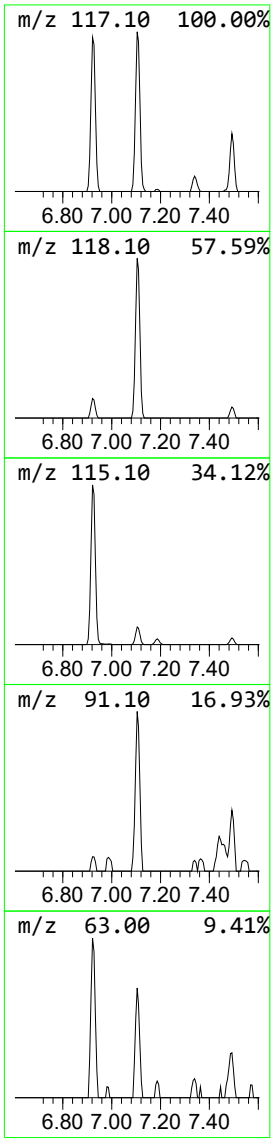
Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	2.14 ng	69009	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





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Sample : Q2903-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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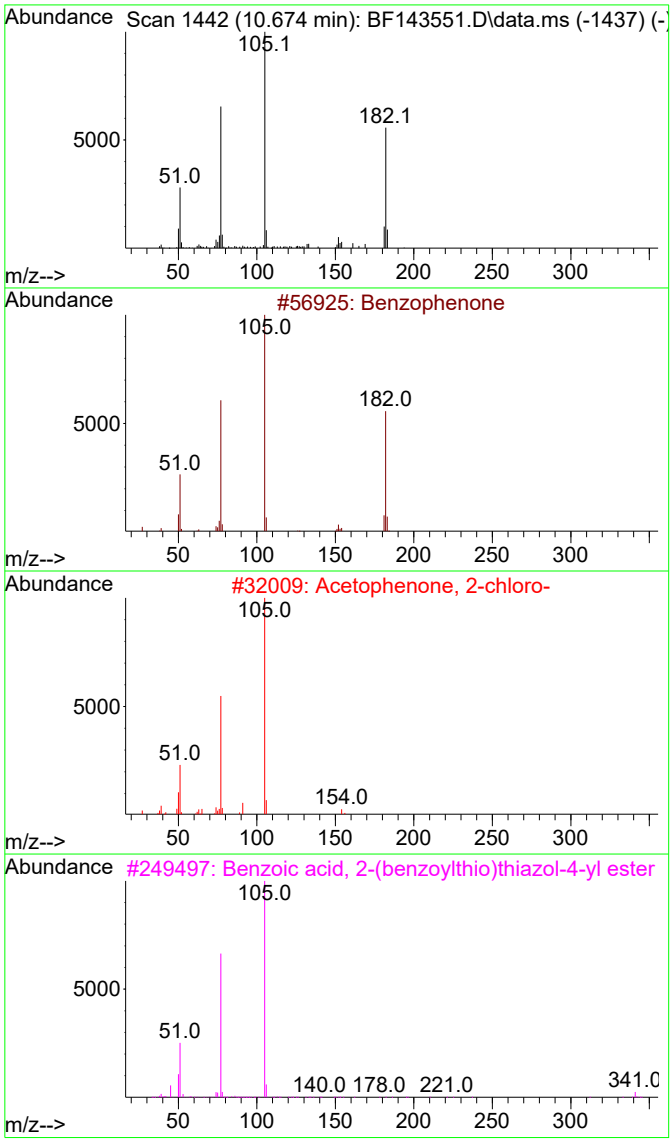
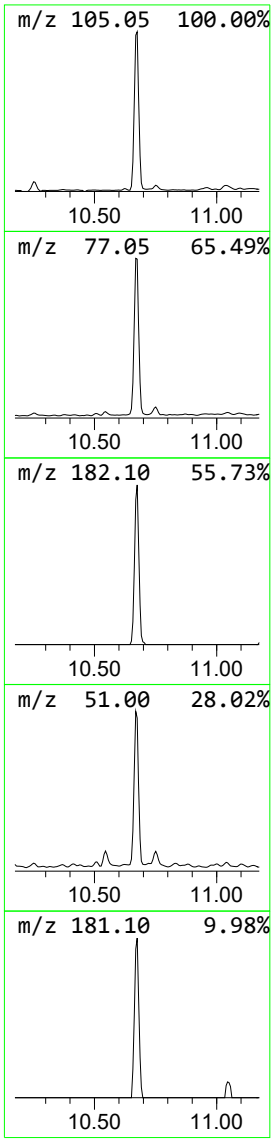
Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.61 ng	118576	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	5-Nitro-6-(2-oxo-2-phenylethyl)-...	310	C16H10N2O5	1000489-20-6	47





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...	2.275	111.5	ng	3596580	1	6.922	644947	20.0
2-Pentanone, 4-...	5.157	4.0	ng	130617	1	6.922	644947	20.0
Indane	7.104	2.1	ng	69009	1	6.922	644947	20.0
Benzophenone	10.675	2.6	ng	118576	3	9.963	909615	20.0