LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141451.D
Acq On : 05 Feb 2025 17:08
Operator : RC/JU
Sample : Q1282-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.799	112	120	130	rVB	197013	363750	12.54%	2.523%
2	3.199	181	188	221	rBV	82121	229020	7.90%	1.589%
3	4.981	483	491	498	rBV	18746	29563	1.02%	0.205%
4	5.410	559	564	578	rVB	736652	997609	34.39%	6.920%
5	6.040	665	671	684	rBV	80940	108095	3.73%	0.750%
6	6.428	731	737	753	rBV	431946	613257	21.14%	4.254%
7	6.787	793	798	805	rBV	363414	448627	15.47%	3.112%
8	6.851	805	809	827	rVV	44315	61897	2.13%	0.429%
9	7.351	888	894	899	rBV	1247158	1650976	56.92%	11.451%
10	7.675	943	949	955	rBV	94474	130104	4.49%	0.902%
11	8.069	1011	1016	1034	rVB	452870	588855	20.30%	4.084%
12	9.151	1194	1200	1205	rBV	2191701	2900642	100.00%	20.119%
13	9.828	1309	1315	1329	rVB	501340	652714	22.50%	4.527%
14	10.539	1432	1436	1443	rBV	53856	67542	2.33%	0.468%
15	10.616	1443	1449	1467	rBV	1266071	1639027	56.51%	11.369%
16	11.310	1562	1567	1574	rBV	479999	626489	21.60%	4.345%
17	12.904	1832	1838	1843	rBV	1925638	2506536	86.41%	17.386%
18	13.957	2011	2017	2029	rVB	288351	379185	13.07%	2.630%
19	15.427	2260	2267	2280	rBV	267138	423312	14.59%	2.936%

Sum of corrected areas: 14417200

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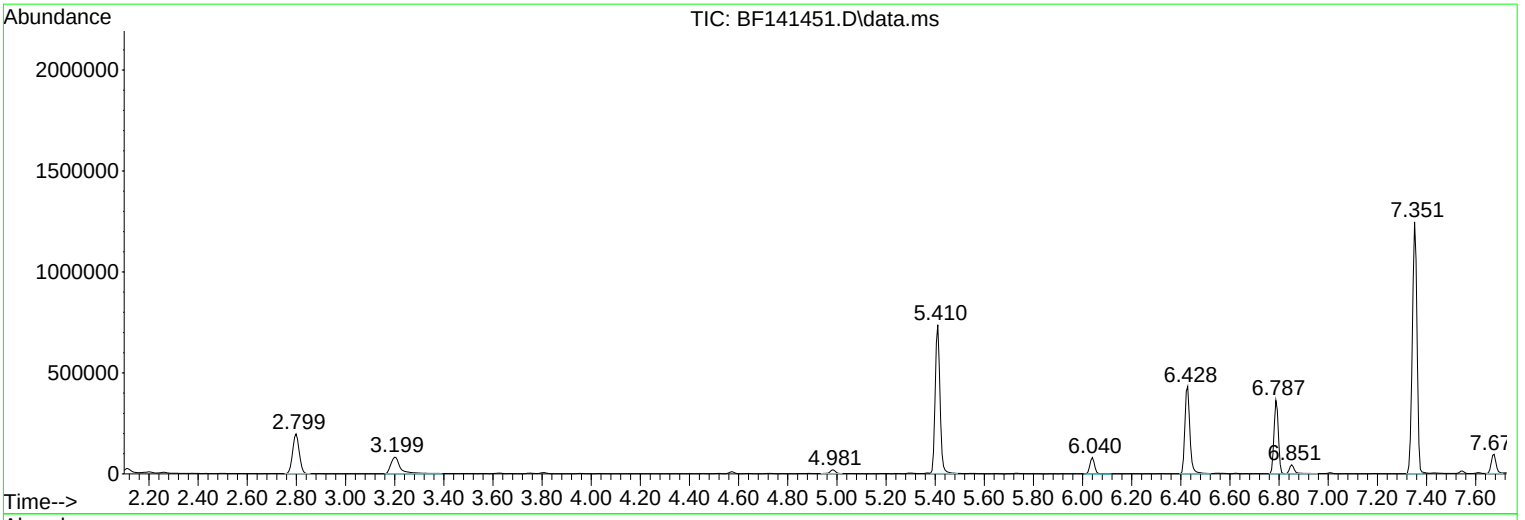
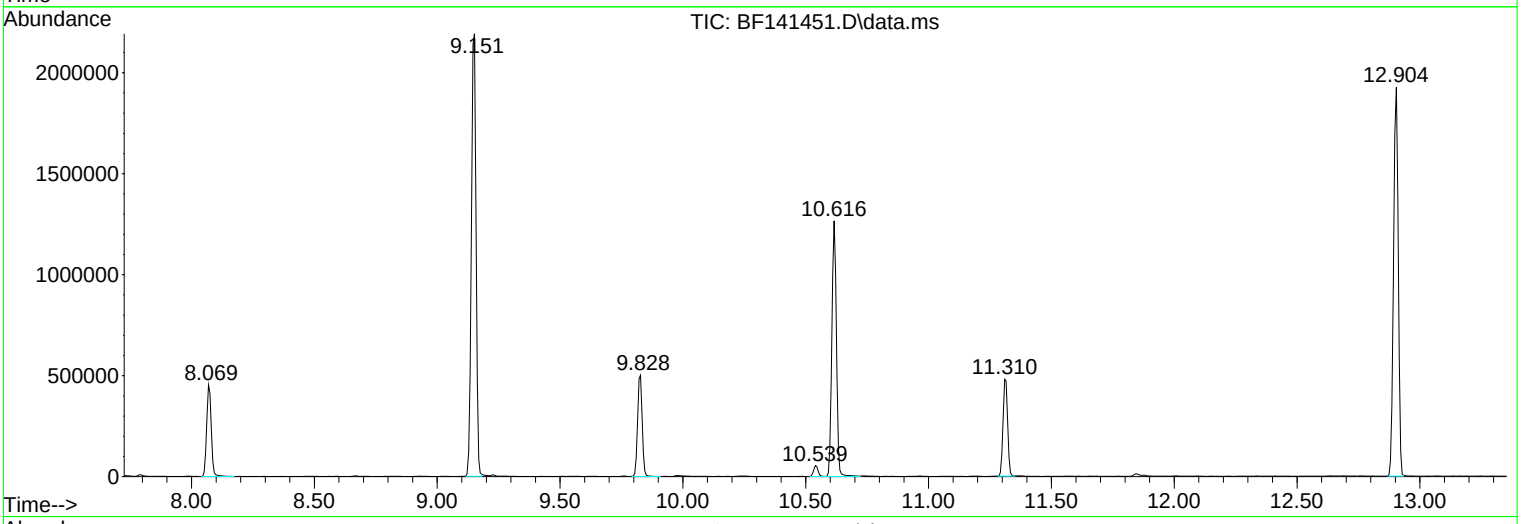
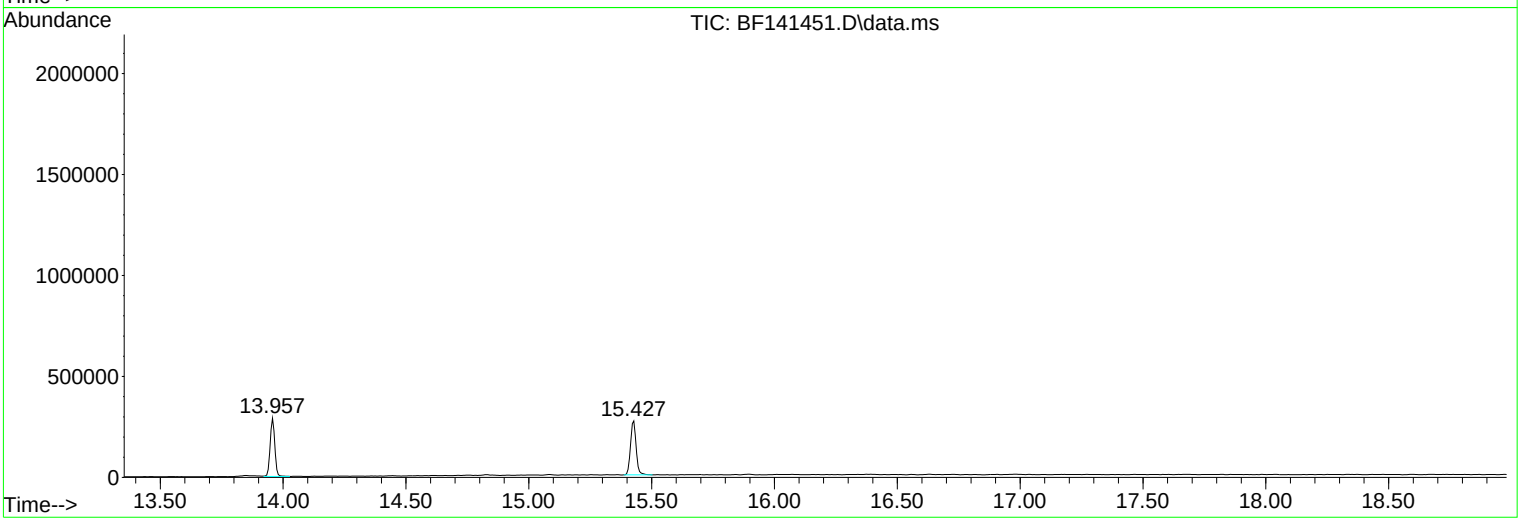
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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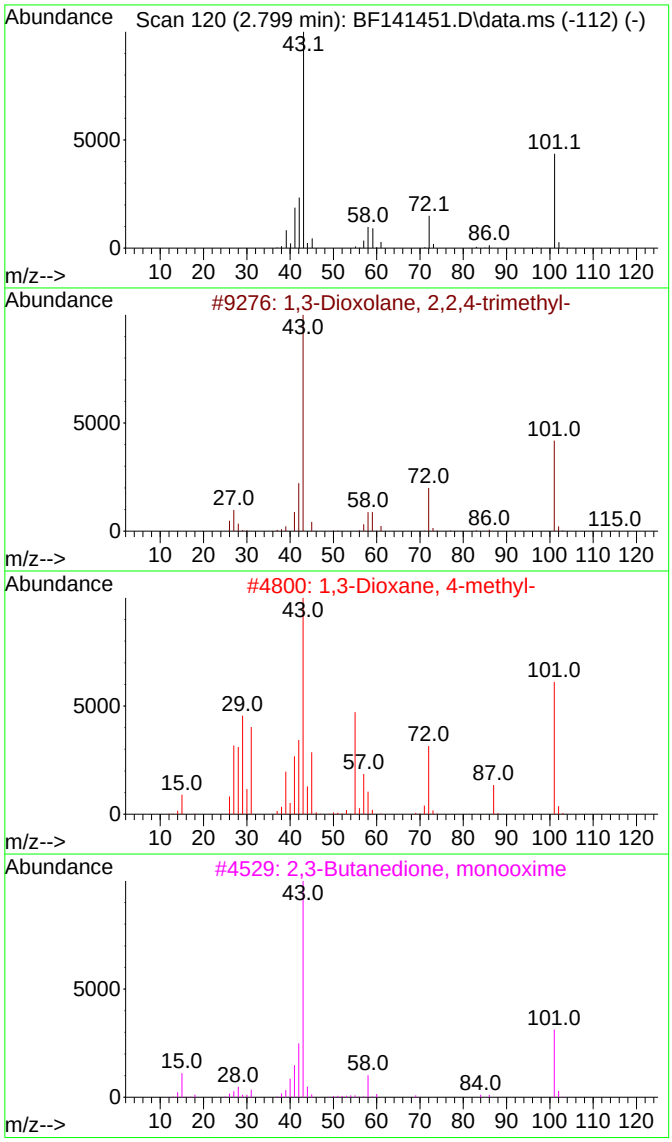
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

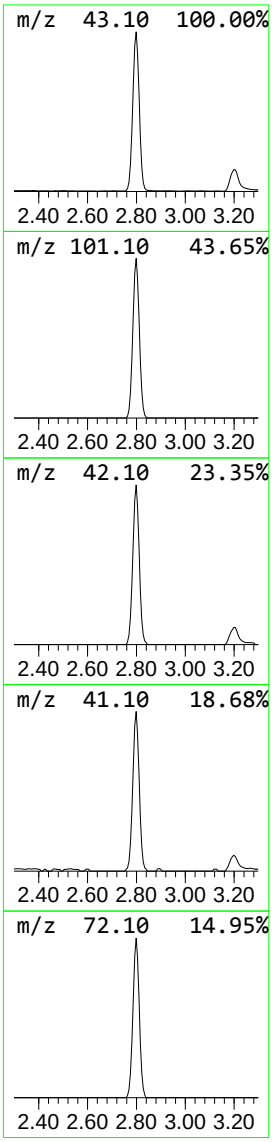
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.799	16.22 ng	363750	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	78
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	45
4	Furazan-3-ol, 4-amino-	101	C2H3N3O2	159013-90-8	9
5	Butane	58	C4H10	000106-97-8	9





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Sample : Q1282-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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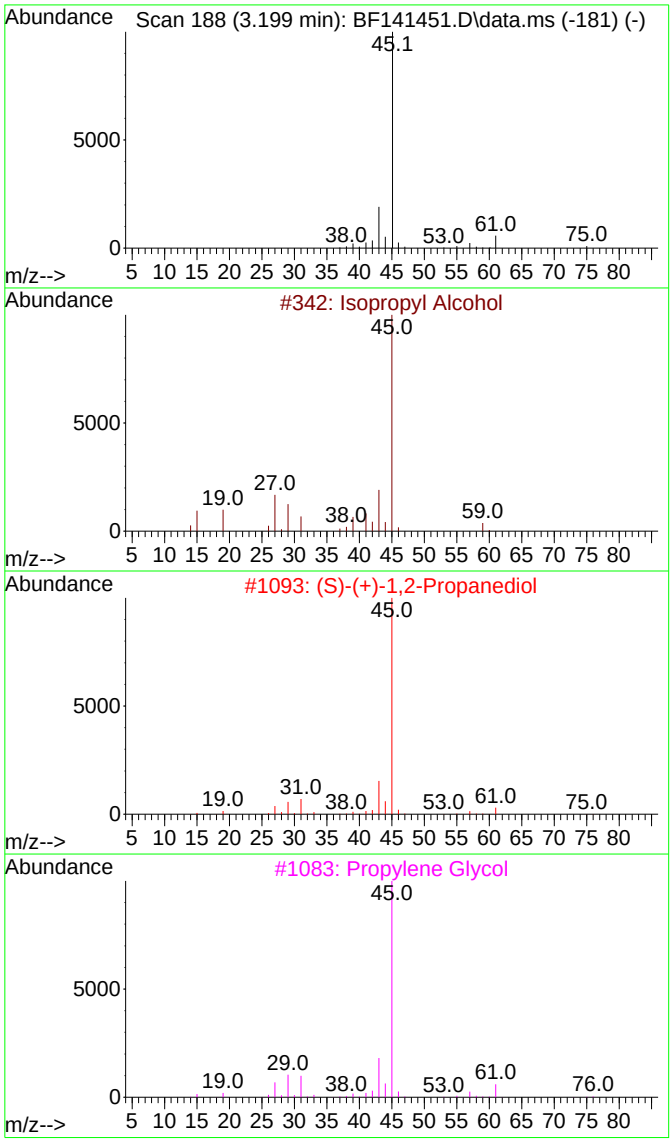
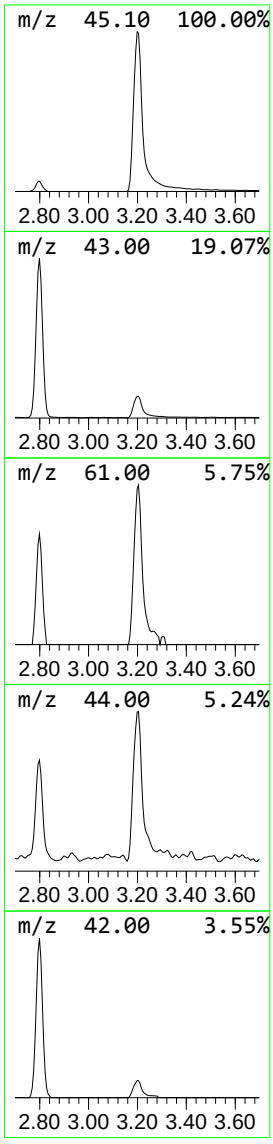
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.199	10.21 ng	229020	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	43
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





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Operator : RC/JU
Sample : Q1282-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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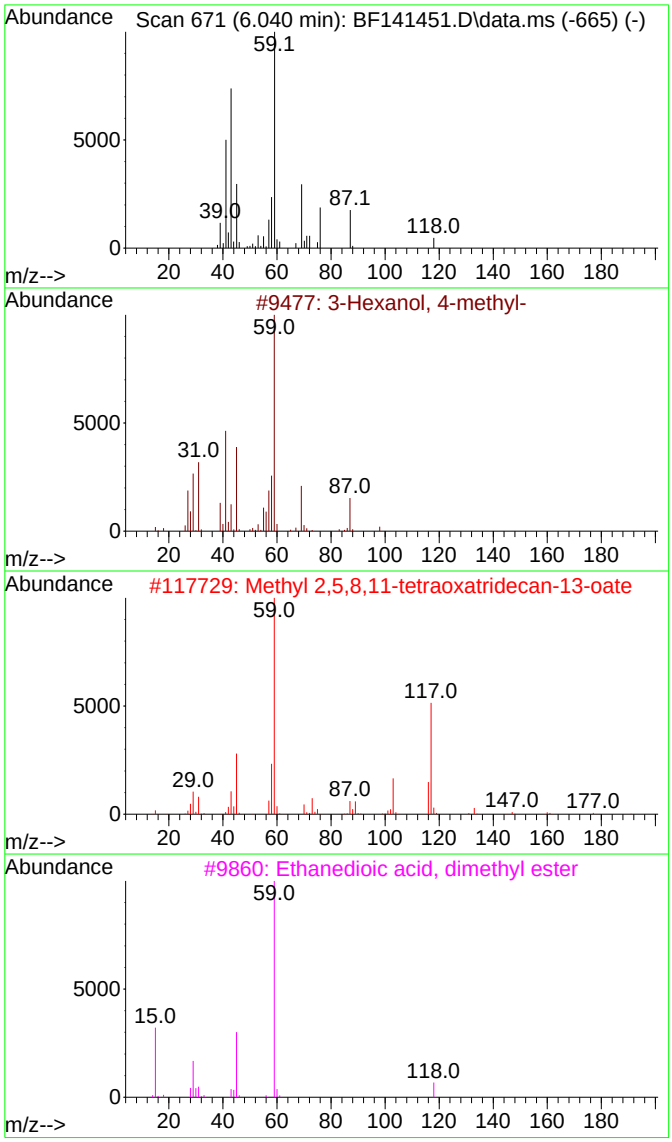
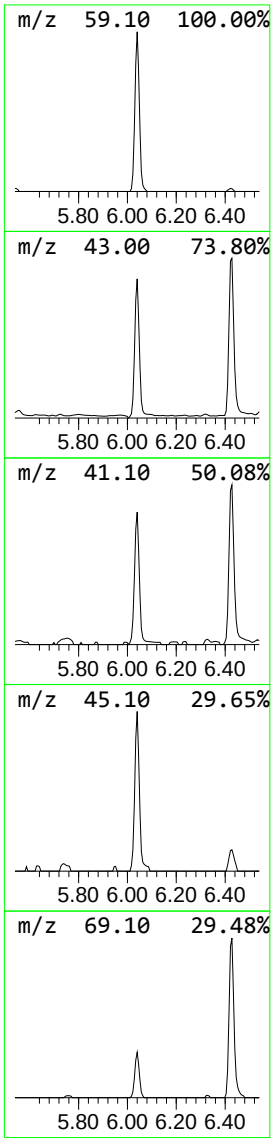
Peak Number 3 3-Hexanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.040	4.82 ng	108095	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	72
2	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	64
3	Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	50
4	3-Pentanol	88	C5H12O	000584-02-1	50
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	45





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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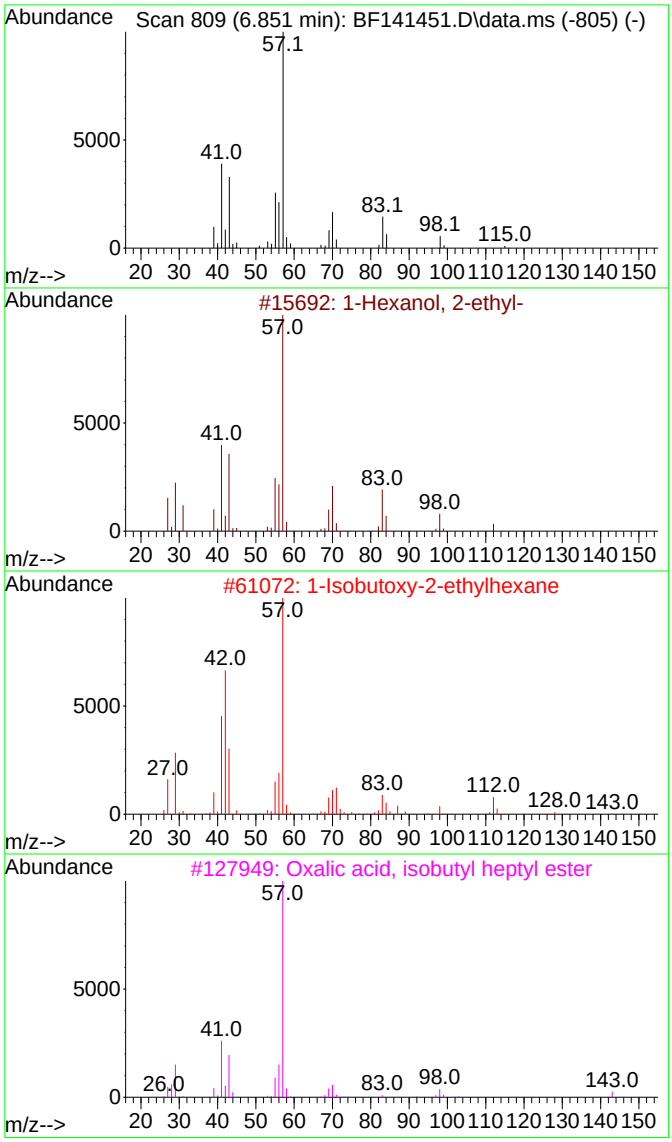
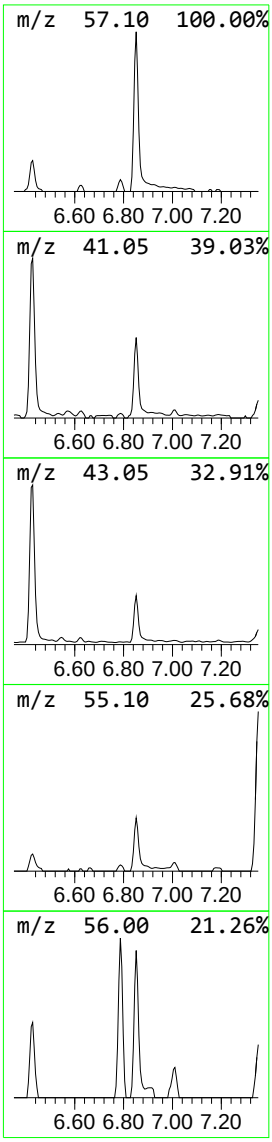
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	2.76 ng	61897	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
3	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	53
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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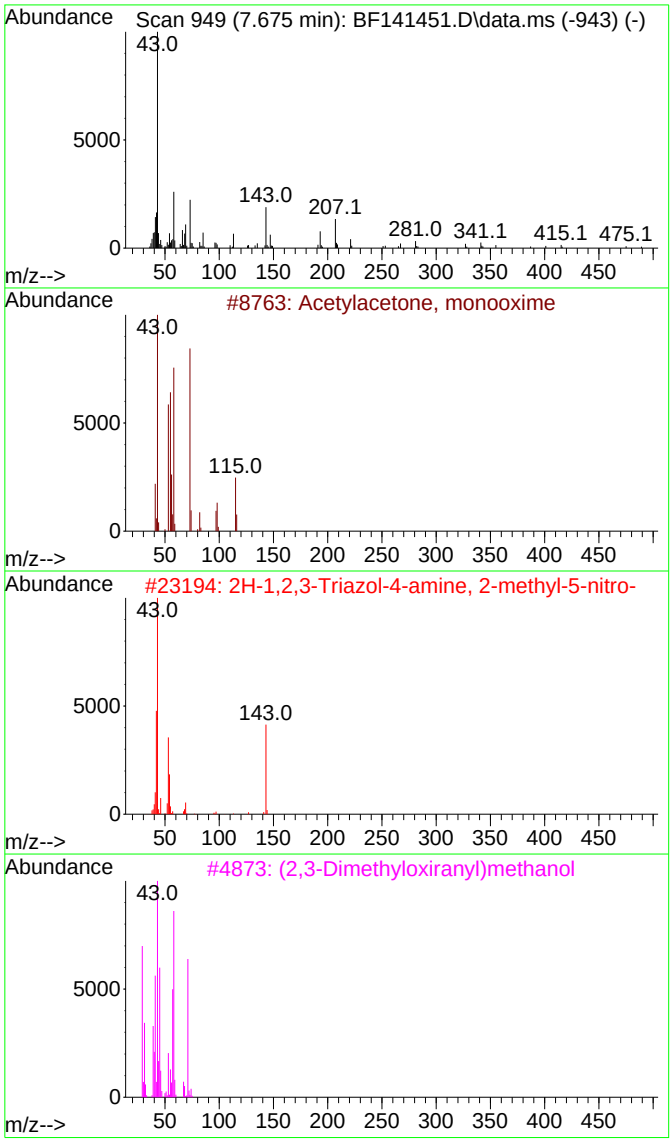
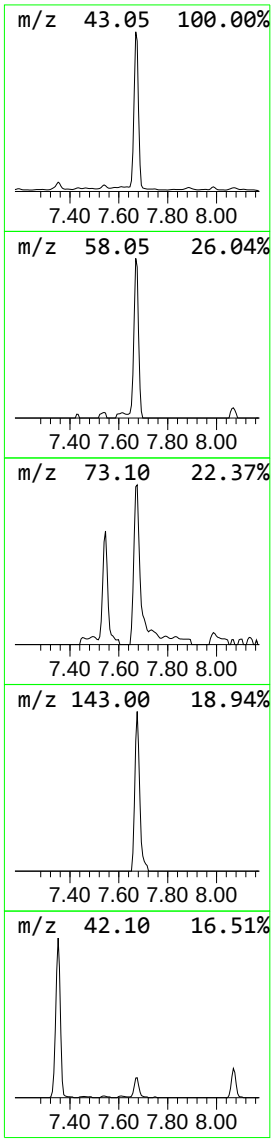
Peak Number 5 unknown7.675 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	4.42 ng	130104	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetylacetone, monooxime	115	C5H9NO2	1000298-65-7	23
2	2H-1,2,3-Triazol-4-amine, 2-meth...	143	C3H5N5O2	1000258-90-5	10
3	(2,3-Dimethyloxiranyl)methanol	102	C5H10O2	1000306-71-8	10
4	1-Butanamine	73	C4H11N	000109-73-9	9
5	Acetone	58	C3H6O	000067-64-1	9





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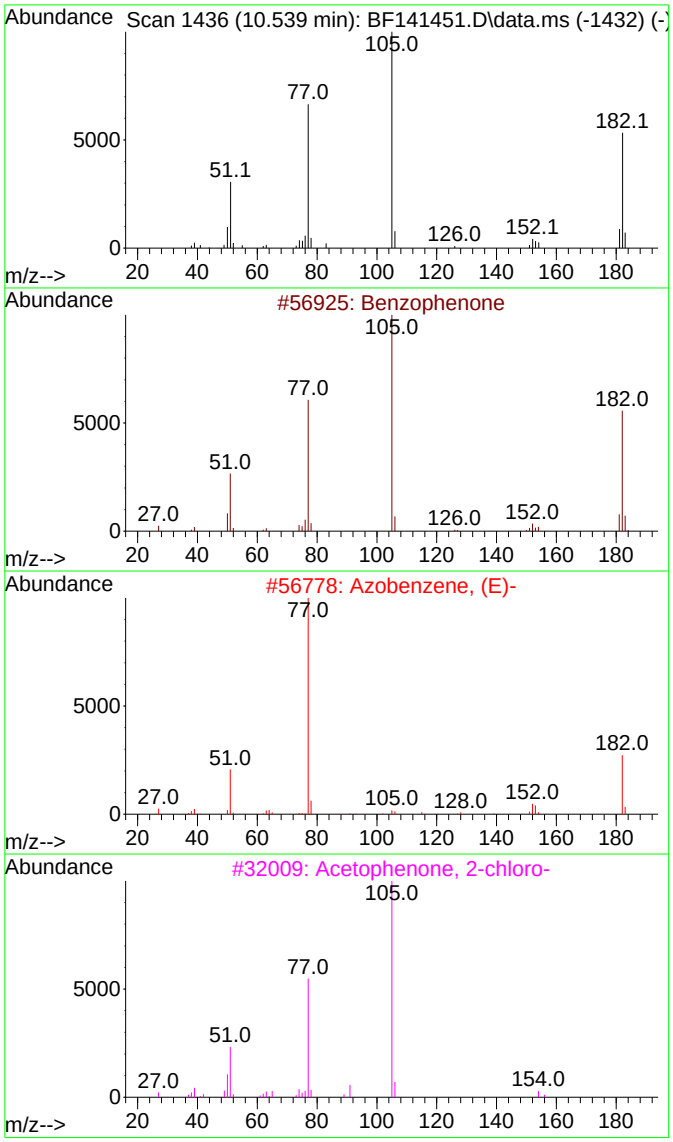
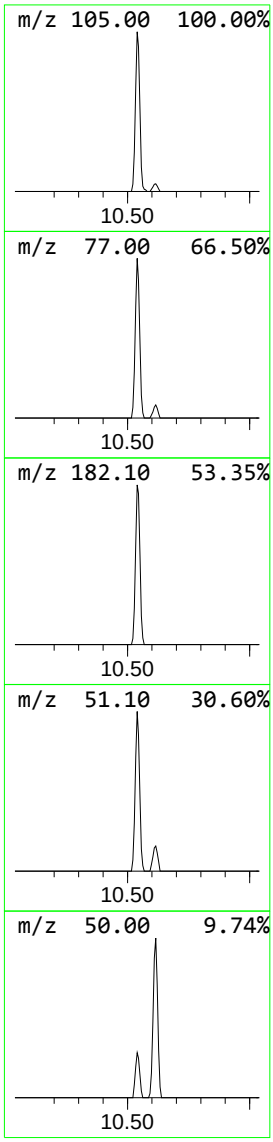
Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	2.07 ng	67542	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	50





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
1,3-Dioxolane, ...	2.799	16.2	ng	363750	1	6.787	448627	20.0
Isopropyl Alcohol	3.199	10.2	ng	229020	1	6.787	448627	20.0
3-Hexanol, 4-me...	6.040	4.8	ng	108095	1	6.787	448627	20.0
1-Hexanol, 2-et...	6.851	2.8	ng	61897	1	6.787	448627	20.0
unknown7.675	7.675	4.4	ng	130104	2	8.069	588855	20.0
Benzophenone	10.539	2.1	ng	67542	3	9.828	652714	20.0