LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

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_P\METHODS\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	20	rVB	100266	163909	4.48%	0.616%
2	5.269	398	405	417	rBV	327433	546767	14.94%	2.057%
3	6.846	666	673	687	rBV	341272	618360	16.90%	2.326%
4	7.657	802	811	820	rBV	268824	443116	12.11%	1.667%
5	8.799	991	1005	1013	rBV	276239	471213	12.87%	1.772%
6	10.434	1274	1283	1296	rBV	475615	825451	22.55%	3.105%
7	11.922	1529	1536	1543	rBV10	37966	147584	4.03%	0.555%
8	12.104	1563	1567	1577	rVB5	47374	133756	3.65%	0.503%
9	12.193	1578	1582	1589	rBV7	50840	125760	3.44%	0.473%
10	12.916	1699	1705	1711	rBV	1206632	1823084	49.81%	6.857%
11	13.245	1757	1761	1765	rBV2	155087	231943	6.34%	0.872%
12	13.581	1814	1818	1823	rBV4	329937	555630	15.18%	2.090%
13	13.734	1839	1844	1847	rBV	749185	1176968	32.16%	4.427%
14	14.139	1910	1913	1921	rVB2	1020906	1714264	46.84%	6.448%
15	14.298	1933	1940	1945	rBV3	1377437	3137904	85.74%	11.802%
16	14.645	1995	1999	2001	rBV	464045	746074	20.38%	2.806%
17	15.104	2074	2077	2083	rBV2	1155358	1749088	47.79%	6.579%
18	21.157	3101	3106	3109	rBV2	2392191	3659981	100.00%	13.766%
19	22.721	3367	3372	3376	rBV2	1639940	3133015	85.60%	11.784%
20	23.292	3465	3469	3476	rVB	1148236	2043214	55.83%	7.685%
21	23.392	3481	3486	3491	rVB2	1744418	3140007	85.79%	11.810%

Sum of corrected areas: 26587088

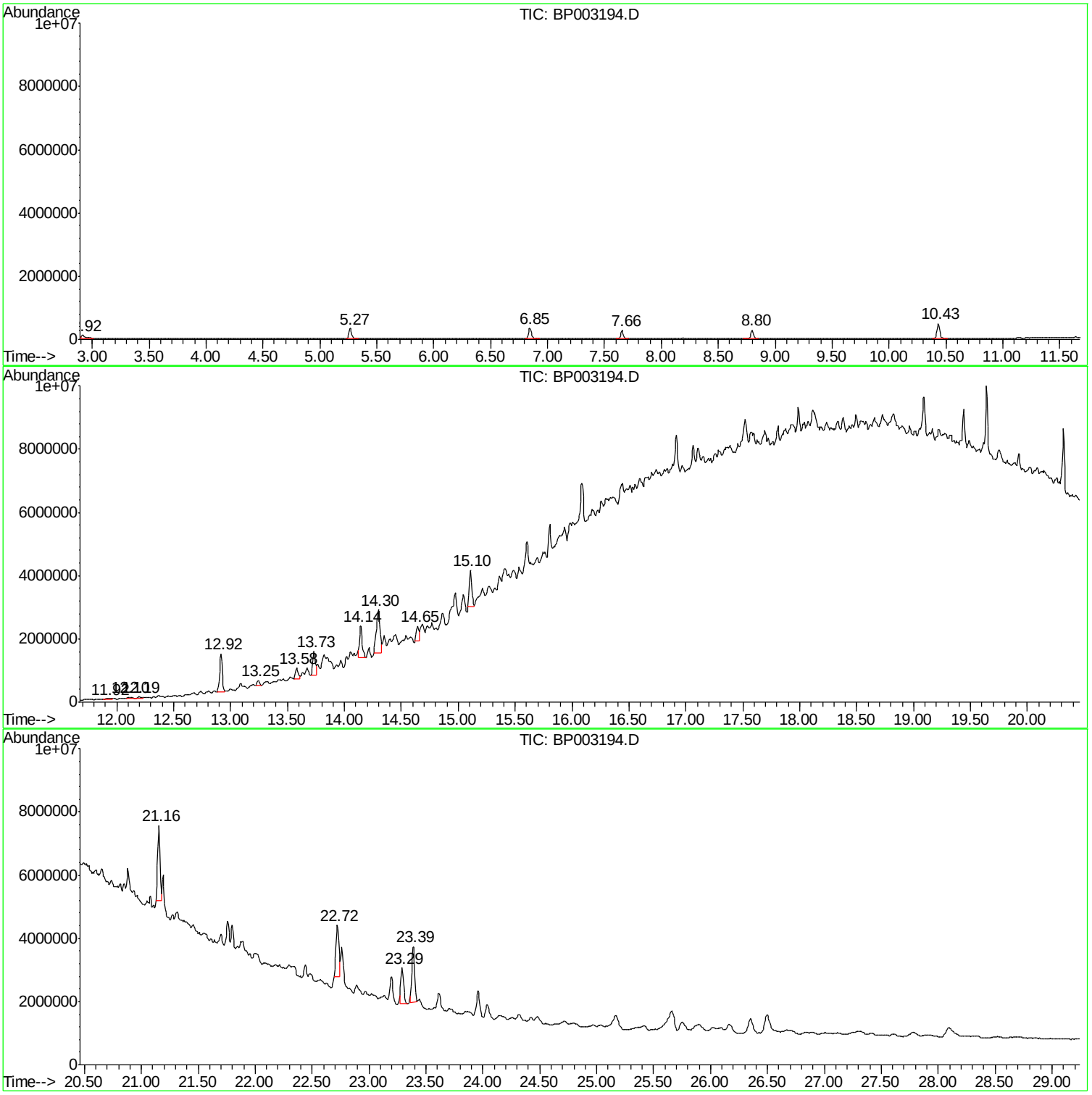
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

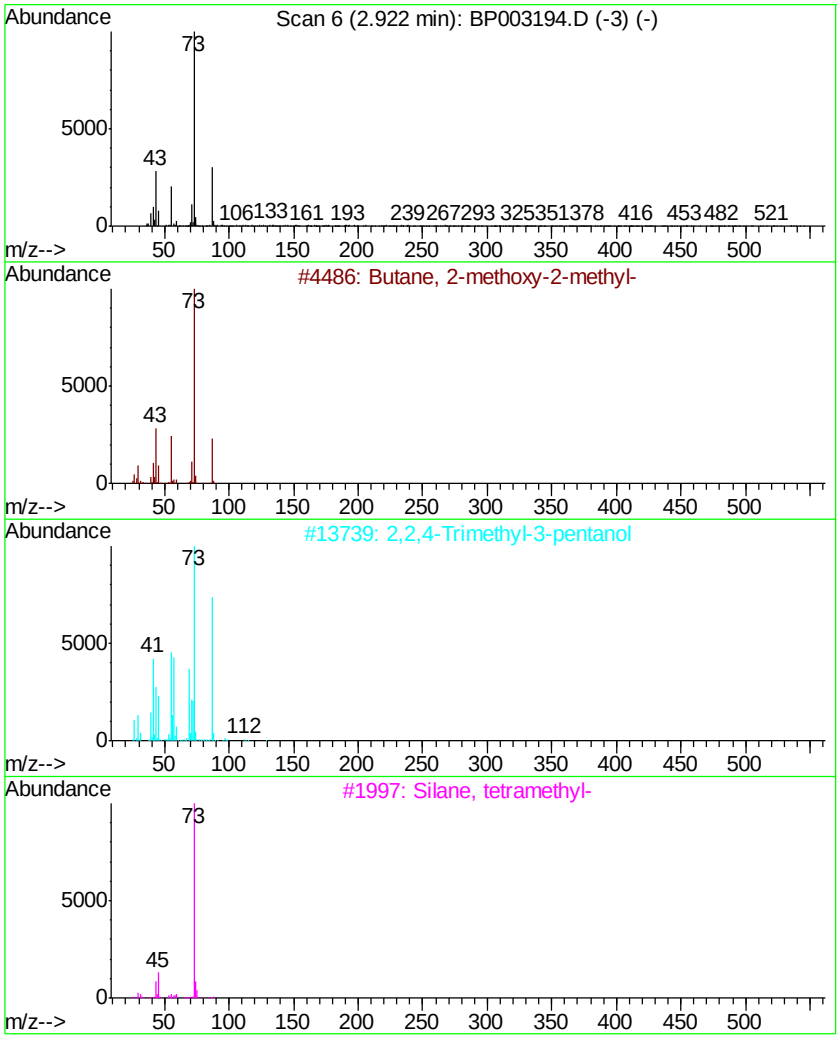
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

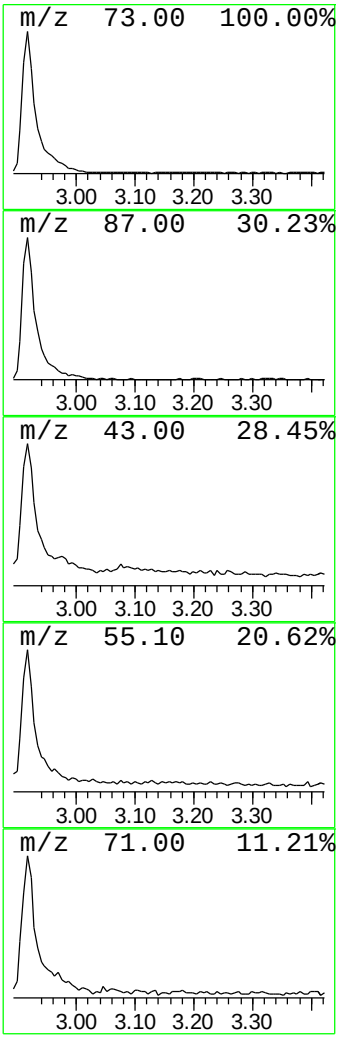
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	7.40 ng	163909	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

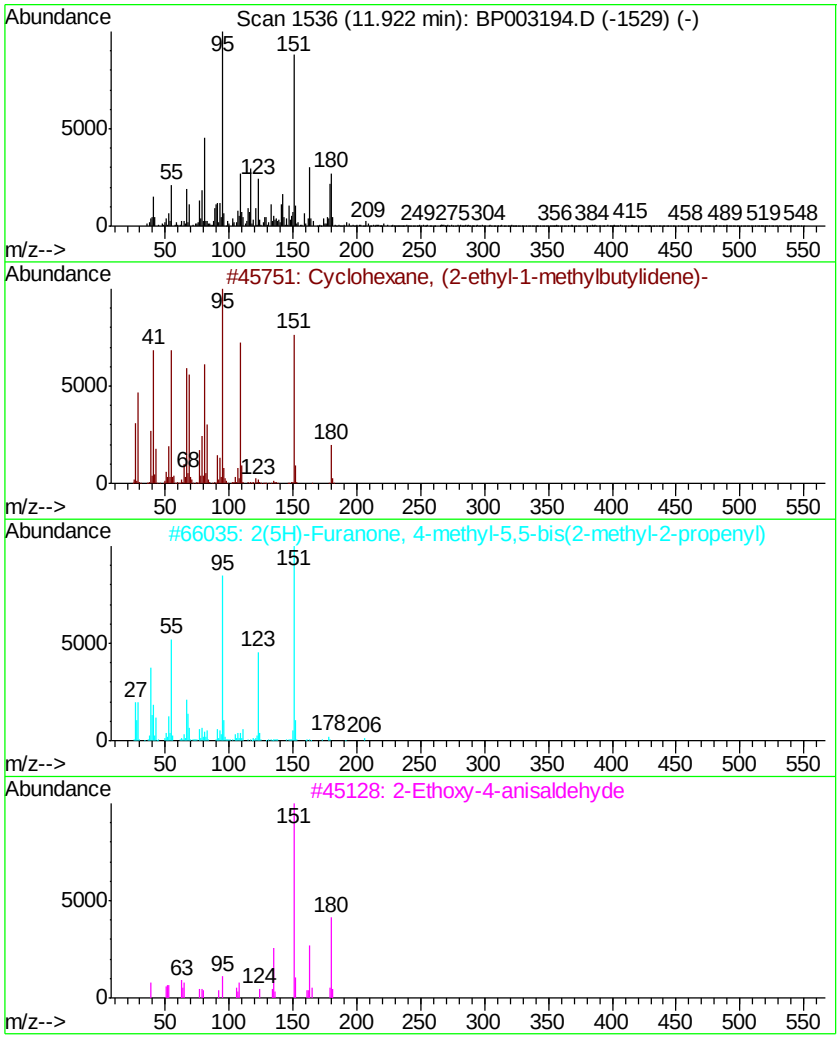
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

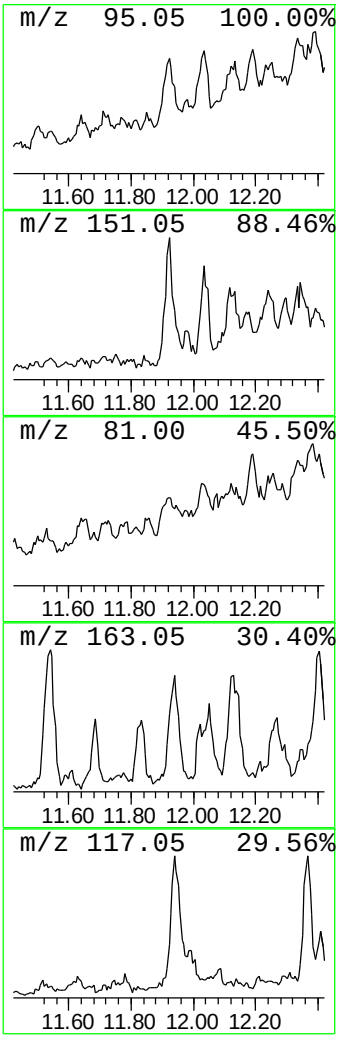
****

Peak Number 2 Cyclohexane, (2-ethyl-1-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.58 ng	147584	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	53
2	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	43
3	2-Ethoxy-4-anisaldehyde	180	C10H12O3	042924-37-8	38
4	[1,3,5]Triazine-2,4-diamine, 6-i...	219	C9H13N7	1000302-58-5	35
5	2,6-Dimethyl-3-aminobenzoquinone	151	C8H9NO2	090005-56-4	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

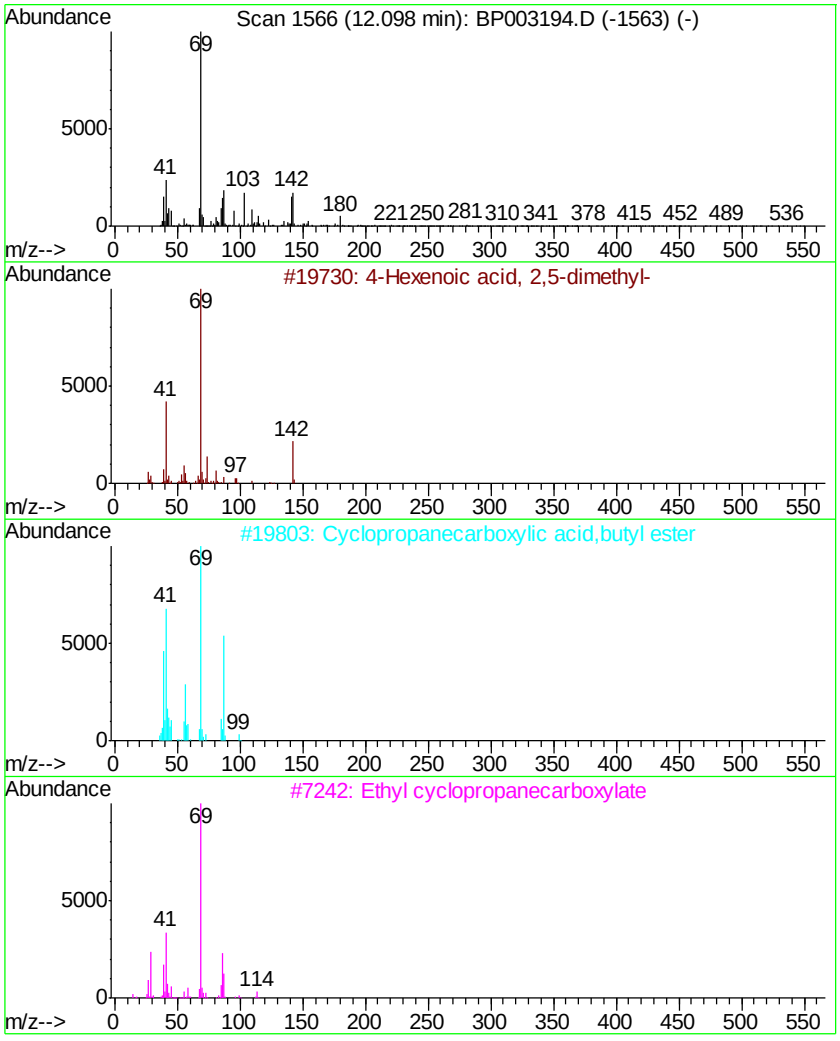
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

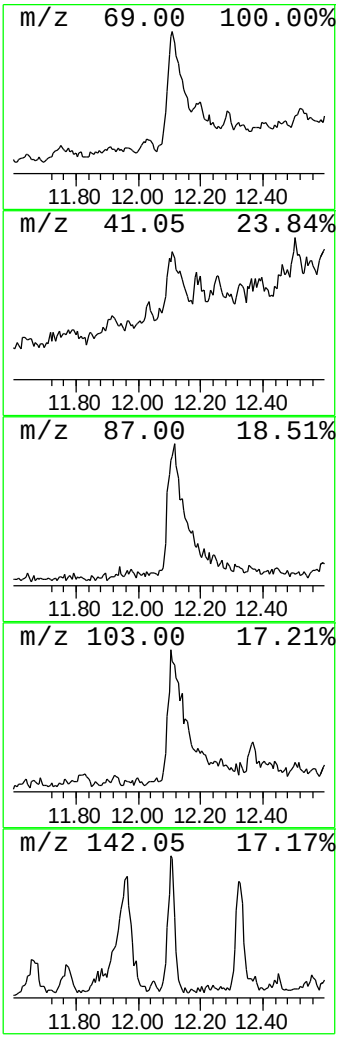
****

Peak Number 3 unknown12.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.24 ng	133756	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexenoic acid, 2,5-dimethyl-	142	C8H14O2	082898-13-3	46
2	Cyclopropanecarboxylic acid,butyl...	142	C8H14O2	054947-39-6	38
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	37
4	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	32
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

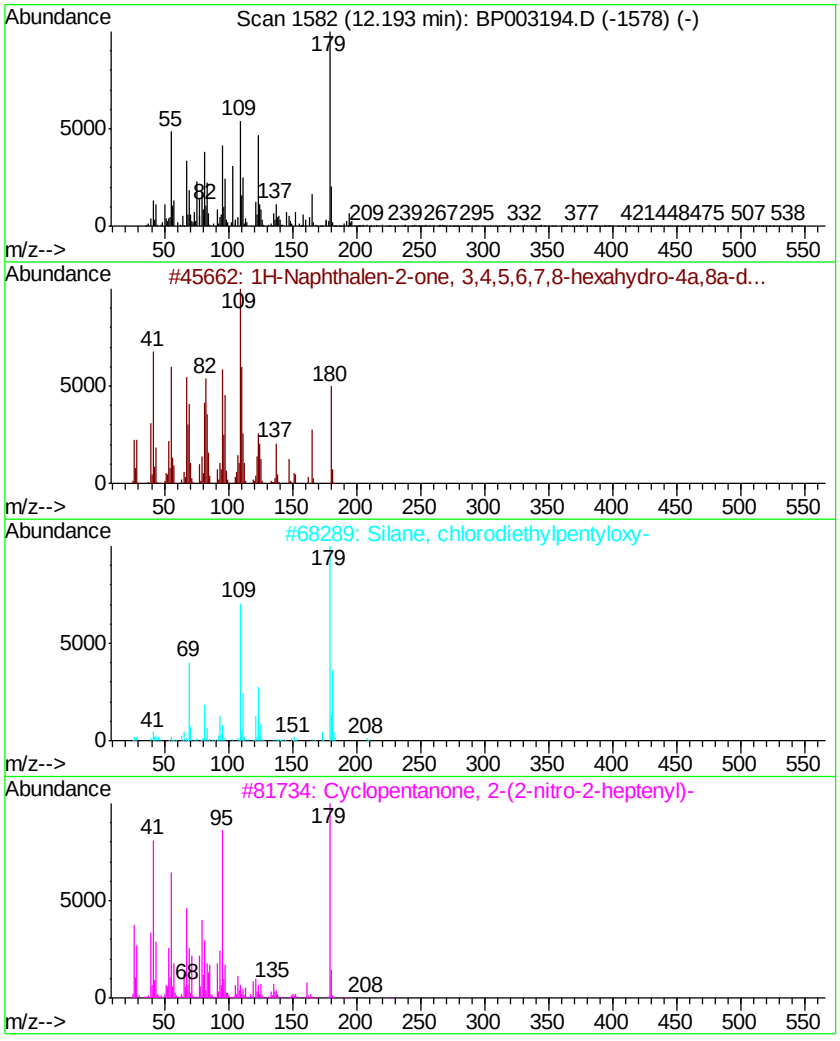
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

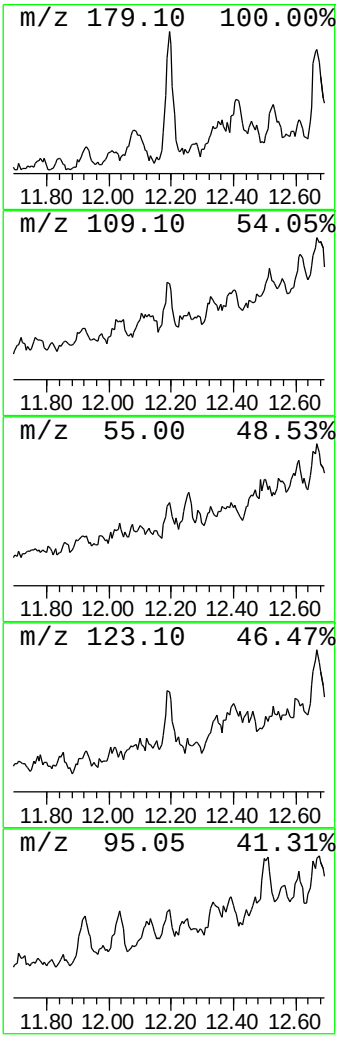
****

Peak Number 4 unknown12.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.05 ng	125760	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	38
2	Silane, chlorodiethylpentyloxy-	208	C9H21ClOSi	1000363-04-4	37
3	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	35
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	22
5	Imidazolo[1,2-a]pyrimidine-2,5(1...	179	C8H9N3O2	053854-19-6	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

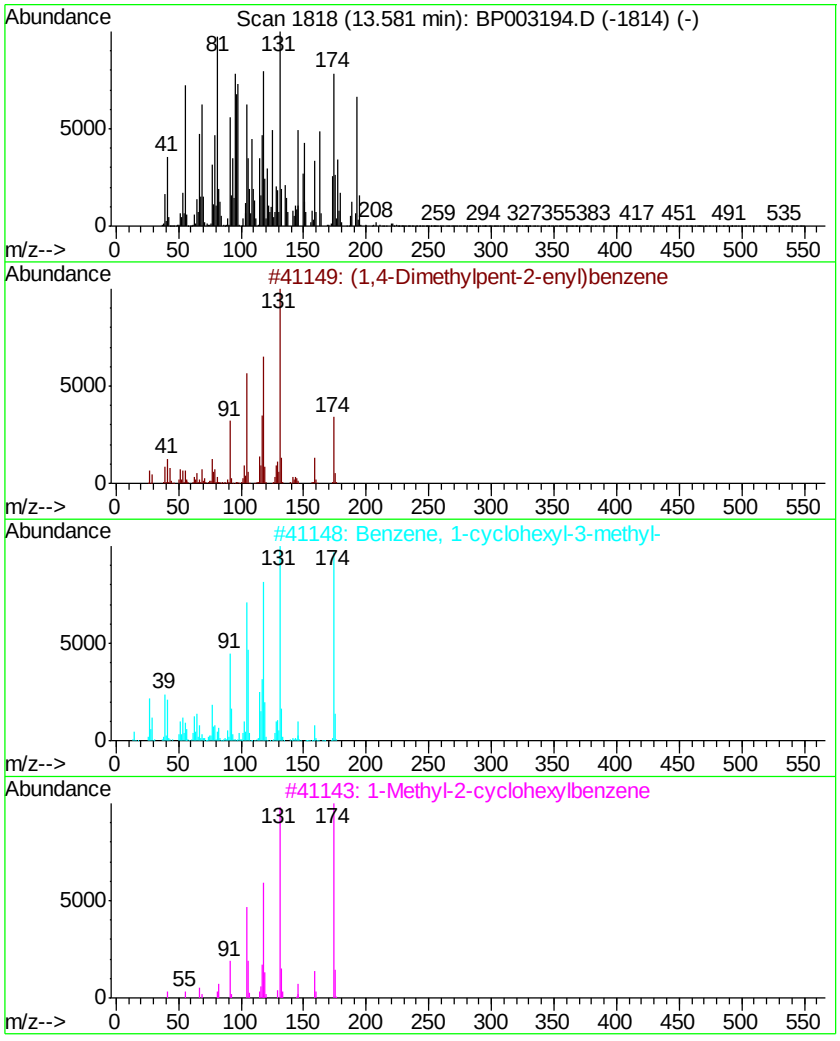
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

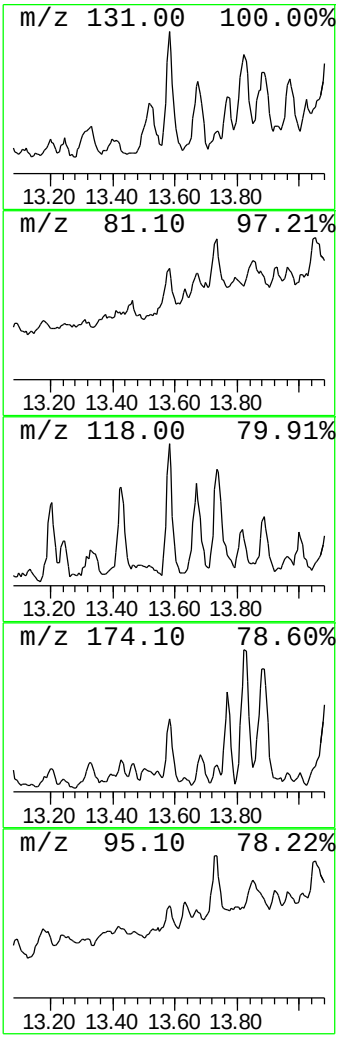
****

Peak Number 5 (1,4-Dimethylpent-2-enyl)be... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.54 ng	555630	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	50
2	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	46
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	41
4	3-Methyl-2-(O-methylbenzyl)butanol	192	C13H20O	029107-38-8	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

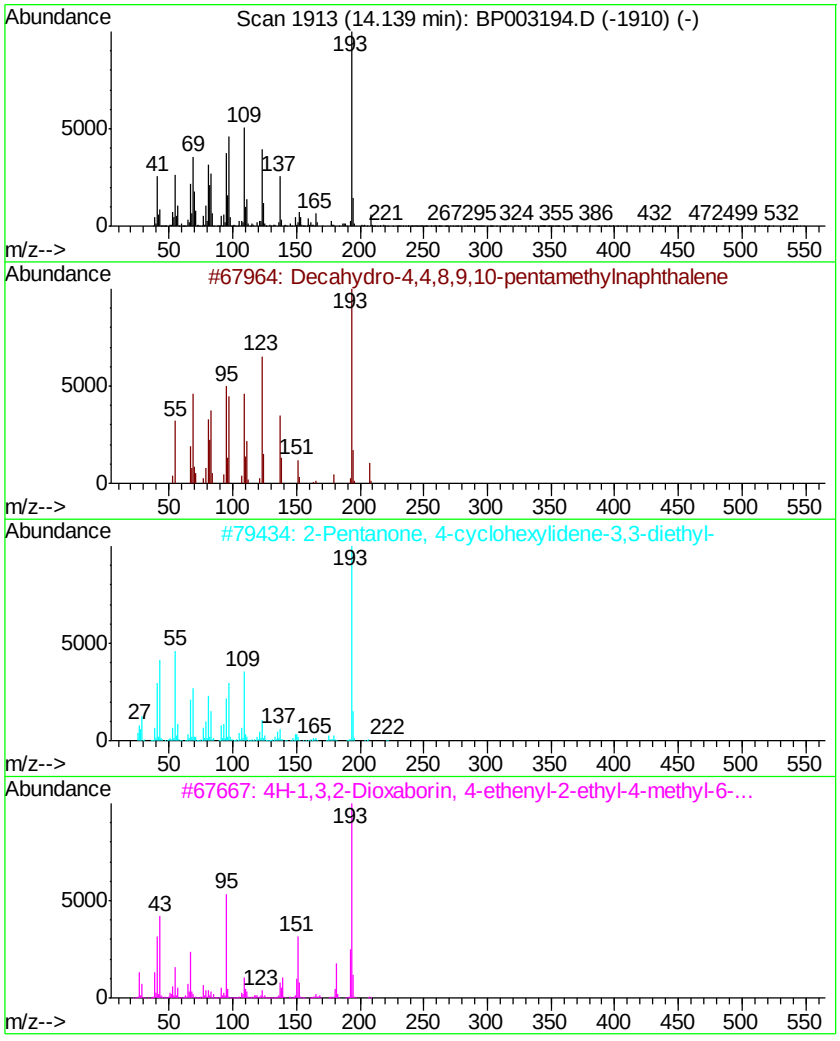
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

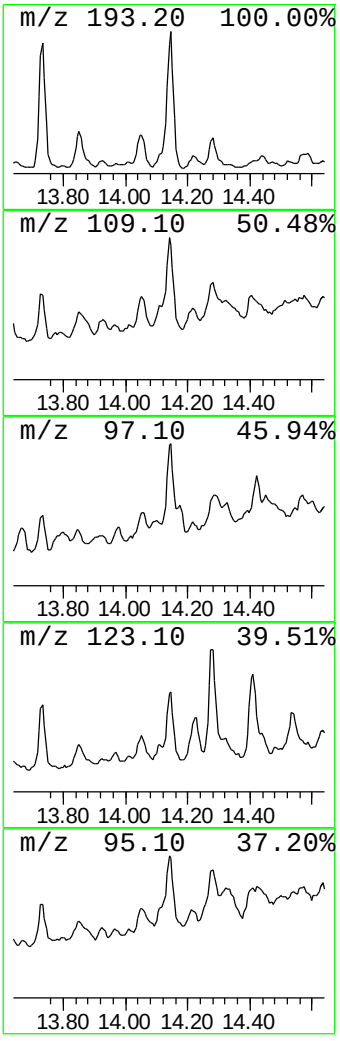
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	10.93 ng	1714260	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

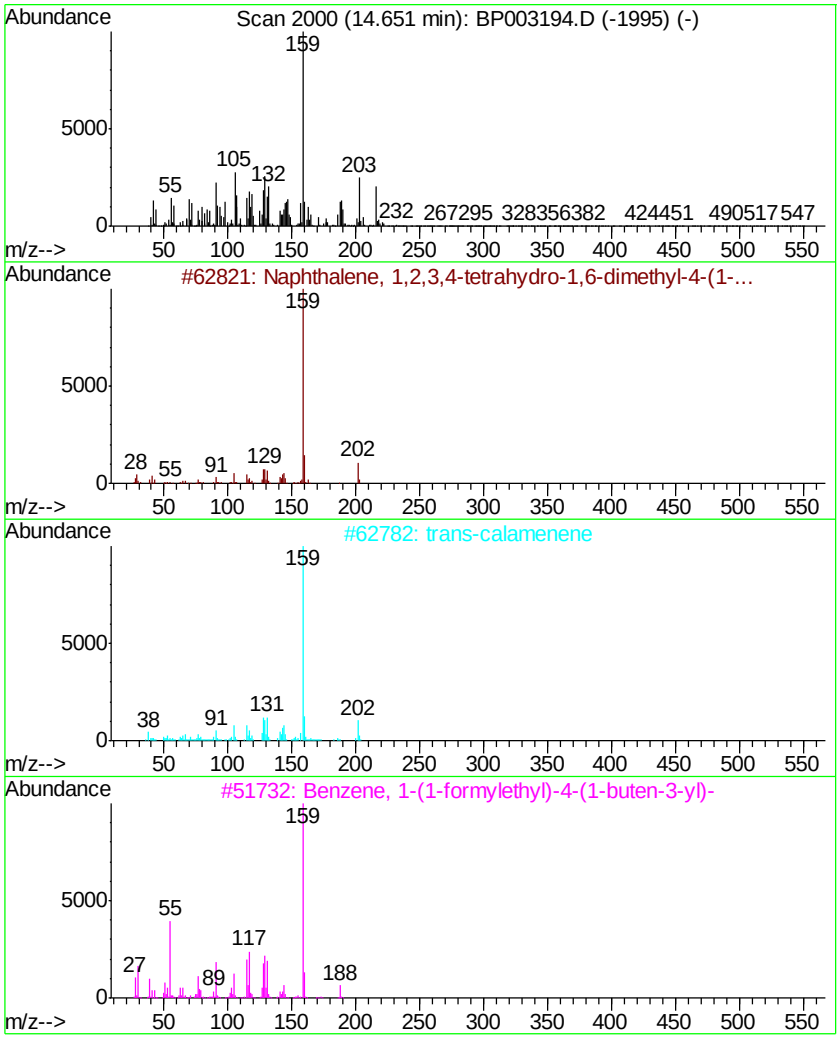
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

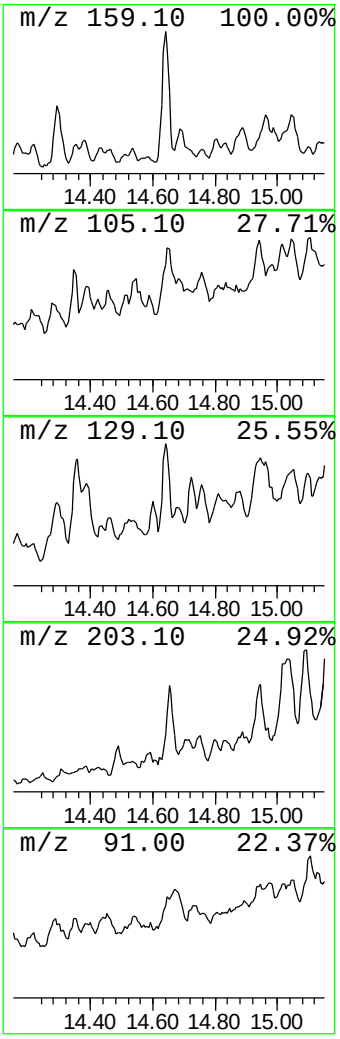
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.76 ng	746074	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	70
2	trans-calamenene	202	C15H22	1000374-17-3	70
3	Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	70
4	4-(1H-Pyrazol-1-yl)benzeneamine	159	C9H9N3	017635-45-9	58
5	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

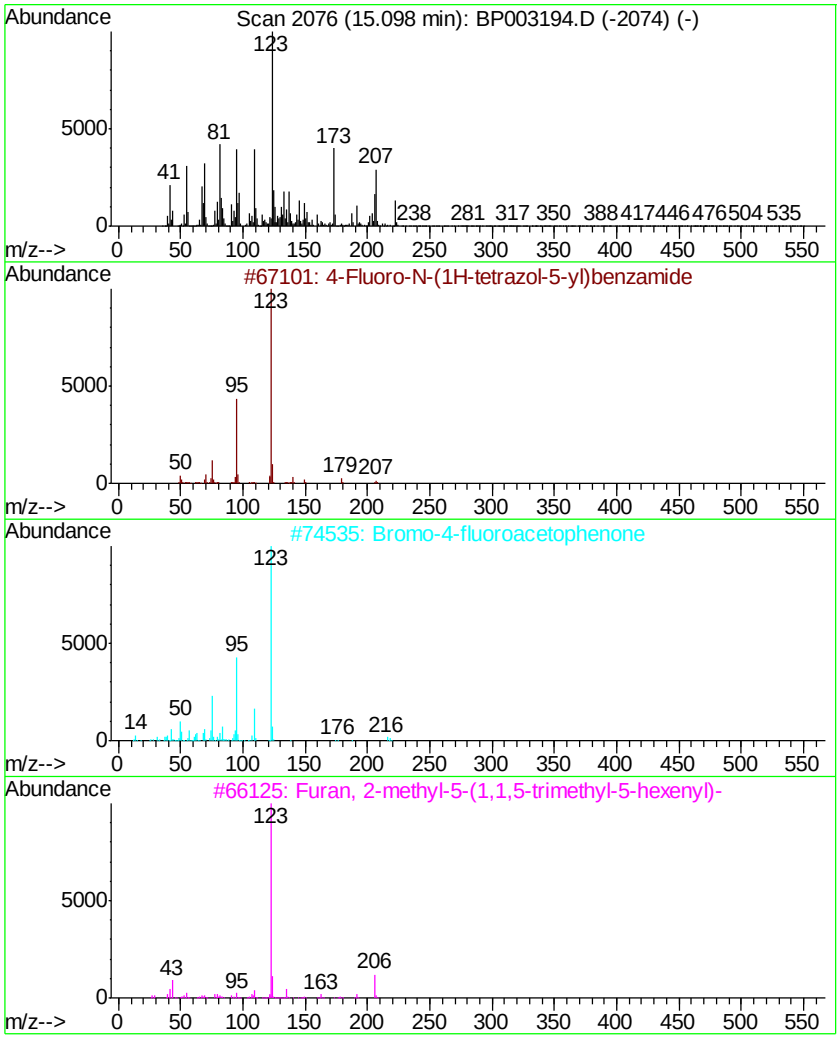
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

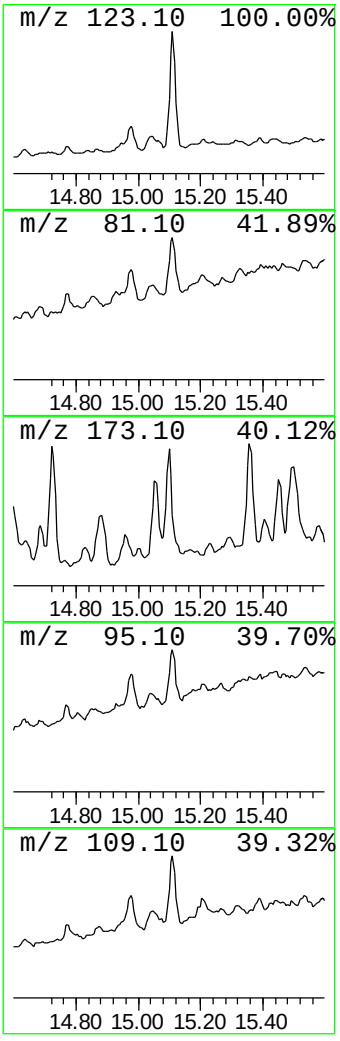
****

Peak Number 8 unknown15.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.15 ng	1749090	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	47
2	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	43
3	Furan, 2-methyl-5-(1,1,5-trimeth...	206	C14H22O	077143-15-8	43
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	43
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090220\
Data File : BP003194.D
Acq On : 02 Sep 2020 19:20
Operator : CG/JU
Sample : L3876-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-215

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	7.4	ng	163909	1	7.66	443116	20.0
Cyclohexane, (2-e...	11.92	3.6	ng	147584	2	10.43	825451	20.0
unknown12.10	12.10	3.2	ng	133756	2	10.43	825451	20.0
unknown12.19	12.19	3.0	ng	125760	2	10.43	825451	20.0
(1,4-Dimethylpent...	13.58	3.5	ng	555630	3	14.30	3137900	20.0
Decahydro-4,4,8,9...	14.14	10.9	ng	1714260	3	14.30	3137900	20.0
Naphthalene, 1,2,...	14.65	4.8	ng	746074	3	14.30	3137900	20.0
unknown15.10	15.10	11.2	ng	1749090	3	14.30	3137900	20.0