LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
Data File : BP003599.D
Acq On : 09 Oct 2020 18:21
Operator : CG/JU
Sample : L4319-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 12018

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-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003599.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	370	376	398	rBV	529624	894037	35.43%	6.593%
2	6.693	638	647	671	rBV	493414	919459	36.43%	6.780%
3	7.475	773	780	795	rBV	168361	278530	11.04%	2.054%
4	8.634	970	977	994	rBV	352875	658308	26.09%	4.855%
5	10.252	1244	1252	1266	rBV	202497	364875	14.46%	2.691%
6	11.340	1425	1437	1444	rBV8	14059	43627	1.73%	0.322%
7	12.557	1639	1644	1649	rBV4	48788	82169	3.26%	0.606%
8	12.752	1668	1677	1687	rBV	1104127	1765675	69.97%	13.021%
9	12.910	1700	1704	1710	rBV	91943	142040	5.63%	1.047%
10	13.404	1784	1788	1793	rVB5	72694	114469	4.54%	0.844%
11	13.457	1794	1797	1802	rBV3	65081	103260	4.09%	0.761%
12	13.557	1809	1814	1818	rBV	211644	309459	12.26%	2.282%
13	13.604	1818	1822	1827	rBV	125540	180222	7.14%	1.329%
14	13.875	1864	1868	1873	rBV2	131331	240387	9.53%	1.773%
15	13.969	1880	1884	1888	rVB	315388	436713	17.31%	3.221%
16	14.104	1903	1907	1909	rBV	194312	273035	10.82%	2.013%
17	14.140	1909	1913	1921	rVB2	343834	561583	22.25%	4.141%
18	14.228	1925	1928	1933	rBV2	136875	240687	9.54%	1.775%
19	14.804	2023	2026	2031	rVB2	194875	234111	9.28%	1.726%
20	14.940	2044	2049	2054	rBV2	501569	750113	29.72%	5.532%
21	15.651	2166	2170	2176	rBV	734747	1101203	43.64%	8.121%
22	19.492	2820	2823	2834	rVB	1986011	2523607	100.00%	18.610%
23	21.016	3079	3082	3086	rVB	548276	638358	25.30%	4.708%
24	23.175	3444	3449	3460	rVB2	375940	704453	27.91%	5.195%

Sum of corrected areas: 13560380

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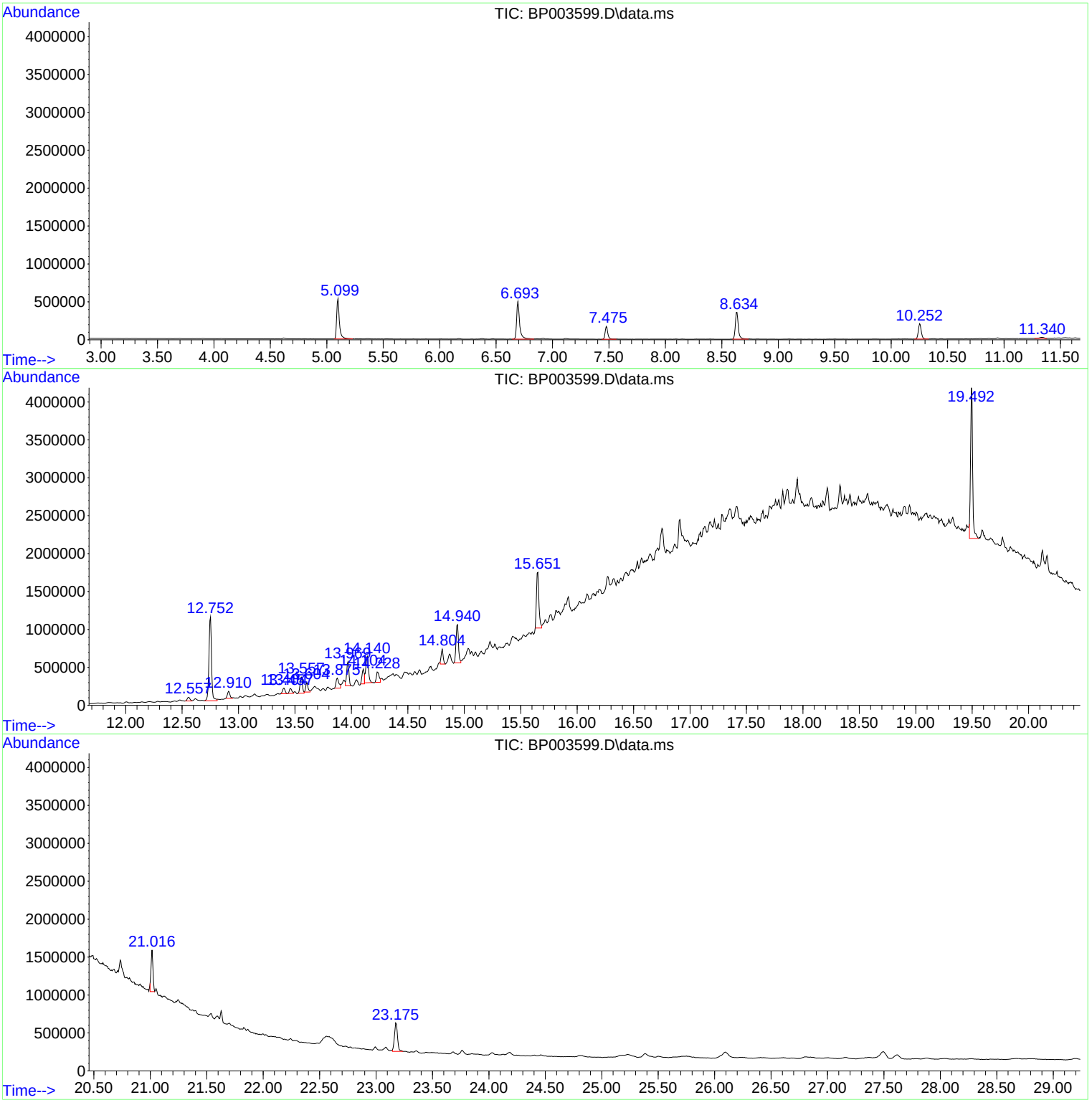
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
12018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP003599.D
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Sample : L4319-03
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Instrument : BNA_P
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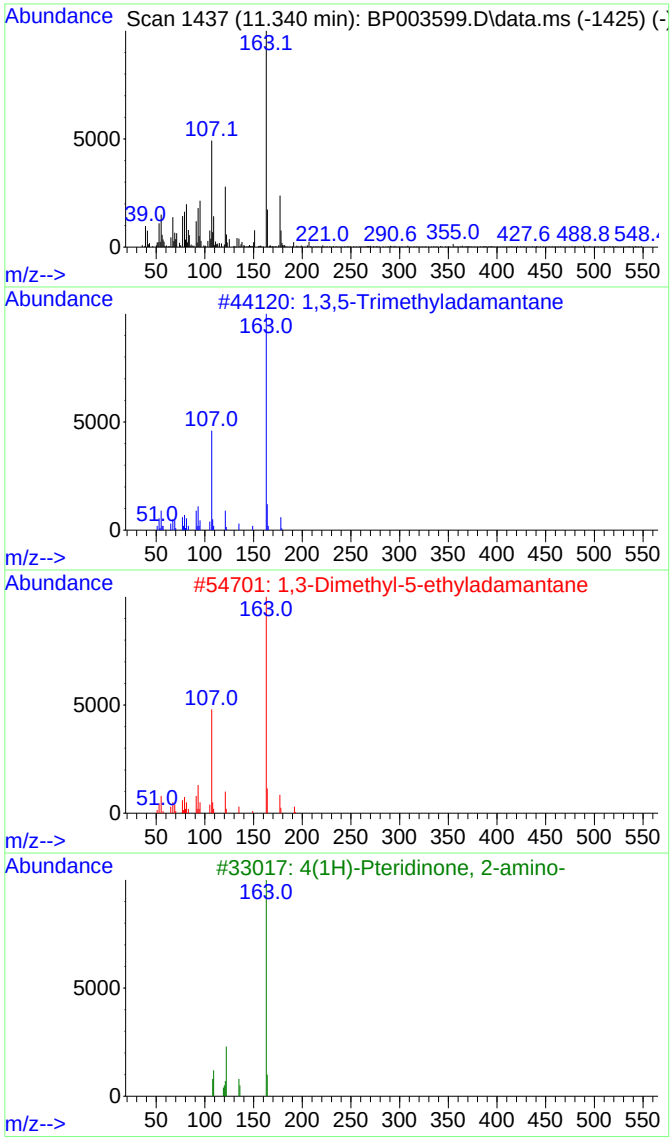
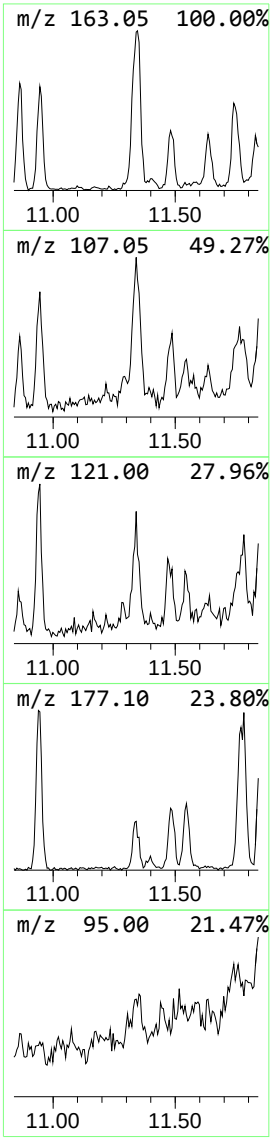
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3,5-Trimethyladamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.340	2.39 ng	43627	Naphthalene-d8	10.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	62
2	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	59
3	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	53
4	1,3-Dimethyl-5-n-propyl-adamantane	206	C15H26	019385-87-6	53
5	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	53





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Data File : BP003599.D
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Operator : CG/JU
Sample : L4319-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 12018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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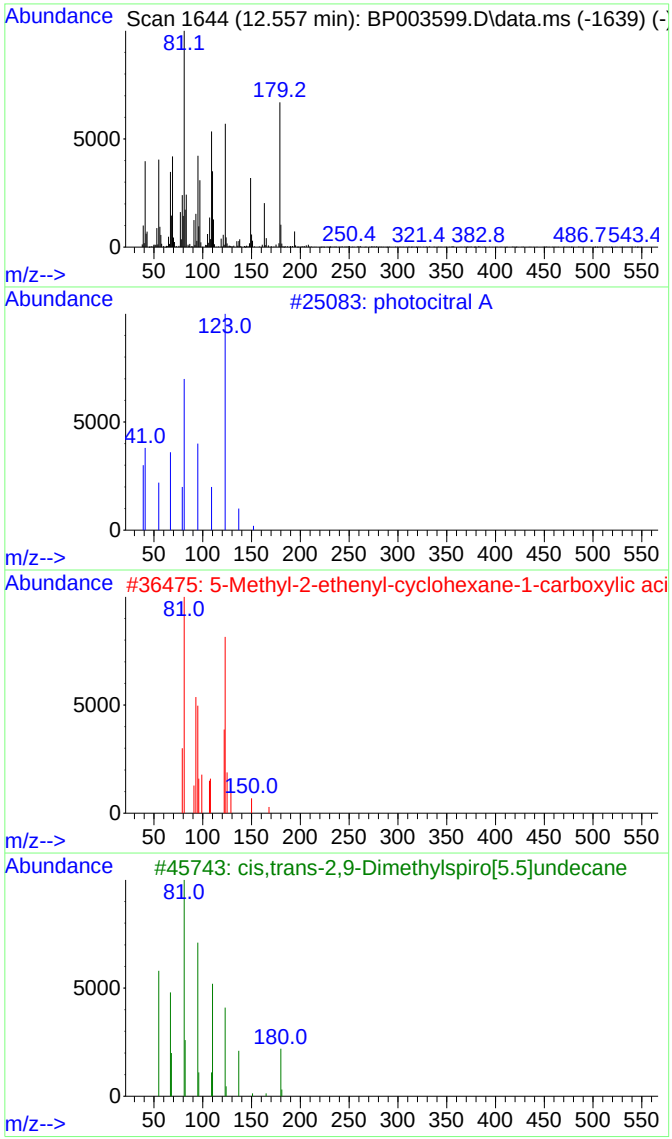
TIC Integration Parameters: LSCINT.P

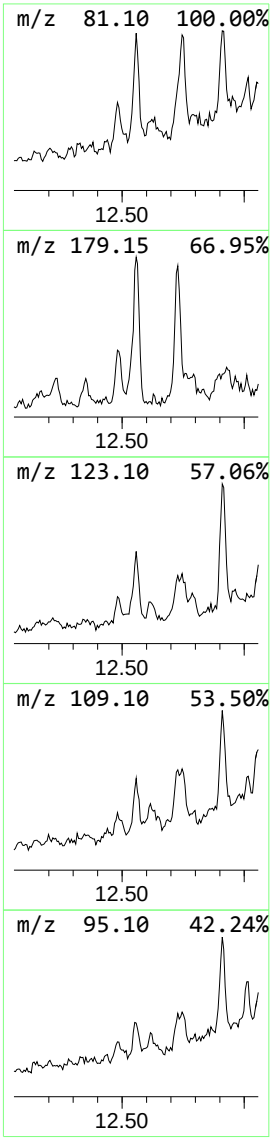
****

Peak Number 2 unknown12.557 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	2.93 ng	82169	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral A	152	C10H16O	055253-28-6	38
2	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	38
3	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	35
4	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	35
5	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	27





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Acq On : 09 Oct 2020 18:21
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Sample : L4319-03
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Instrument : BNA_P
ClientSampleId : 12018

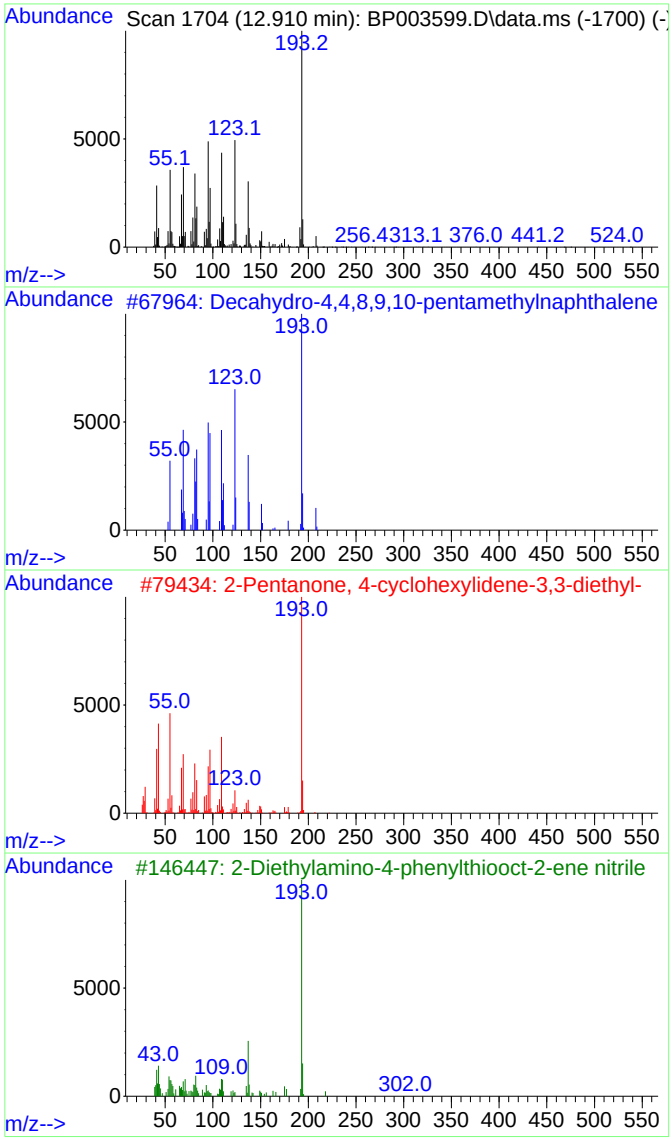
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

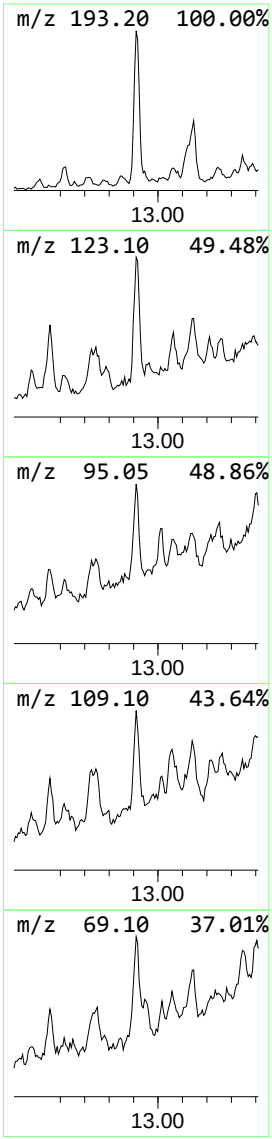
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	5.06 ng	142040	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	41
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
5	1-Anthracenamine	193	C14H11N	000610-49-1	27





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Sample : L4319-03
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Instrument : BNA_P
ClientSampleId : 12018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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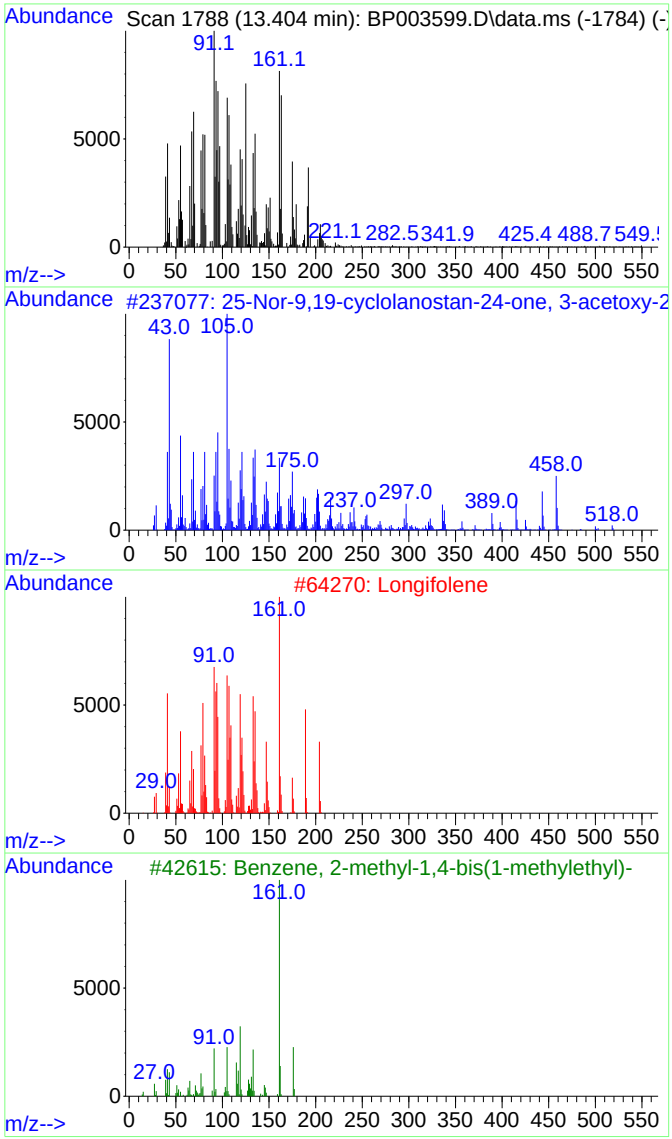
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

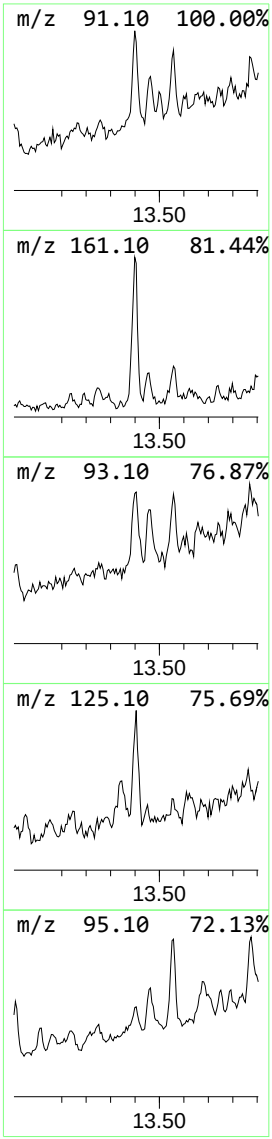
****

Peak Number 4 unknown13.404 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	4.08 ng	114469	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	25-Nor-9,19-cyclolanostan-24-one...	518	C35H50O3	1000194-00-2	47
2	Longifolene	204	C15H24	000475-20-7	38
3	Benzene, 2-methyl-1,4-bis(1-meth...	176	C13H20	058502-85-5	35
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	25
5	4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	18





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Operator : CG/JU
Sample : L4319-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 12018

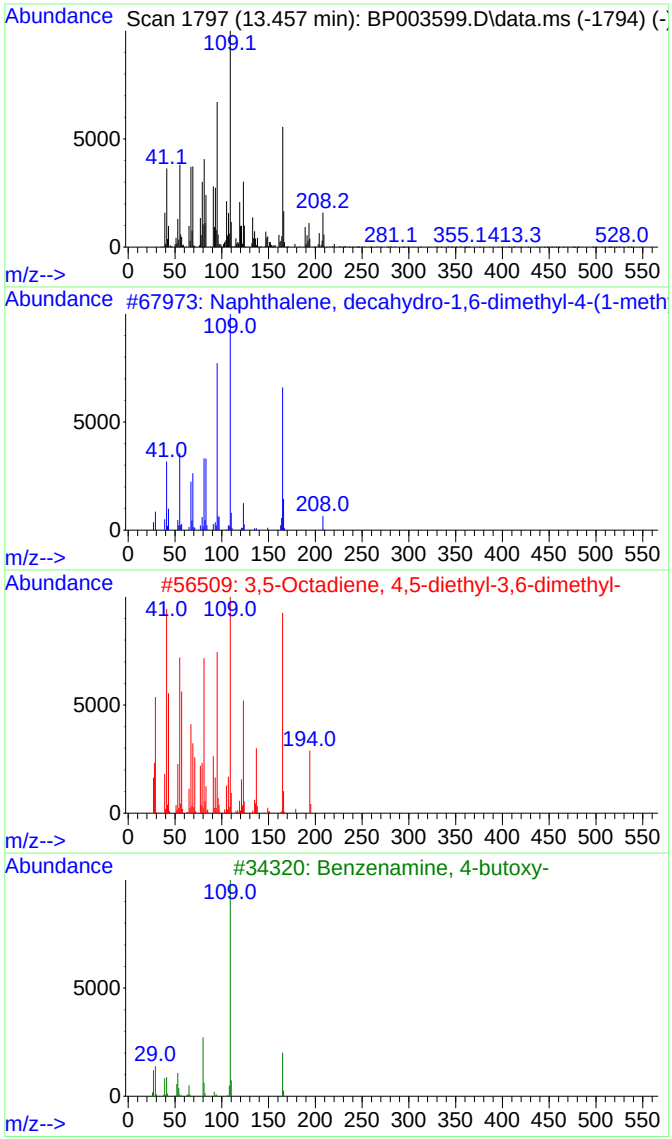
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

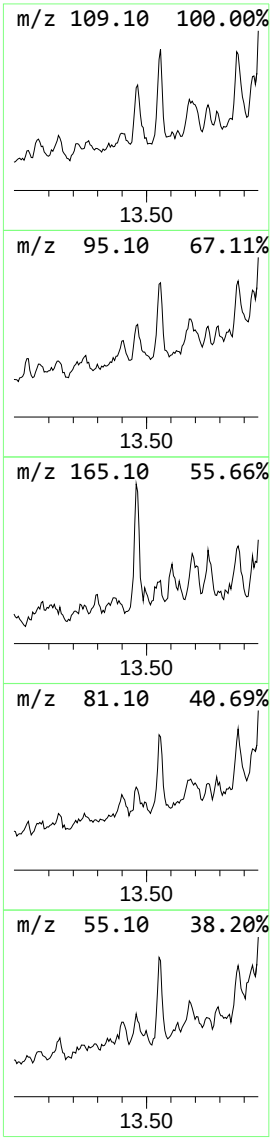
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	3.68 ng	103260	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	59
2	3,5-Octadiene, 4,5-diethyl-3,6-d...	194	C14H26	061233-79-2	38
3	Benzenamine, 4-butoxy-	165	C10H15NO	004344-55-2	38
4	3,5,9-Trimethyl-deca-2,4,8-trien...	194	C13H22O	1000188-00-3	35
5	1-Methoxyadamantane	166	C11H18O	006221-74-5	25





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Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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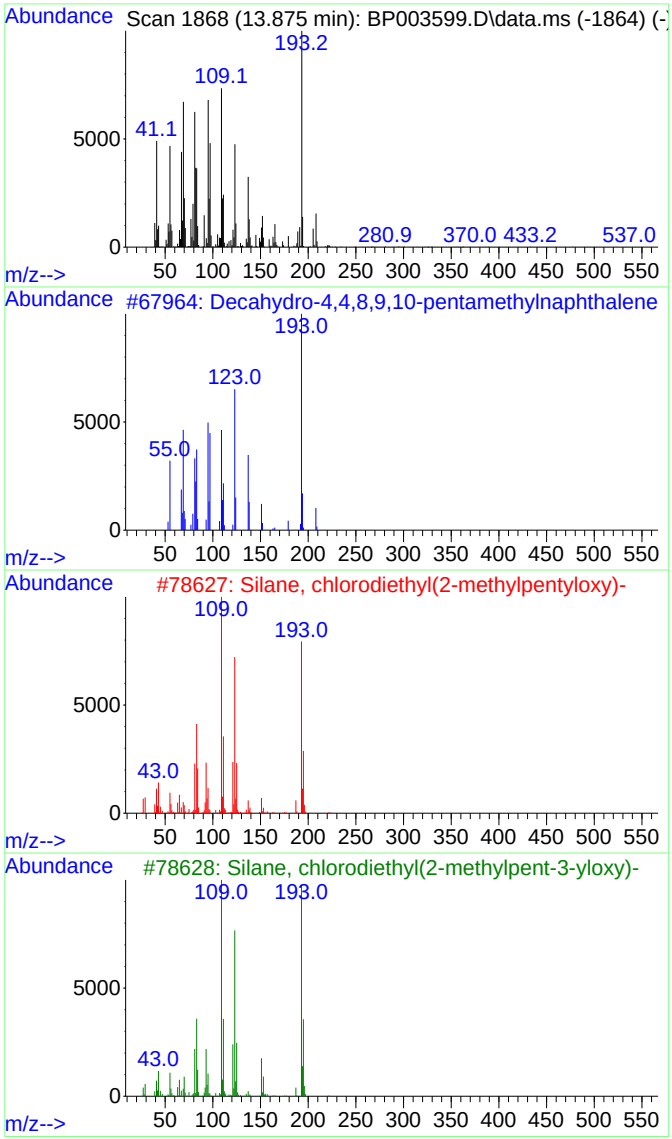
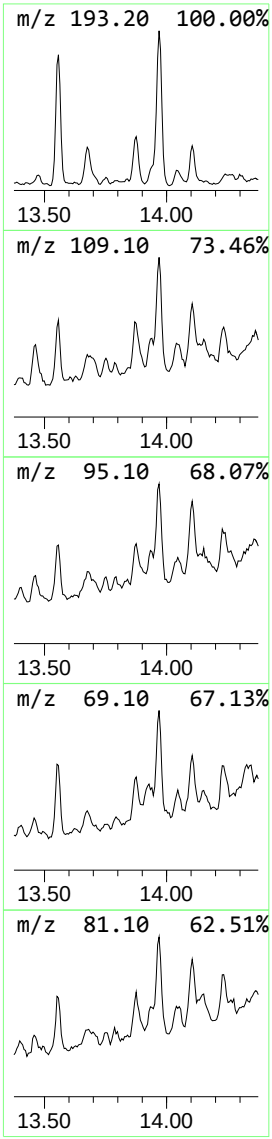
****
Peak Number 6 Silane, chlorodiethyl(2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	8.56 ng	240387	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	58
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	58
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	41
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38





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TIC Library : C:\DATABASE\NIST11.L
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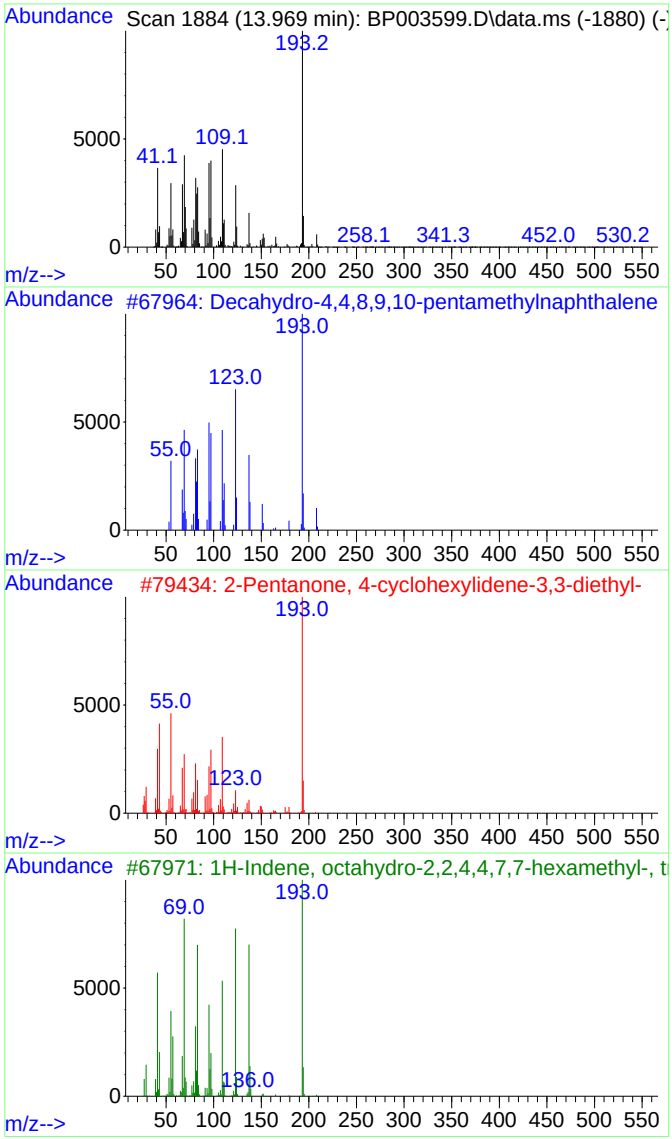
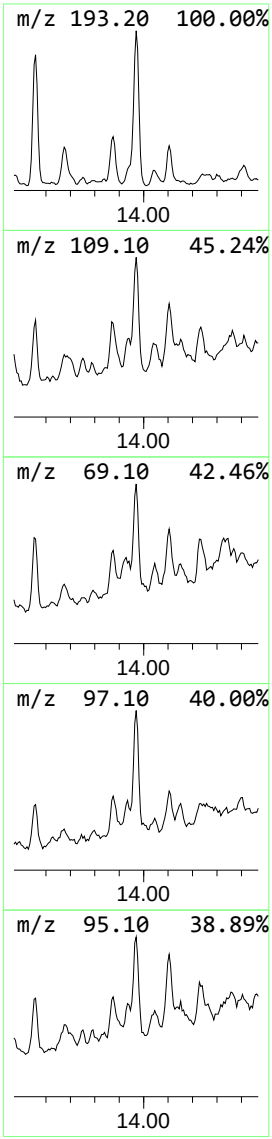
****

Peak Number 7 unknown13.969 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	15.55 ng	436713	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	22





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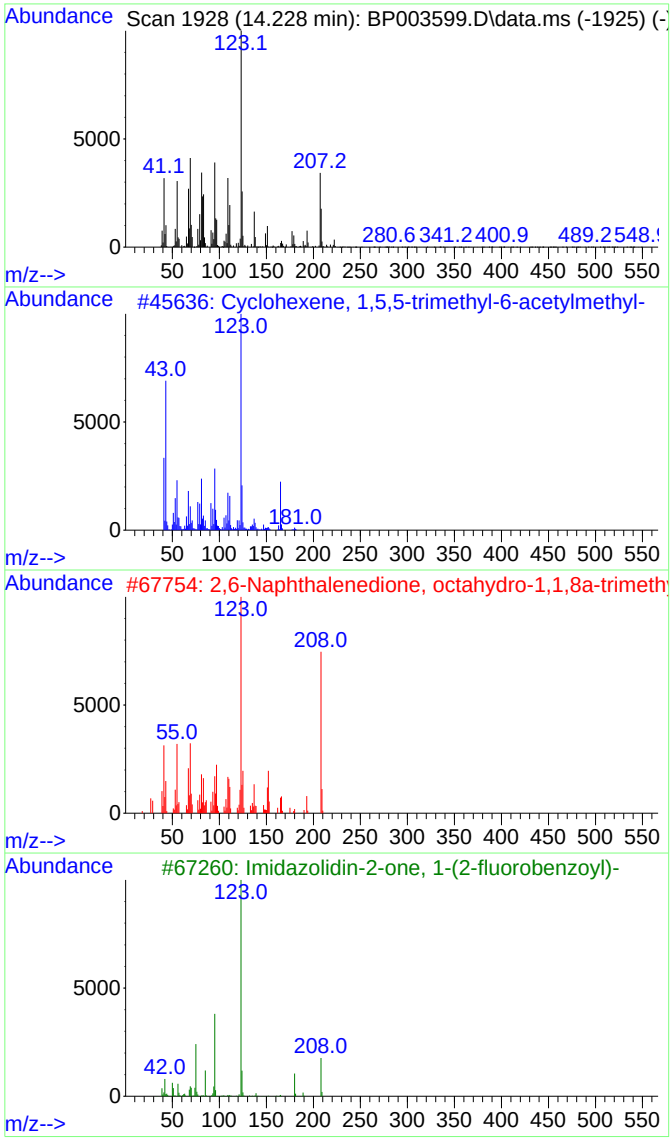
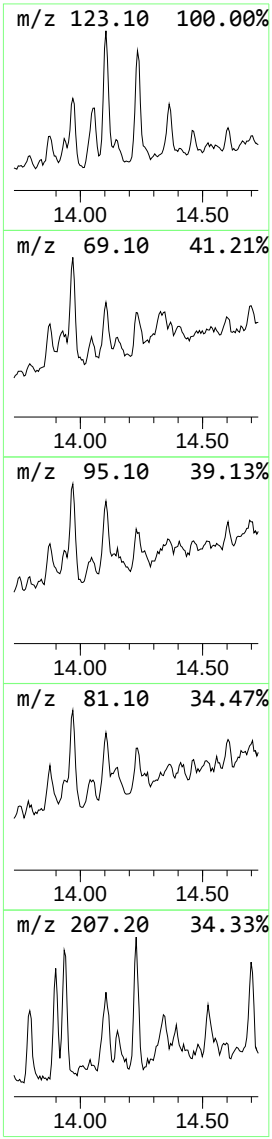
****
Peak Number 8 Cyclohexene, 1,5,5-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.228	8.57 ng	240687	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	52
2	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	50
3	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	49
4	photocitral A	152	C10H16O	055253-28-6	47
5	1H-Indene, 5-decyloctahydro-	264	C19H36	055044-35-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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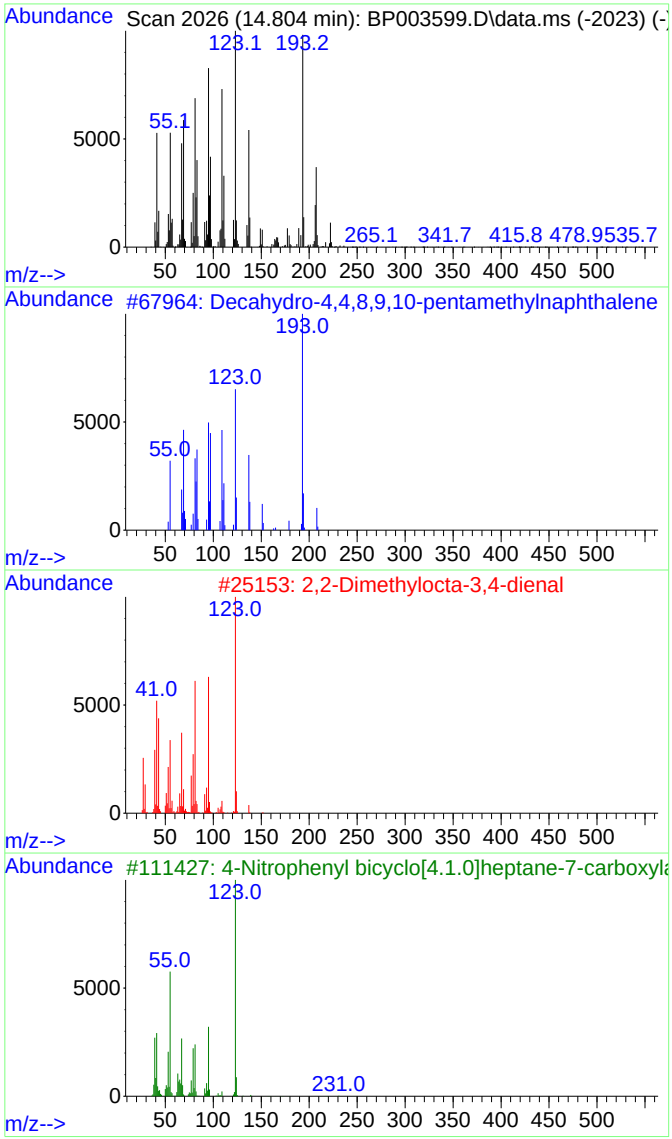
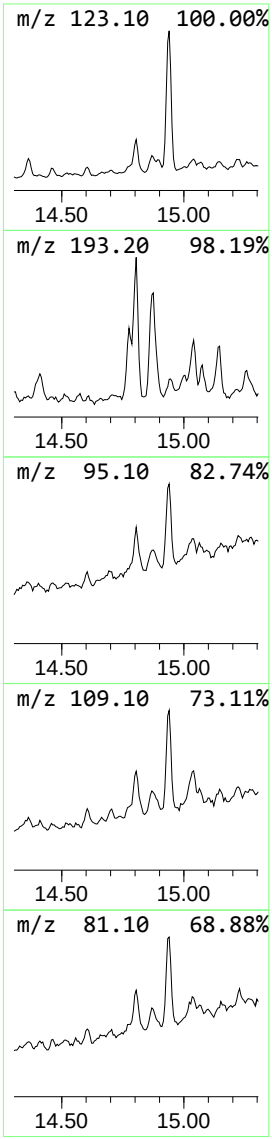
****
Peak Number 9 unknown14.804 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	8.34 ng	234111	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	38
3	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	30
4	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	30
5	2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	27





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ClientSampleId : 12018

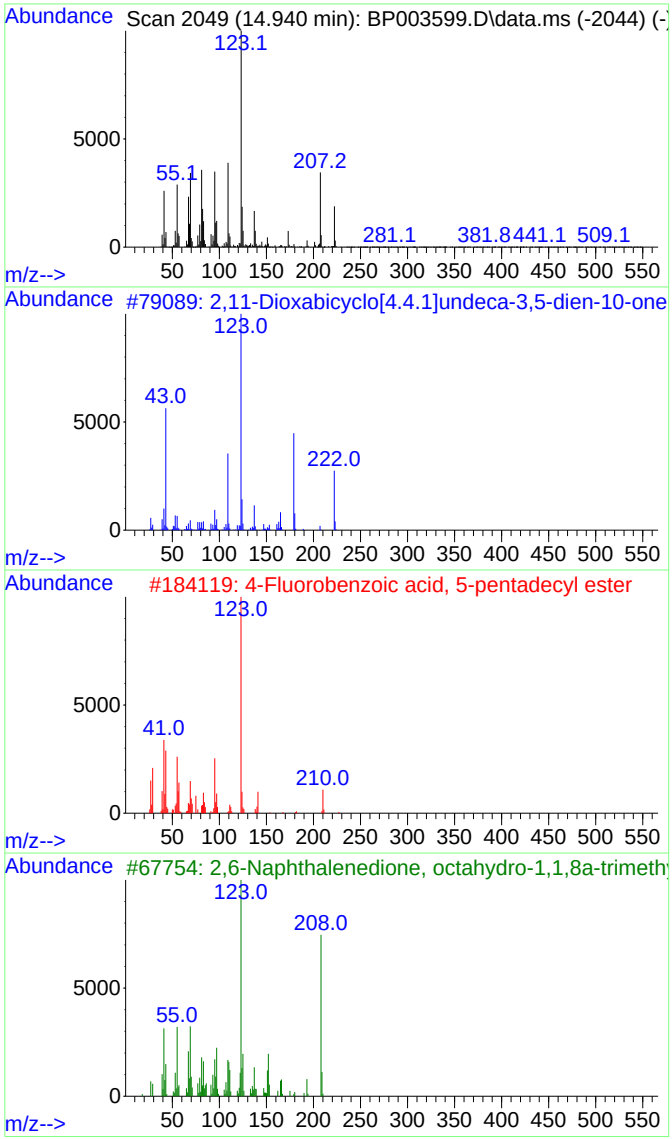
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

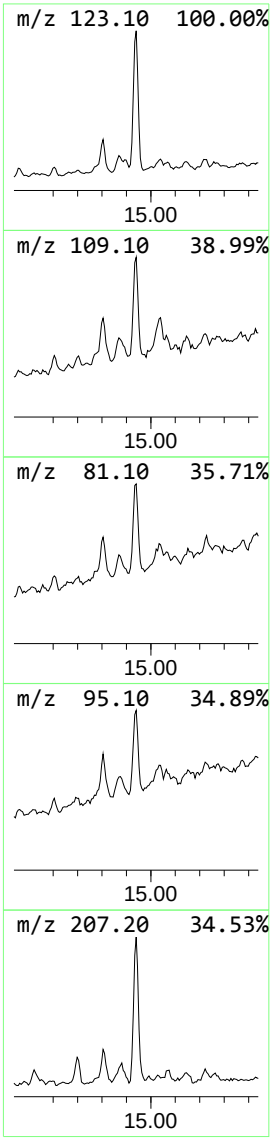
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	26.71 ng	750113	Acenaphthene-d10	14.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	59
2	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	47
3	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	47
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
5	Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
Data File : BP003599.D
Acq On : 09 Oct 2020 18:21
Operator : CG/JU
Sample : L4319-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 12018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
1,3,5-Trimethyl...	11.340	2.4	ng	43627	2	10.252	364875	20.0
unknown12.557	12.557	2.9	ng	82169	3	14.140	561583	20.0
Decahydro-4,4,8...	12.910	5.1	ng	142040	3	14.140	561583	20.0
unknown13.404	13.404	4.1	ng	114469	3	14.140	561583	20.0
Naphthalene, de...	13.457	3.7	ng	103260	3	14.140	561583	20.0
Silane, chlorod...	13.875	8.6	ng	240387	3	14.140	561583	20.0
unknown13.969	13.969	15.6	ng	436713	3	14.140	561583	20.0
Cyclohexene, 1,...	14.228	8.6	ng	240687	3	14.140	561583	20.0
unknown14.804	14.804	8.3	ng	234111	3	14.140	561583	20.0
2,11-Dioxabicyc...	14.940	26.7	ng	750113	3	14.140	561583	20.0