LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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_N\METHODS\8270-BN032619.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	5.246	378	384	391	rBB	115381	162378	35.53%	4.564%
2	6.834	647	654	661	rBB	115689	179669	39.31%	5.050%
3	7.187	708	714	720	rBB	134884	199155	43.58%	5.597%
4	7.652	788	793	798	rBB	19719	29335	6.42%	0.824%
5	7.969	841	847	852	rBB	98163	153759	33.65%	4.321%
6	8.816	985	991	997	rBB	72775	112149	24.54%	3.152%
7	10.434	1260	1266	1272	rBB	29377	45060	9.86%	1.266%
8	12.157	1553	1559	1565	rBV	5638	10042	2.20%	0.282%
9	12.234	1565	1572	1578	rBV5	2736	7044	1.54%	0.198%
10	12.481	1609	1614	1618	rBV3	3597	6009	1.31%	0.169%
11	12.634	1634	1640	1645	rBV3	4731	10493	2.30%	0.295%
12	12.710	1646	1653	1658	rVV3	12341	21344	4.67%	0.600%
13	12.775	1658	1664	1667	rVV4	3701	8286	1.81%	0.233%
14	12.804	1667	1669	1674	rVB2	5117	6303	1.38%	0.177%
15	12.875	1674	1681	1682	rBV3	10789	17074	3.74%	0.480%
16	12.916	1682	1688	1694	rVB	226580	332877	72.84%	9.356%
17	12.975	1694	1698	1703	rBV6	4557	9773	2.14%	0.275%
18	13.051	1706	1711	1719	rBV3	26748	53417	11.69%	1.501%
19	13.346	1757	1761	1764	rBV6	4630	7287	1.59%	0.205%
20	13.493	1781	1786	1789	rBV6	9499	15877	3.47%	0.446%
21	13.698	1817	1821	1825	rBV	51171	67547	14.78%	1.898%
22	13.763	1828	1832	1837	rVV2	37842	56976	12.47%	1.601%
23	13.816	1837	1841	1850	rVB5	26741	50326	11.01%	1.414%
24	13.928	1856	1860	1864	rBV5	14406	21544	4.71%	0.605%
25	14.022	1871	1876	1882	rBV4	47231	97441	21.32%	2.739%
26	14.075	1882	1885	1887	rVV2	20689	28297	6.19%	0.795%
27	14.116	1887	1892	1898	rVB	98339	154899	33.89%	4.353%
28	14.187	1898	1904	1909	rBV4	26605	58404	12.78%	1.641%
29	14.251	1910	1915	1918	rVV2	42697	72325	15.83%	2.033%
30	14.298	1919	1923	1929	rVB3	54099	99053	21.67%	2.784%
31	14.816	2006	2011	2020	rBV5	36774	95210	20.83%	2.676%
32	14.922	2025	2029	2030	rBV2	25922	36334	7.95%	1.021%
33	15.010	2039	2044	2050	rBV7	38245	78571	17.19%	2.208%
34	15.075	2051	2055	2060	rBV2	101031	156277	34.20%	4.392%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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_N\METHODS\8270-BN032619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.804	2174	2179	2184	rBV	197843	272864	59.71%	7.669%
36	17.063	2389	2393	2396	rBV3	65924	92217	20.18%	2.592%
37	19.698	2836	2841	2847	rVB	363073	457003	100.00%	12.844%
38	21.257	3103	3106	3120	rVB	87062	130539	28.56%	3.669%
39	22.769	3360	3363	3370	rVB5	11409	17193	3.76%	0.483%
40	23.180	3430	3433	3439	rVB	4613	6840	1.50%	0.192%
41	23.374	3462	3466	3475	rVB4	6381	12923	2.83%	0.363%
42	23.486	3479	3485	3492	rVB2	41461	74949	16.40%	2.106%
43	23.957	3560	3565	3571	rVB3	5787	13767	3.01%	0.387%
44	24.498	3652	3657	3666	rVB	4224	10685	2.34%	0.300%
45	25.145	3761	3767	3774	rBV2	3888	8545	1.87%	0.240%

Sum of corrected areas: 3558060

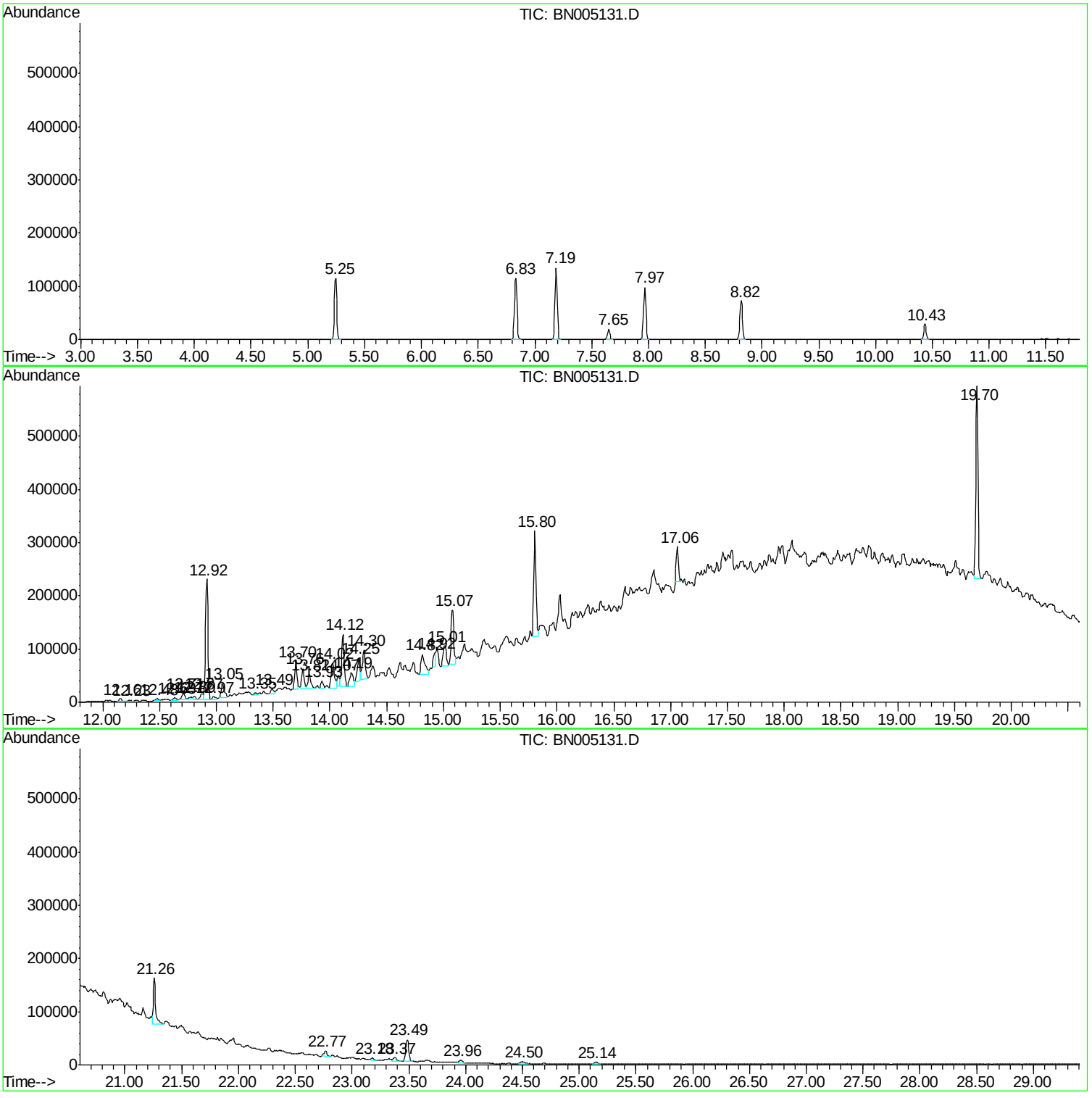
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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 N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

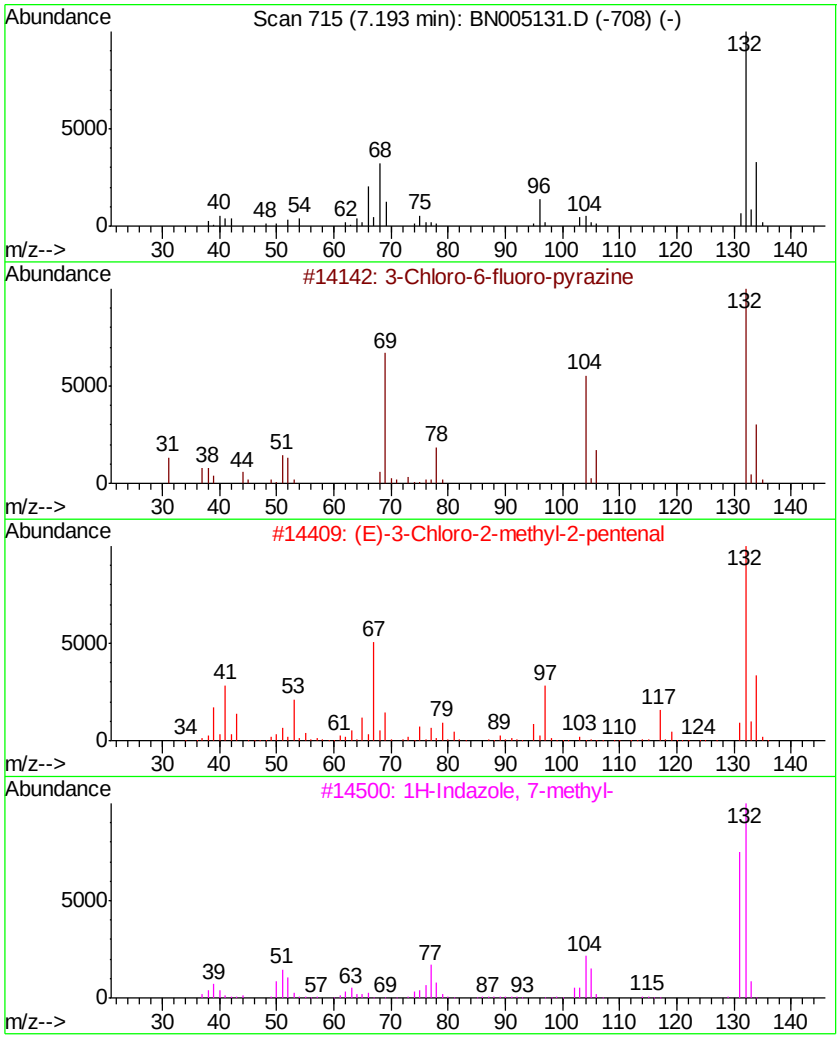
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

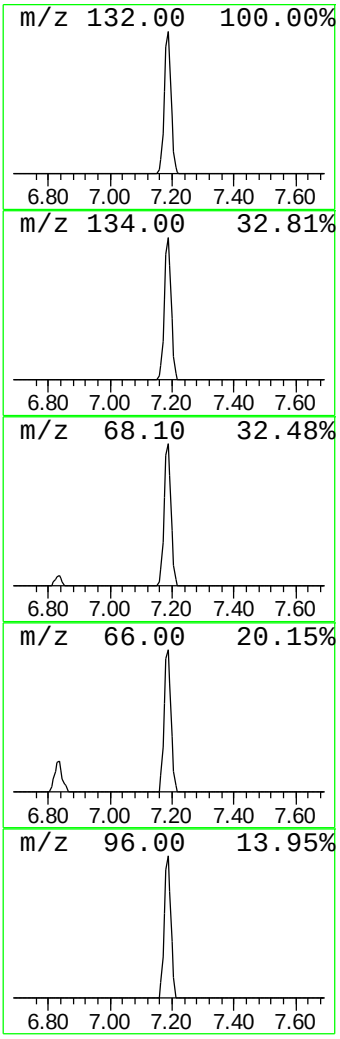
****

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	135.78 ng	199155	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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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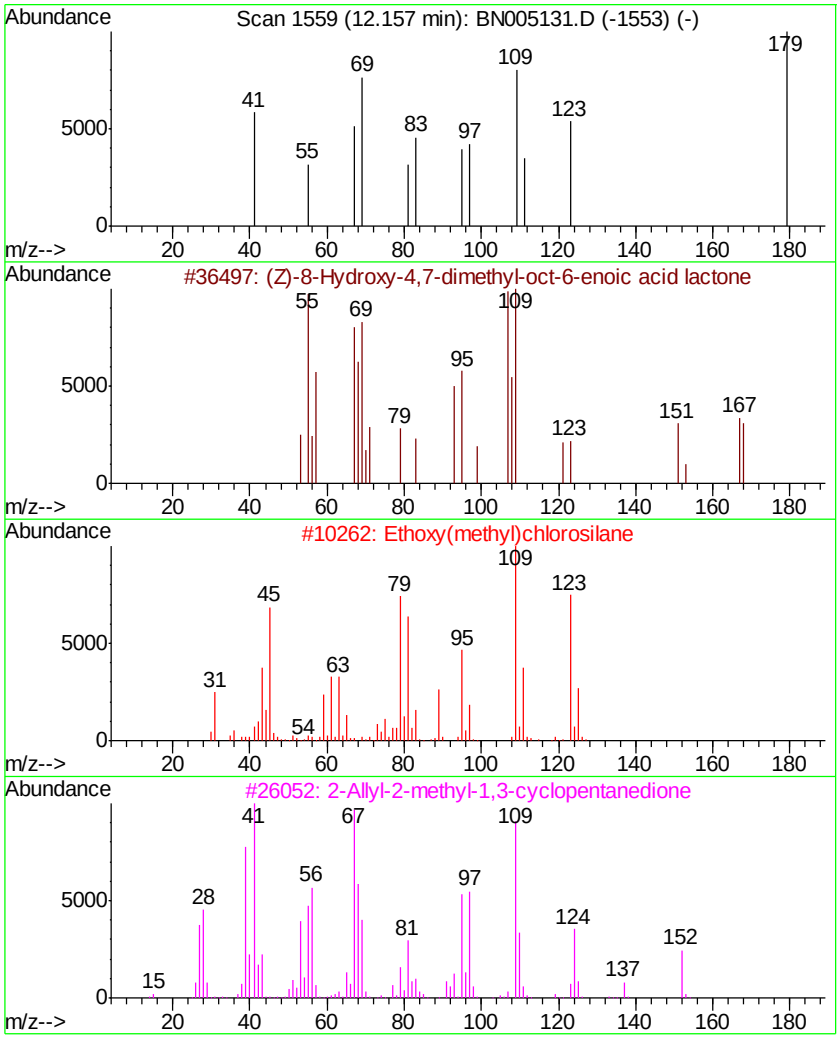
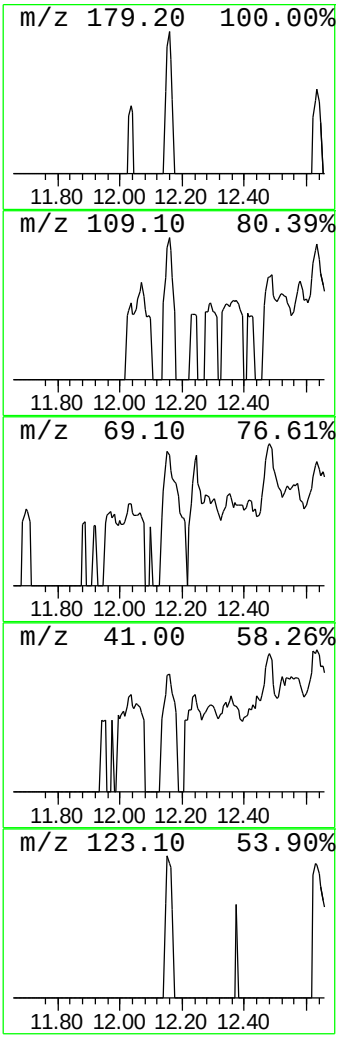
Peak Number 3 unknown12.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.46 ng	10042	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-8-Hydroxy-4,7-dimethyl-oct-6...	168	C10H16O2	106542-12-5	32
2	Ethoxy(methyl)chlorosilane	124	C3H9ClOSi	018191-33-8	25
3	2-Allyl-2-methyl-1,3-cyclopentan...	152	C9H12O2	026828-48-8	12
4	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	9
5	12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

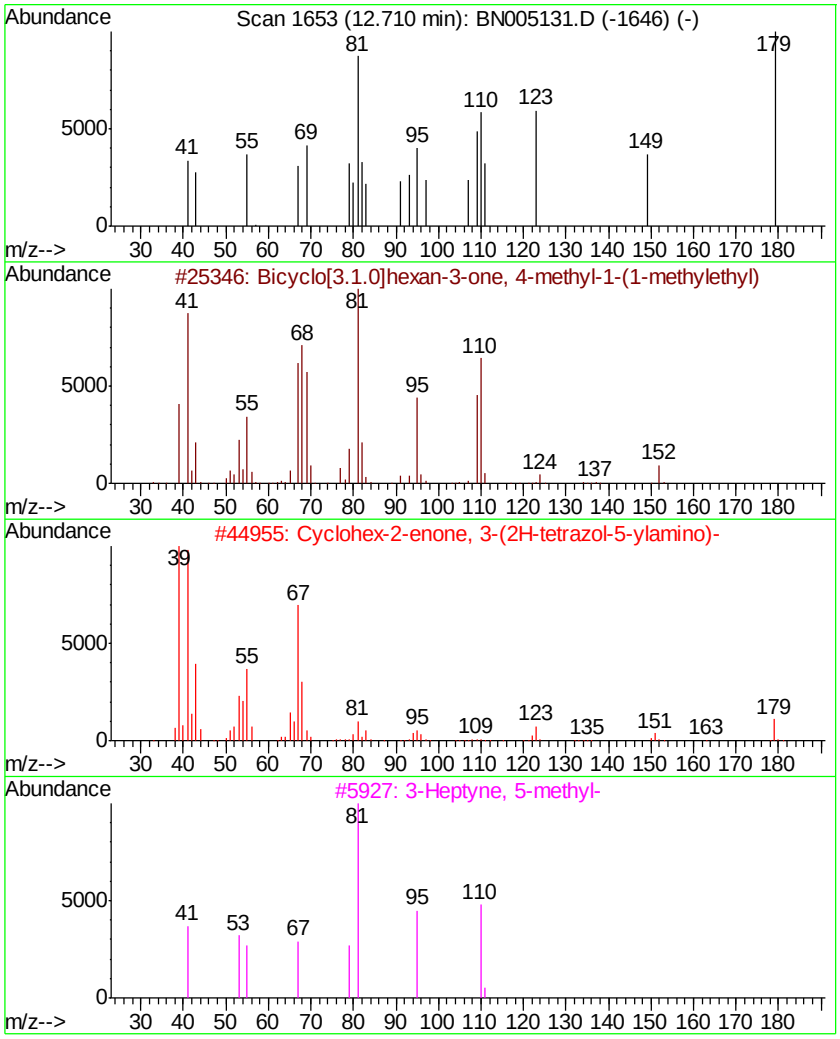
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

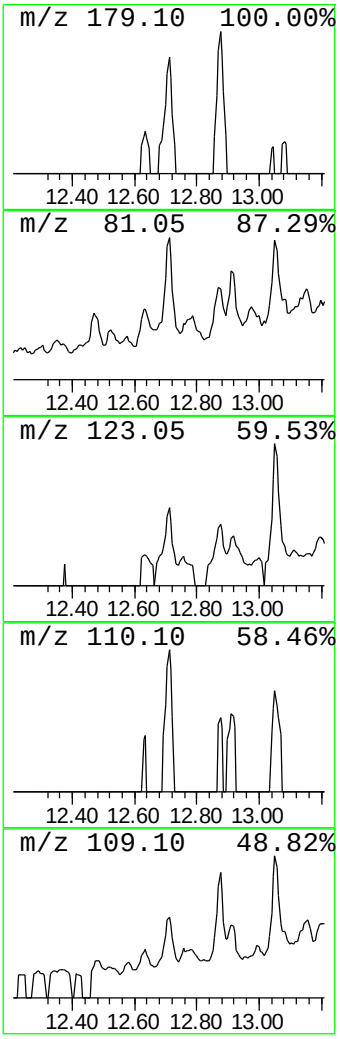
****

Peak Number 4 unknown12.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.31 ng	21344	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	38
2	Cyclohex-2-enone, 3-(2H-tetrazol...	179	C7H9N5O	1000311-07-7	38
3	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	30
4	Bicyclo[2.2.1]hept-2-en-7-ol	110	C7H10O	053783-87-2	30
5	Trichloroacetic acid, 2-ethylcyc...	272	C10H15Cl3O2	1000282-57-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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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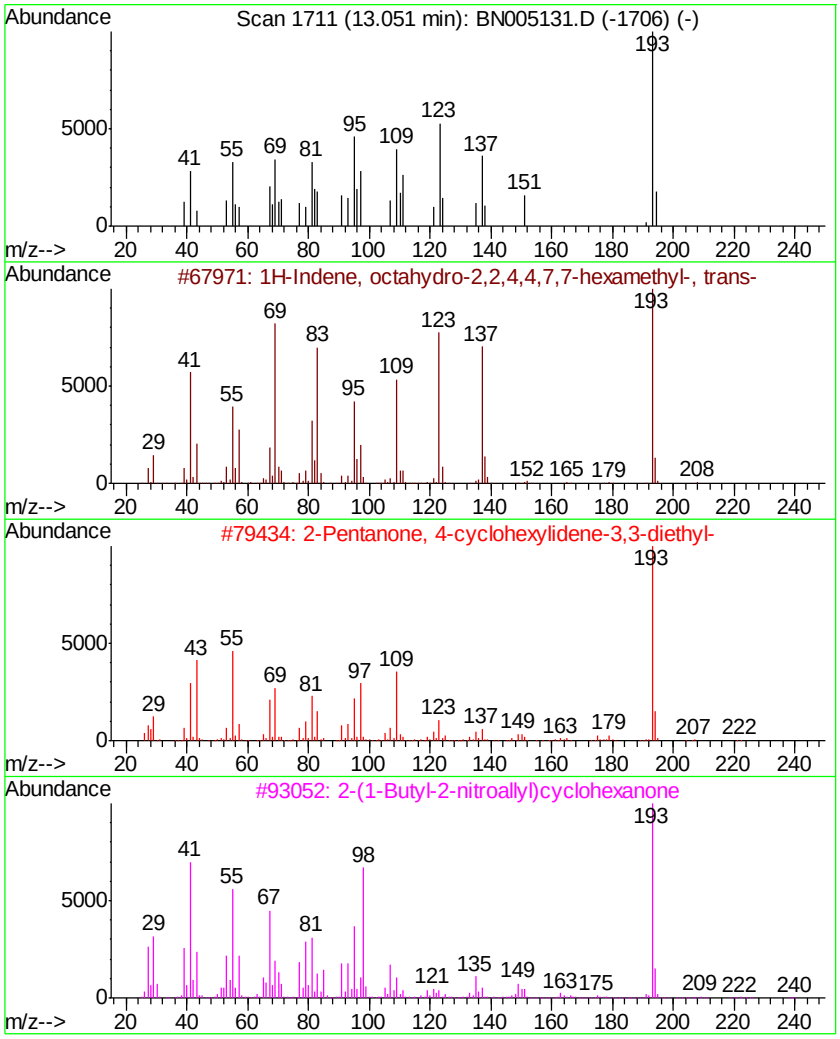
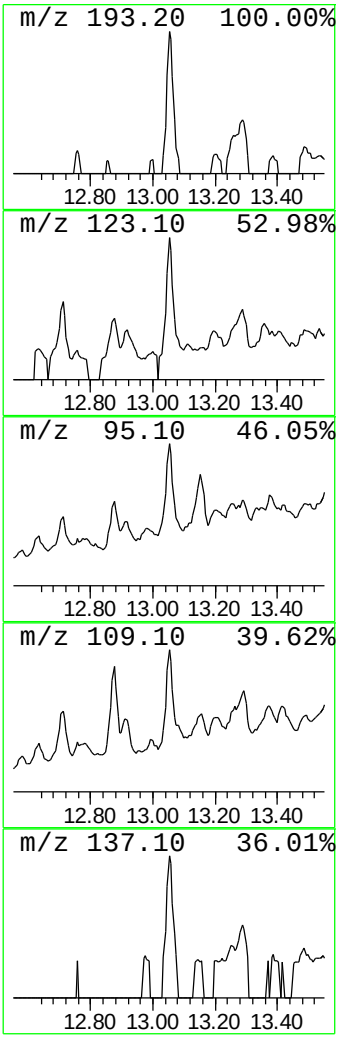
Peak Number 5 unknown13.05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	10.79 ng	53417	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3	2-(1-Butyl-2-nitroallyl)cyclohex...	239	C13H21NO3	1000192-05-9	25
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	18
5	(1Ar-(1aalpha,4abeta,8as(*)))-4a...	222	C13H18O3	1000242-02-8	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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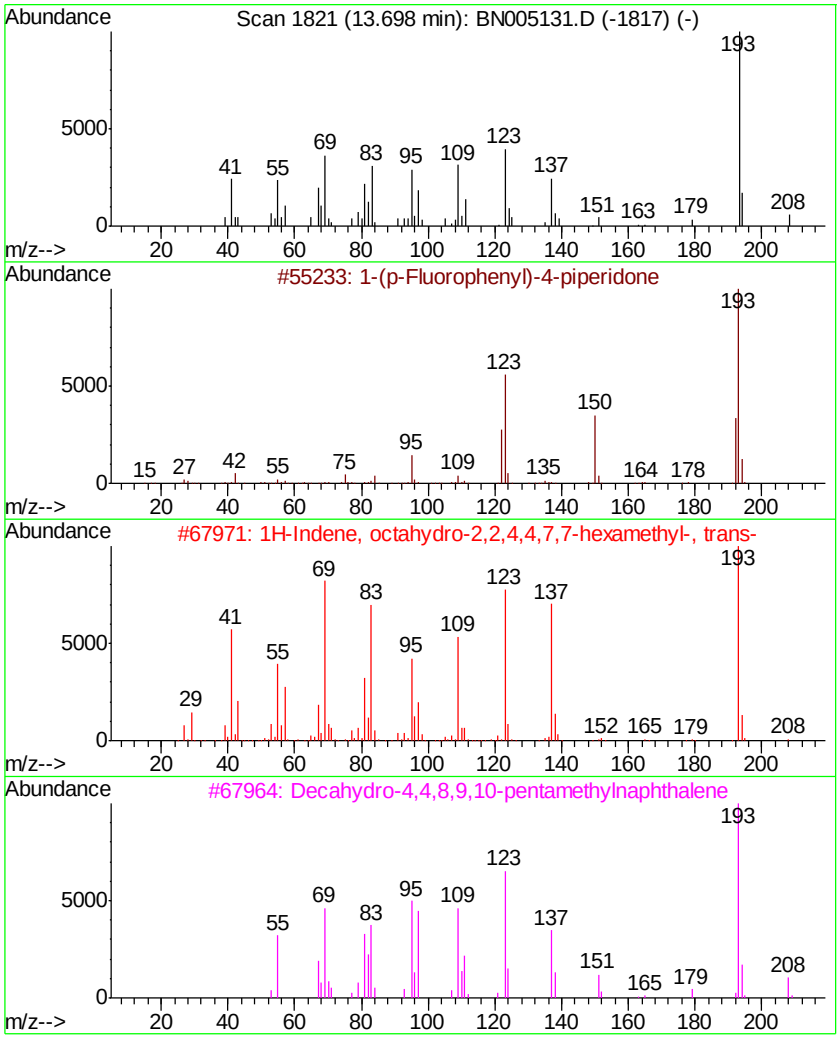
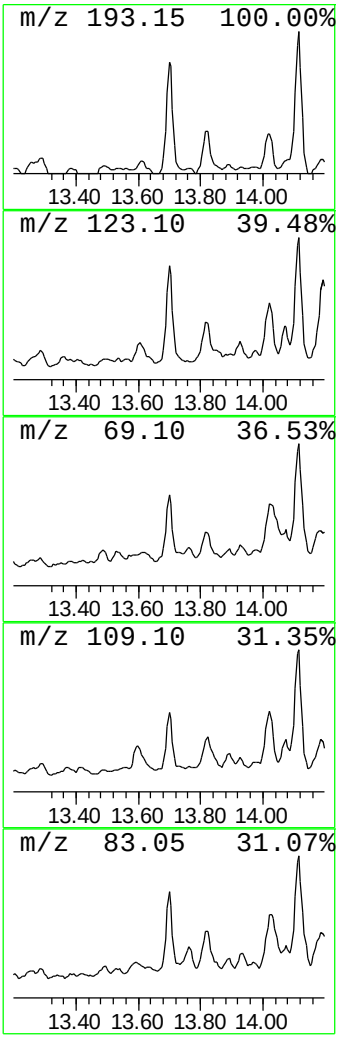
Peak Number 6 unknown13.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	13.64 ng	67547	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	42
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4	2-Anthracenamine	193	C14H11N	000613-13-8	35
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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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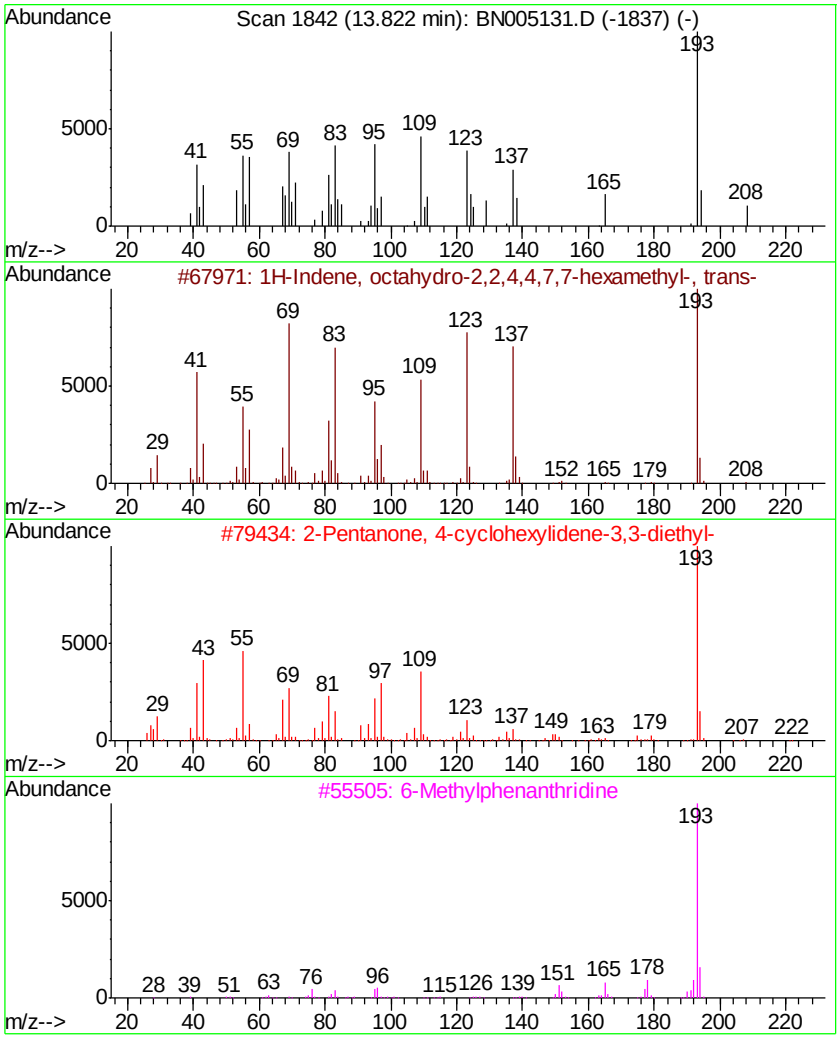
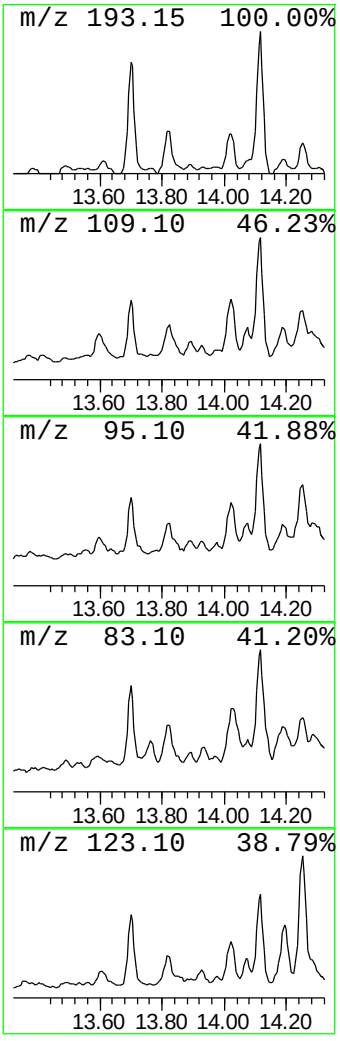
Peak Number 7 unknown13.82 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.16 ng	50326	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
3	6-Methylphenanthridine	193	C14H11N	003955-65-5	30
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	27
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
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Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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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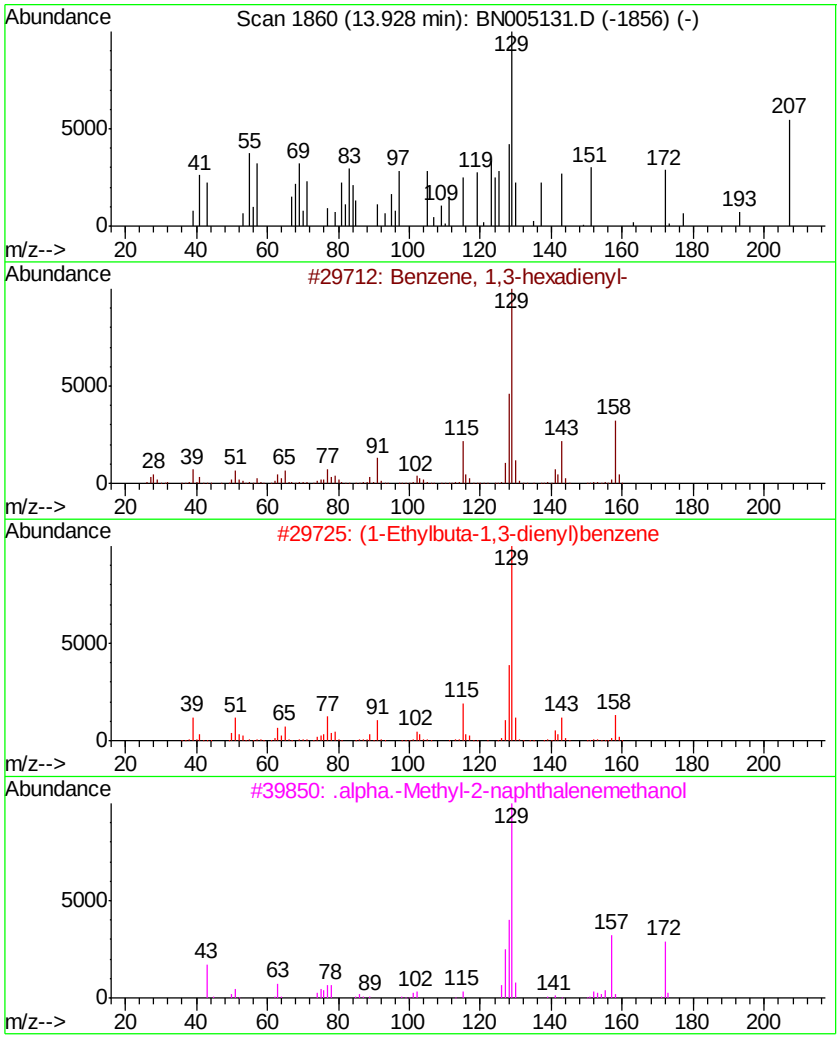
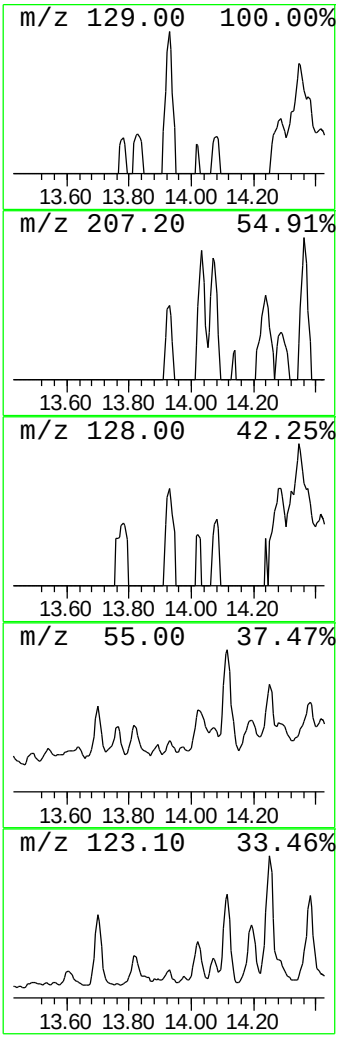
Peak Number 8 unknown13.93 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.35 ng	21544	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	32
2	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	25
3	.alpha.-Methyl-2-naphthalenemeth...	172	C12H12O	007228-47-9	25
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	23
5	4H-1,2,4-Triazole, 4-methyl-3-(m...	129	C4H7N3S	021094-61-1	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

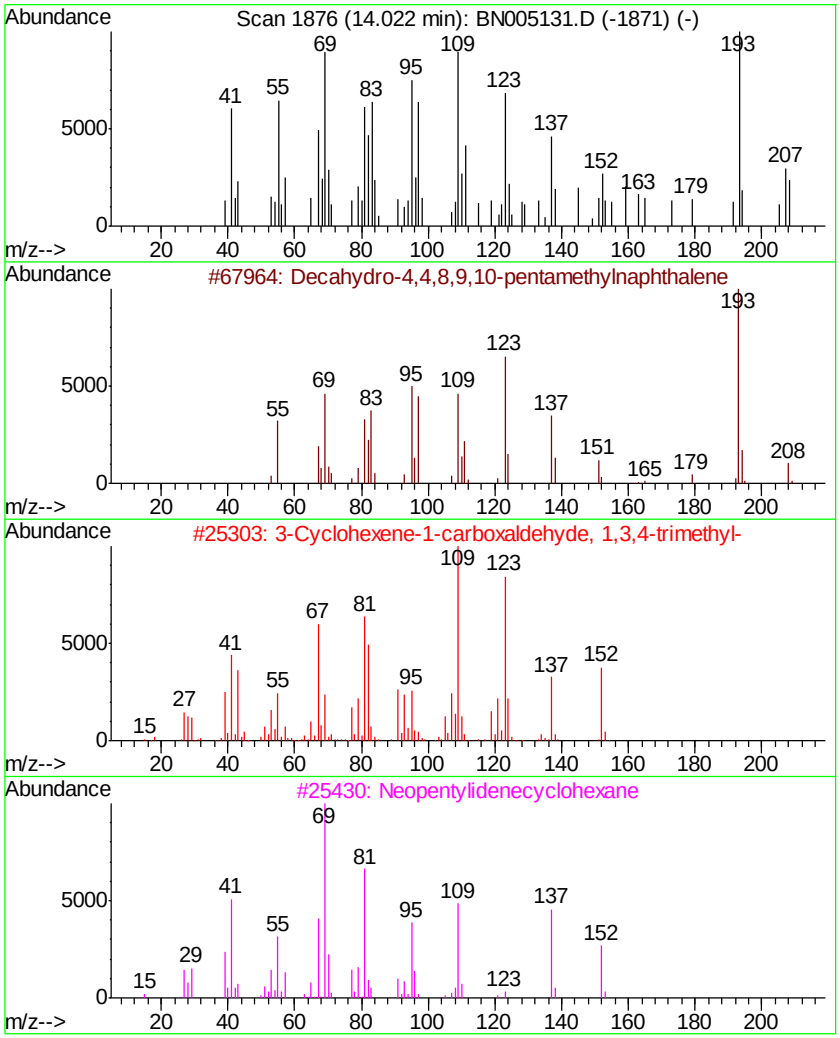
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

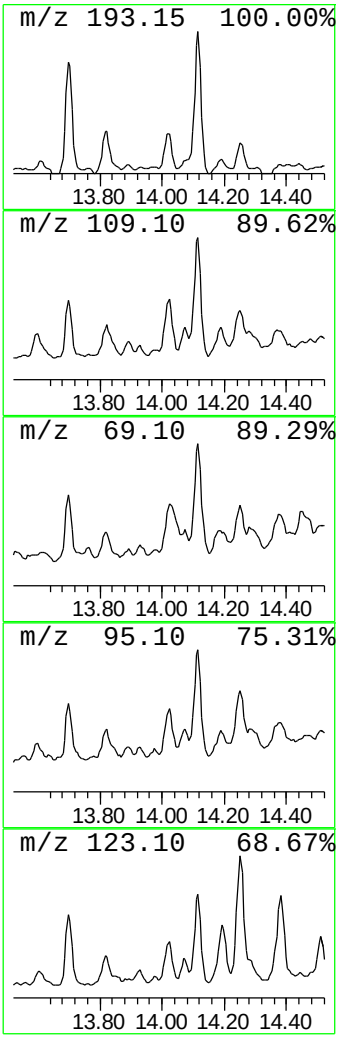
****

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	19.67 ng	97441	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	52
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	41
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	25
5	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22





Library Search Compound Report

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Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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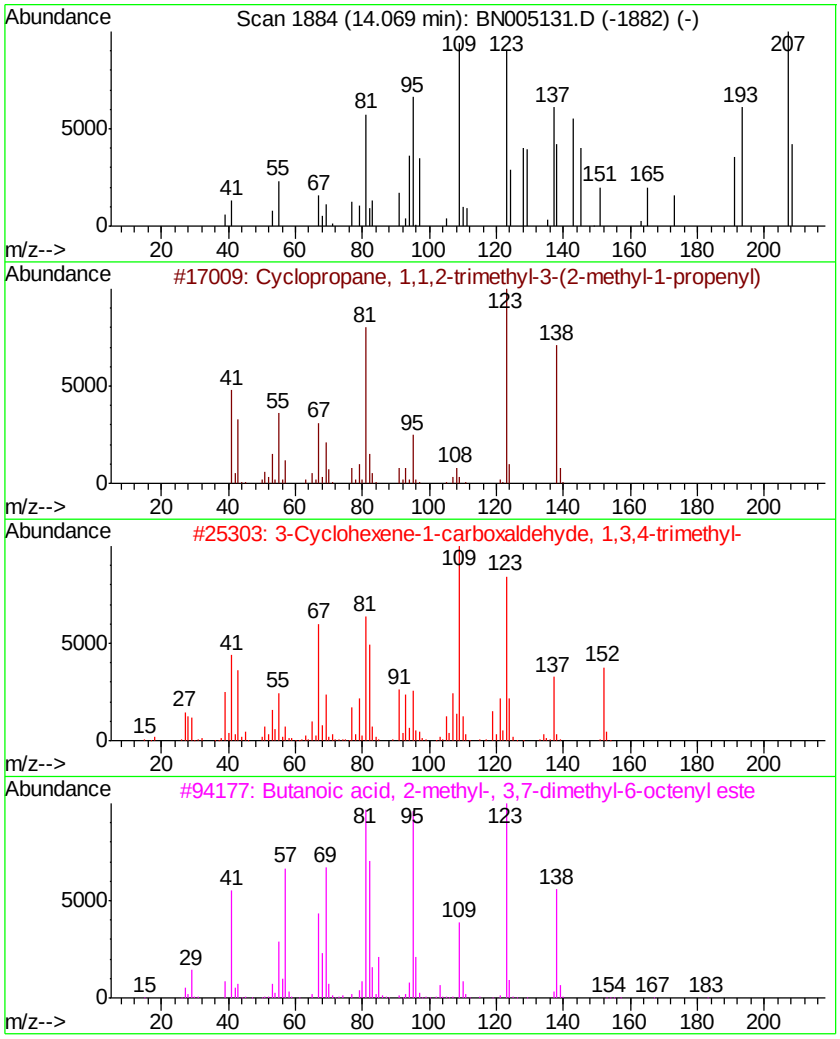
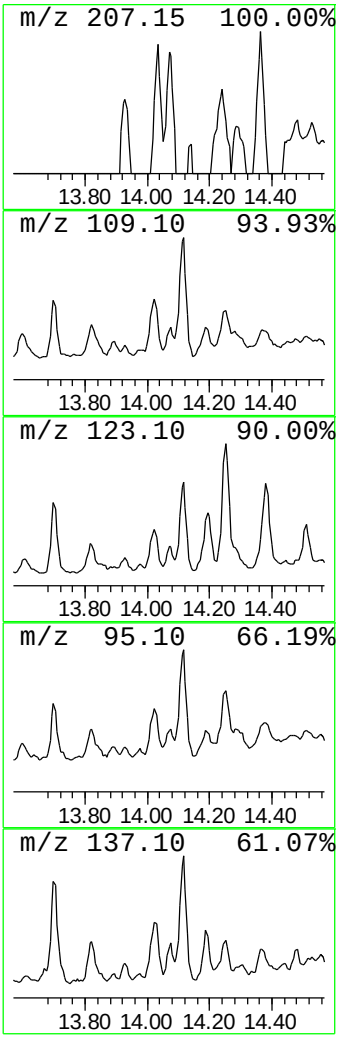
Peak Number 10 unknown14.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	5.71 ng	28297	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-3-...	138	C10H18	054764-57-7	11
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	10
3	Butanoic acid, 2-methyl-, 3,7-di...	240	C15H28O2	085409-36-5	10
4	3,7-Dimethyloct-6-en-1-yl propyl...	242	C14H26O3	1000372-83-5	10
5	2-(1-Methylcyclopropyl)thiophene	138	C8H10S	1000100-02-7	10





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Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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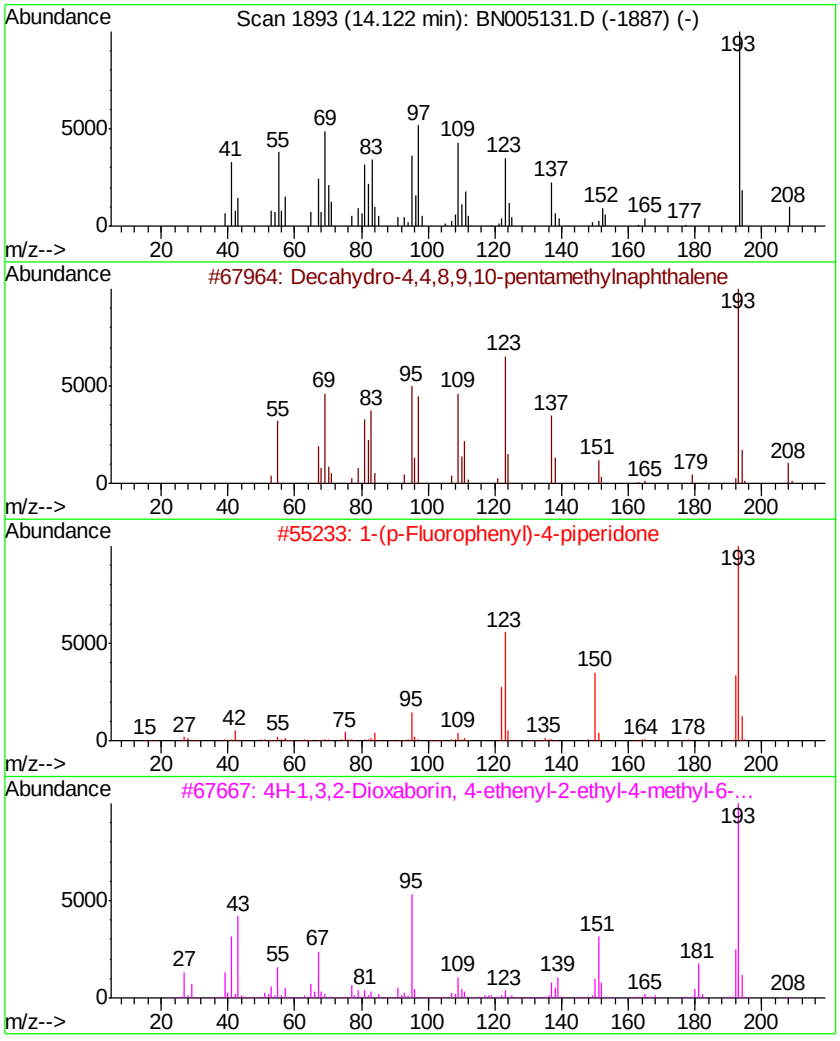
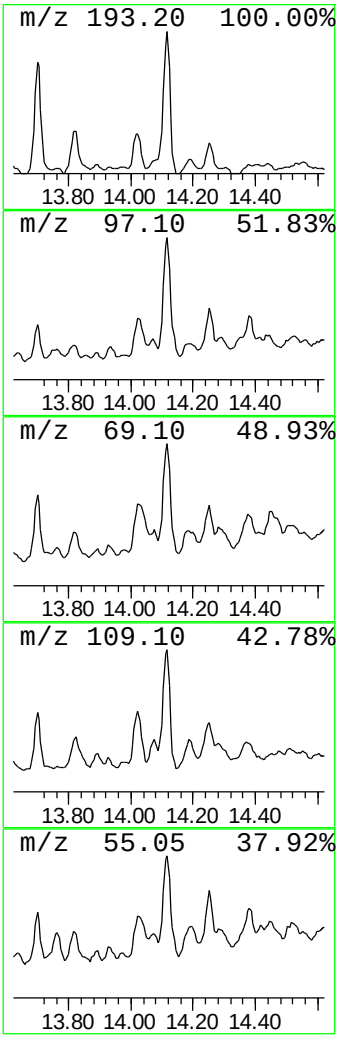
Peak Number 11 unknown14.12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	31.28 ng	154899	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	90
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	32
4	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	27
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	16





Library Search Compound Report

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Sample : K2345-01
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ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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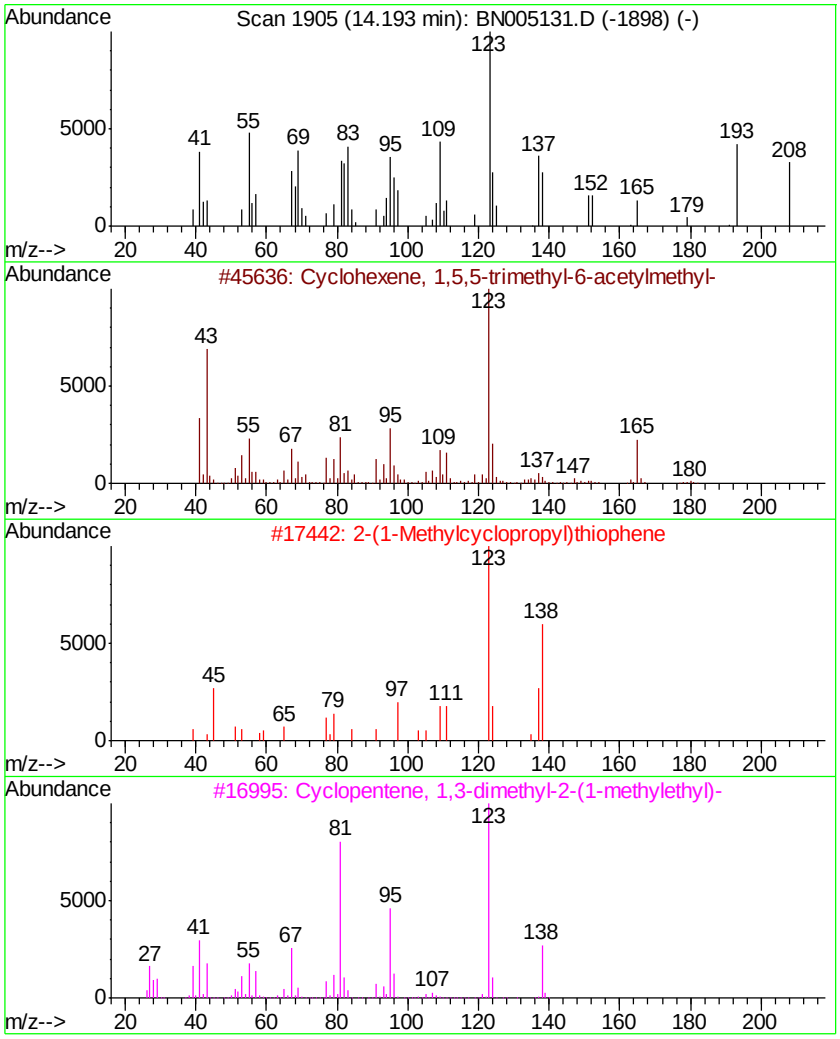
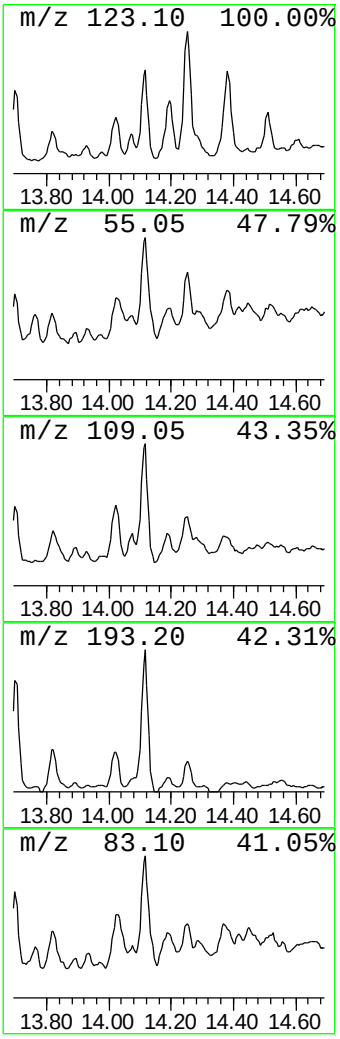
Peak Number 12 unknown14.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	11.79 ng	58404	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	38
2	2-(1-Methylcyclopropyl)thiophene	138	C8H10S	1000100-02-7	38
3	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	38
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	35
5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35





Library Search Compound Report

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Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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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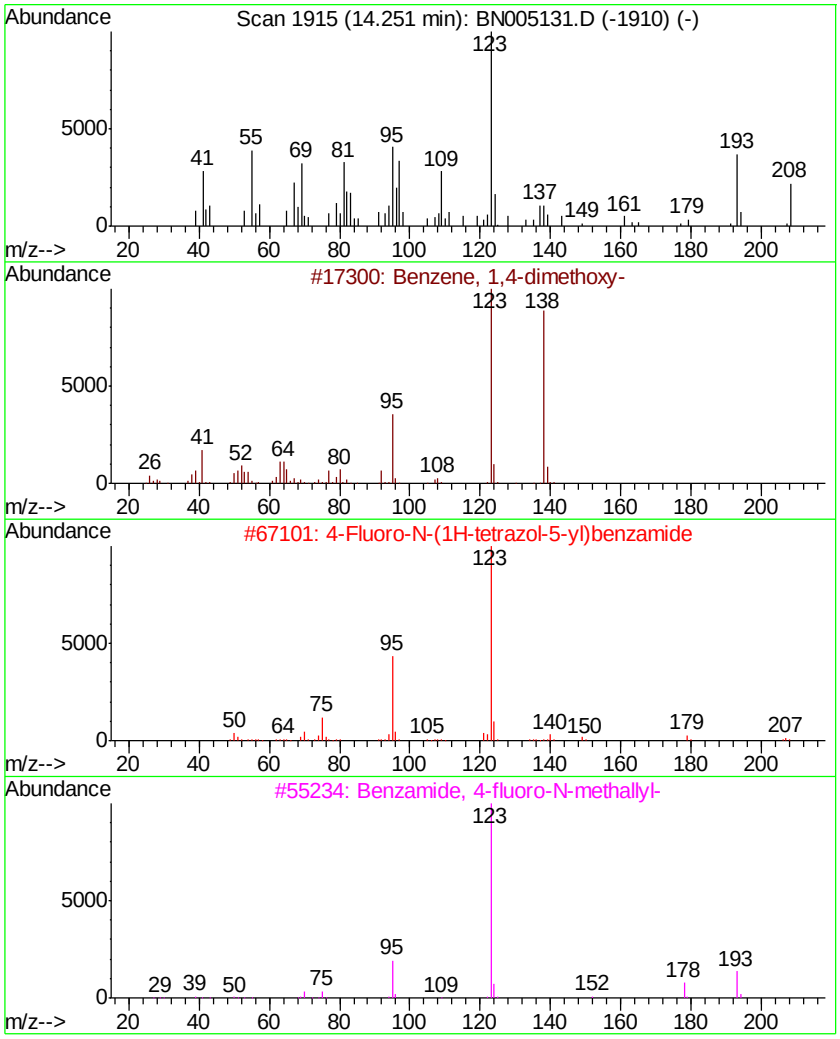
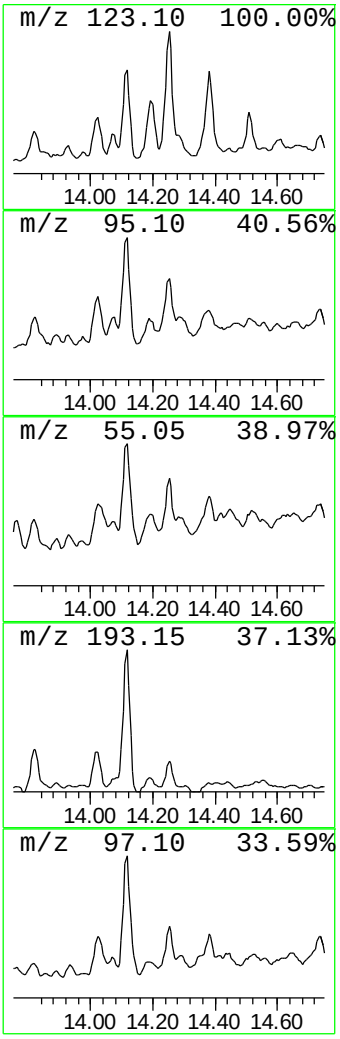
Peak Number 13 unknown14.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	14.60 ng	72325	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	43
2	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	43
3	Benzamide, 4-fluoro-N-methallyl-	193	C11H12FNO	1000340-31-9	38
4	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	38
5	Cyclopropane, 1,1,2-trimethyl-3-...	138	C10H18	054764-57-7	38





Library Search Compound Report

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Sample : K2345-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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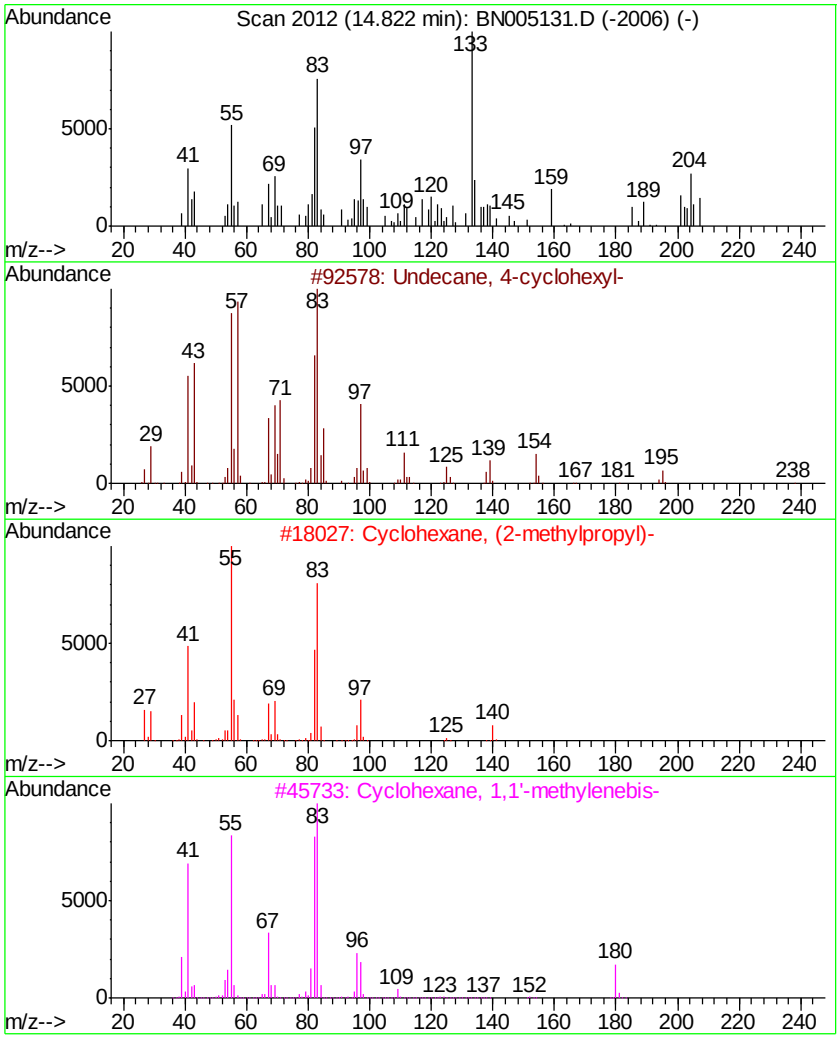
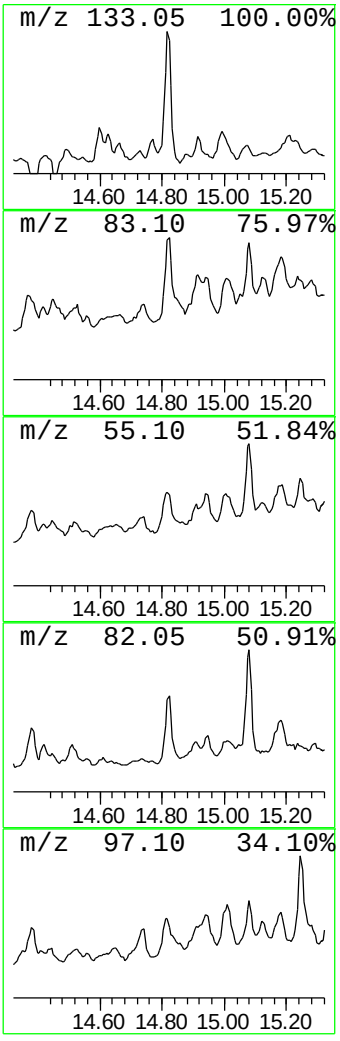
Peak Number 14 unknown14.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	19.22 ng	95210	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	27
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	22
3	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	14
4	N-Chlorosuccinimide	133	C4H4ClNO2	000128-09-6	14
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	11





Library Search Compound Report

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Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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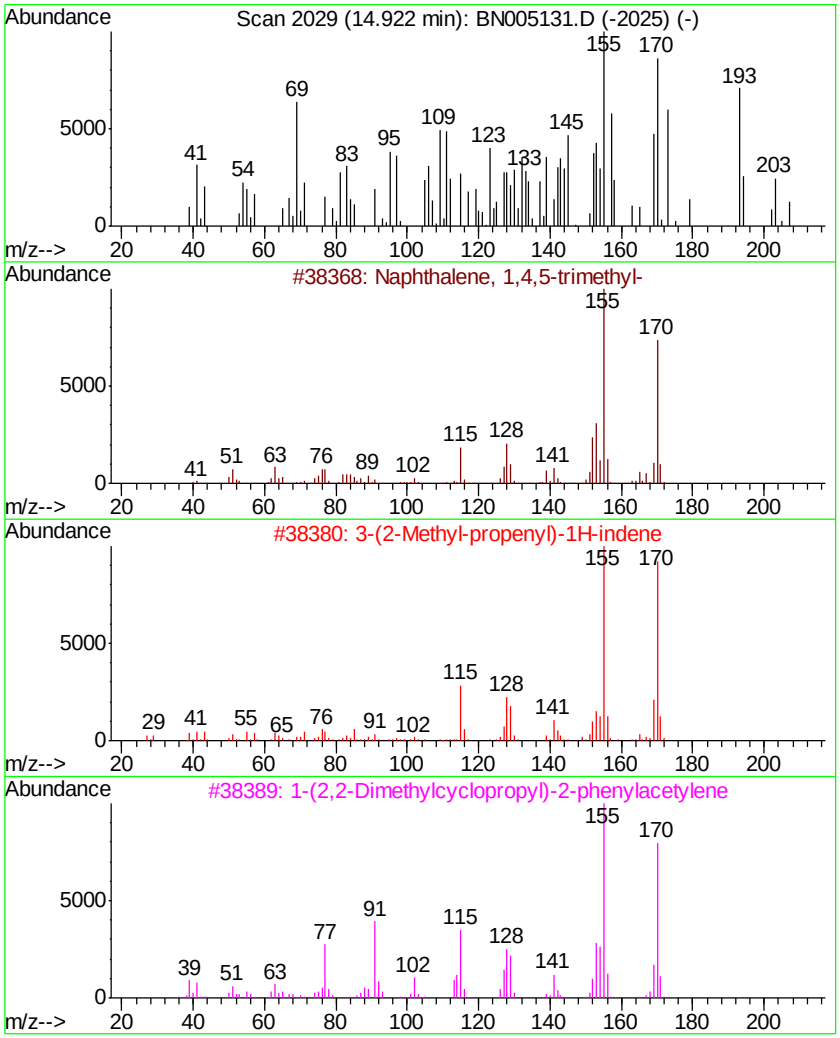
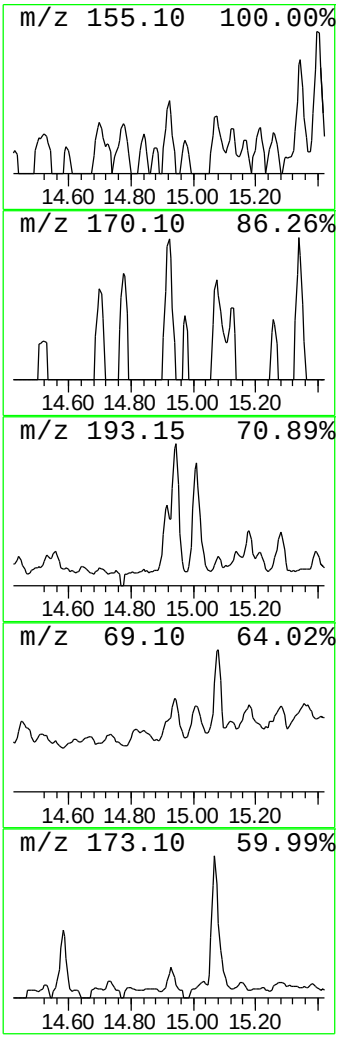
Peak Number 15 unknown14.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.34 ng	36334	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	30
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	30
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	27
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	25





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Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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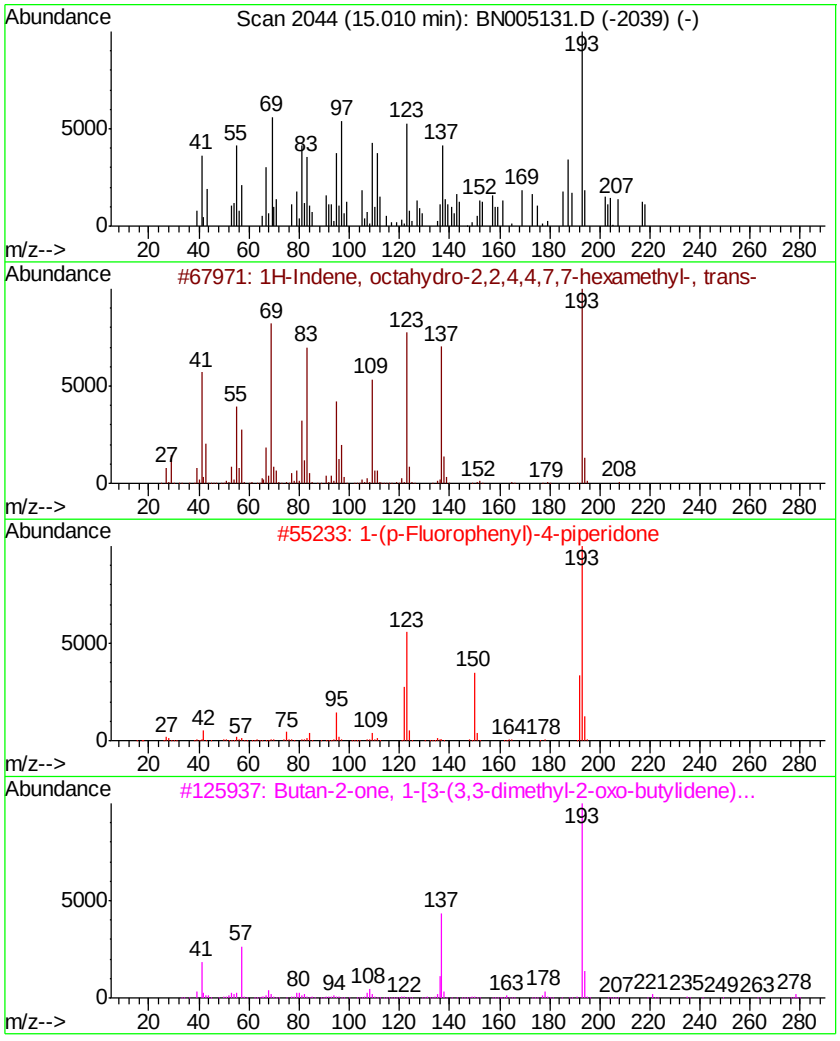
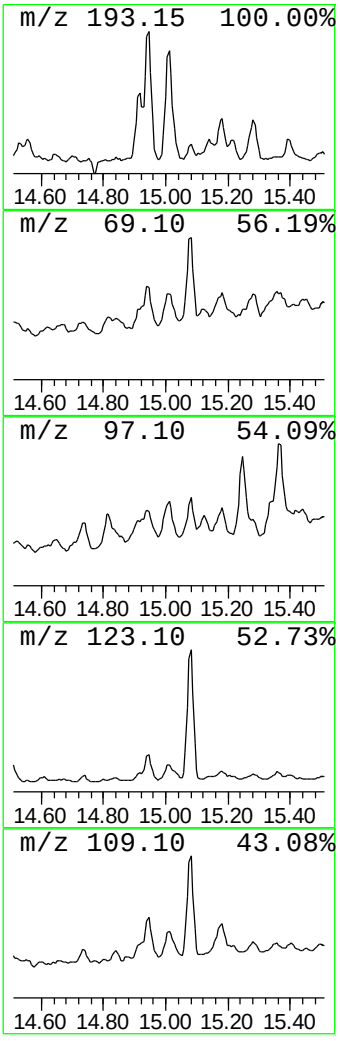
Peak Number 16 unknown15.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	15.86 ng	78571	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
4	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	25
5	Neopentylidenecyclohexane	152	C11H20	039546-80-0	20





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Sample : K2345-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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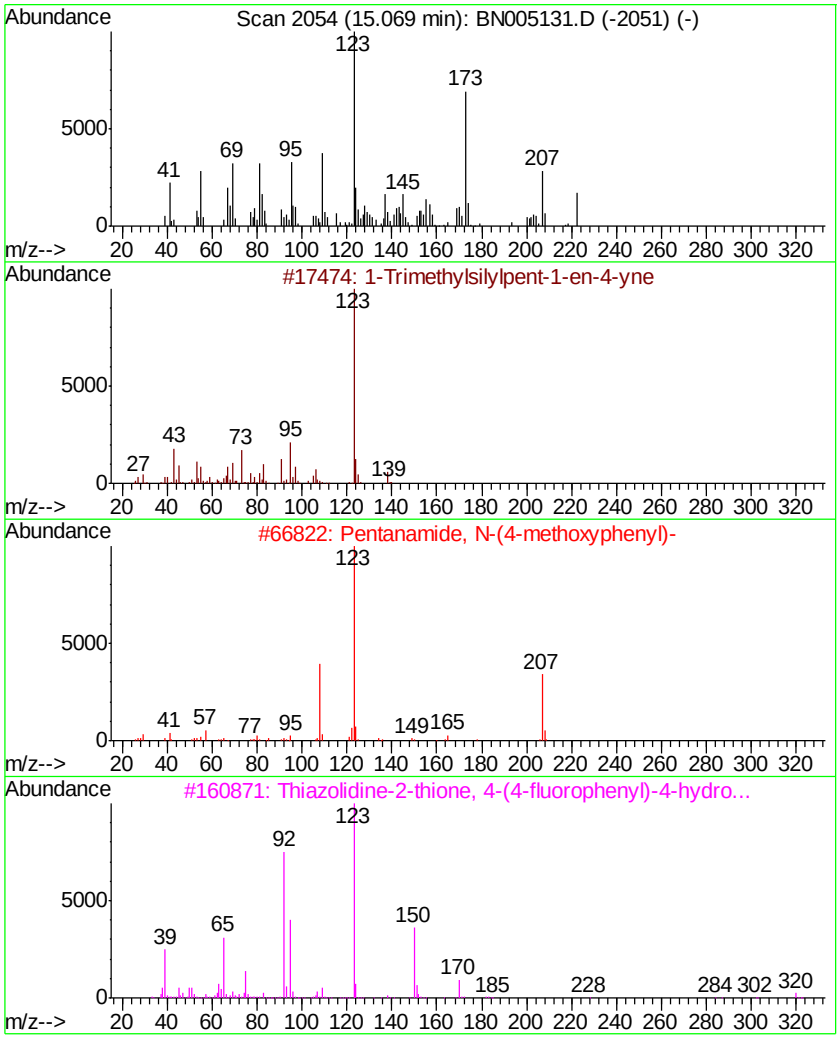
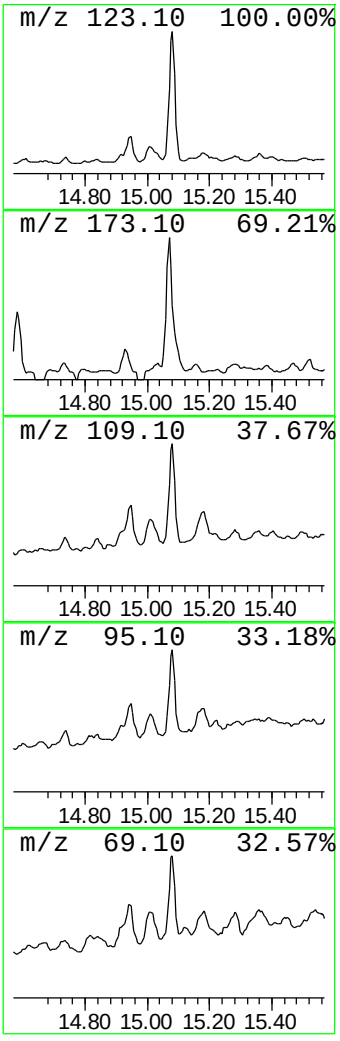
Peak Number 17 unknown15.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	31.55 ng	156277	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
3	Thiazolidine-2-thione, 4-(4-fluo...	320	C15H13FN2OS2	1000264-97-7	43
4	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	38
5	trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	38





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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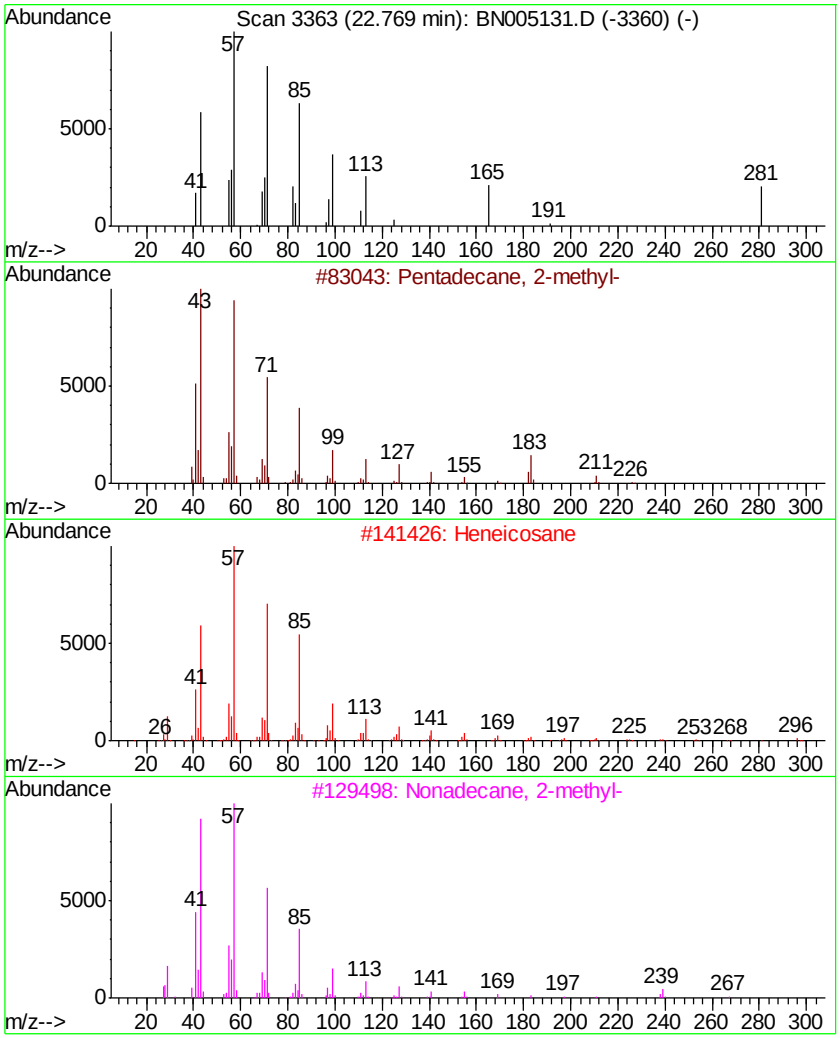
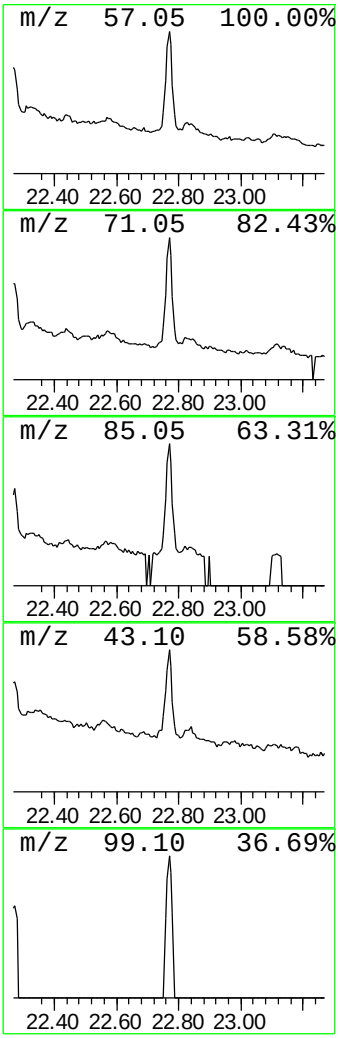
Peak Number 18 Pentadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	4.59 ng	17193	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	59
2	Heneicosane	296	C21H44	000629-94-7	53
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	53
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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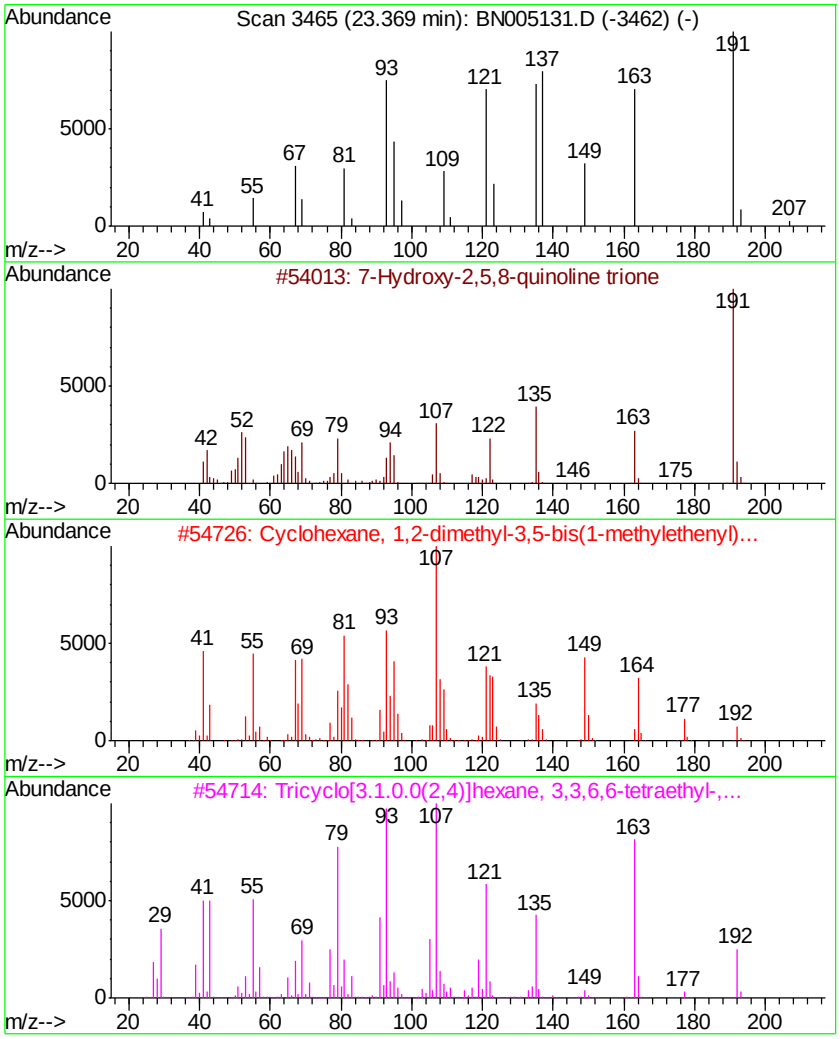
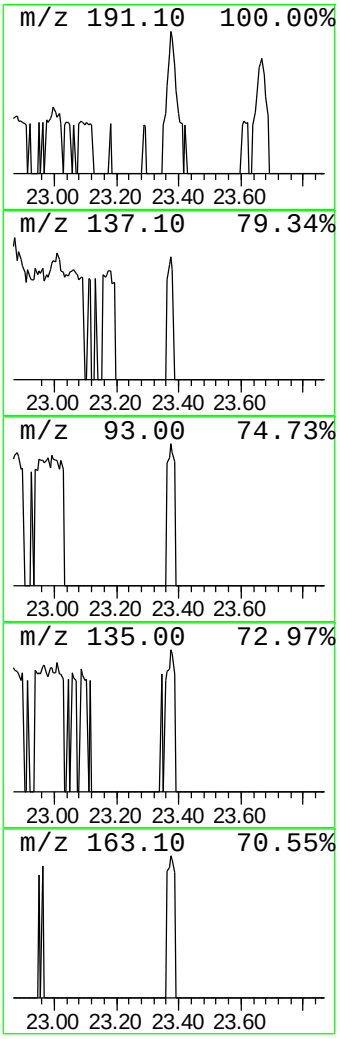
Peak Number 19 unknown23.37 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	3.45 ng	12923	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	43
2	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	14
3	Tricyclo[3.1.0.0(2,4)]hexane, 3,...	192	C14H24	1000150-14-4	14
4	1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	10
5	1,4-Methanophthalazine, 1,4,4a,5...	178	C11H18N2	109746-13-6	10





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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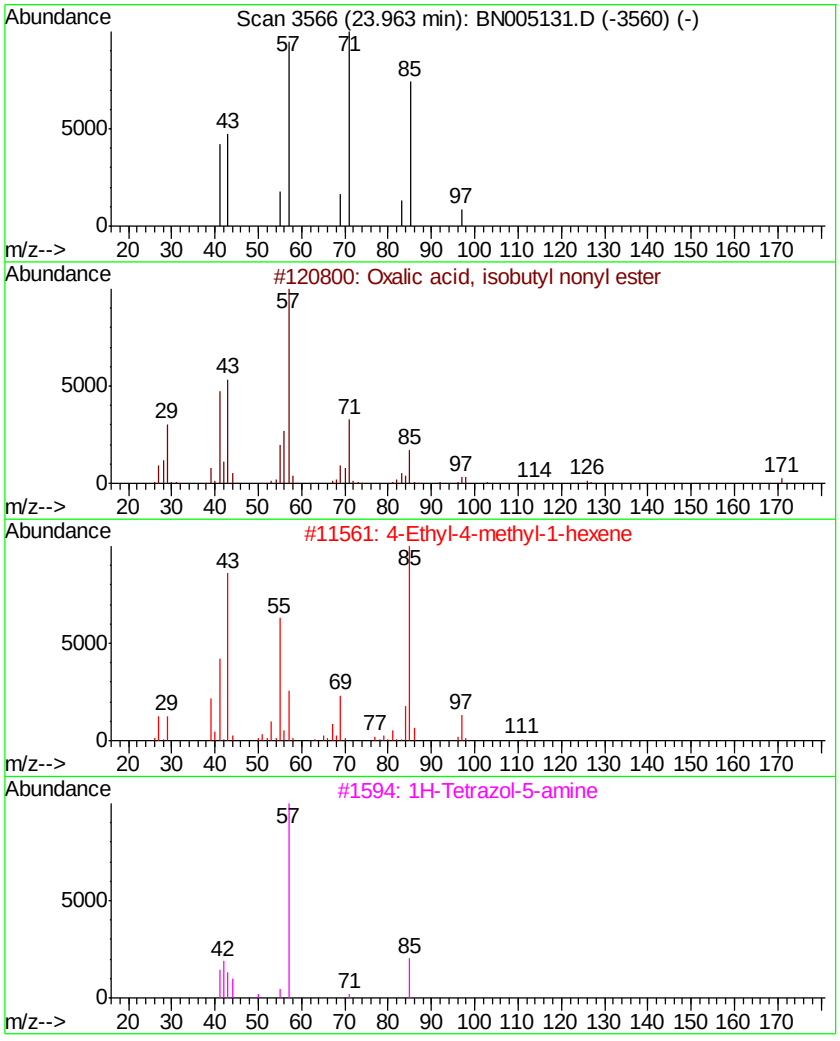
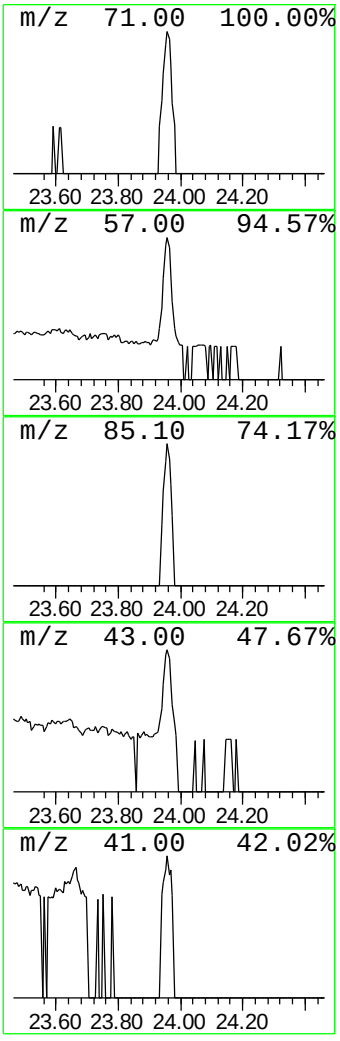
Peak Number 20 unknown23.96 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.67 ng	13767	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	9
2	4-Ethyl-4-methyl-1-hexene	126	C9H18	090674-67-2	9
3	1H-Tetrazol-5-amine	85	CH3N5	004418-61-5	4
4	Cyclobutanone, oxime	85	C4H7NO	002972-05-6	4
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041019\
Data File : BN005131.D
Acq On : 10 Apr 2019 17:06
Operator : JU/SJ
Sample : K2345-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.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
unknown7.19	7.19	135.8	ng	199155	1	7.65	29335	20.0
unknown12.16	12.16	4.5	ng	10042	2	10.43	45060	20.0
unknown12.71	12.71	4.3	ng	21344	3	14.30	99053	20.0
unknown13.05	13.05	10.8	ng	53417	3	14.30	99053	20.0
unknown13.70	13.70	13.6	ng	67547	3	14.30	99053	20.0
unknown13.82	13.82	10.2	ng	50326	3	14.30	99053	20.0
unknown13.93	13.93	4.3	ng	21544	3	14.30	99053	20.0
Decahydro-4,4,8,9...	14.02	19.7	ng	97441	3	14.30	99053	20.0
unknown14.07	14.07	5.7	ng	28297	3	14.30	99053	20.0
unknown14.12	14.12	31.3	ng	154899	3	14.30	99053	20.0
unknown14.19	14.19	11.8	ng	58404	3	14.30	99053	20.0
unknown14.25	14.25	14.6	ng	72325	3	14.30	99053	20.0
unknown14.82	14.82	19.2	ng	95210	3	14.30	99053	20.0
unknown14.92	14.92	7.3	ng	36334	3	14.30	99053	20.0
unknown15.01	15.01	15.9	ng	78571	3	14.30	99053	20.0
unknown15.07	15.07	31.6	ng	156277	3	14.30	99053	20.0
Pentadecane, 2-me...	22.77	4.6	ng	17193	6	23.49	74949	20.0
unknown23.37	23.37	3.5	ng	12923	6	23.49	74949	20.0
unknown23.96	23.96	3.7	ng	13767	6	23.49	74949	20.0