LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	4.545	499	503	517	rBV	24214	73429	4.44%	0.512%
2	5.245	619	622	654	rBV	274023	766759	46.41%	5.344%
3	6.910	902	905	918	rBV	313807	711941	43.09%	4.962%
4	7.010	918	922	936	rVB	536541	996493	60.31%	6.945%
5	7.351	976	980	994	rBV	261903	356360	21.57%	2.484%
6	7.586	1016	1020	1043	rVB	506144	724080	43.82%	5.046%
7	8.269	1133	1136	1153	rBV	255528	482856	29.22%	3.365%
8	9.380	1316	1325	1328	rBV	422407	519975	31.47%	3.624%
9	9.416	1328	1331	1339	rVV	246640	410378	24.84%	2.860%
10	9.480	1339	1342	1349	rVB4	35161	59210	3.58%	0.413%
11	9.604	1360	1363	1369	rVB3	20969	28659	1.73%	0.200%
12	9.863	1404	1407	1413	rVB3	33172	51565	3.12%	0.359%
13	10.016	1427	1433	1435	rBV4	26105	45506	2.75%	0.317%
14	10.045	1435	1438	1445	rVV	93699	135225	8.18%	0.942%
15	10.122	1445	1451	1456	rVV8	28126	51603	3.12%	0.360%
16	10.175	1456	1460	1465	rBV2	65574	120767	7.31%	0.842%
17	10.227	1465	1469	1475	rVB3	49284	85267	5.16%	0.594%
18	10.333	1476	1487	1489	rBV	146026	227815	13.79%	1.588%
19	10.357	1489	1491	1494	rVB	48408	45342	2.74%	0.316%
20	10.469	1504	1510	1514	rBV4	59501	111424	6.74%	0.777%
21	10.545	1518	1523	1530	rBV	1332769	1652224	100.00%	11.515%
22	10.627	1534	1537	1542	rVB5	35267	52310	3.17%	0.365%
23	10.698	1544	1549	1555	rBV	685084	933536	56.50%	6.506%
24	10.751	1555	1558	1563	rVV6	54016	96472	5.84%	0.672%
25	10.792	1563	1565	1568	rVB4	26905	31627	1.91%	0.220%
26	10.927	1585	1588	1591	rBV3	56563	78235	4.74%	0.545%
27	10.974	1593	1596	1599	rVB5	72109	91852	5.56%	0.640%
28	11.110	1615	1619	1620	rBV3	42192	56730	3.43%	0.395%
29	11.163	1624	1628	1633	rVV	864843	1020144	61.74%	7.110%
30	11.251	1639	1643	1646	rBV4	76430	88184	5.34%	0.615%
31	11.322	1652	1655	1658	rBV2	59836	65129	3.94%	0.454%
32	11.392	1665	1667	1671	rVB	106600	113219	6.85%	0.789%
33	11.457	1675	1678	1685	rBV2	125821	244392	14.79%	1.703%
34	11.580	1693	1699	1706	rBV2	193720	469541	28.42%	3.272%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.686	1713	1717	1721	rBV	317845	432792	26.19%	3.016%
36	11.733	1721	1725	1729	rVB2	253837	370739	22.44%	2.584%
37	11.869	1745	1748	1751	rBV3	115493	140975	8.53%	0.983%
38	11.992	1766	1769	1775	rBV3	132317	246971	14.95%	1.721%
39	12.069	1777	1782	1789	rBV4	307983	571005	34.56%	3.980%
40	12.174	1797	1800	1802	rBV2	119916	156762	9.49%	1.093%
41	12.210	1803	1806	1809	rBV2	340798	445416	26.96%	3.104%
42	18.333	2844	2847	2855	rVB	252694	324487	19.64%	2.261%
43	19.209	2993	2996	3000	rBV	252734	267345	16.18%	1.863%
44	19.992	3126	3129	3139	rVB	268859	393662	23.83%	2.744%

Sum of corrected areas: 14348403

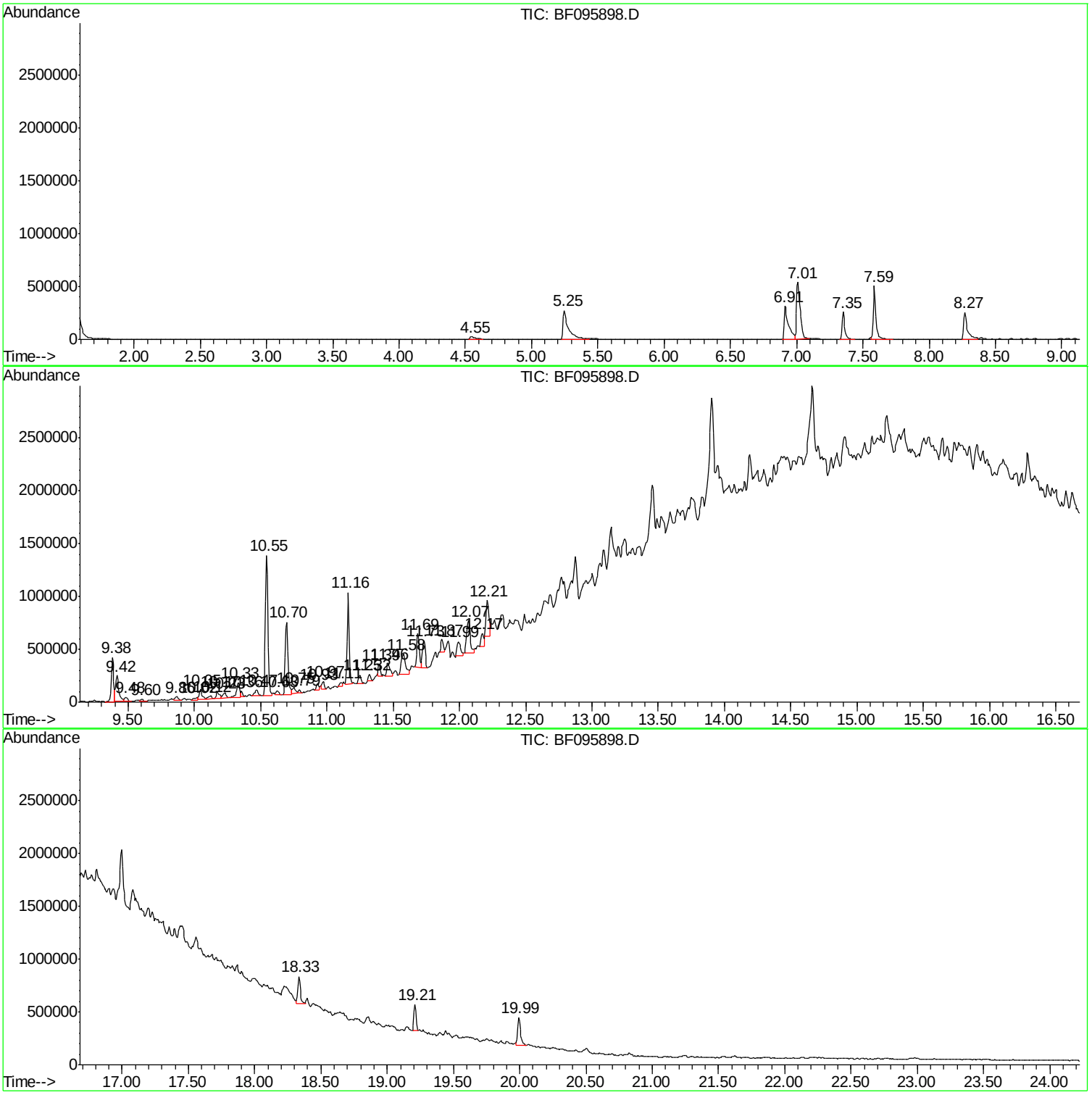
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

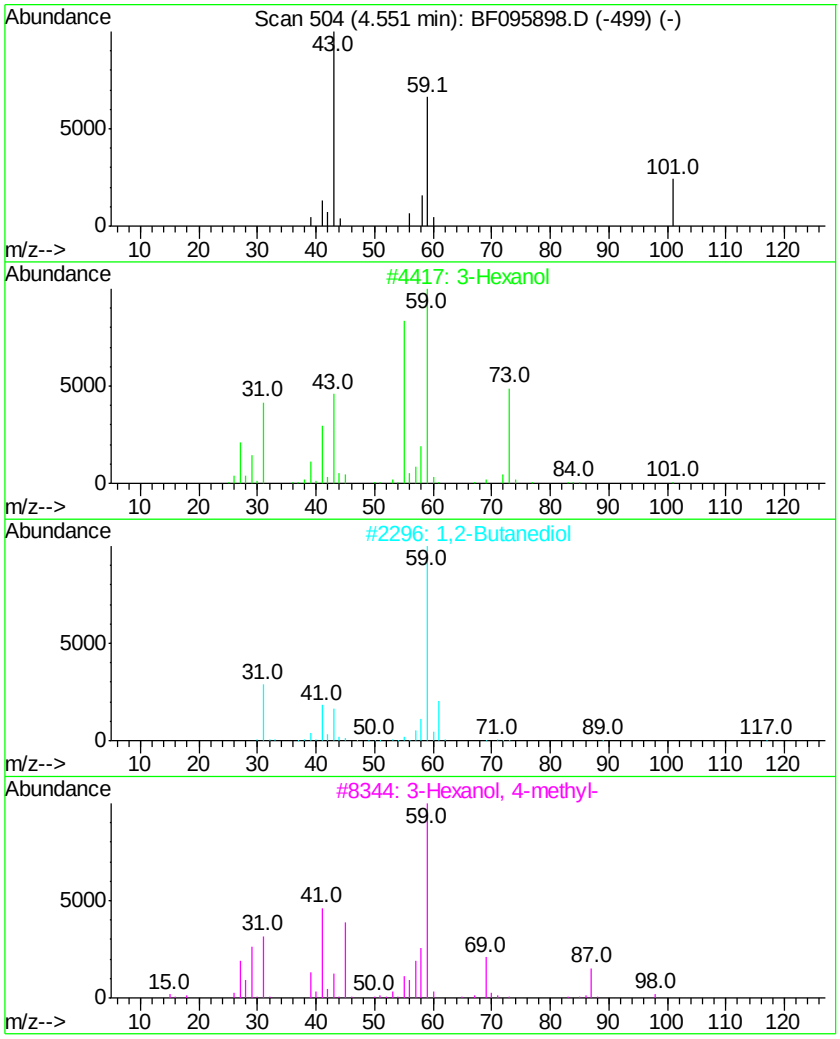
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

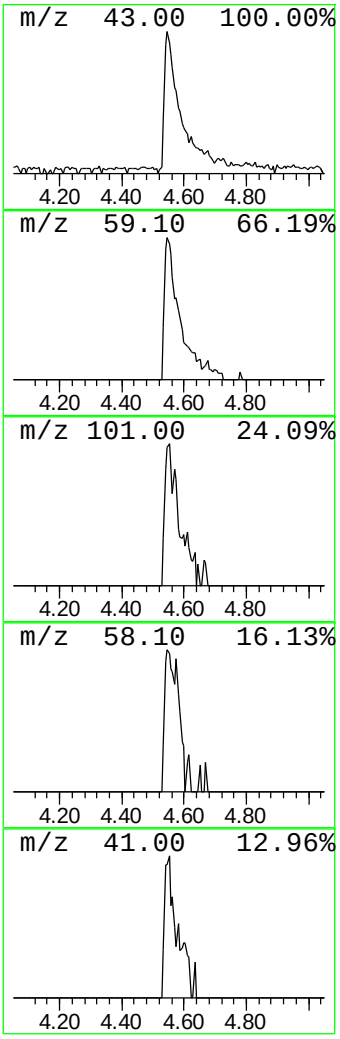
****

Peak Number 1 unknown4.55 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	4.12 ng	73429	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	33
2	1,2-Butanediol	90	C4H10O2	000584-03-2	9
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4	3-Octanol	130	C8H18O	000589-98-0	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

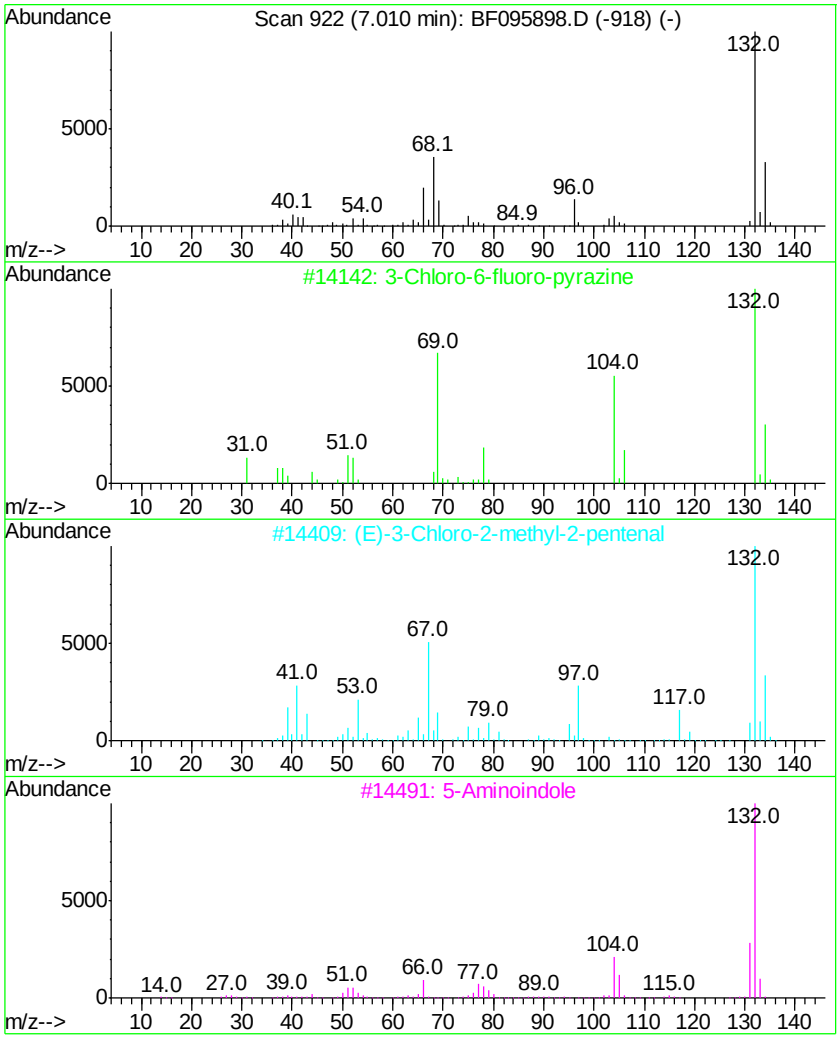
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

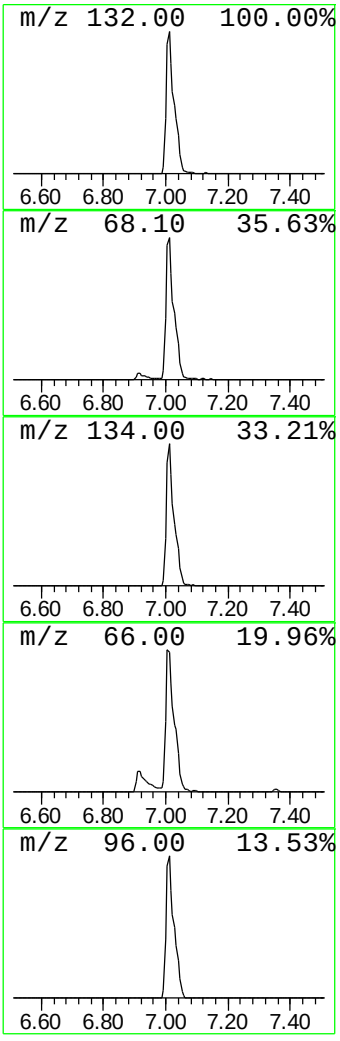
****

Peak Number 2 unknown7.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	55.93 ng	996493	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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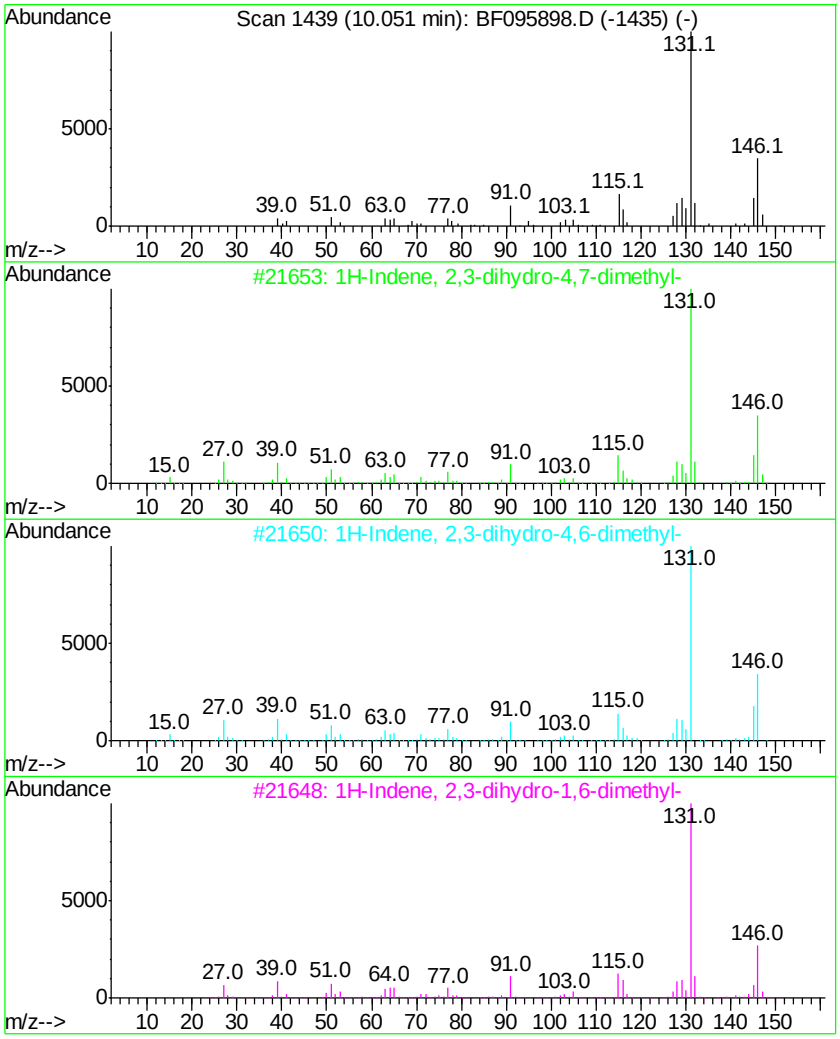
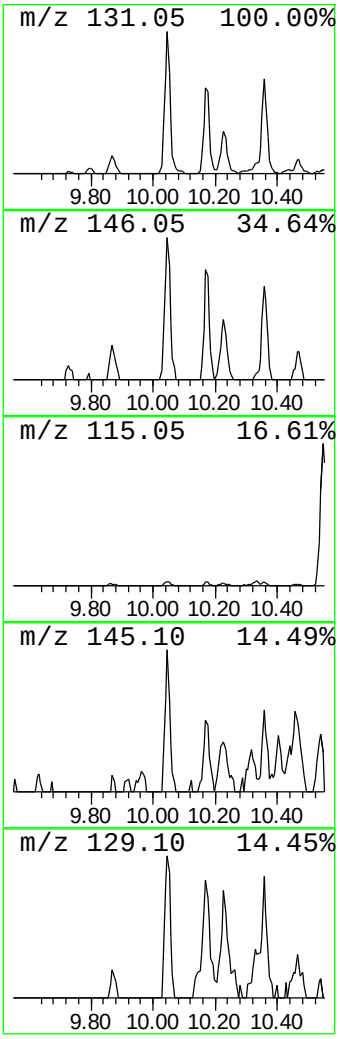
Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	5.20 ng	135225	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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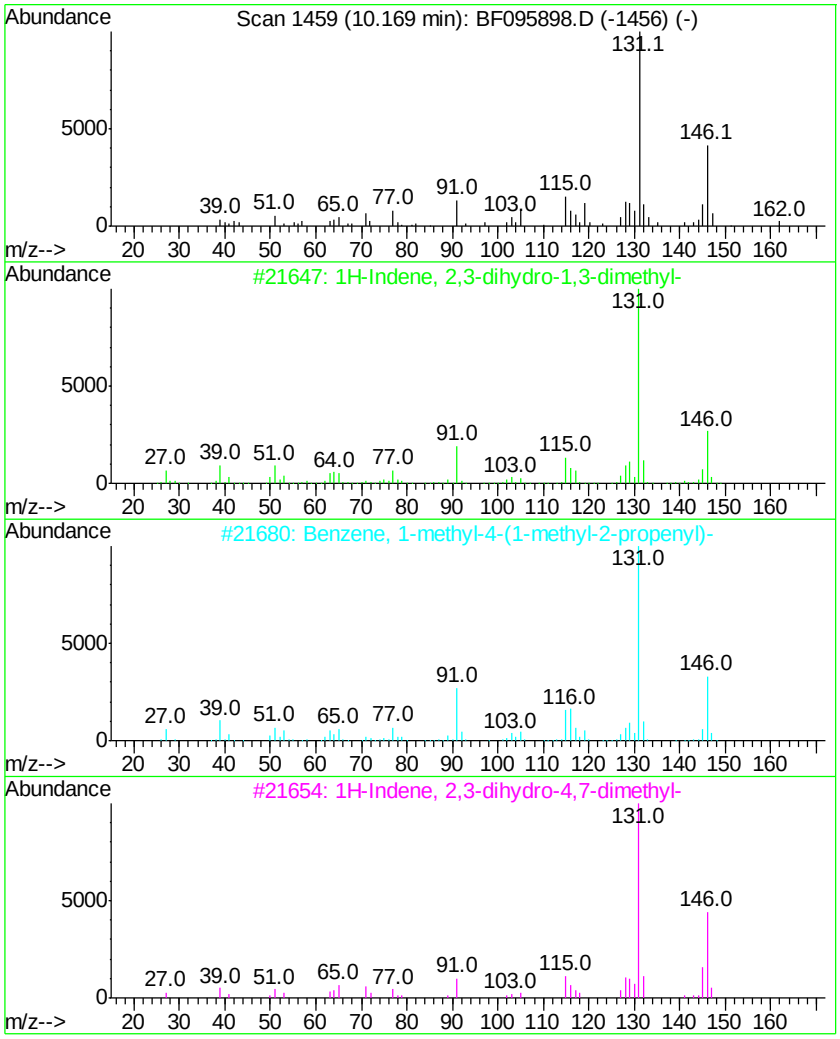
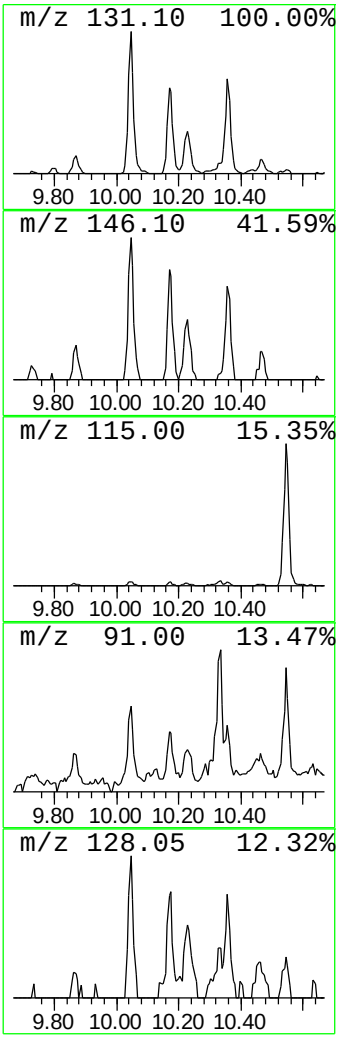
Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.65 ng	120767	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

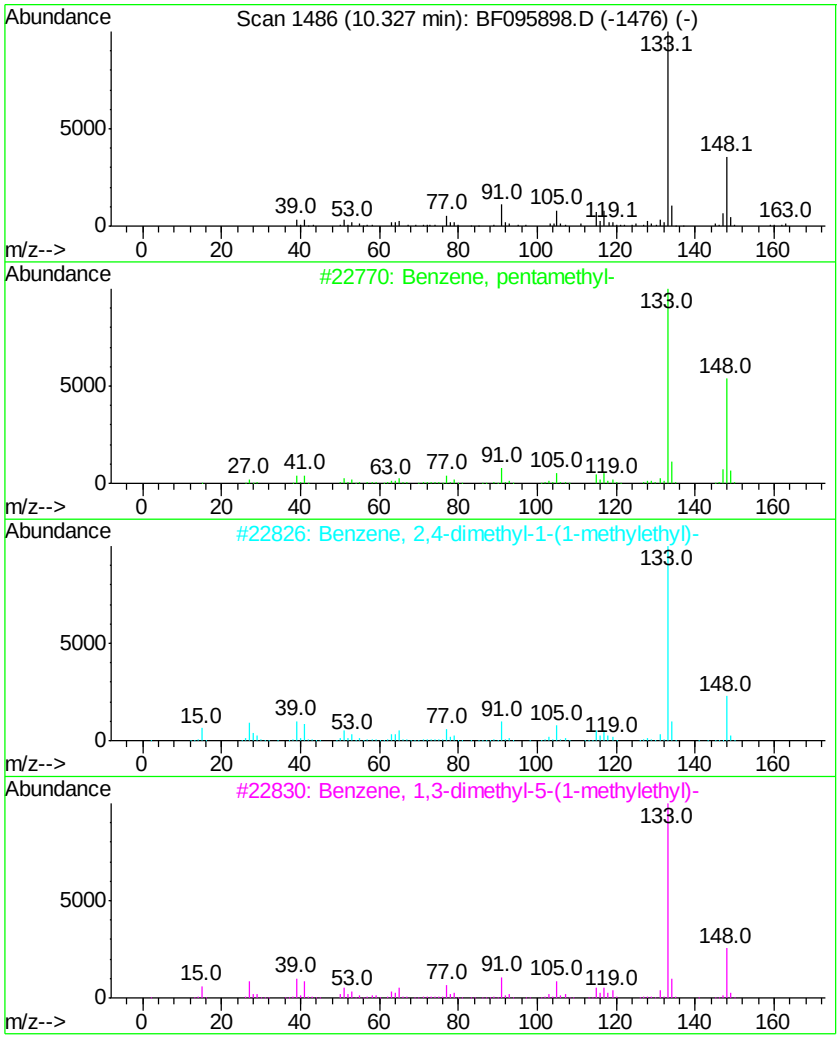
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

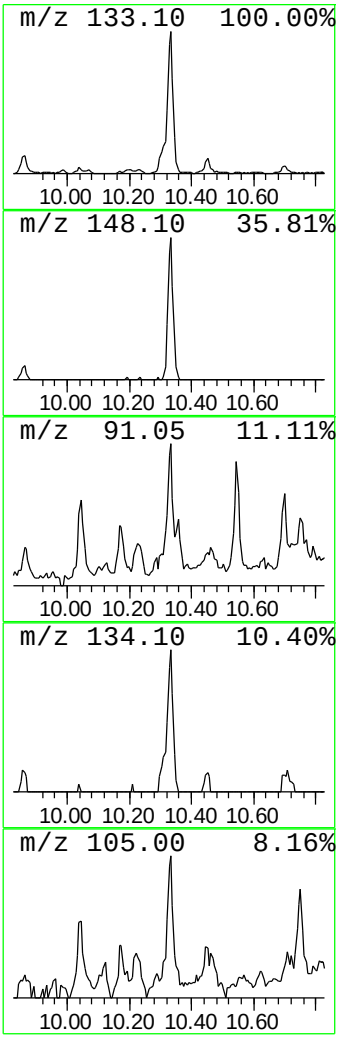
****

Peak Number 6 Benzene, pentamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	8.76 ng	227815	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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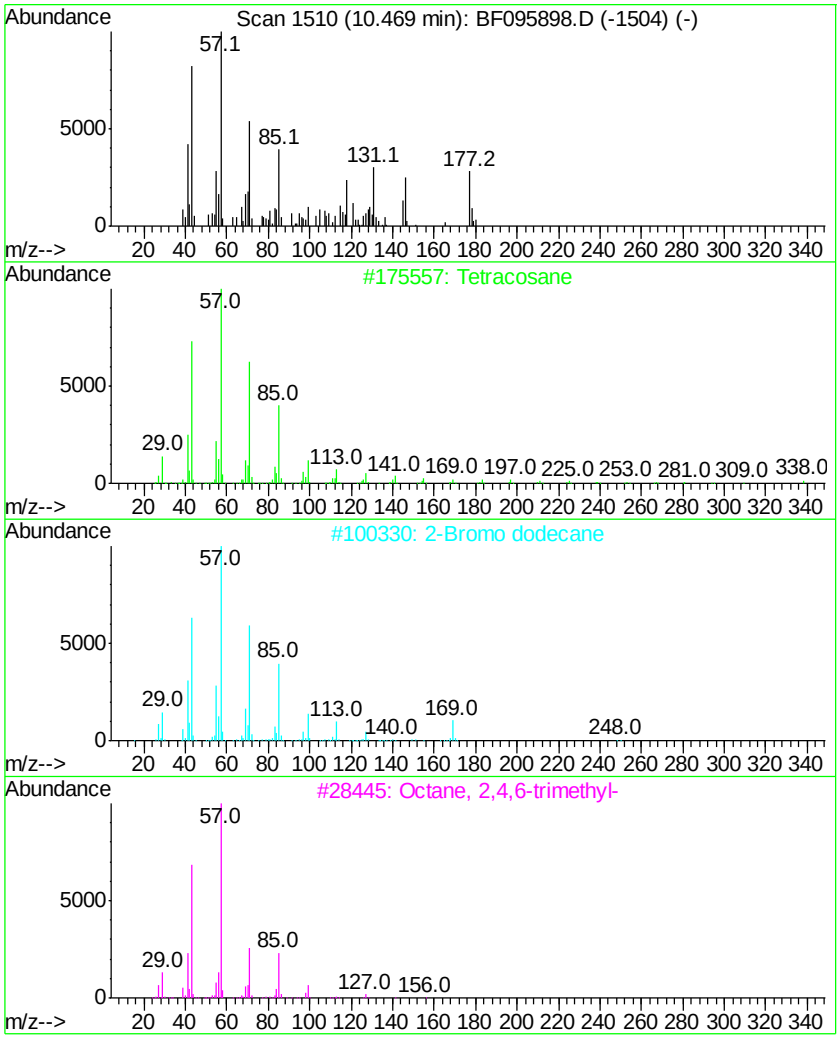
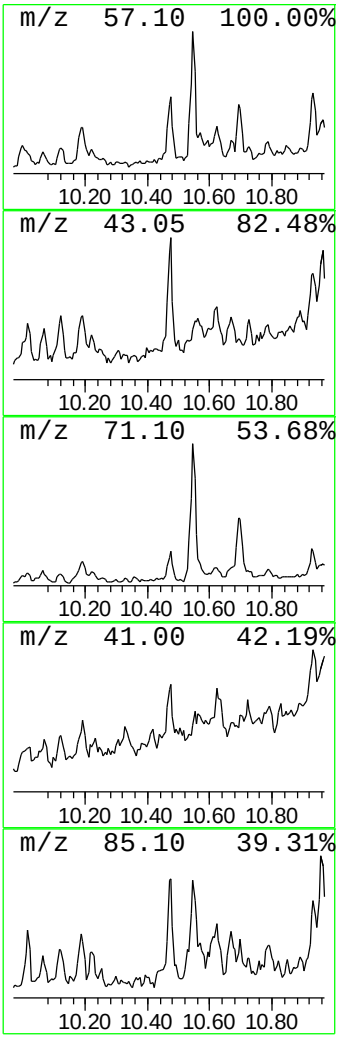
Peak Number 7 unknown10.47 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.29 ng	111424	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	30
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	30
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	30
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	30
5	Heneicosane	296	C21H44	000629-94-7	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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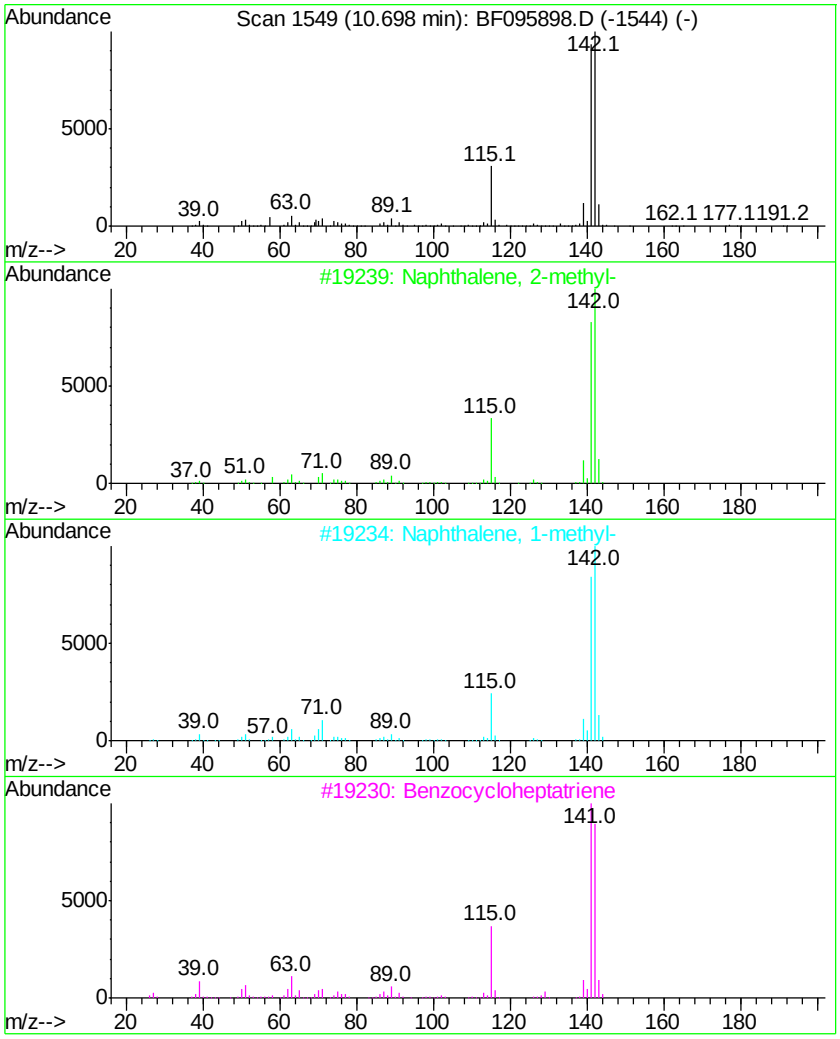
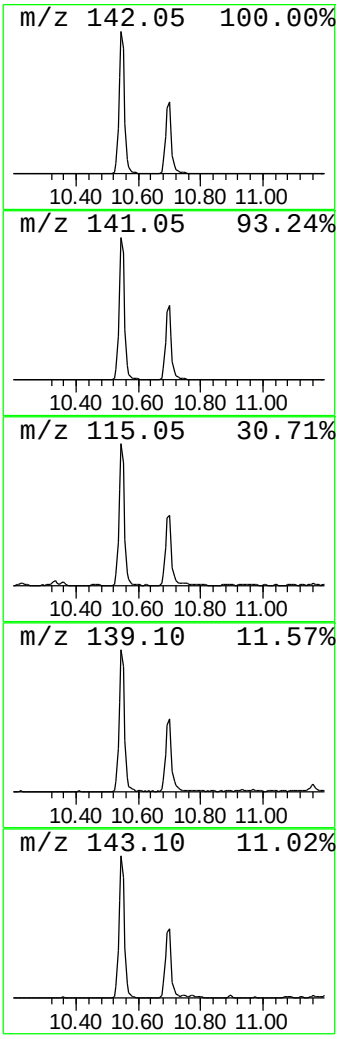
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	35.91 ng	933536	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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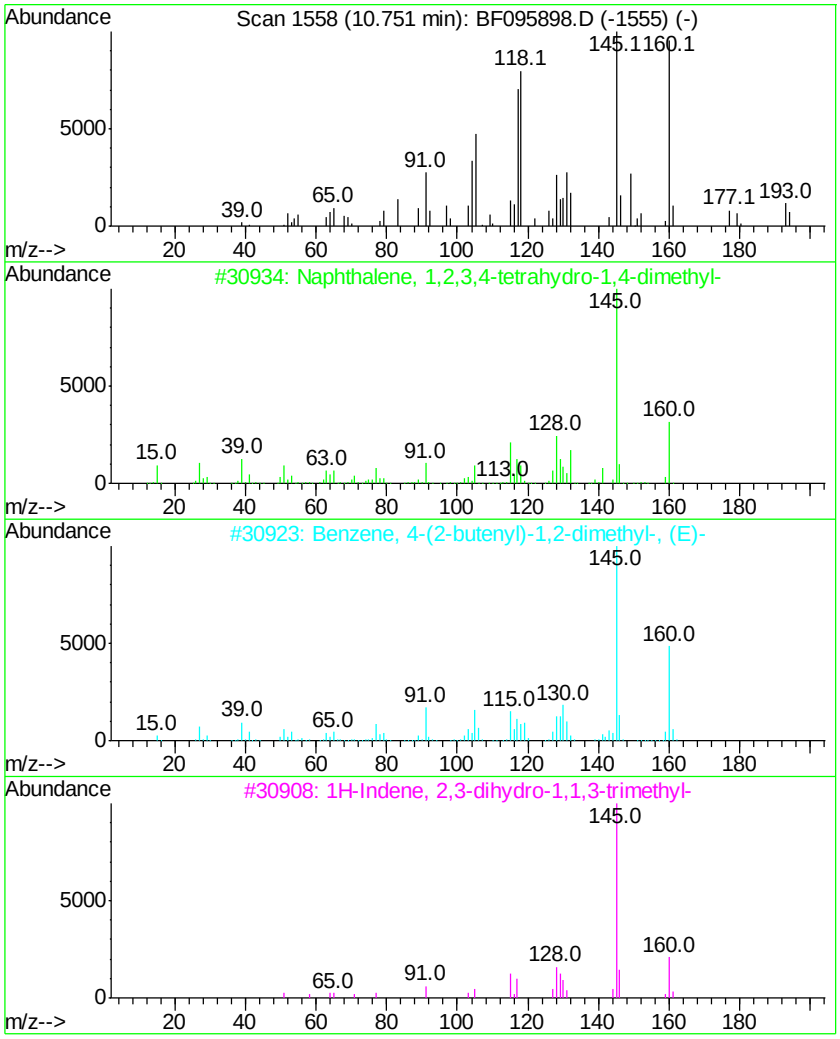
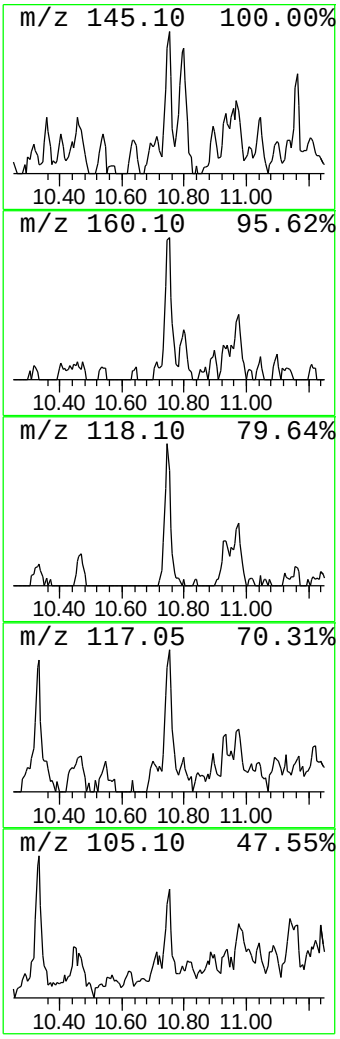
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.71 ng	96472	Naphthalene-d8	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
5	2-Chloro-6-fluorophenol, methyl ...	160	C7H6ClFO	1000352-53-9	46





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Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

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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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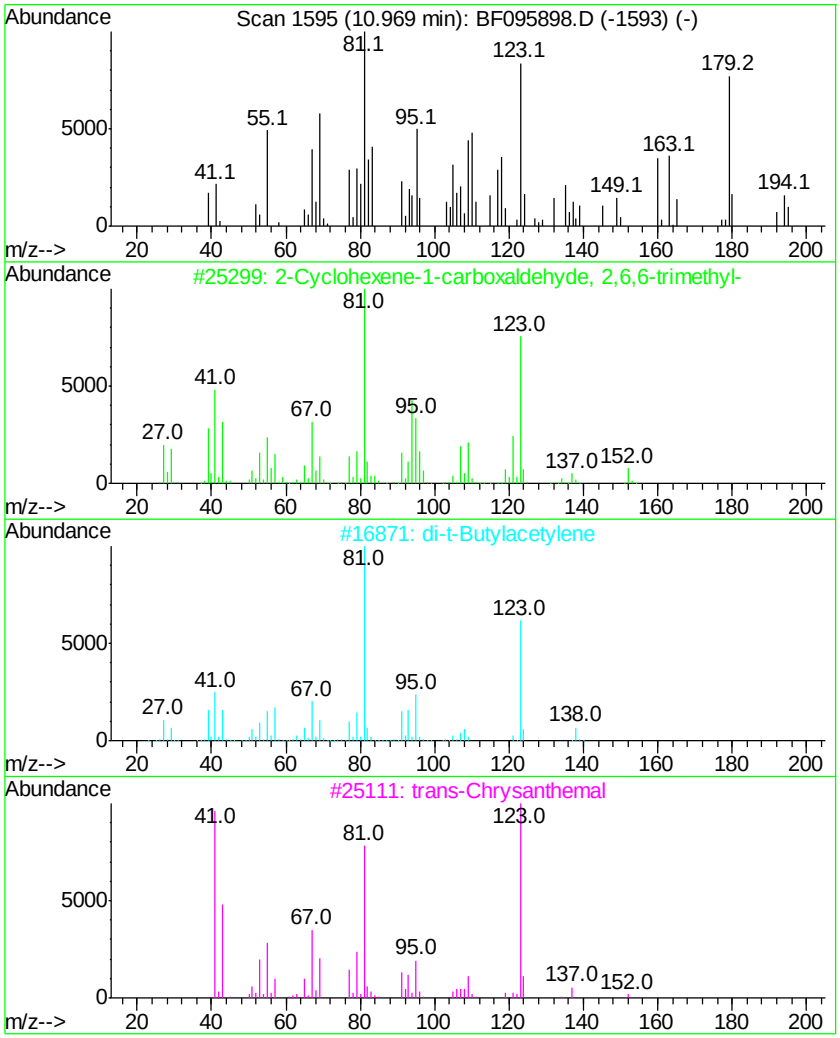
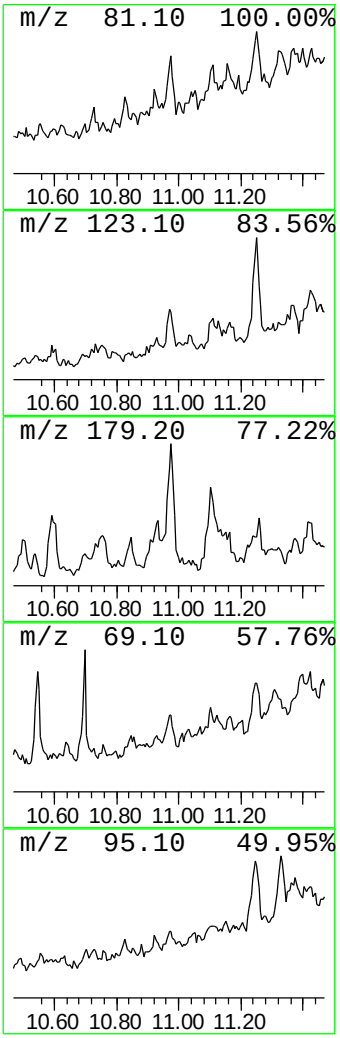
Peak Number 10 unknown10.97 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.12 ng	91852	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	35
2	di-t-Butylacetylene	138	C10H18	017530-24-4	14
3	trans-Chrysanthemal	152	C10H16O	020104-05-6	14
4	Carbamic acid, 3-methylphenyl-, ...	179	C10H13NO2	1000314-75-7	11
5	Acetophenone, 2',4'-dimethoxy-3'...	194	C11H14O3	060512-80-3	10





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Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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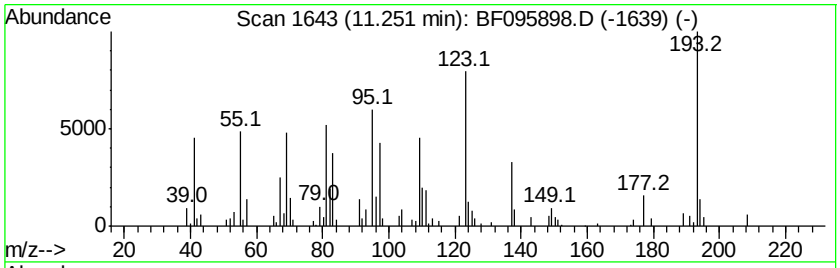
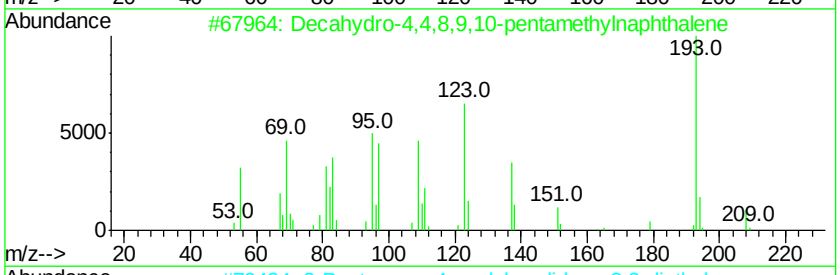
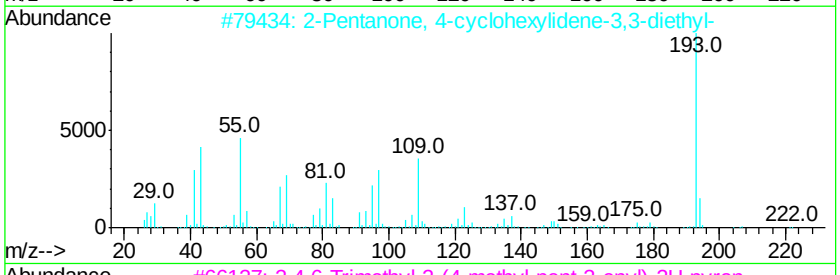
Peak Number 11 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

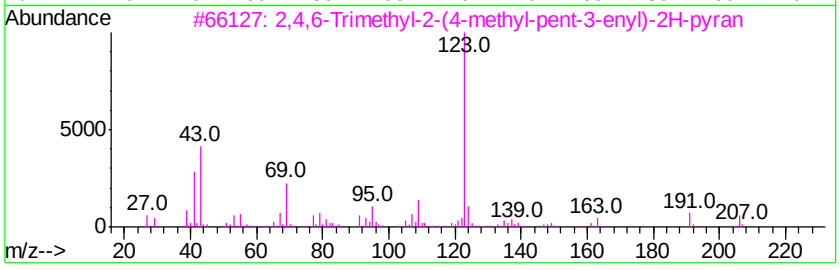
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.96 ng	88184	Acenaphthene-d10	12.21

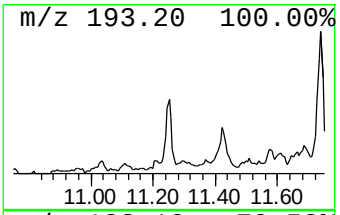
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	35
4	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	22
5	di-t-Butylacetylene	138	C10H18	017530-24-4	15

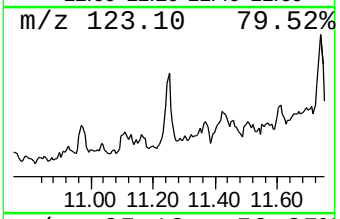


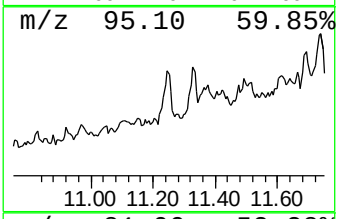


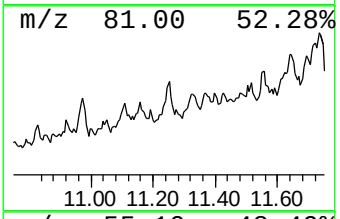


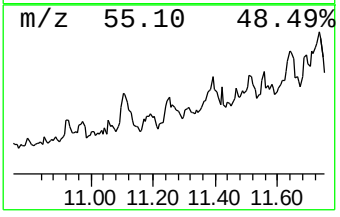












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Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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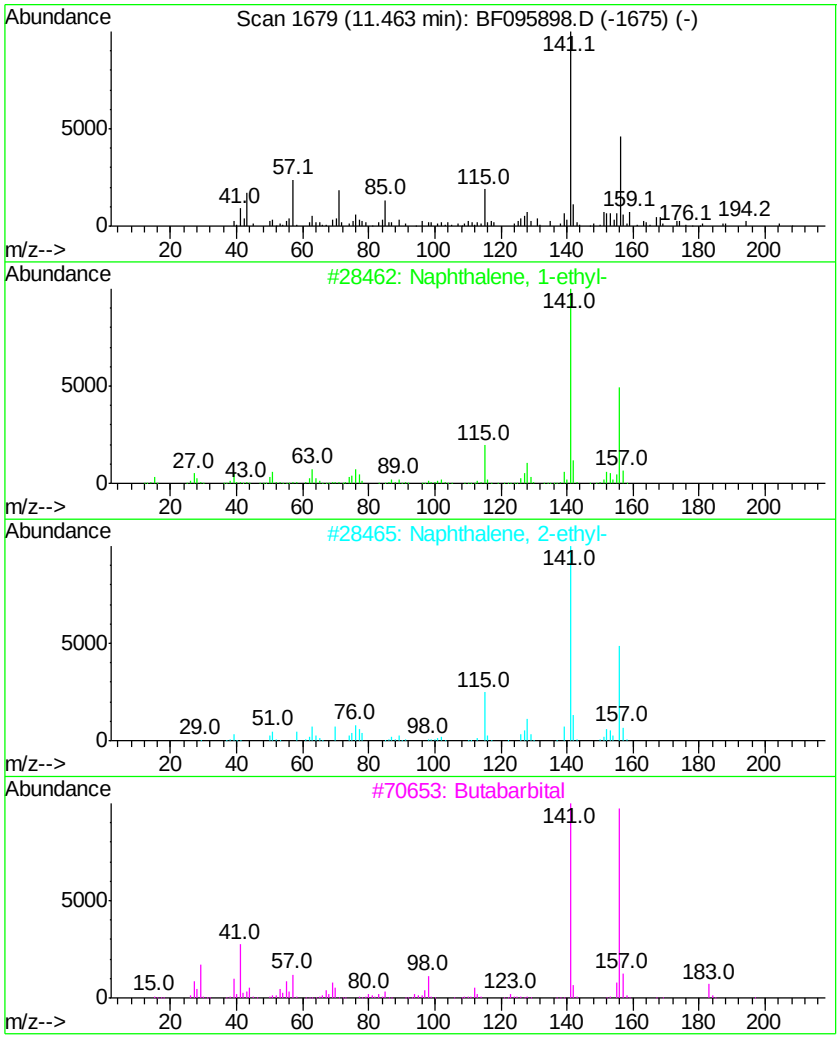
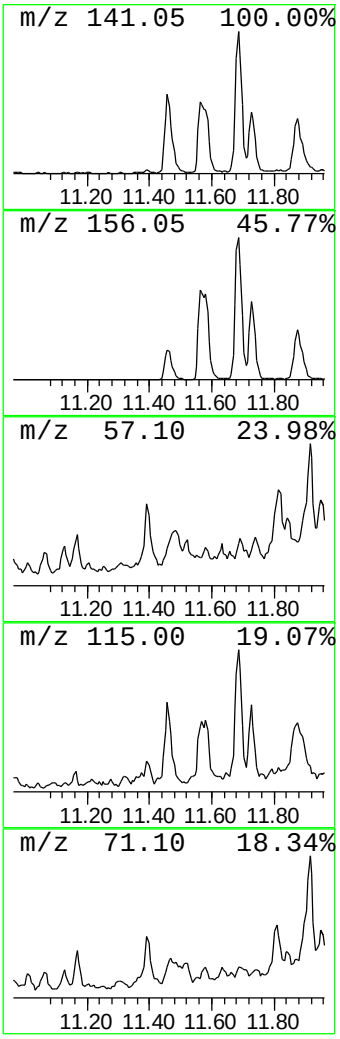
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	10.97 ng	244392	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Butabarbital	212	C10H16N2O3	000125-40-6	59
4	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	53
5	Butethal	212	C10H16N2O3	000077-28-1	53





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Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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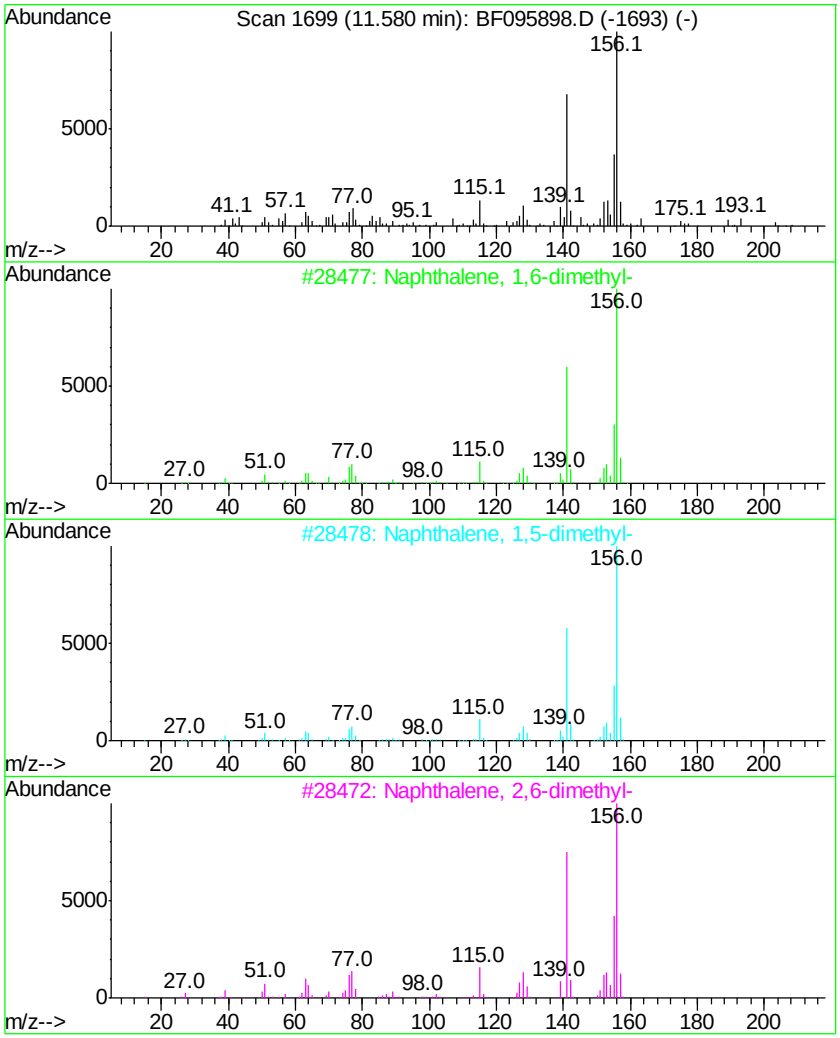
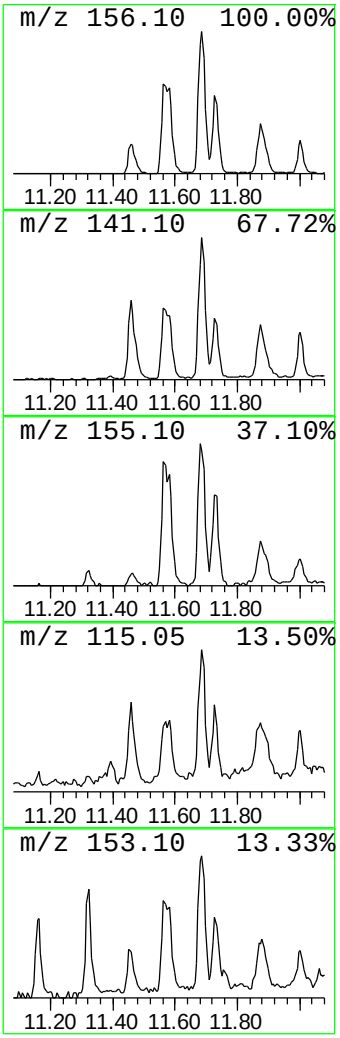
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	21.08 ng	469541	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : I3640-01
Misc :
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Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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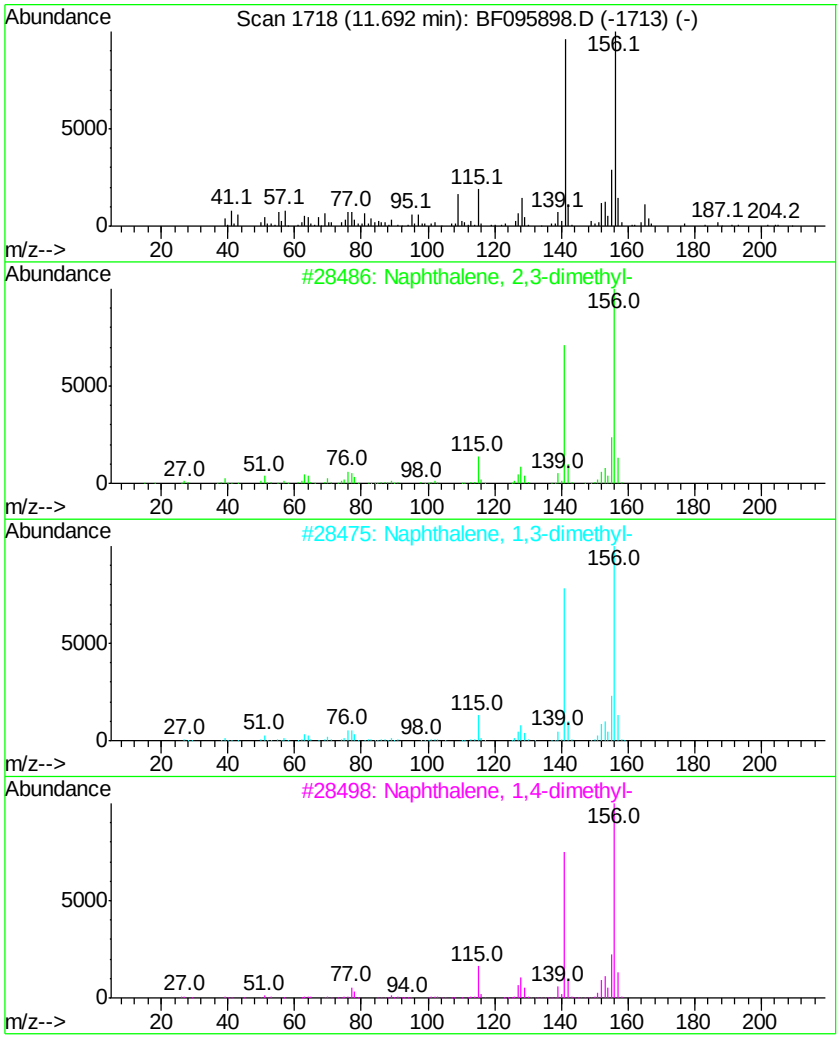
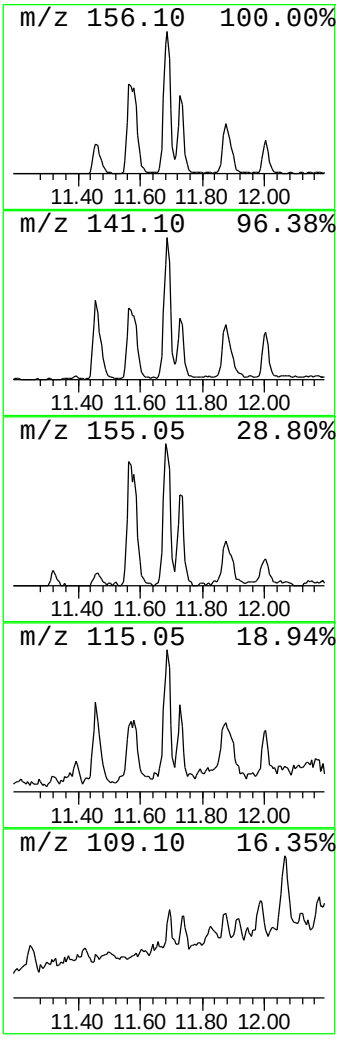
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	19.43 ng	432792	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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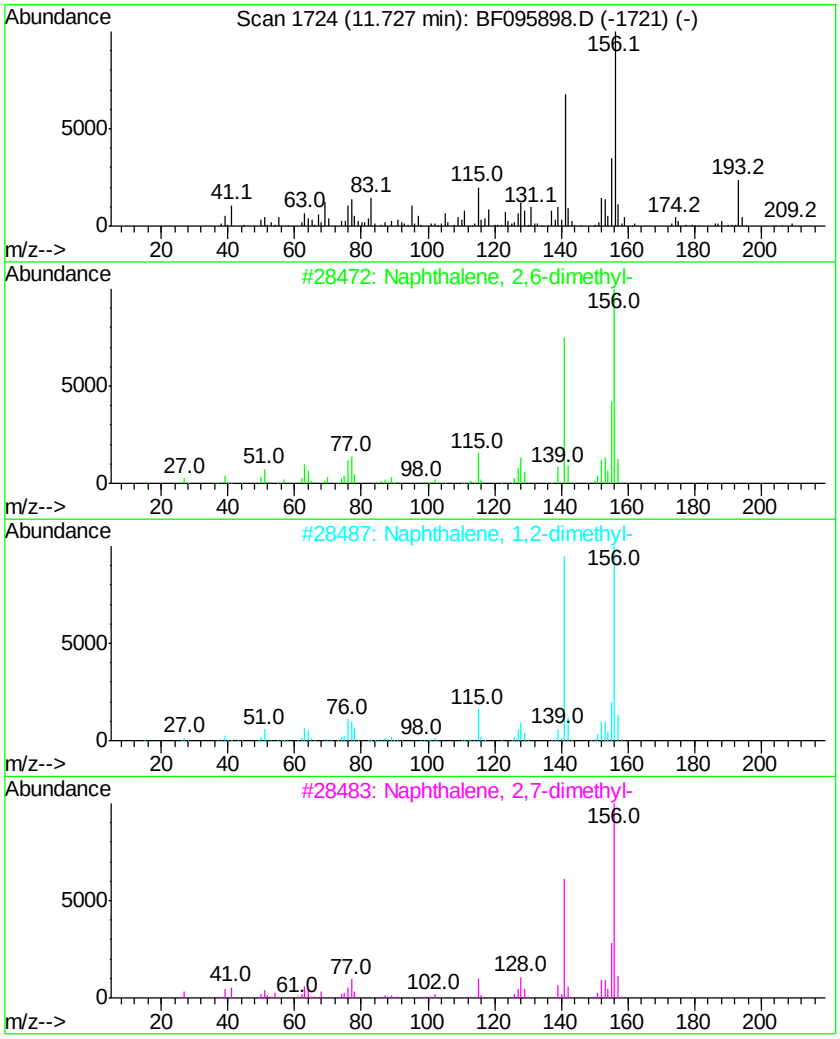
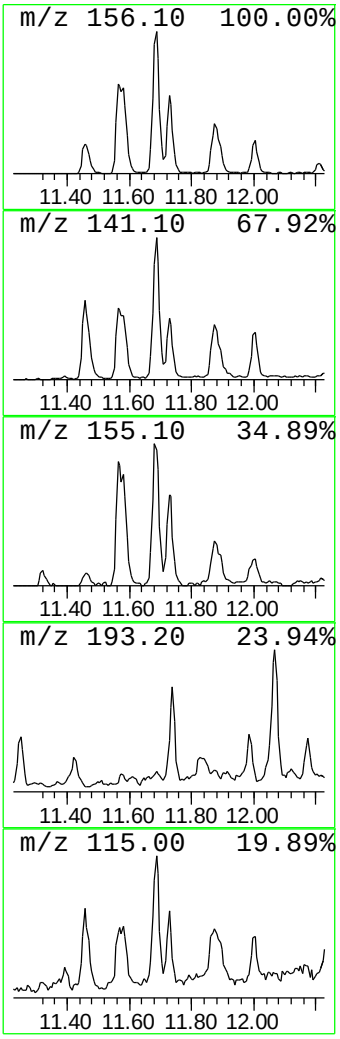
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	16.65 ng	370739	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90





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Misc :
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Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

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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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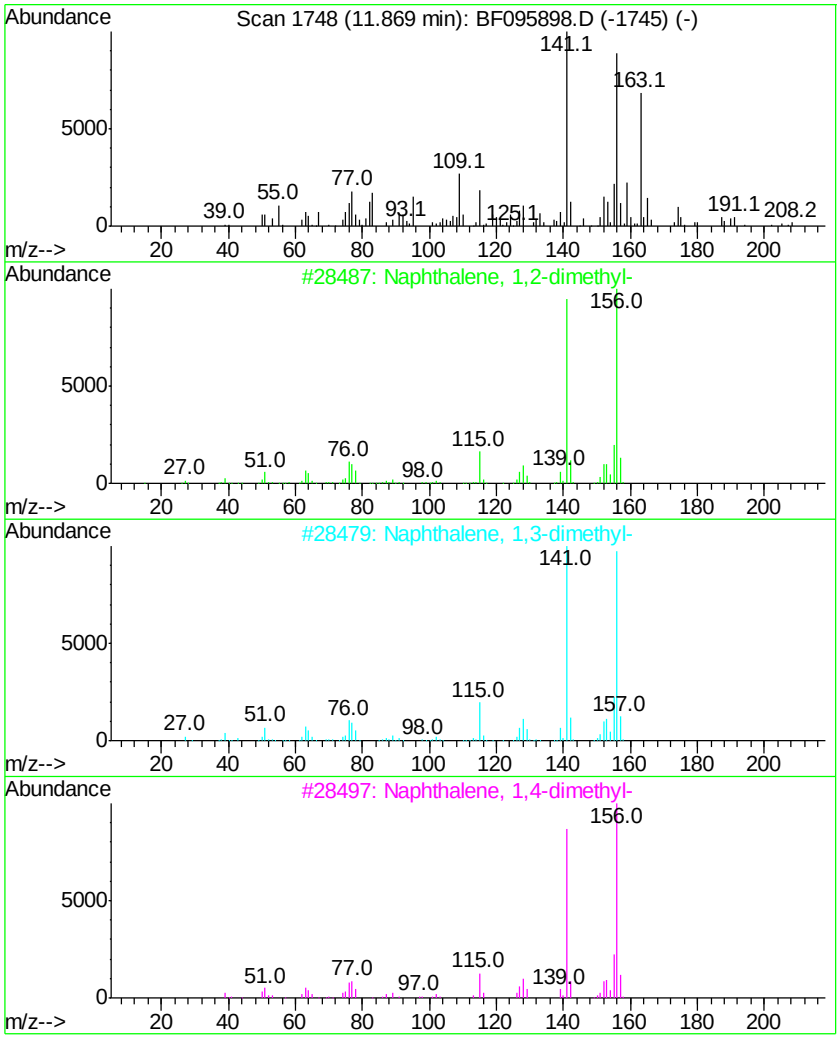
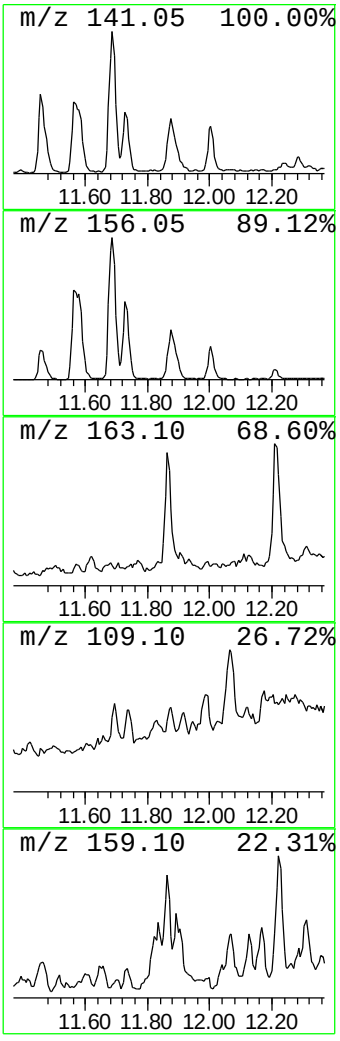
Peak Number 17 Naphthalene, 1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.33 ng	140975	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83





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Instrument : BNA_F
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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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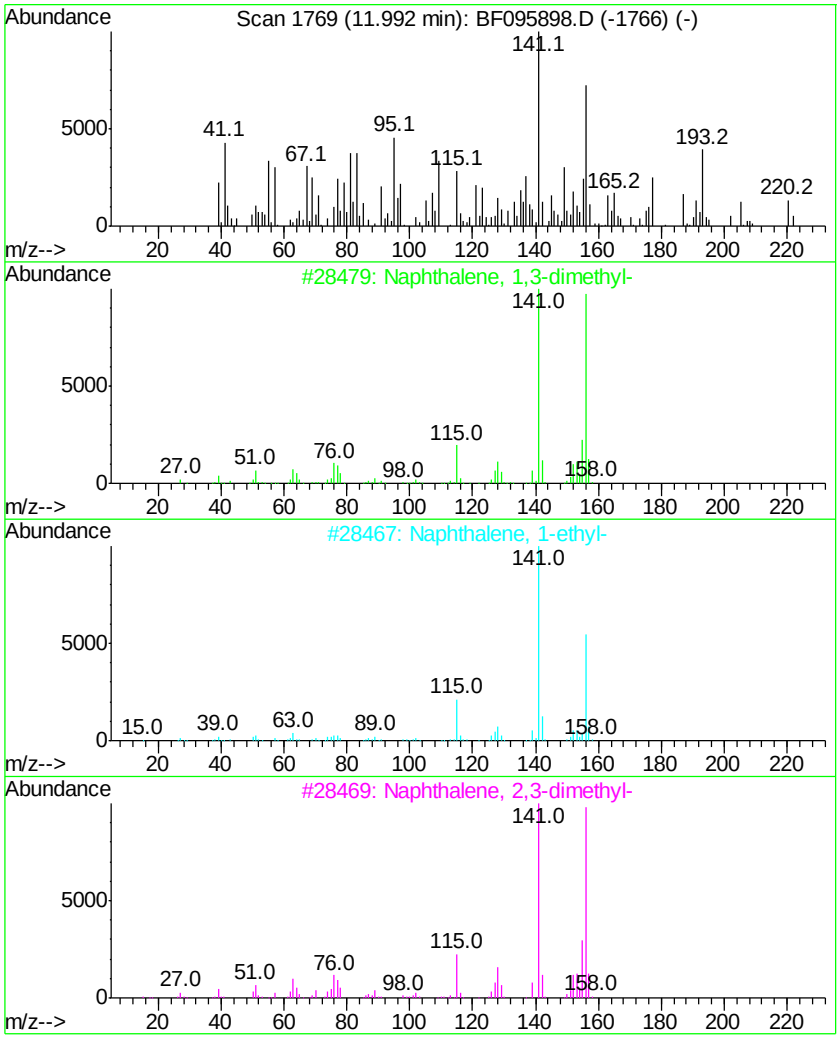
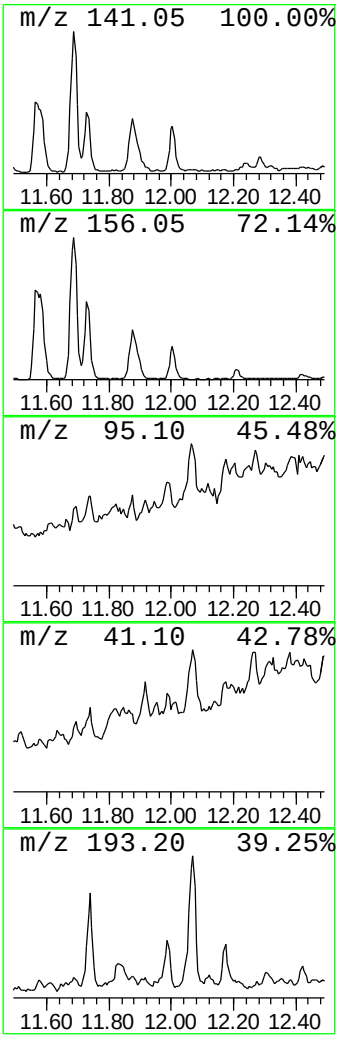
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	11.09 ng	246971	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	83
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	66
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	66
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64





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

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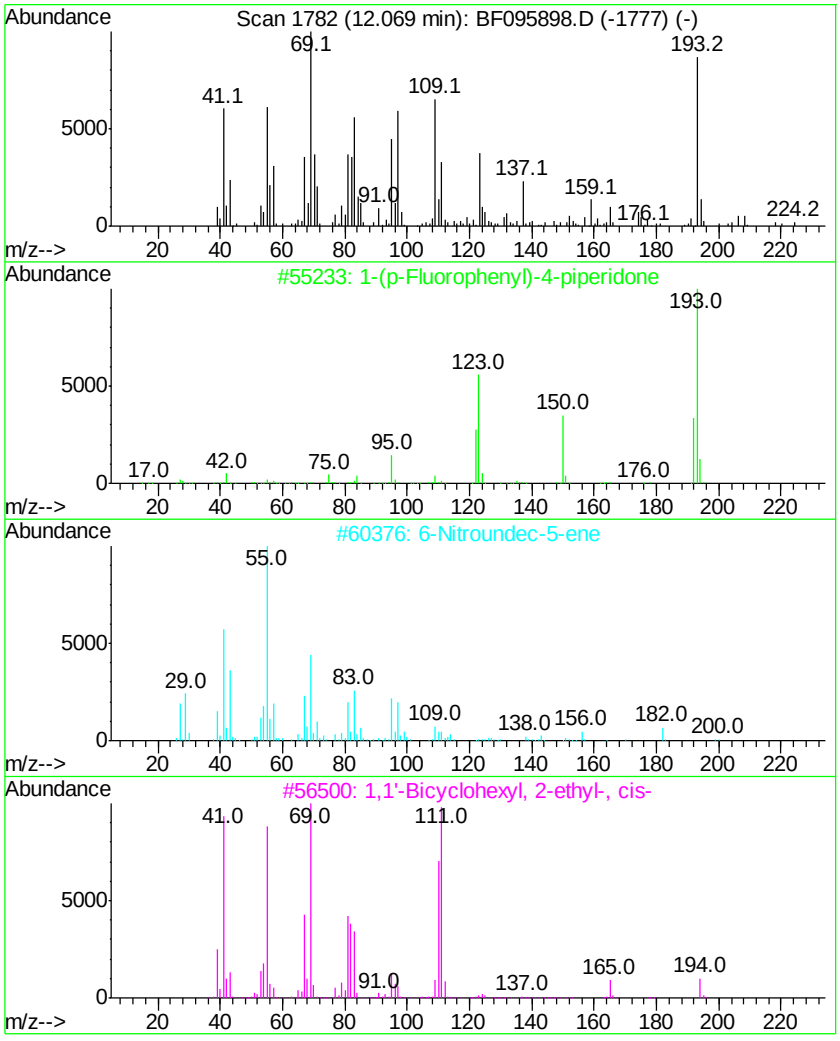
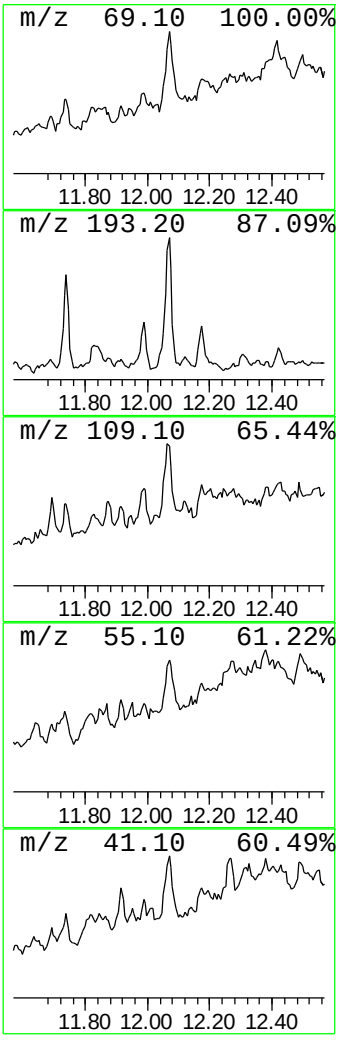
Peak Number 19 unknown12.07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	25.64 ng	571005	Acenaphthene-d10	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
2	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	22
3	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	18
4	1-Pentyne, 3-methyl-3-(1-methyle...	140	C9H16O	053966-55-5	14
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	14





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

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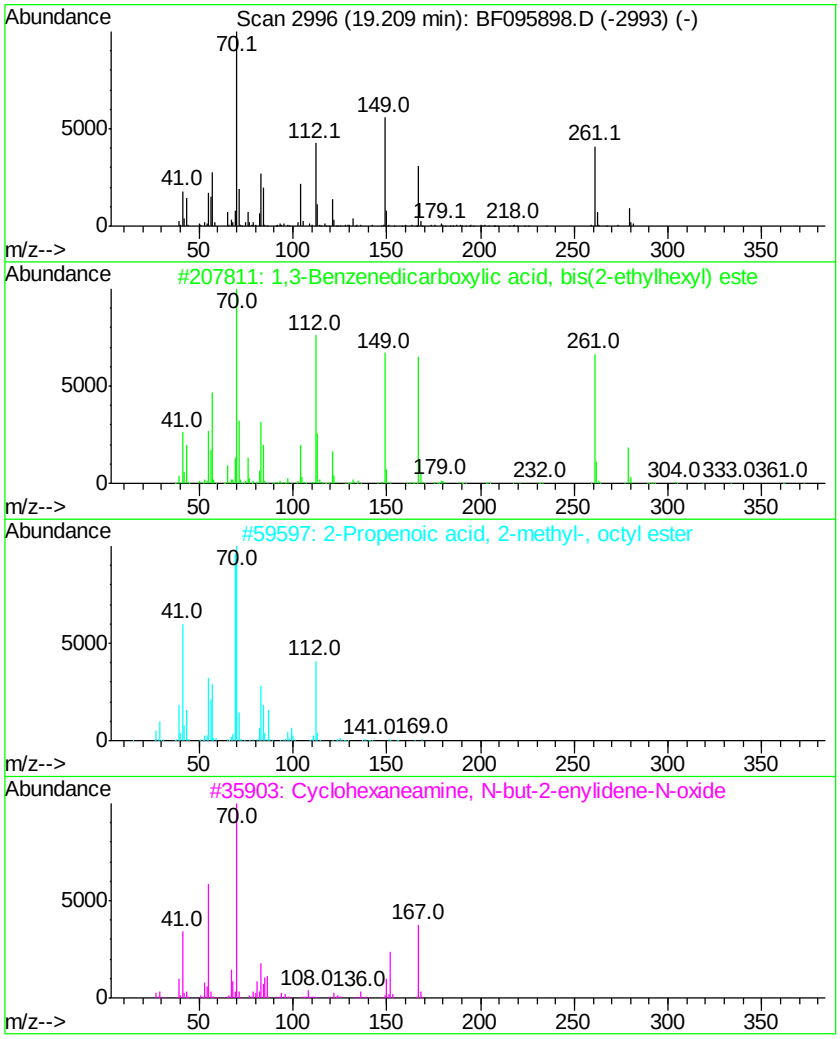
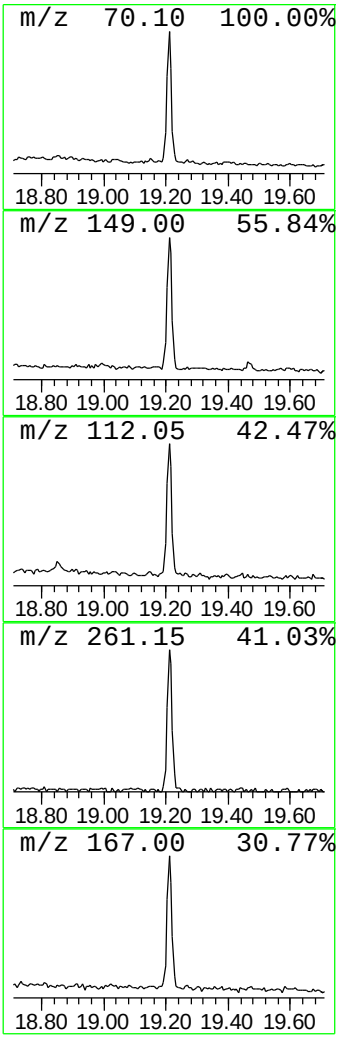
Peak Number 20 unknown19.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	13.58 ng	267345	Perylene-d12	19.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
2	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	23
3	Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	16
4	Undecane, 3-methylene-	168	C12H24	071138-64-2	14
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095898.D
Acq On : 13 Jun 2017 17:28
Operator : SJ/MA
Sample : I3640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NF-DRUMS-STONE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
unknown4.55	4.55	4.1	ng	73429	1	7.35	356360	20.0
unknown7.01	7.01	55.9	ng	996493	1	7.35	356360	20.0
1H-Indene, 2,3-di...	10.05	5.2	ng	135225	2	9.38	519975	20.0
1H-Indene, 2,3-di...	10.17	4.7	ng	120767	2	9.38	519975	20.0
Benzene, pentamet...	10.33	8.8	ng	227815	2	9.38	519975	20.0
unknown10.47	10.47	4.3	ng	111424	2	9.38	519975	20.0
Naphthalene, 1-me...	10.70	35.9	ng	933536	2	9.38	519975	20.0
Naphthalene, 1,2,...	10.75	3.7	ng	96472	2	9.38	519975	20.0
unknown10.97	10.97	4.1	ng	91852	3	12.21	445416	20.0
Decahydro-4,4,8,9...	11.25	4.0	ng	88184	3	12.21	445416	20.0
Naphthalene, 1-et...	11.46	11.0	ng	244392	3	12.21	445416	20.0
Naphthalene, 1,6-...	11.58	21.1	ng	469541	3	12.21	445416	20.0
Naphthalene, 2,3-...	11.69	19.4	ng	432792	3	12.21	445416	20.0
Naphthalene, 2,6-...	11.73	16.6	ng	370739	3	12.21	445416	20.0
Naphthalene, 1,2-...	11.87	6.3	ng	140975	3	12.21	445416	20.0
Naphthalene, 1,3-...	11.99	11.1	ng	246971	3	12.21	445416	20.0
unknown12.07	12.07	25.6	ng	571005	3	12.21	445416	20.0
unknown19.21	19.21	13.6	ng	267345	6	19.99	393662	20.0