LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

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-BF102317.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	2.387	47	51	68	rVB	52172	87777	2.64%	0.307%
2	3.887	303	306	322	rBV	137079	225685	6.79%	0.788%
3	4.445	397	401	410	rBV	331357	398283	11.99%	1.391%
4	5.016	495	498	510	rBV	139241	190060	5.72%	0.664%
5	5.428	565	568	583	rVB	1153821	1241968	37.38%	4.338%
6	5.598	592	597	601	rBV	68980	112054	3.37%	0.391%
7	6.222	699	703	709	rBV	31266	43279	1.30%	0.151%
8	6.445	737	741	746	rBV	778273	852368	25.65%	2.977%
9	6.575	751	763	767	rBV	2286843	2638479	79.40%	9.216%
10	6.645	773	775	777	rVB	375976	266233	8.01%	0.930%
11	6.804	798	802	809	rBV	659311	584296	17.58%	2.041%
12	6.863	809	812	818	rBV	214451	179318	5.40%	0.626%
13	6.957	824	828	839	rVB	2150430	2236342	67.30%	7.812%
14	7.128	854	857	864	rBV3	39369	56838	1.71%	0.199%
15	7.222	864	873	877	rBV2	159037	293542	8.83%	1.025%
16	7.281	881	883	887	rVB2	30121	40215	1.21%	0.140%
17	7.322	887	890	892	rBV	37990	33709	1.01%	0.118%
18	7.375	894	899	902	rVV	1621358	1674503	50.39%	5.849%
19	7.422	904	907	910	rBV	47971	42142	1.27%	0.147%
20	7.451	910	912	916	rBV	42376	41870	1.26%	0.146%
21	7.628	934	942	948	rBV5	25824	49954	1.50%	0.174%
22	7.880	973	985	990	rVV2	289719	721570	21.72%	2.521%
23	7.933	991	994	998	rVB2	30762	38713	1.17%	0.135%
24	8.086	1016	1020	1021	rVV	960916	843214	25.38%	2.945%
25	8.110	1021	1024	1027	rVV	2446217	2227857	67.05%	7.782%
26	8.157	1027	1032	1036	rVB	210031	189462	5.70%	0.662%
27	8.210	1038	1041	1044	rBV2	36042	36794	1.11%	0.129%
28	8.280	1051	1053	1059	rVB3	30499	35098	1.06%	0.123%
29	8.369	1063	1068	1073	rBV	30400	42639	1.28%	0.149%
30	8.451	1078	1082	1089	rVB2	97543	108929	3.28%	0.381%
31	8.798	1137	1141	1148	rBV	551118	482409	14.52%	1.685%
32	8.898	1154	1158	1162	rBV	288113	249272	7.50%	0.871%
33	8.969	1165	1170	1173	rBV4	30915	43036	1.30%	0.150%
34	9.016	1173	1178	1182	rVV	200838	246337	7.41%	0.860%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.086	1185	1190	1197	rBV6	26865	60869	1.83%	0.213%
36	9.163	1197	1203	1206	rBV	3159549	3322831	100.00%	11.607%
37	9.233	1211	1215	1218	rBV2	97171	127910	3.85%	0.447%
38	9.263	1218	1220	1223	rBV	104034	77611	2.34%	0.271%
39	9.316	1226	1229	1232	rBV	168151	176361	5.31%	0.616%
40	9.363	1233	1237	1241	rBV	113198	133260	4.01%	0.465%
41	9.404	1241	1244	1245	rBV	44784	33913	1.02%	0.118%
42	9.433	1245	1249	1251	rBV2	40971	50432	1.52%	0.176%
43	9.539	1264	1267	1271	rBV4	196145	195534	5.88%	0.683%
44	9.598	1274	1277	1280	rBV2	83221	99716	3.00%	0.348%
45	9.698	1291	1294	1297	rBV2	333783	405439	12.20%	1.416%
46	9.745	1299	1302	1304	rVB	480599	395016	11.89%	1.380%
47	9.780	1304	1308	1311	rBV3	151112	223684	6.73%	0.781%
48	9.816	1311	1314	1316	rBV2	207759	258183	7.77%	0.902%
49	9.845	1316	1319	1321	rVB	842198	740280	22.28%	2.586%
50	9.874	1321	1324	1327	rBV3	311569	364980	10.98%	1.275%
51	10.069	1351	1357	1359	rBV2	407419	648208	19.51%	2.264%
52	10.245	1384	1387	1389	rBV2	547507	463536	13.95%	1.619%
53	10.645	1451	1455	1458	rBV	940641	1065937	32.08%	3.723%
54	11.345	1571	1574	1576	rVB	502895	459521	13.83%	1.605%
55	12.927	1839	1843	1846	rVB	1689436	1728660	52.02%	6.038%
56	13.980	2019	2022	2026	rVB	518285	475381	14.31%	1.661%
57	15.445	2267	2271	2279	rVB	463906	566276	17.04%	1.978%

Sum of corrected areas: 28627783

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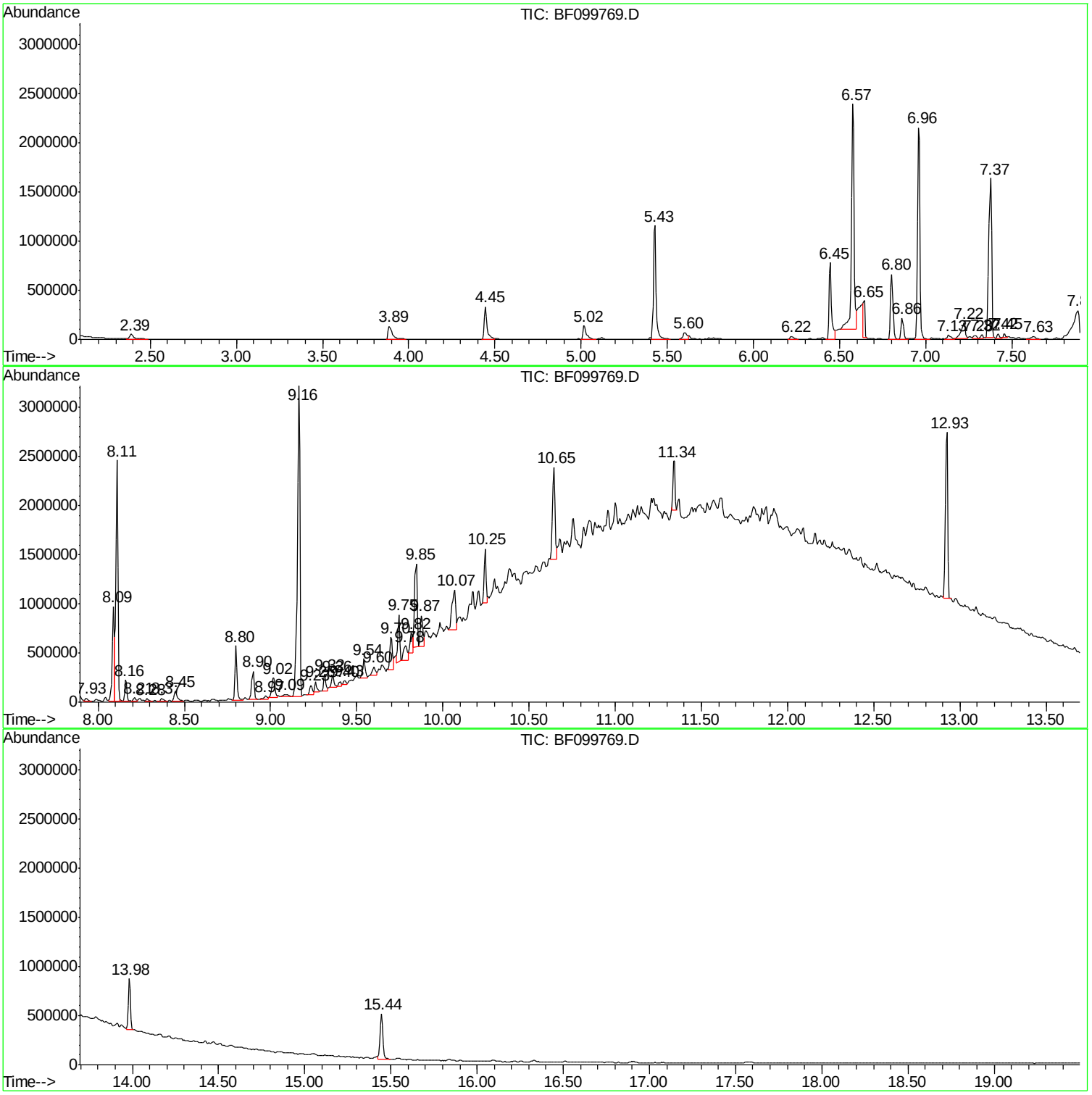
Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF102317\
Data File : BF099769.D
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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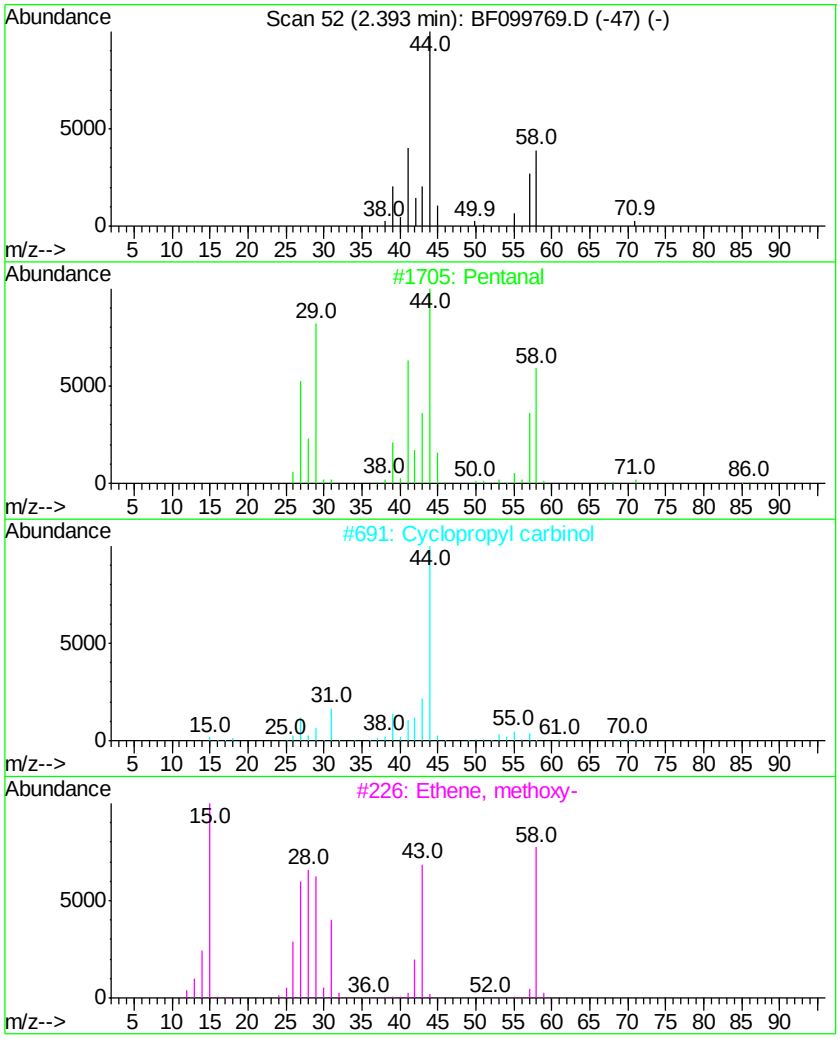
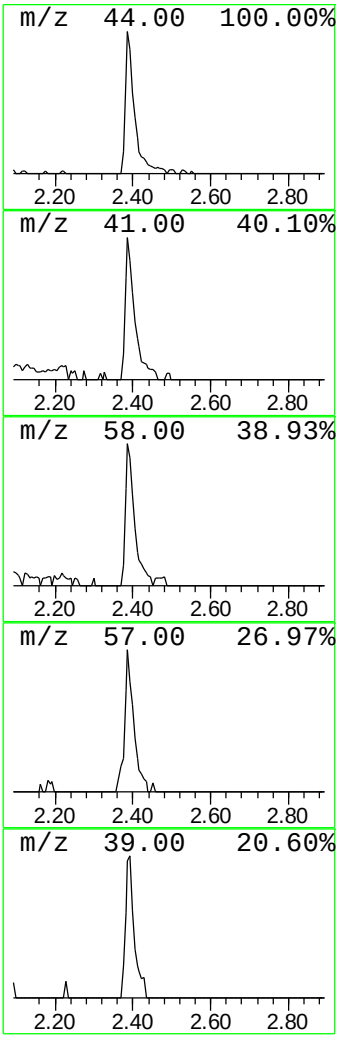
Peak Number 1 Pentanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	3.00 ng	87777	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	83
2	Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
3	Ethene, methoxy-	58	C3H6O	000107-25-5	5
4	Acetaldehyde	44	C2H4O	000075-07-0	4
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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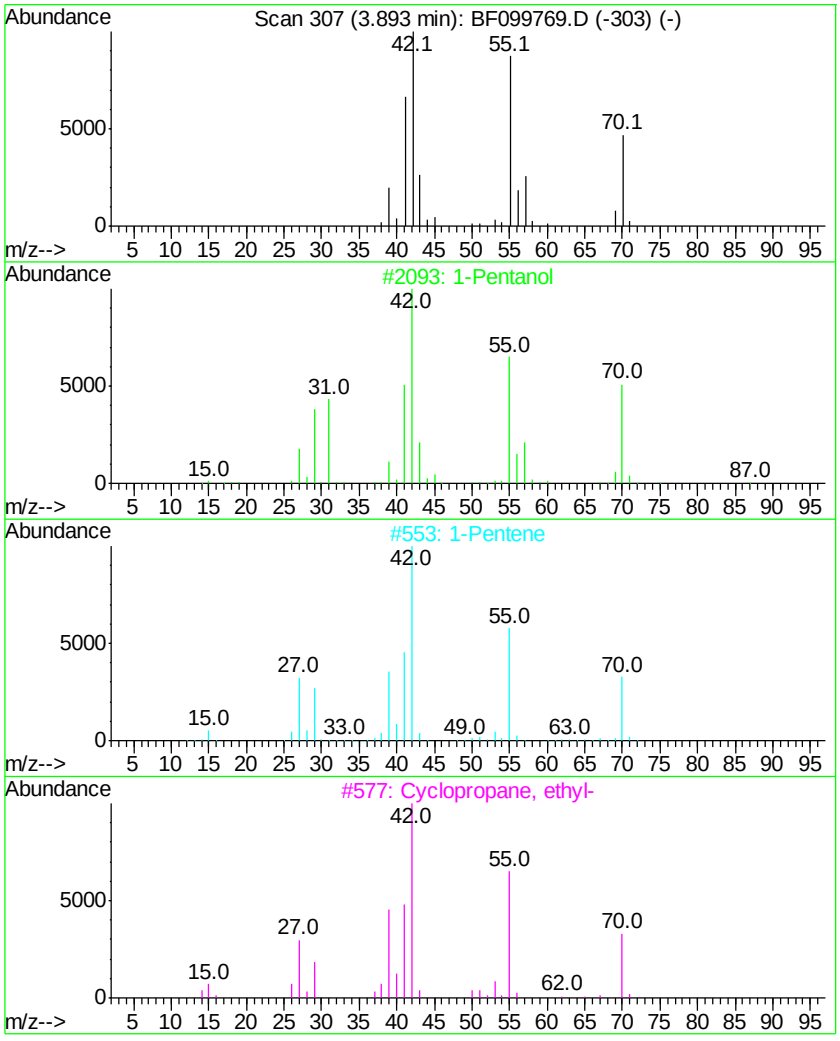
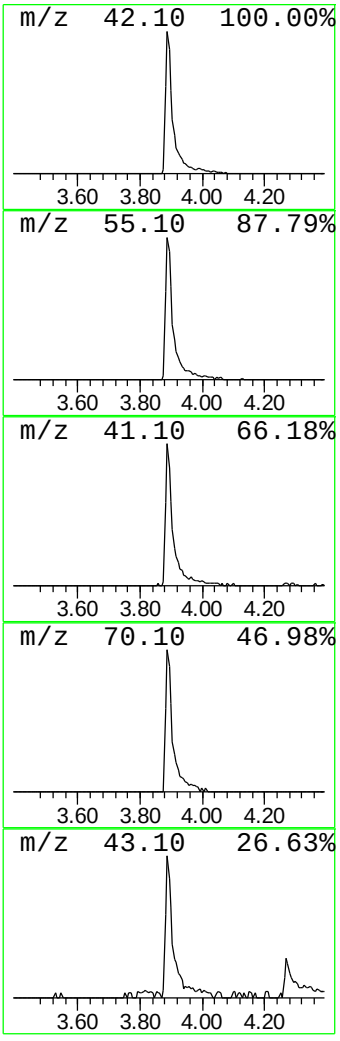
Peak Number 2 1-Pentanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	7.73 ng	225685	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol	88	C5H12O	000071-41-0	90
2	1-Pentene	70	C5H10	000109-67-1	72
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
4	1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	43
5	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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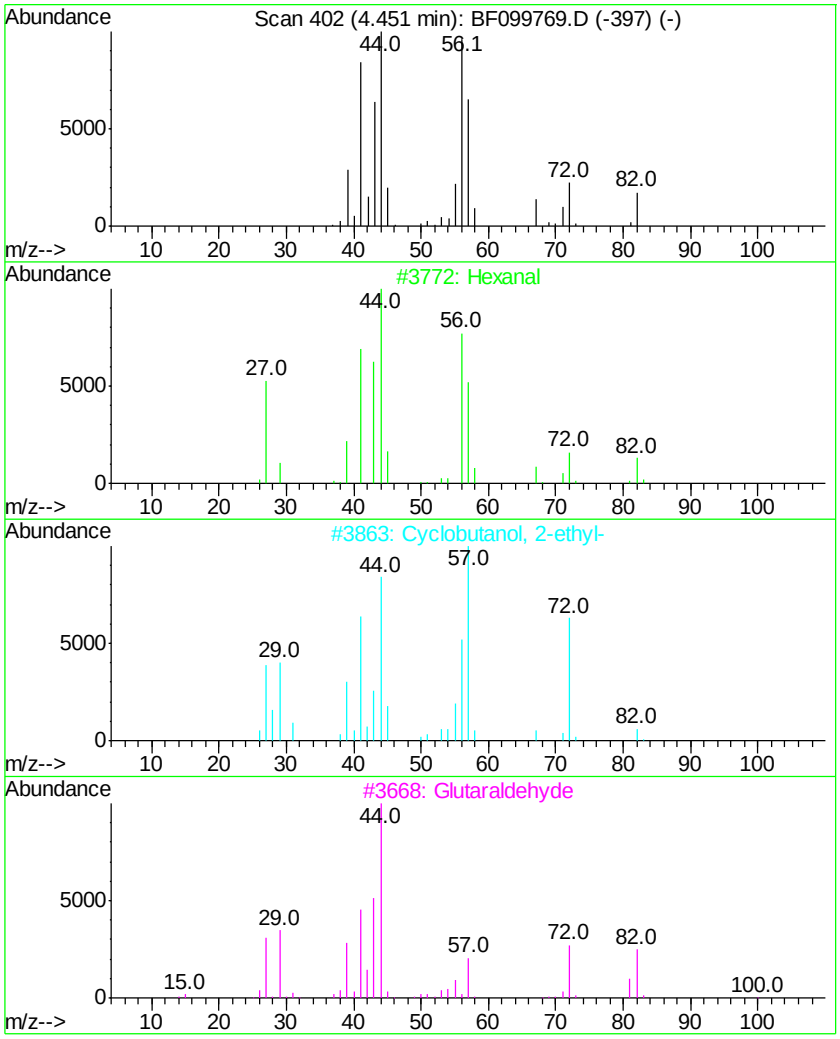
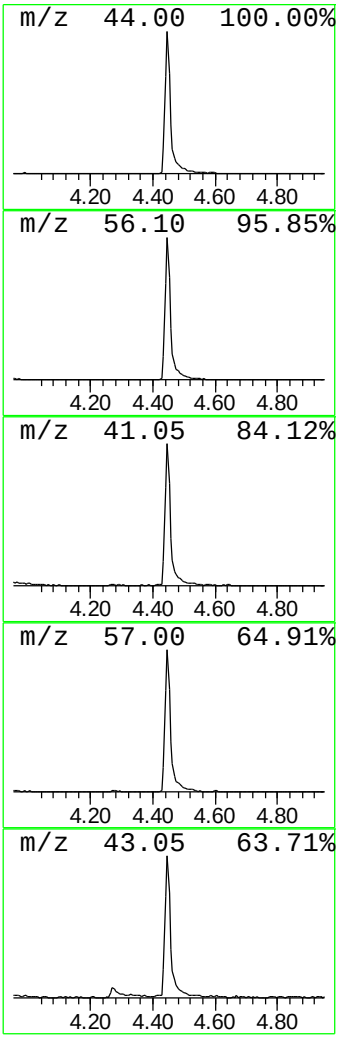
Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	13.63 ng	398283	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	33
3	Glutaraldehyde	100	C5H8O2	000111-30-8	32
4	1,5-Pentanediol	104	C5H12O2	000111-29-5	28
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

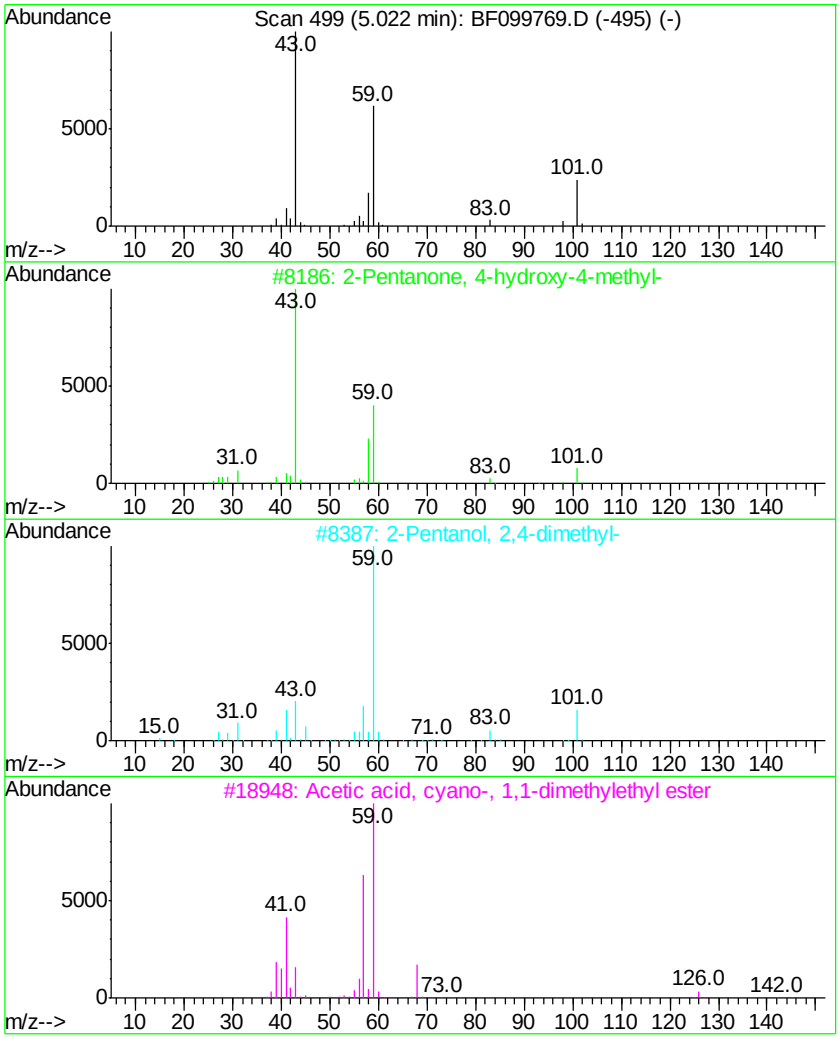
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

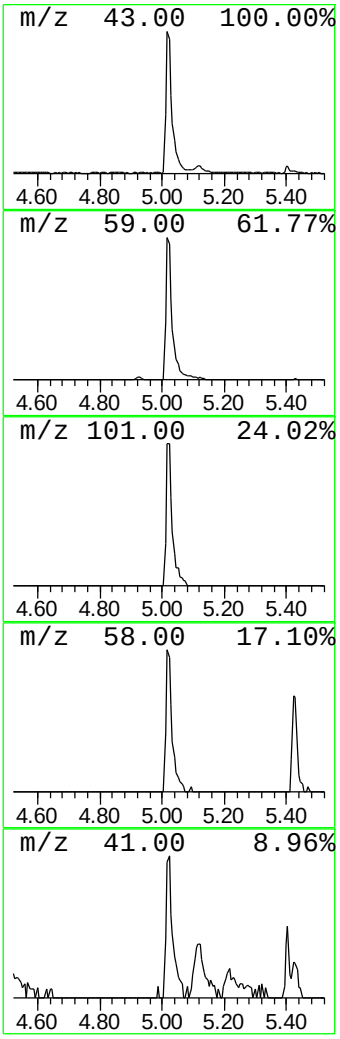
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	6.51 ng	190060	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Guanidine	59	CH5N3	000113-00-8	9





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Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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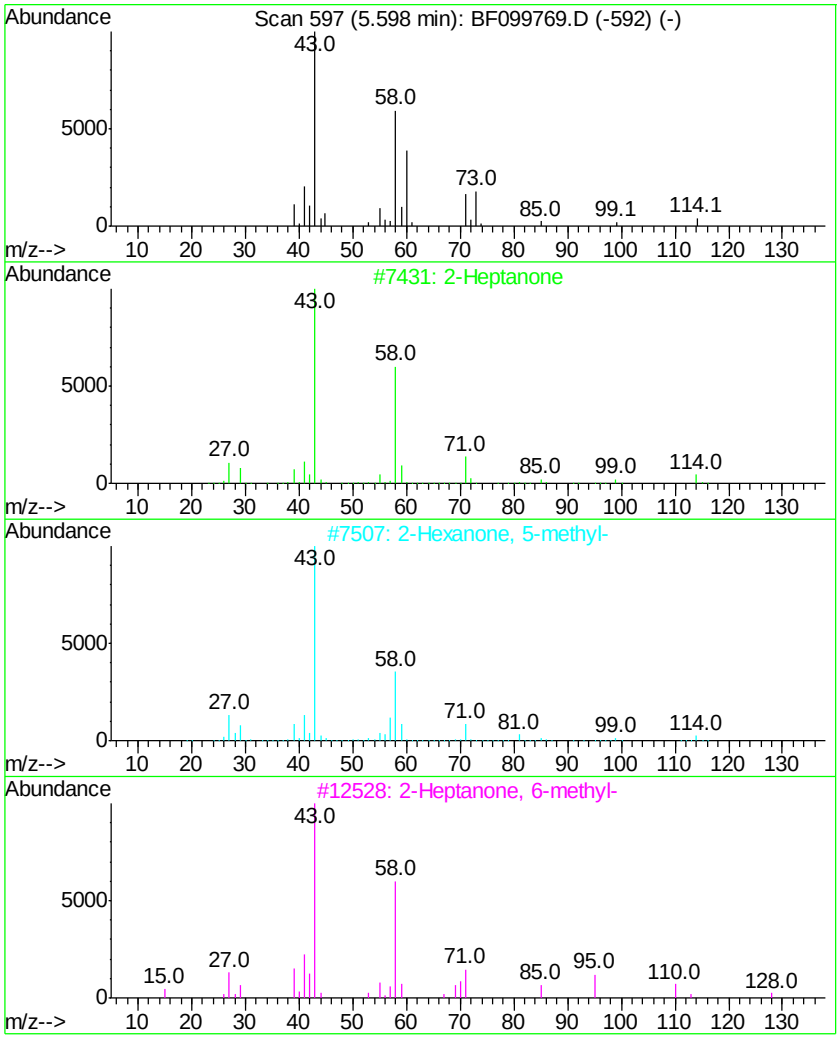
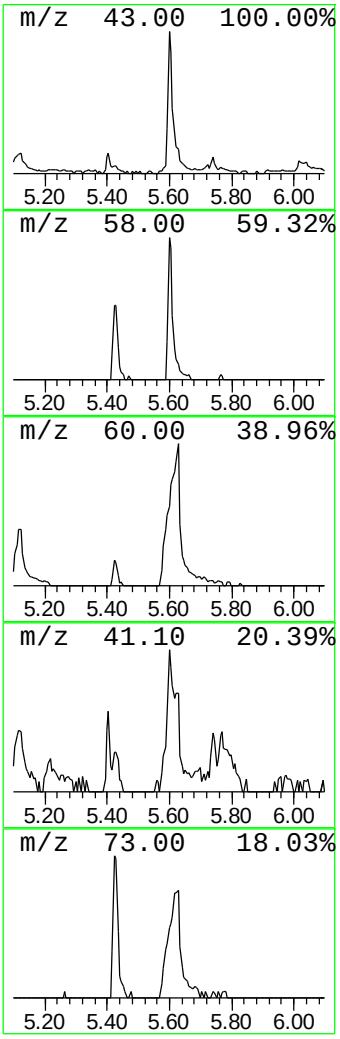
Peak Number 5 2-Heptanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	3.84 ng	112054	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	53
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	49
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	28
4	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	27
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	27





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Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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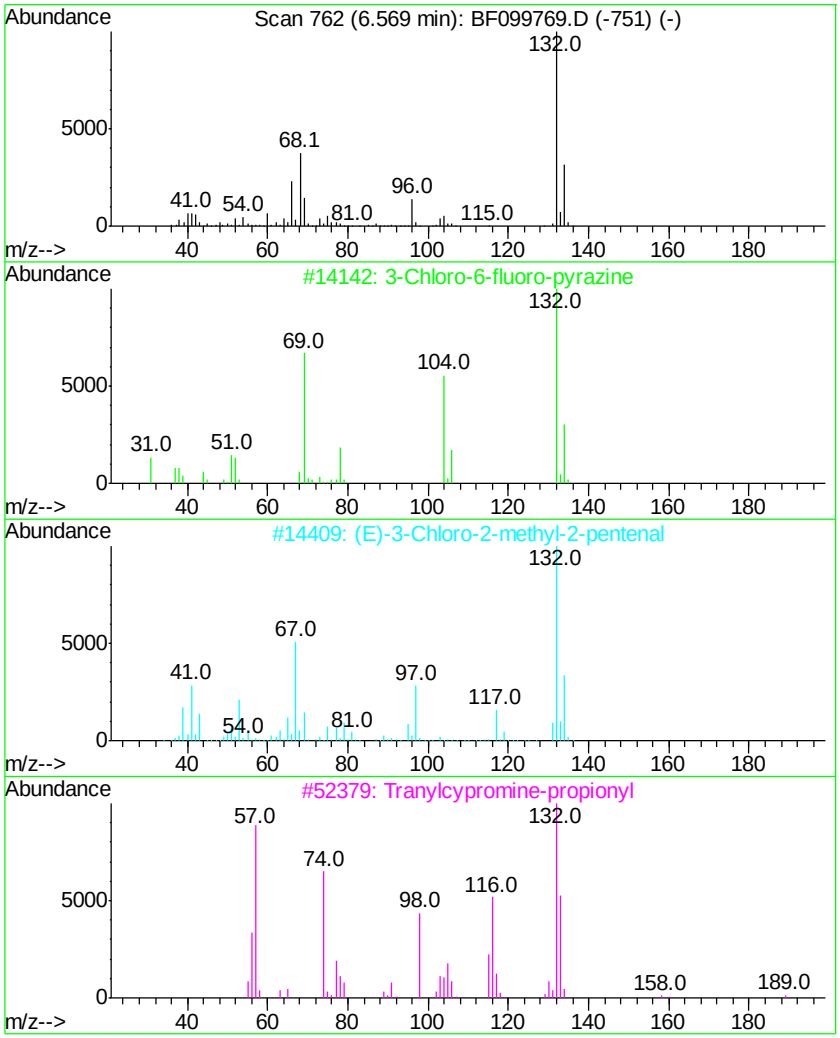
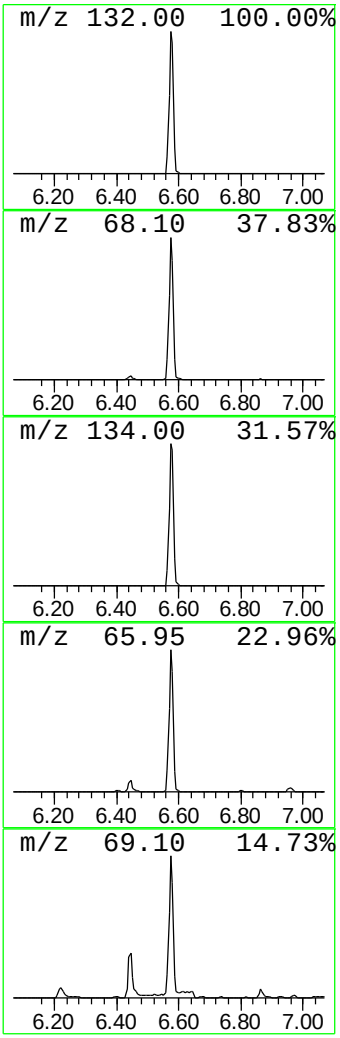
Peak Number 6 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	90.31 ng	2638480	1,4-Dichlorobenzene-d4	6.80

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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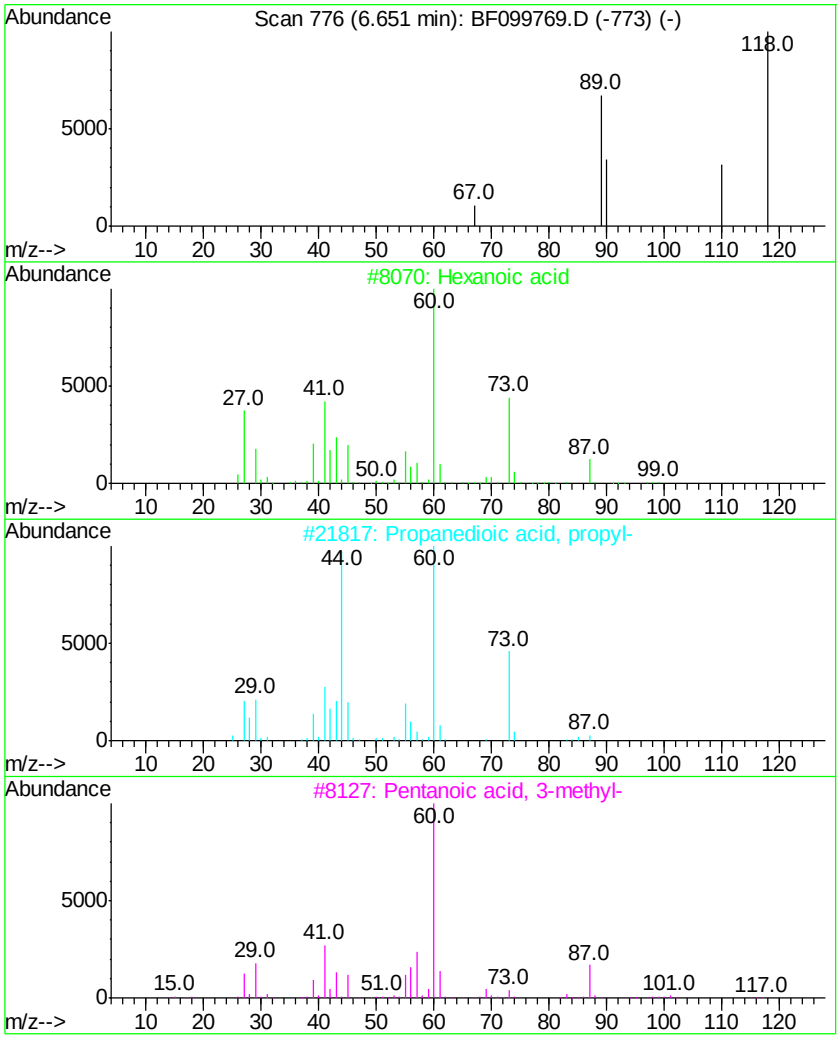
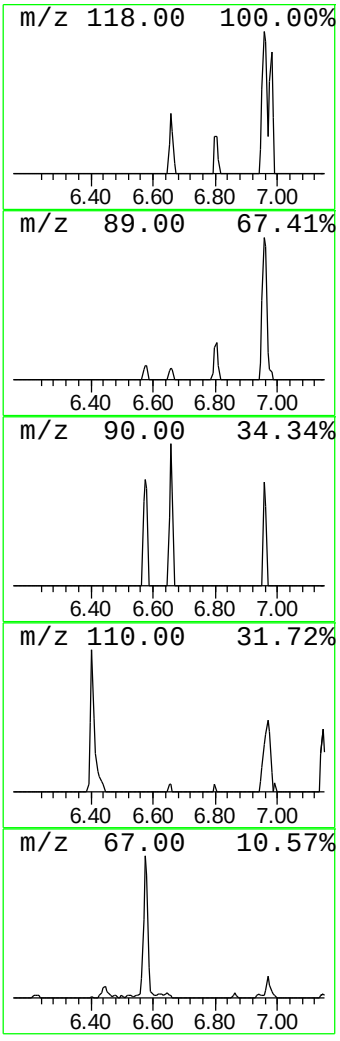
Peak Number 7 Hexanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	9.11 ng	266233	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	78
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	39
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	25
4	Butanoic acid	88	C4H8O2	000107-92-6	9
5	Guanidine, methyl-	73	C2H7N3	000471-29-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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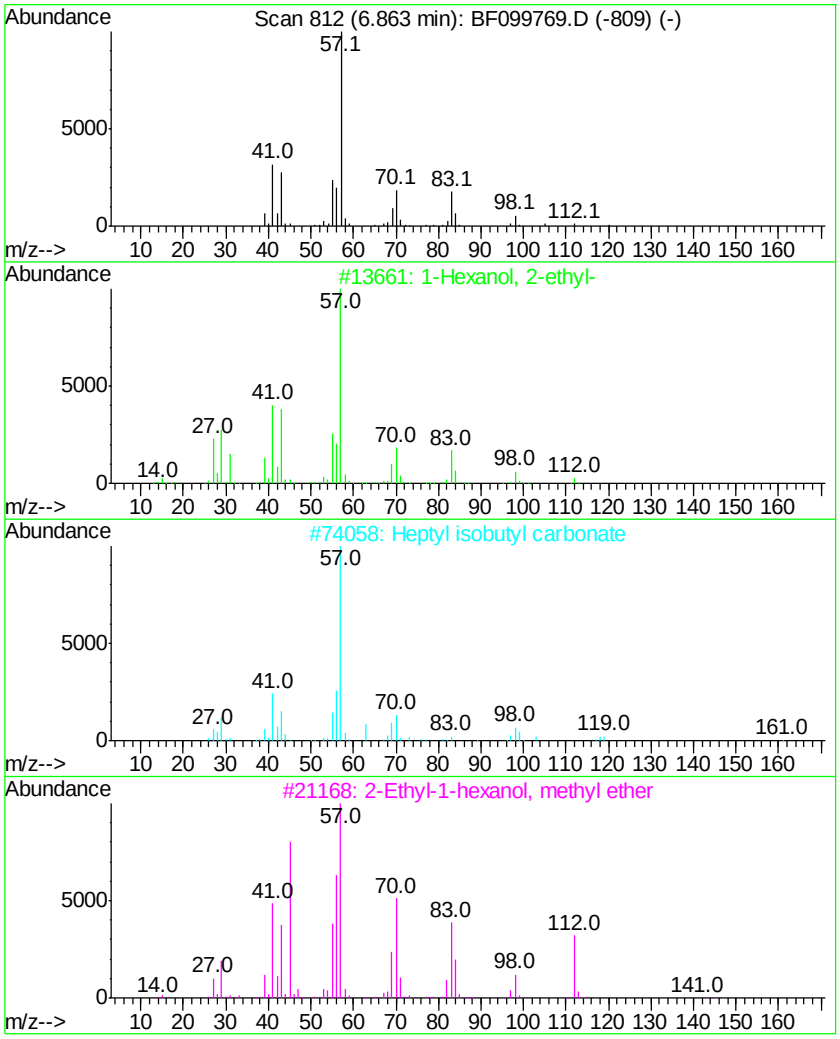
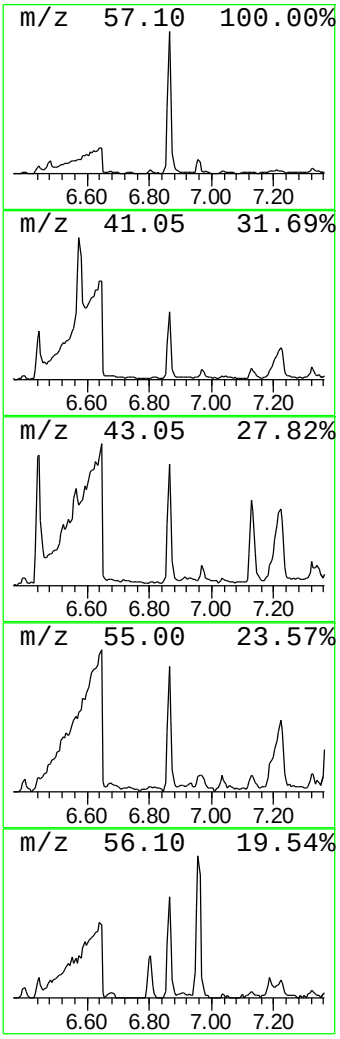
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	6.14 ng	179318	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50





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Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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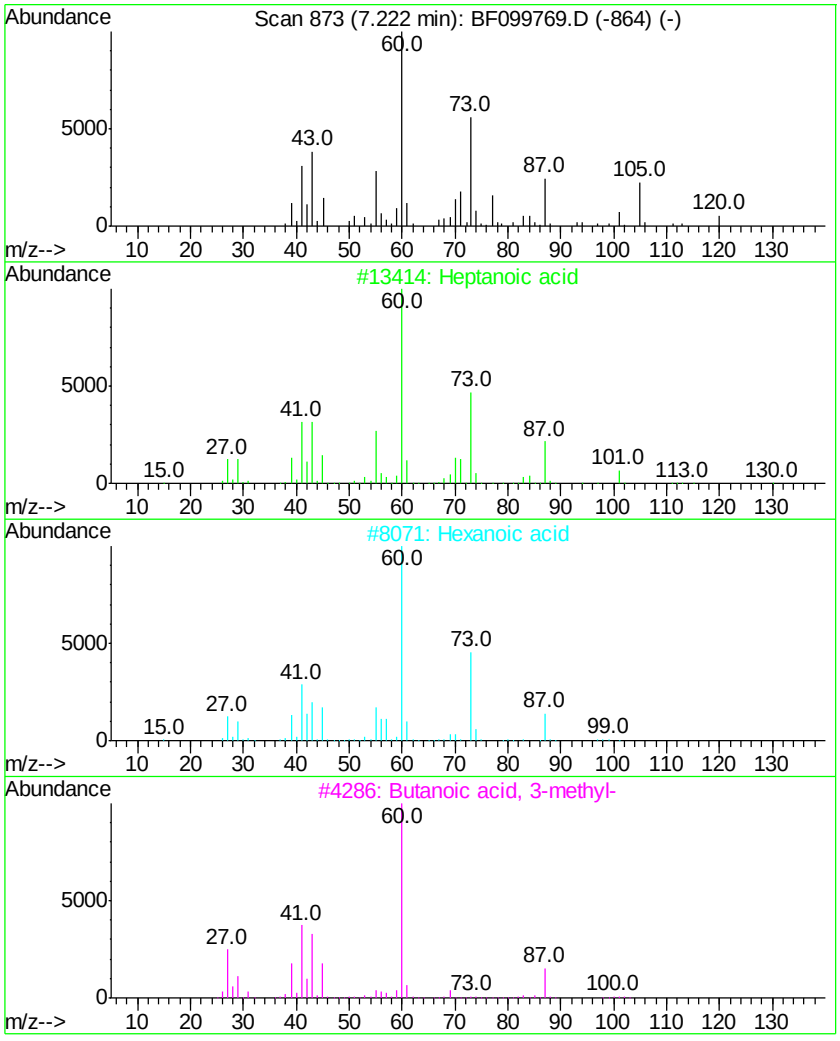
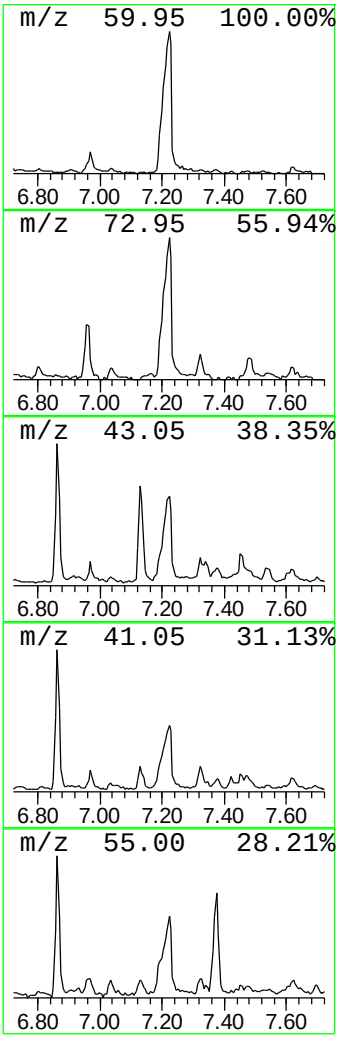
Peak Number 10 Heptanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	10.05 ng	293542	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
4	Pentanoic acid	102	C5H10O2	000109-52-4	49
5	Octanoic acid	144	C8H16O2	000124-07-2	40





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Misc :
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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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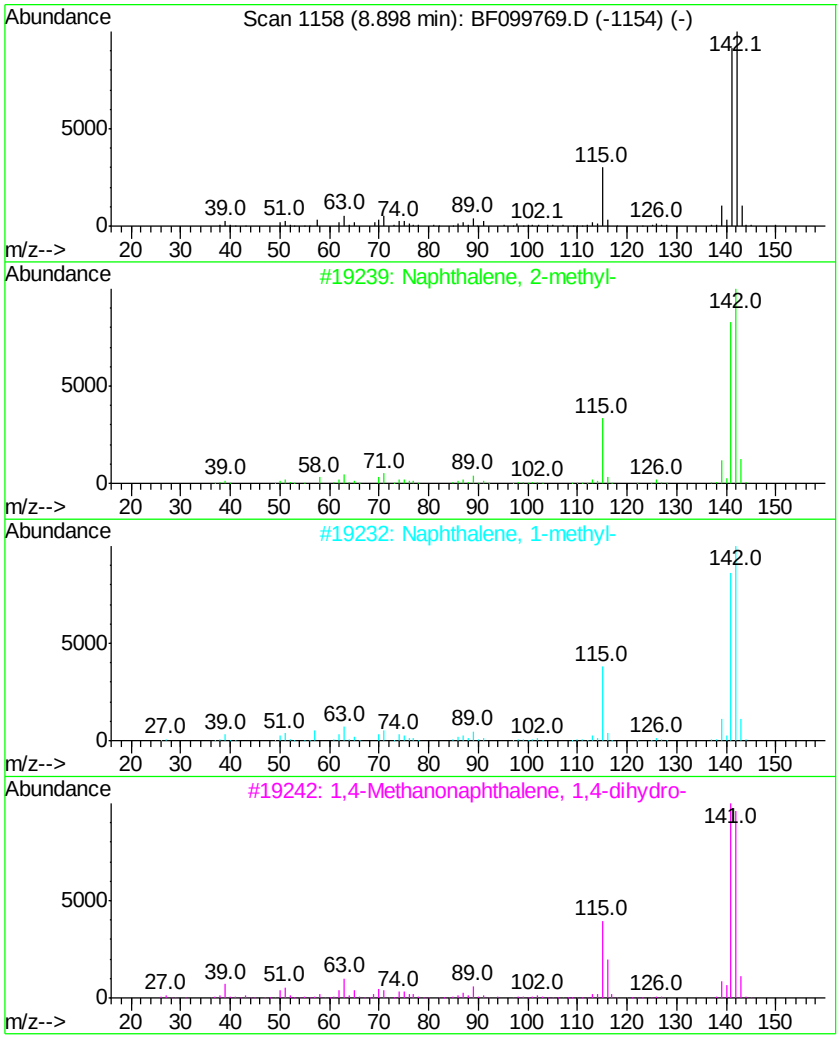
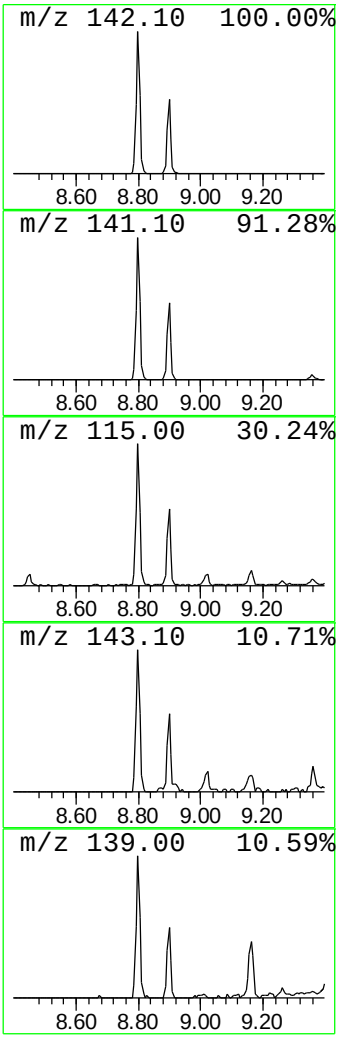
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.91 ng	249272	Naphthalene-d8	8.09

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	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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ALS Vial : 10 Sample Multiplier: 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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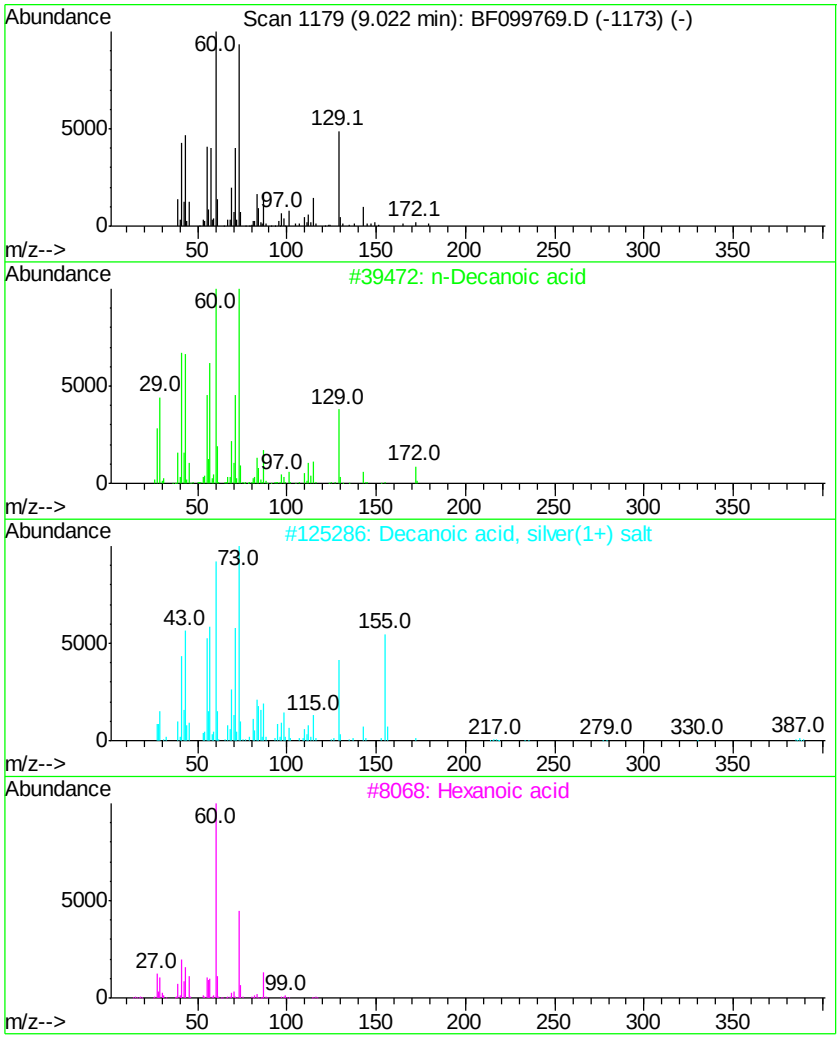
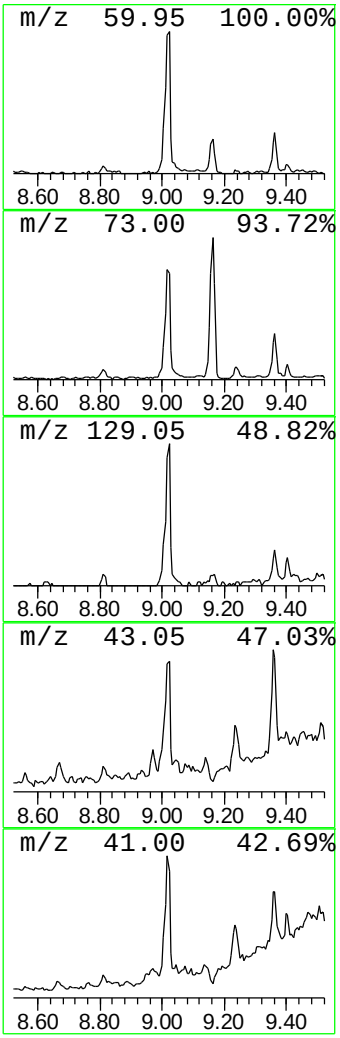
Peak Number 12 n-Decanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	6.66 ng	246337	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	86
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	43
4	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	40
5	Nonanoic acid	158	C9H18O2	000112-05-0	40





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : 20170724-C-A-COMP3

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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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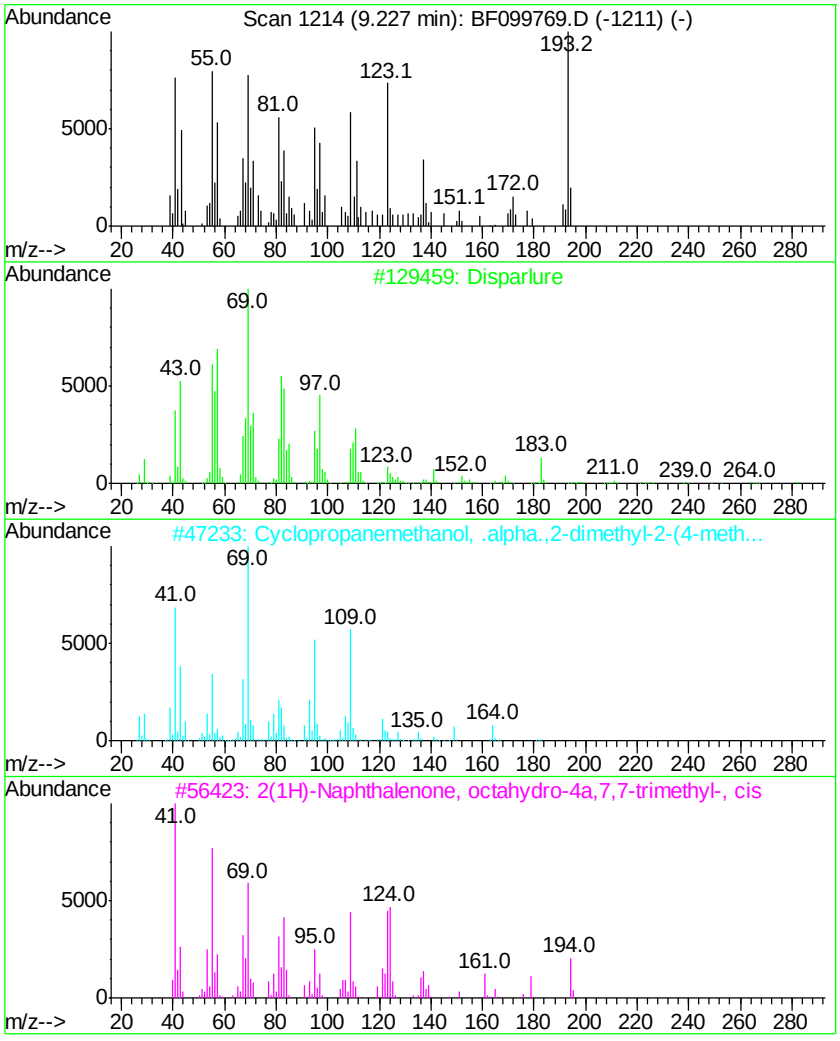
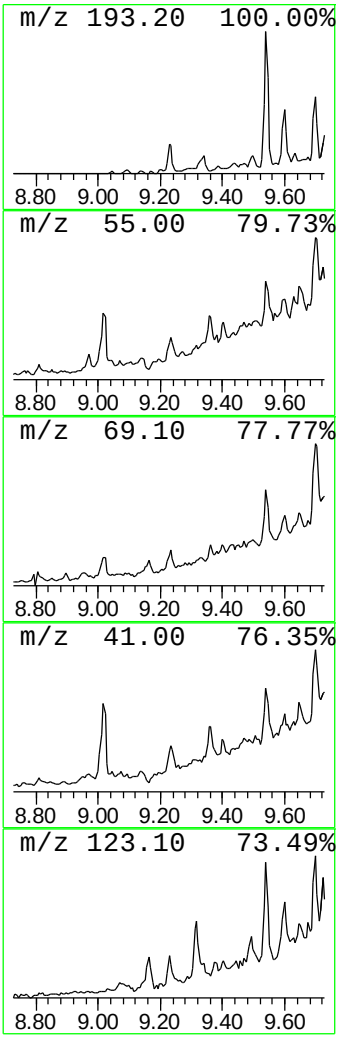
Peak Number 13 unknown9.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.46 ng	127910	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure	282	C19H38O	029804-22-6	30
2	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	27
3	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	25
4	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
5	Iminostilbene	193	C14H11N	000256-96-2	22





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Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

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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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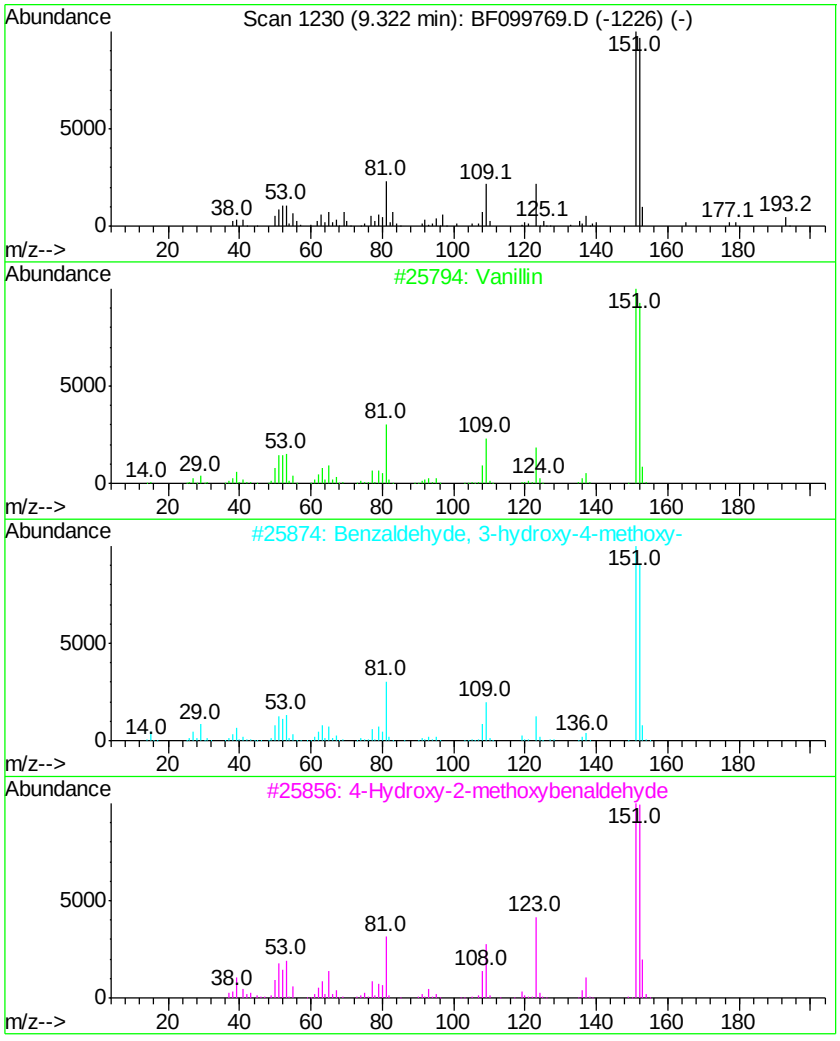
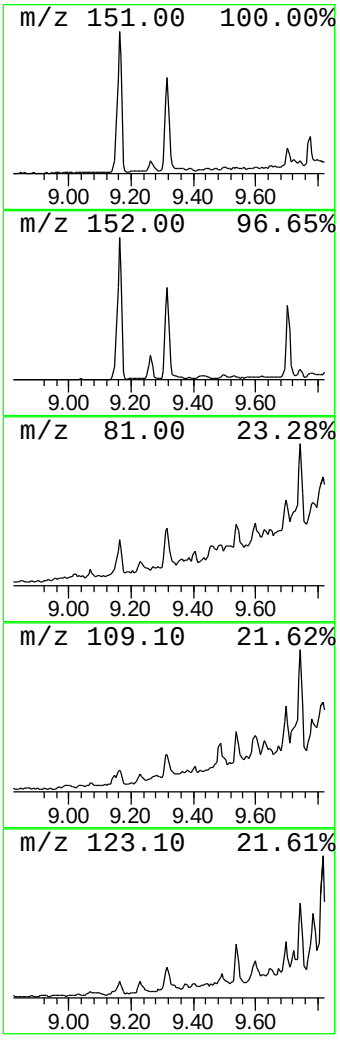
Peak Number 14 Vanillin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.76 ng	176361	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	95
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	90
4	Vanillin lactoside	476	C20H28O13	1000129-94-7	83
5	Benzaldehyde, 2,4-dihydroxy-6-me...	152	C8H8O3	000487-69-4	72





Library Search Compound Report

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Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 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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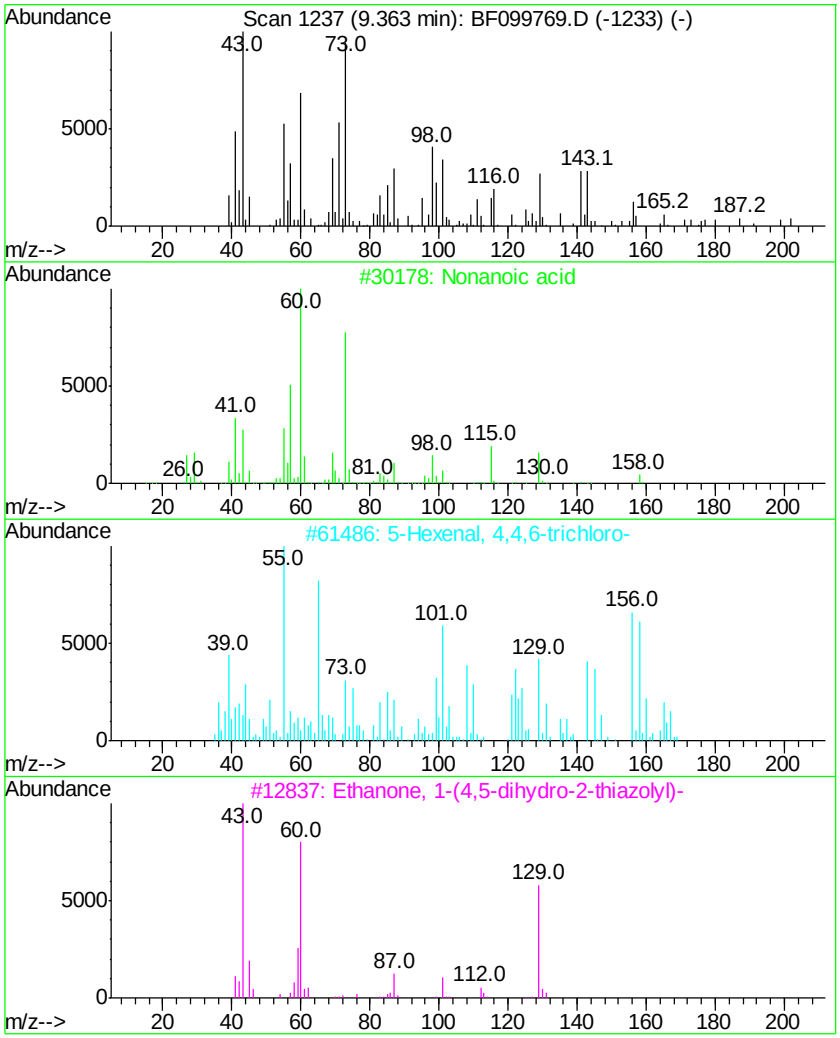
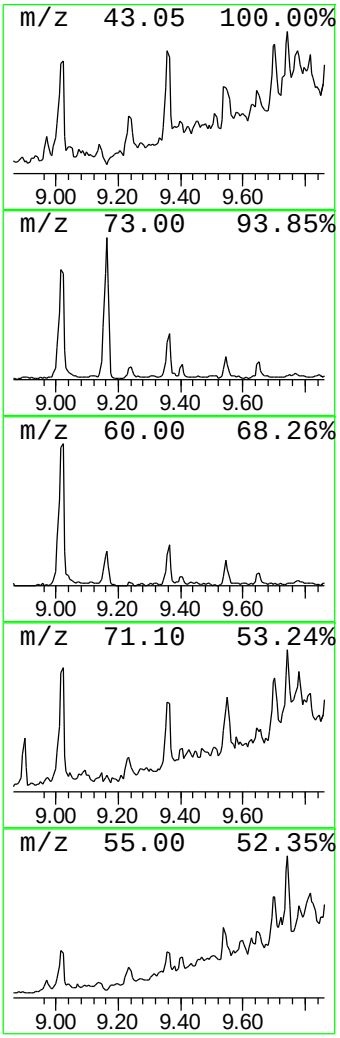
Peak Number 15 unknown9.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.60 ng	133260	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	35
2	5-Hexenal, 4,4,6-trichloro-	200	C6H7Cl3O	1000115-29-0	27
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	14
4	Octanoic acid	144	C8H16O2	000124-07-2	14
5	Undecanoic acid	186	C11H22O2	000112-37-8	12





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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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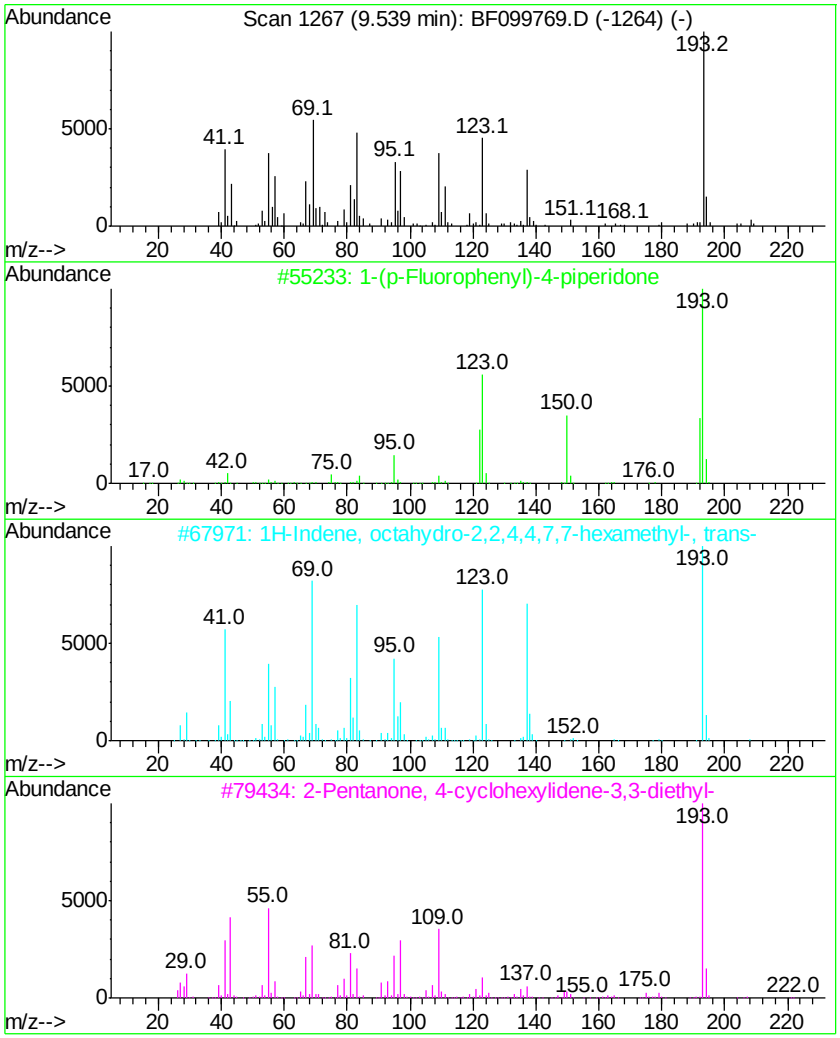
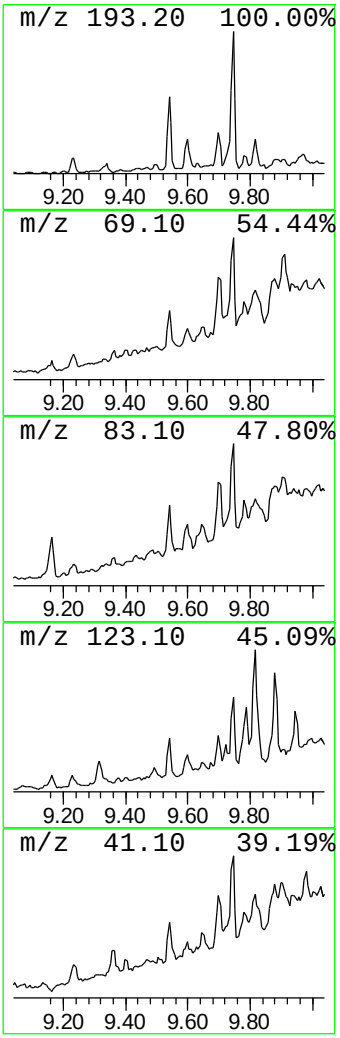
Peak Number 16 unknown9.54 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.28 ng	195534	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
4	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	32
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	30





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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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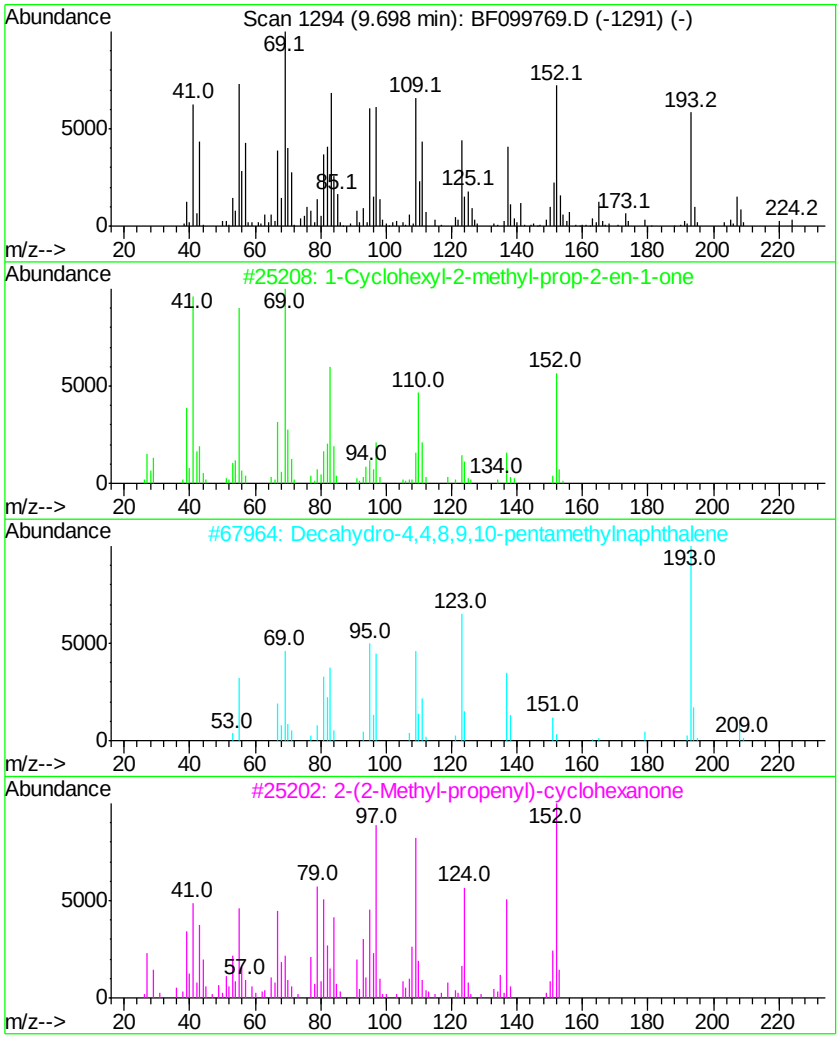
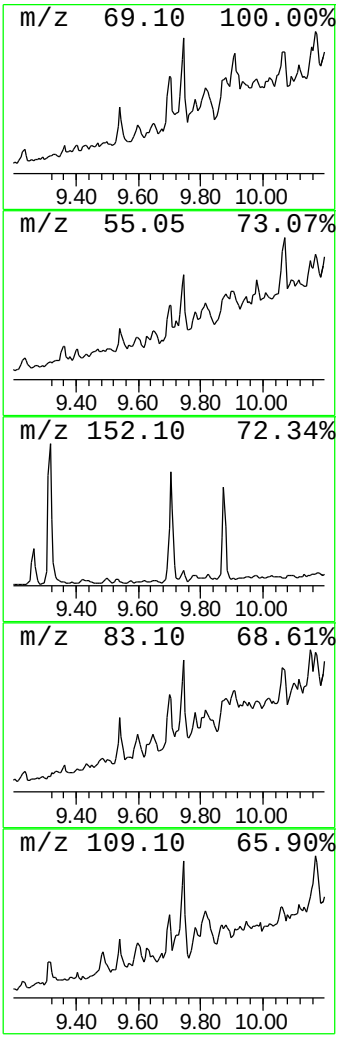
Peak Number 17 unknown9.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	10.95 ng	405439	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	41
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	41
3	2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	38
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	27
5	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	27





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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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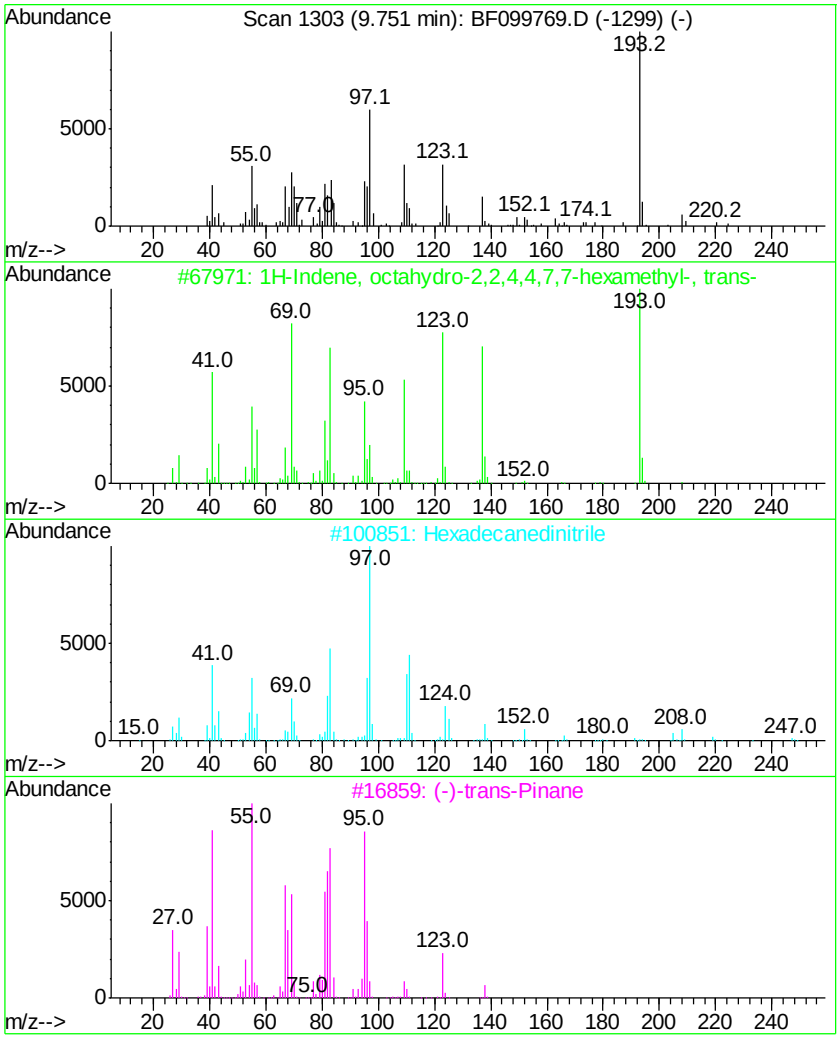
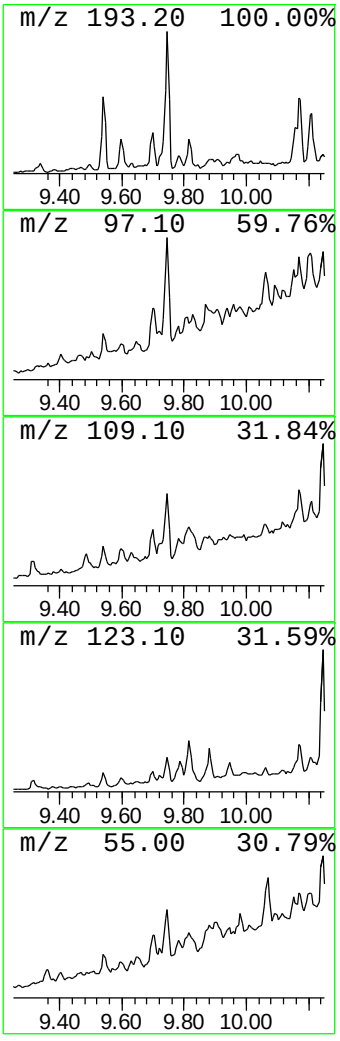
Peak Number 18 unknown9.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	10.67 ng	395016	Acenaphthene-d10	9.85

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	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
3	(-)-trans-Pinane	138	C10H18	033626-25-4	20
4	Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	14
5	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	14





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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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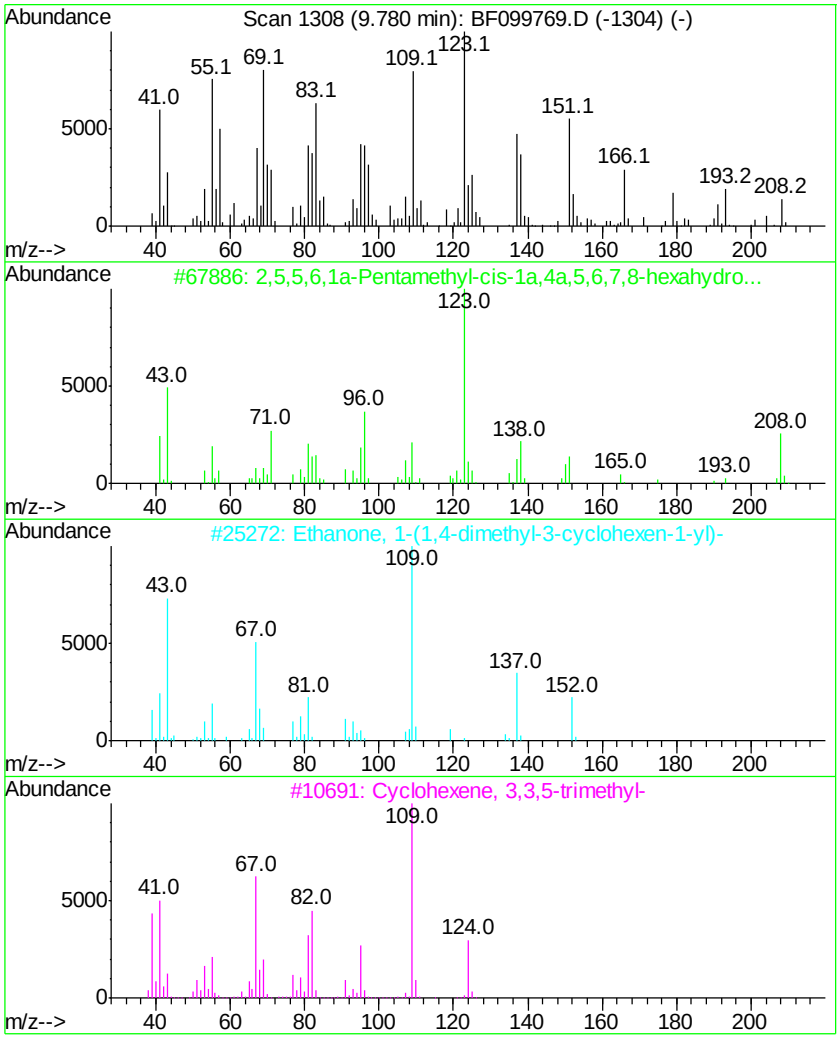
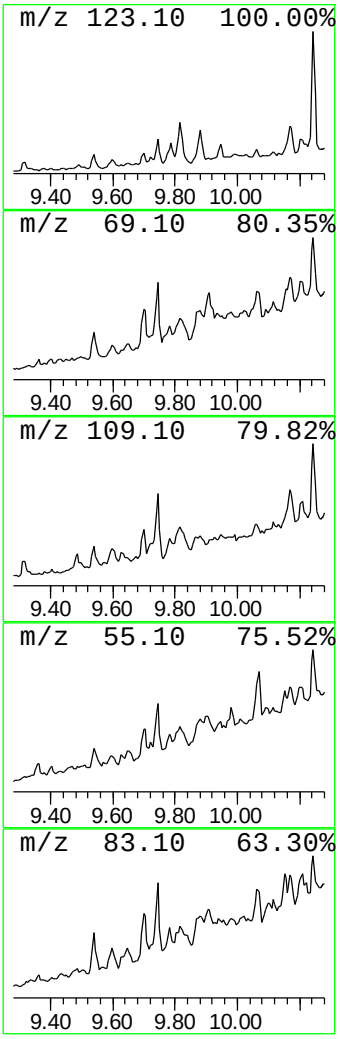
Peak Number 19 unknown9.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	6.04 ng	223684	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1000215-77-9	27
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25
4	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	25
5	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	20





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

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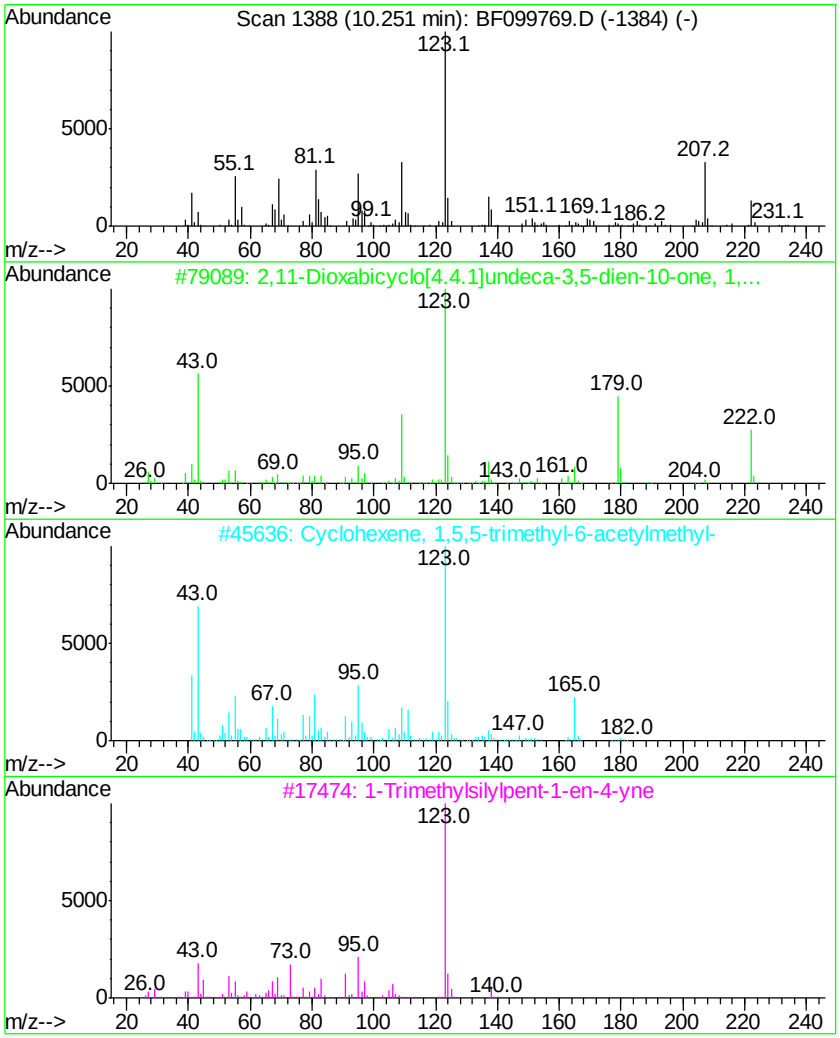
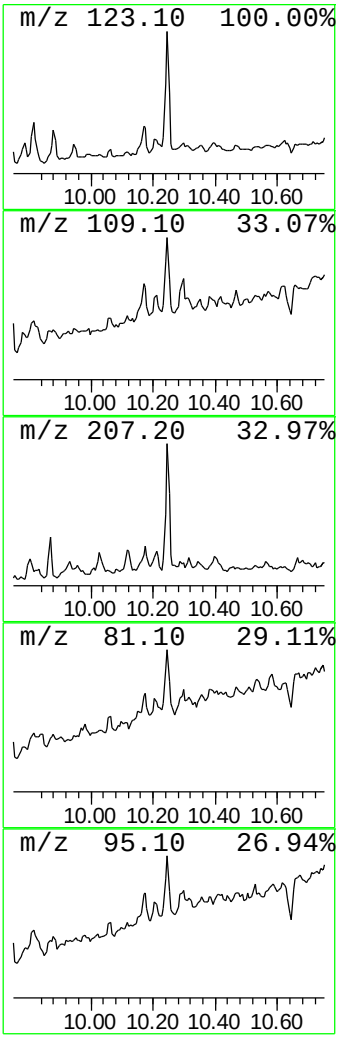
Peak Number 20 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	12.52 ng	463536	Acenaphthene-d10	9.85

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	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	53
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
5	1,1'-(1,1'-Cyclopropylidenedieth...	240	C9H16N6O2	083467-41-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
Pentanal	2.39	3.0	ng	87777	1	6.80	584296	20.0
1-Pentanol	3.89	7.7	ng	225685	1	6.80	584296	20.0
Hexanal	4.45	13.6	ng	398283	1	6.80	584296	20.0
2-Pentanone, 4-hy...	5.02	6.5	ng	190060	1	6.80	584296	20.0
2-Heptanone	5.60	3.8	ng	112054	1	6.80	584296	20.0
unknown6.57	6.57	90.3	ng	2638480	1	6.80	584296	20.0
Hexanoic acid	6.65	9.1	ng	266233	1	6.80	584296	20.0
1-Hexanol, 2-ethyl-	6.86	6.1	ng	179318	1	6.80	584296	20.0
Heptanoic acid	7.22	10.1	ng	293542	1	6.80	584296	20.0
Naphthalene, 1-me...	8.90	5.9	ng	249272	2	8.09	843214	20.0
n-Decanoic acid	9.02	6.7	ng	246337	3	9.85	740280	20.0
unknown9.23	9.23	3.5	ng	127910	3	9.85	740280	20.0
Vanillin	9.32	4.8	ng	176361	3	9.85	740280	20.0
unknown9.36	9.36	3.6	ng	133260	3	9.85	740280	20.0
unknown9.54	9.54	5.3	ng	195534	3	9.85	740280	20.0
unknown9.70	9.70	10.9	ng	405439	3	9.85	740280	20.0
unknown9.75	9.75	10.7	ng	395016	3	9.85	740280	20.0
unknown9.78	9.78	6.0	ng	223684	3	9.85	740280	20.0
2,11-Dioxabicyclo...	10.25	12.5	ng	463536	3	9.85	740280	20.0