LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

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_F\METHODS\8270-BF022719.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	2.151	7	11	18	rVB	192175	240991	2.54%	0.354%
2	2.234	20	25	27	rBV4	56647	110023	1.16%	0.161%
3	3.728	269	279	284	rBV	123415	195023	2.06%	0.286%
4	5.198	526	529	533	rVB	130769	125178	1.32%	0.184%
5	5.310	542	548	550	rBV	168446	190651	2.01%	0.280%
6	5.345	550	554	569	rVB	1568679	2294219	24.21%	3.367%
7	5.575	587	593	603	rVB	157830	191508	2.02%	0.281%
8	5.710	607	616	619	rBV	4299663	7182797	75.79%	10.540%
9	5.904	645	649	653	rBV	149631	136877	1.44%	0.201%
10	6.263	707	710	713	rBV	95366	101659	1.07%	0.149%
11	6.369	724	728	733	rBV	1524038	1433498	15.13%	2.104%
12	6.504	746	751	754	rBV	4020137	3726864	39.32%	5.469%
13	6.563	758	761	767	rVB2	136985	173344	1.83%	0.254%
14	6.733	786	790	792	rBV	1258167	1035976	10.93%	1.520%
15	6.757	792	794	798	rVB	218464	199534	2.11%	0.293%
16	6.804	798	802	809	rVB2	233770	247016	2.61%	0.362%
17	6.892	809	817	820	rBV	4485321	4336286	45.75%	6.363%
18	7.133	855	858	868	rVB3	70878	119269	1.26%	0.175%
19	7.292	876	885	888	rBV	2992594	3218345	33.96%	4.723%
20	7.557	898	930	933	rBV	1976654	9477315	100.00%	13.908%
21	7.669	944	949	957	rVB5	134008	210096	2.22%	0.308%
22	7.792	965	970	974	rVB2	1478046	1310823	13.83%	1.924%
23	7.857	974	981	984	rBV2	510200	447437	4.72%	0.657%
24	7.886	984	986	990	rVB	262450	223435	2.36%	0.328%
25	7.933	990	994	997	rBV	2726284	2585690	27.28%	3.794%
26	7.963	997	999	1004	rVB	204000	187414	1.98%	0.275%
27	8.016	1004	1008	1011	rBV	1303342	1217717	12.85%	1.787%
28	8.086	1018	1020	1026	rVB	196465	200515	2.12%	0.294%
29	8.292	1049	1055	1058	rBV	1817798	1726561	18.22%	2.534%
30	8.327	1058	1061	1063	rVV3	94501	105512	1.11%	0.155%
31	8.586	1099	1105	1108	rBV	121306	152344	1.61%	0.224%
32	8.716	1123	1127	1133	rBV2	122789	146297	1.54%	0.215%
33	9.092	1186	1191	1194	rBV	4528299	4532536	47.83%	6.651%
34	9.216	1209	1212	1215	rBV	251731	244168	2.58%	0.358%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

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_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.245	1215	1217	1224	rVB3	116022	126640	1.34%	0.186%
36	9.763	1299	1305	1310	rBV2	1460996	1604237	16.93%	2.354%
37	9.910	1327	1330	1338	rBV	262057	317654	3.35%	0.466%
38	10.180	1373	1376	1379	rVB	154439	124209	1.31%	0.182%
39	10.227	1381	1384	1388	rBV	162059	145142	1.53%	0.213%
40	10.551	1434	1439	1441	rBV	2672194	2706944	28.56%	3.972%
41	10.574	1441	1443	1448	rVB2	202577	214376	2.26%	0.315%
42	10.692	1459	1463	1465	rBV	111664	111597	1.18%	0.164%
43	10.739	1468	1471	1473	rBV3	100116	116781	1.23%	0.171%
44	10.851	1487	1490	1498	rBV2	306045	363281	3.83%	0.533%
45	10.951	1504	1507	1508	rBV	121490	99415	1.05%	0.146%
46	10.986	1511	1513	1517	rVB2	166727	143512	1.51%	0.211%
47	11.163	1539	1543	1546	rVB2	144890	165655	1.75%	0.243%
48	11.239	1550	1556	1559	rVV	1344621	1236071	13.04%	1.814%
49	11.268	1559	1561	1569	rVV2	444344	435814	4.60%	0.640%
50	11.333	1569	1572	1579	rVV	105997	125515	1.32%	0.184%
51	11.510	1599	1602	1606	rVB2	150004	148000	1.56%	0.217%
52	11.745	1638	1642	1645	rBV2	267682	365621	3.86%	0.537%
53	11.774	1645	1647	1656	rVB3	319379	366883	3.87%	0.538%
54	11.957	1675	1678	1686	rBV3	114561	226722	2.39%	0.333%
55	12.145	1706	1710	1715	rBV	485210	512887	5.41%	0.753%
56	12.215	1718	1722	1727	rVV4	87509	132862	1.40%	0.195%
57	12.280	1730	1733	1737	rBV	295382	330892	3.49%	0.486%
58	12.315	1737	1739	1742	rVV	335941	314619	3.32%	0.462%
59	12.345	1742	1744	1747	rVB	135985	111925	1.18%	0.164%
60	12.380	1747	1750	1754	rVB	137369	131426	1.39%	0.193%
61	12.445	1758	1761	1763	rBV2	100102	96579	1.02%	0.142%
62	12.521	1771	1774	1776	rBV2	246482	257127	2.71%	0.377%
63	12.557	1776	1780	1790	rVB2	368848	619326	6.53%	0.909%
64	12.774	1814	1817	1821	rBV	255353	231911	2.45%	0.340%
65	12.821	1821	1825	1828	rBV	4438370	4289219	45.26%	6.294%
66	13.680	1967	1971	1972	rBV	130458	130184	1.37%	0.191%
67	13.698	1972	1974	1977	rVV	209998	226671	2.39%	0.333%
68	13.727	1977	1979	1985	rVB2	99070	111656	1.18%	0.164%
69	13.862	1998	2002	2015	rVB	1330967	1416925	14.95%	2.079%
70	14.045	2029	2033	2036	rBV	111034	116330	1.23%	0.171%
71	14.527	2112	2115	2122	rVV	153556	223000	2.35%	0.327%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

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_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.645	2132	2135	2143	rVB	145410	188800	1.99%	0.277%
73	14.956	2185	2188	2193	rVB	149101	162324	1.71%	0.238%
74	15.274	2237	2242	2246	rBV	684935	931337	9.83%	1.367%
75	15.309	2246	2248	2257	rVB	151226	209936	2.22%	0.308%
76	15.721	2314	2318	2322	rVB	94322	126519	1.33%	0.186%
77	16.186	2393	2397	2404	rVB2	61328	101517	1.07%	0.149%

Sum of corrected areas: 68144959

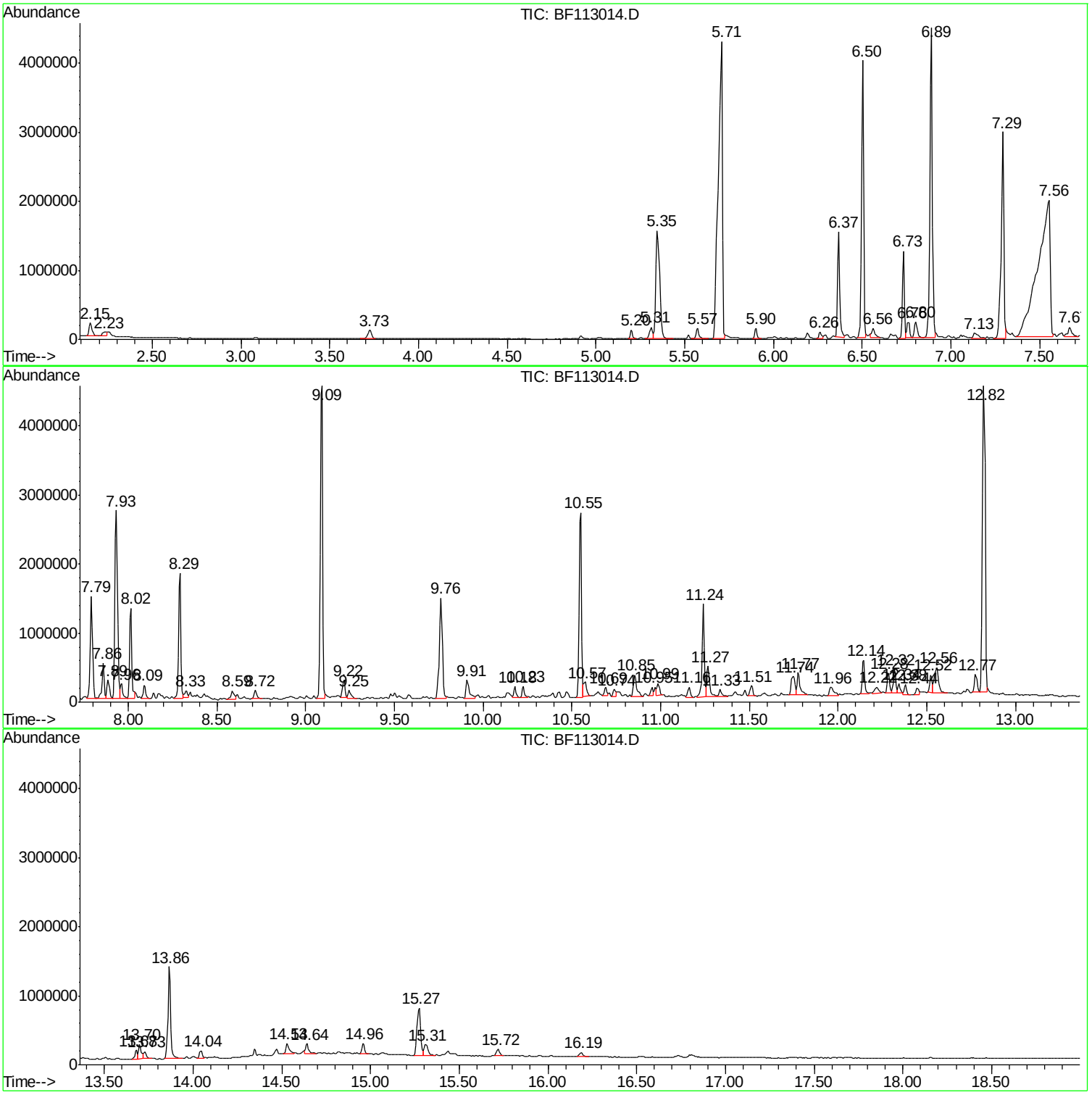
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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 F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

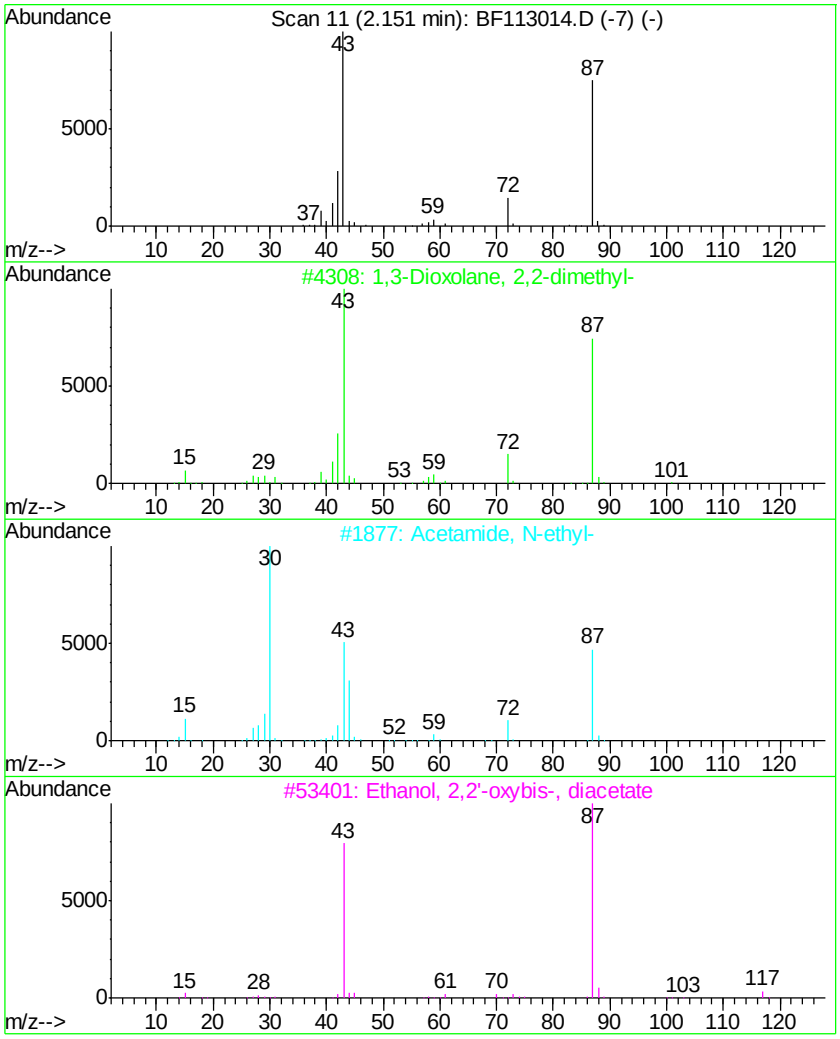
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

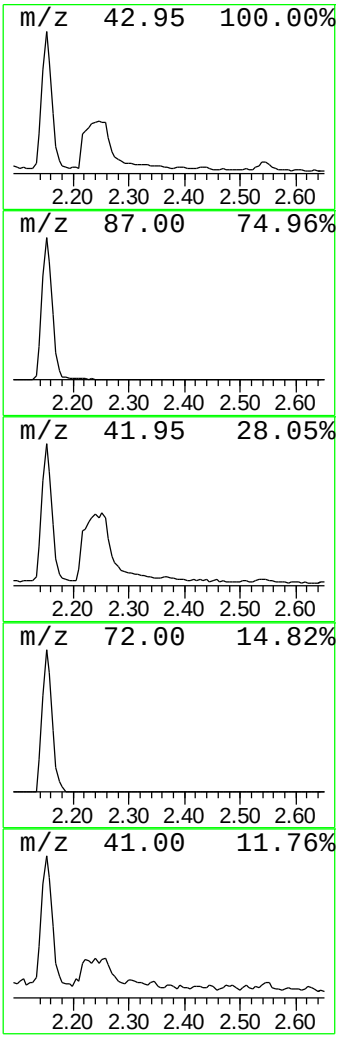
****

Peak Number 1 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	4.65 ng	240991	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	50
3	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	36
4	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	9
5	Isobutane	58	C4H10	000075-28-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

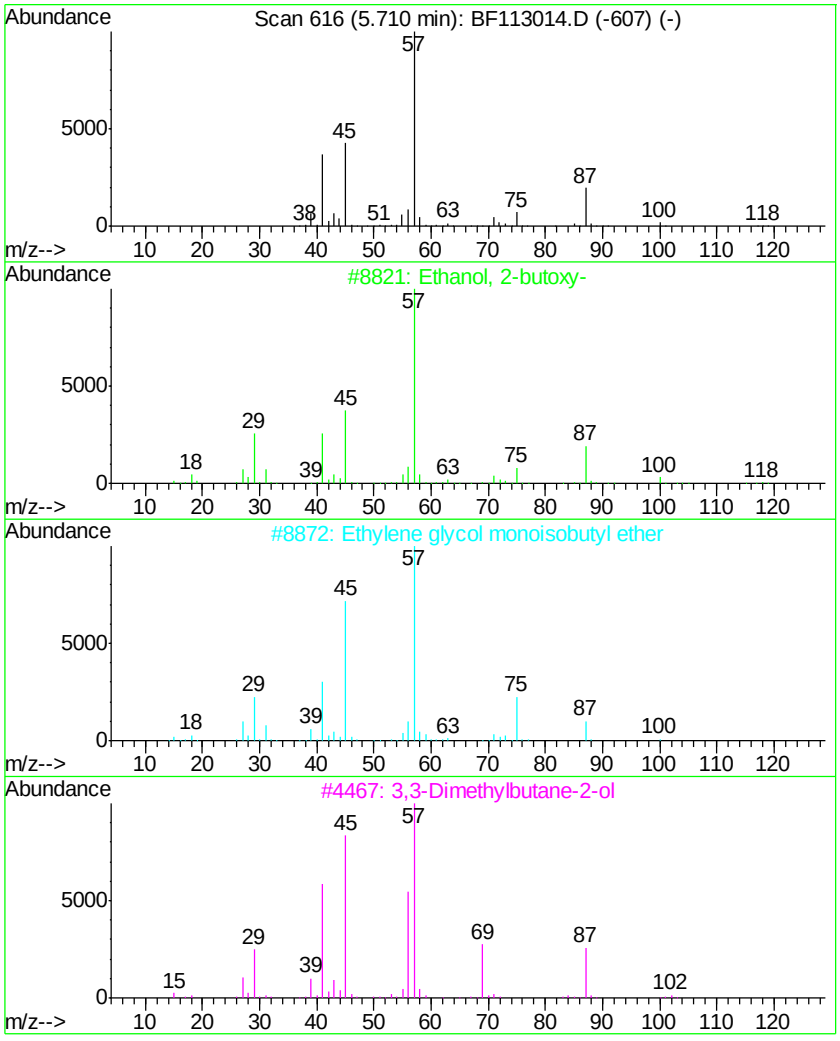
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

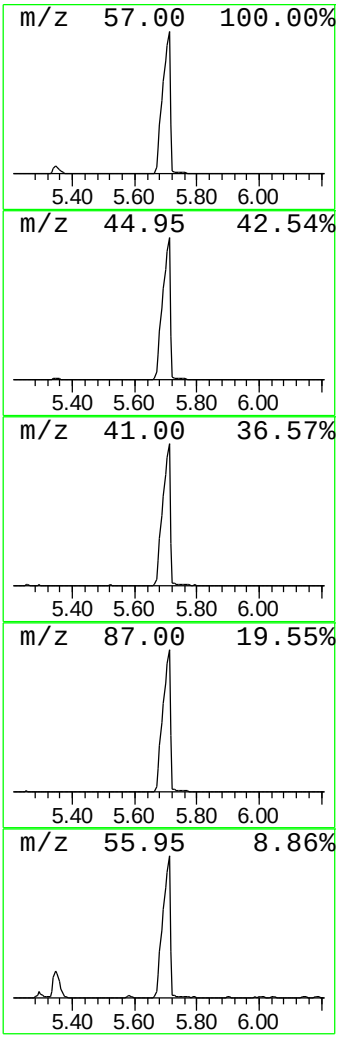
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	138.67 ng	7182800	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	25
5	n-Butyl ether	130	C8H18O	000142-96-1	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

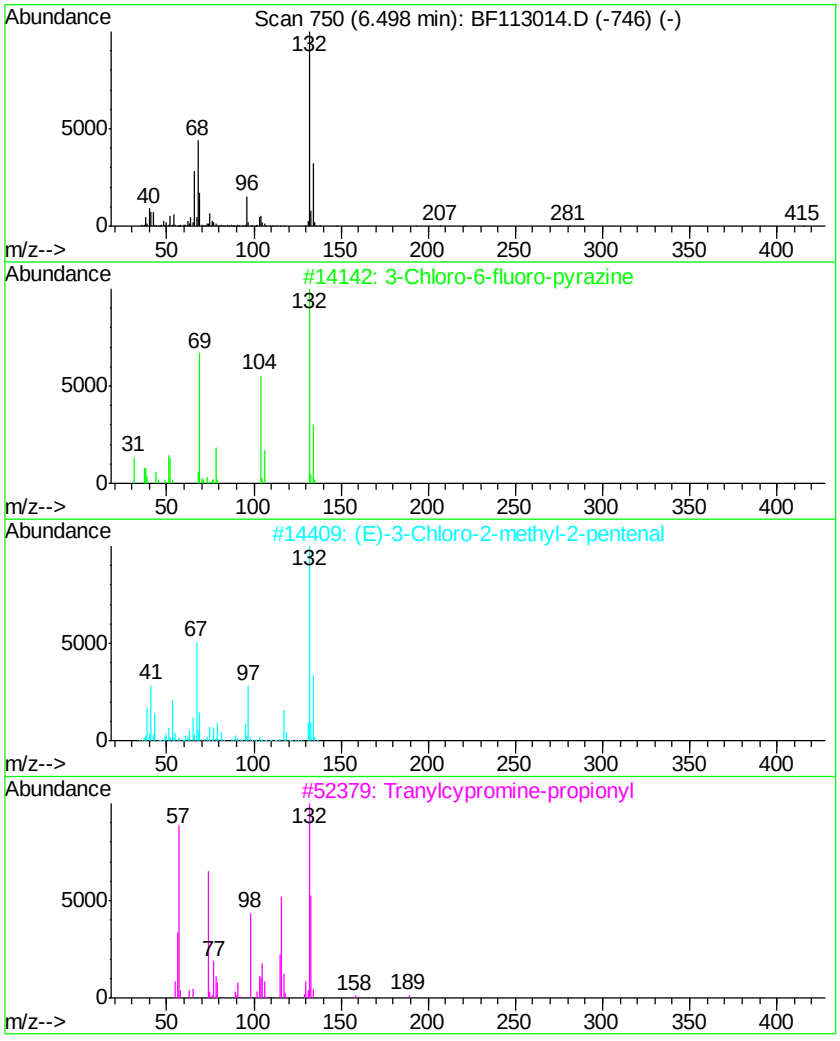
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

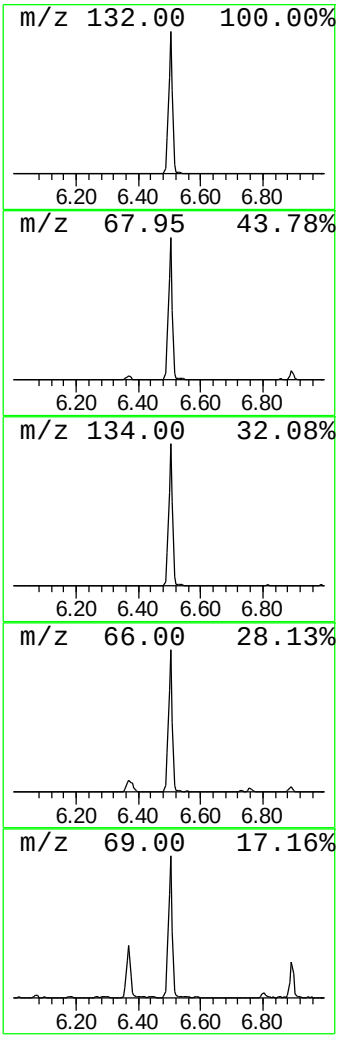
****

Peak Number 5 unknown6.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	71.95 ng	3726860	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

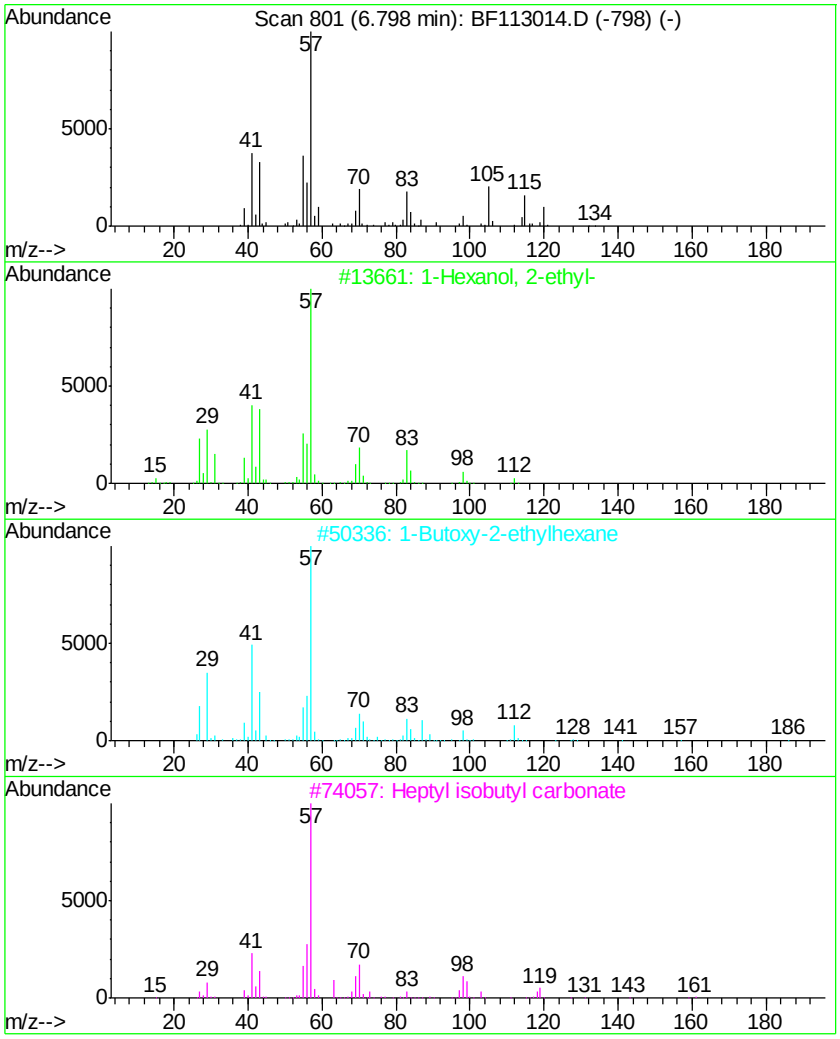
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

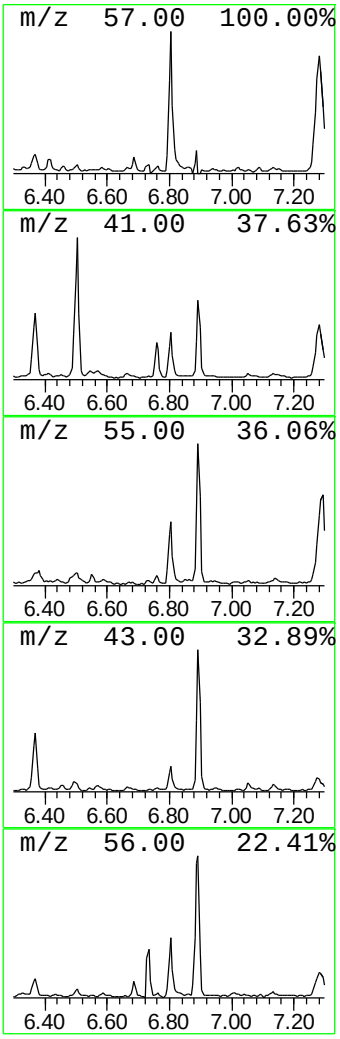
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	4.77 ng	247016	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	45
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

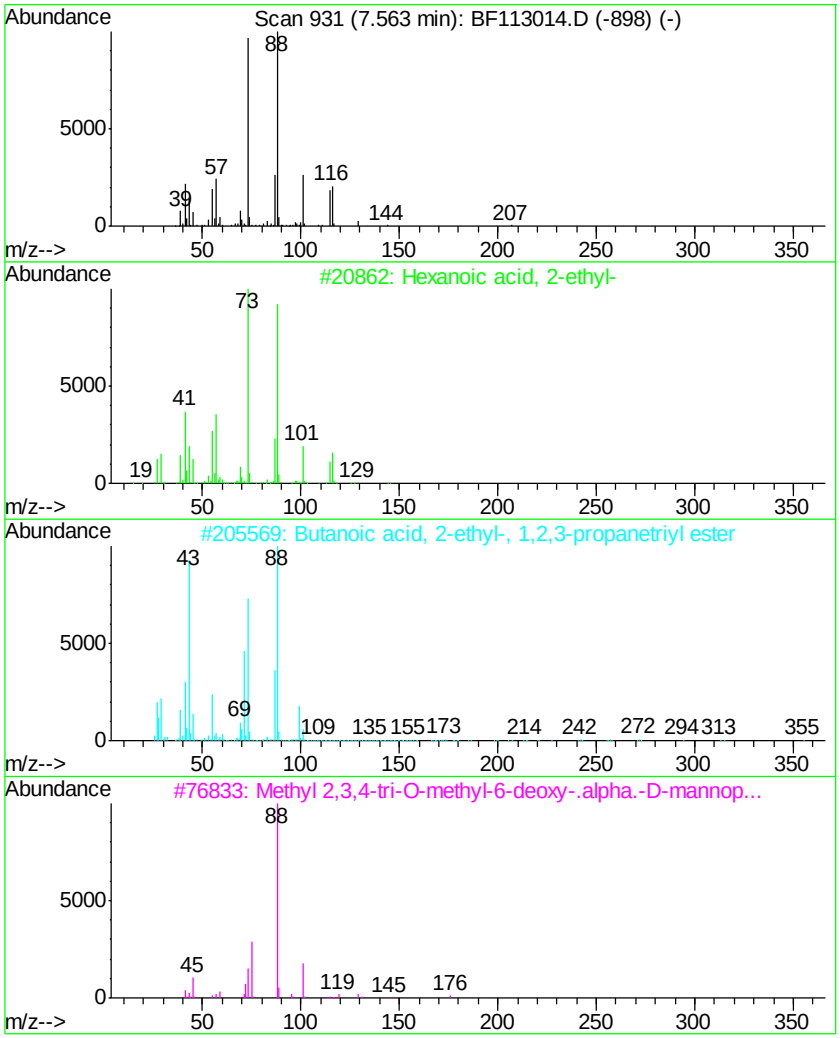
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

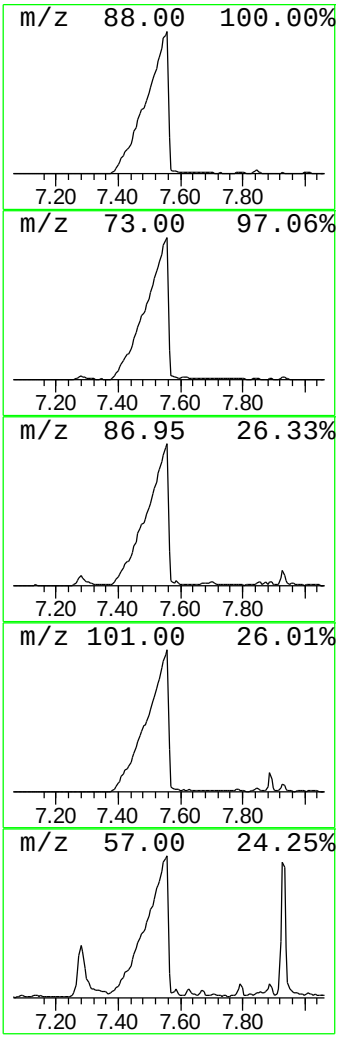
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	155.66 ng	9477320	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	53
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

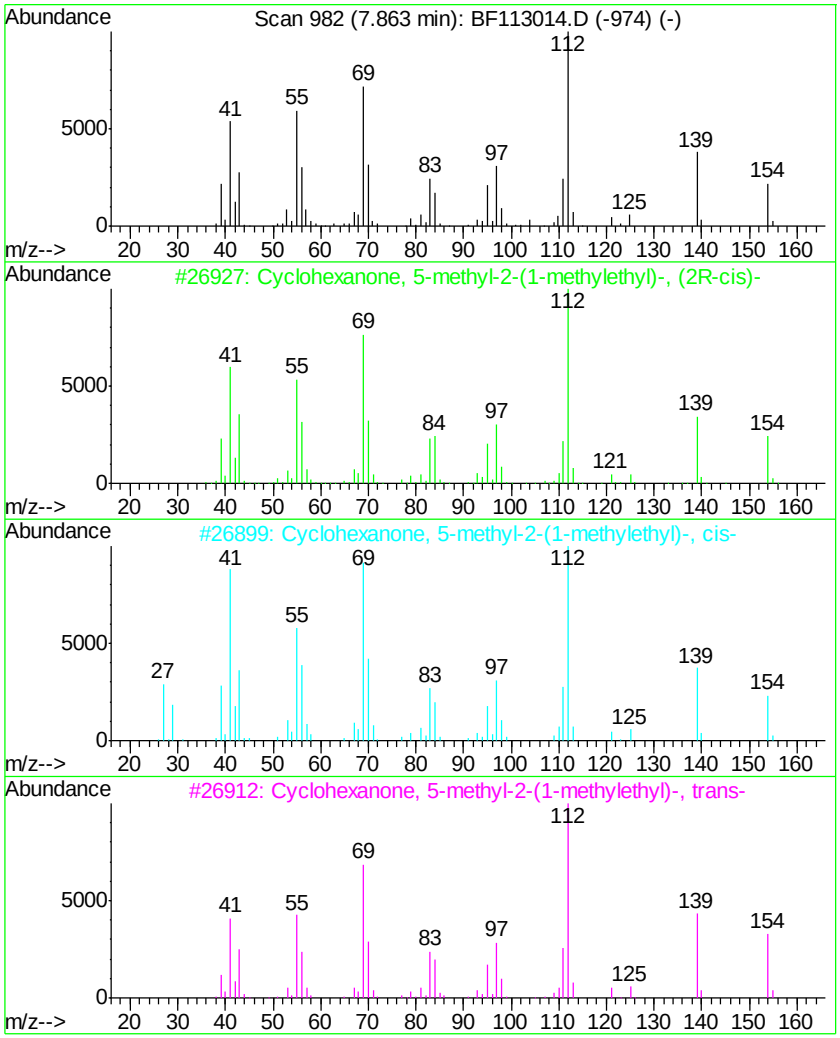
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

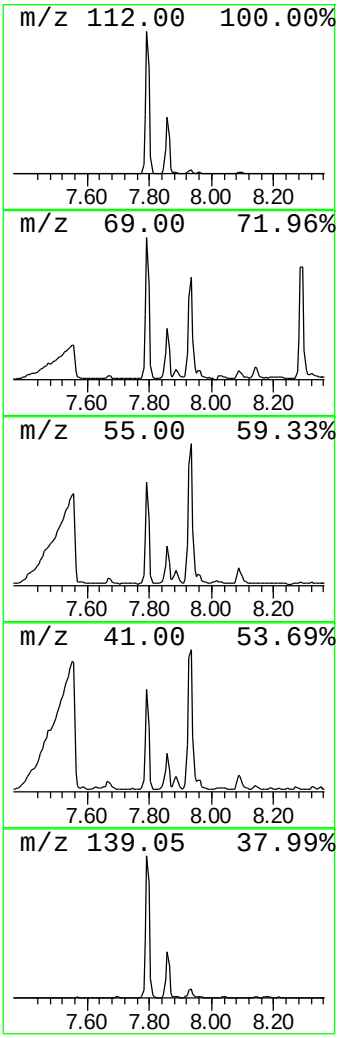
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexanone, 5-methyl-2-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	7.35 ng	447437	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	001196-31-2	98
2	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	98
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000089-80-5	97
4	l-Menthone	154	C10H18O	014073-97-3	96
5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	93





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Sample : K1844-02
Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-1-4

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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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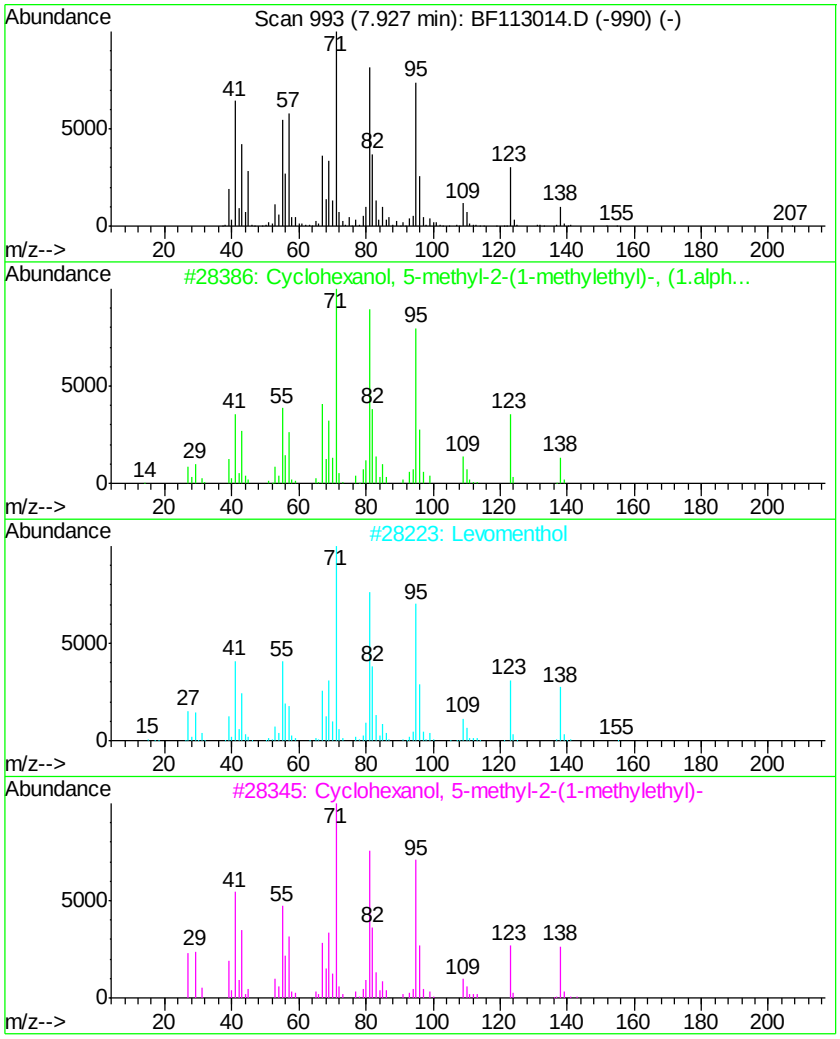
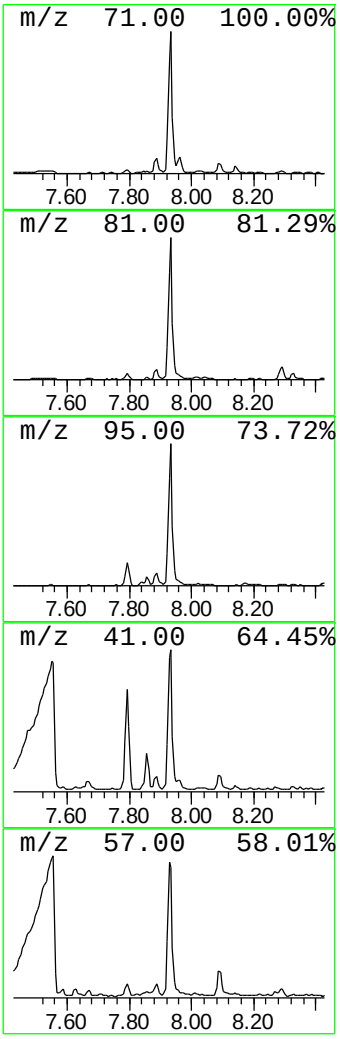
Peak Number 9 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	42.47 ng	2585690	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Levomenthol	156	C10H20O	002216-51-5	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
4	dl-Menthol	156	C10H20O	000089-78-1	91
5	d-Menthol	156	C10H20O	015356-60-2	90





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ClientSampleId : DRUM-1-4

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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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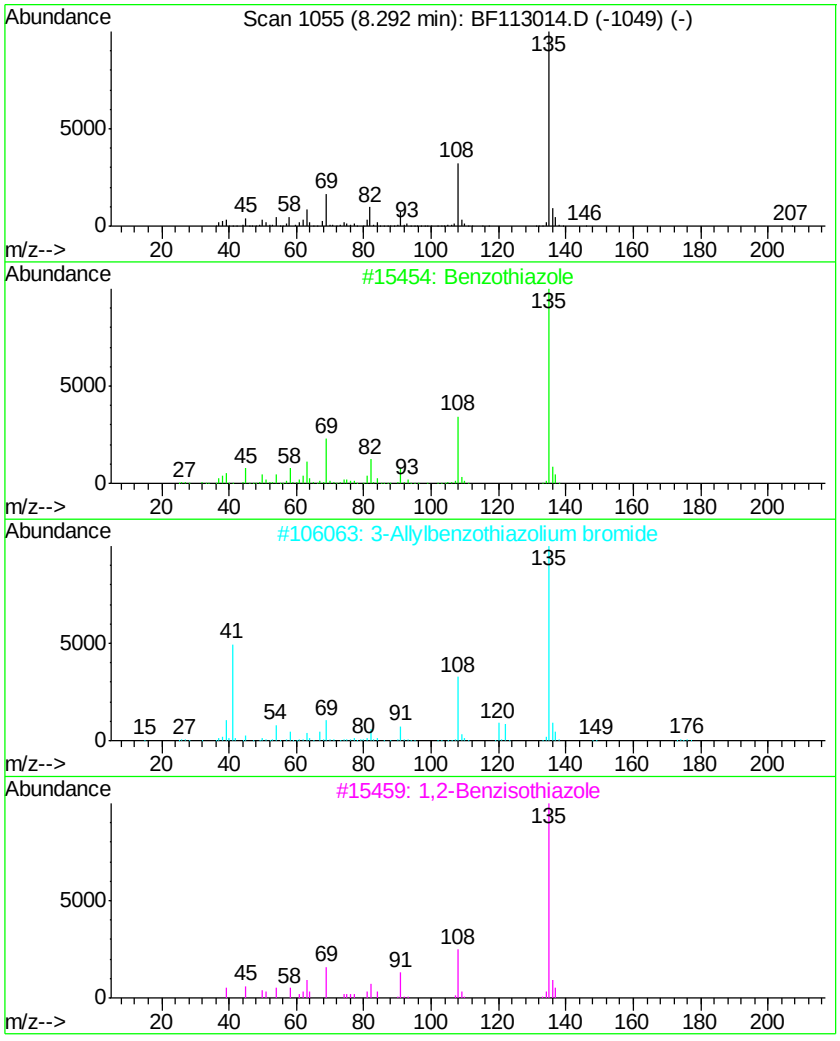
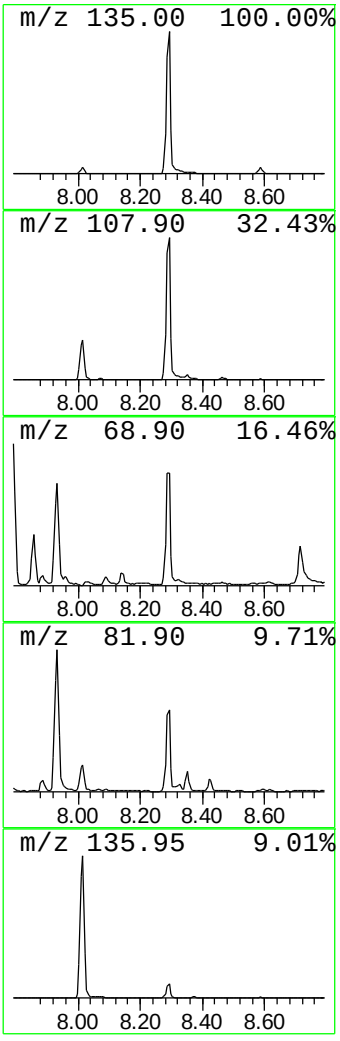
Peak Number 10 Benzothiazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	28.36 ng	1726560	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	90
3	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64
5	Adenine	135	C5H5N5	000073-24-5	59





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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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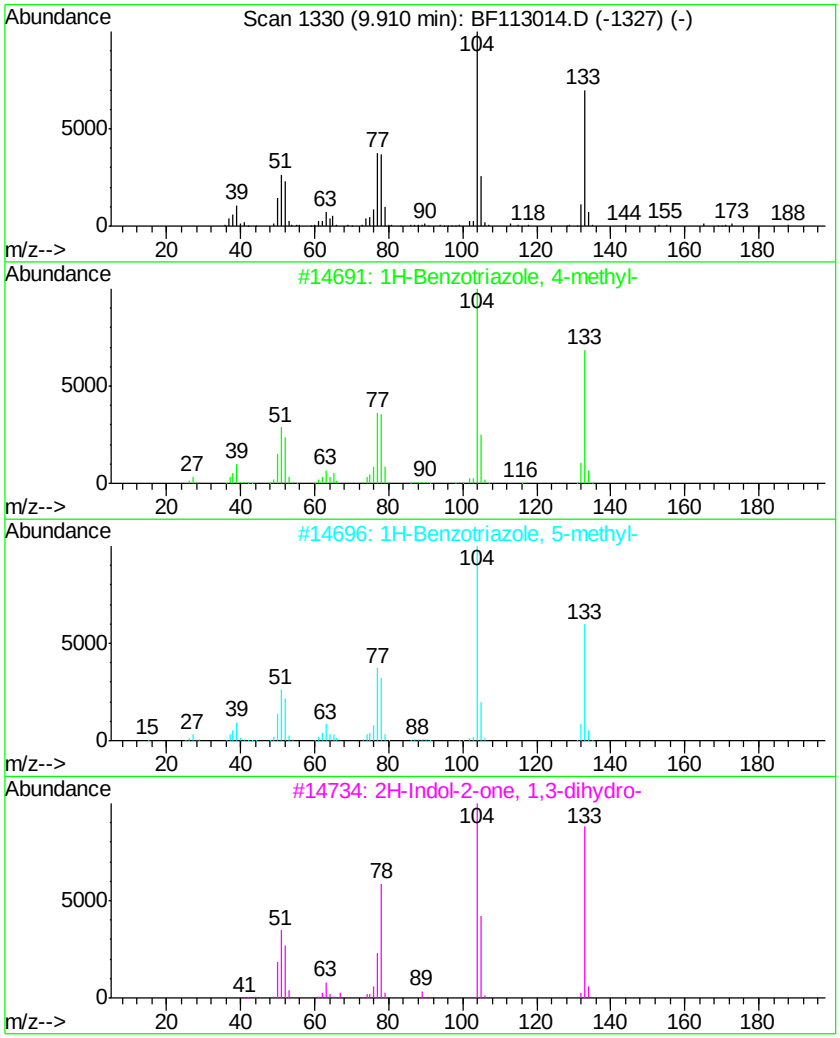
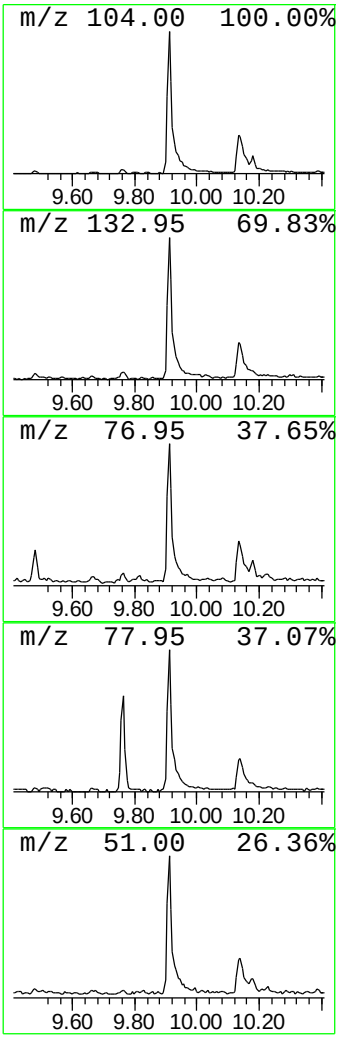
Peak Number 11 1H-Benzotriazole, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.96 ng	317654	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	95
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	94
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	68
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	62
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	53





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ClientSampleId : DRUM-1-4

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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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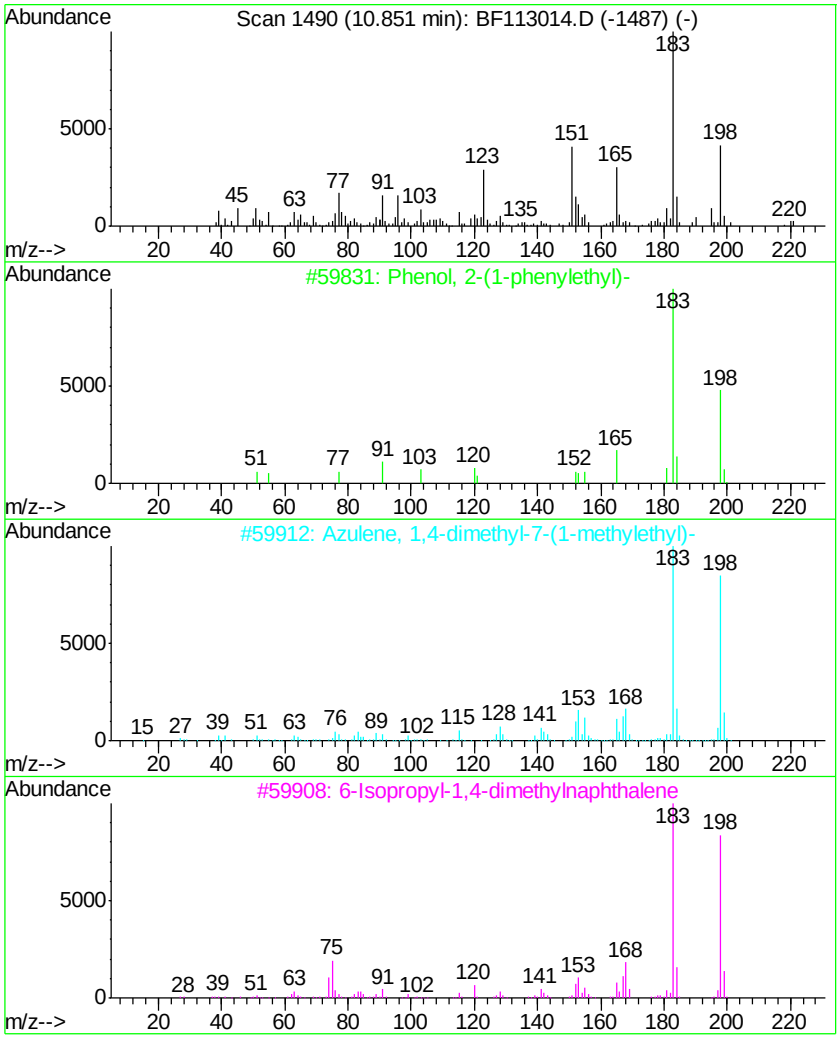
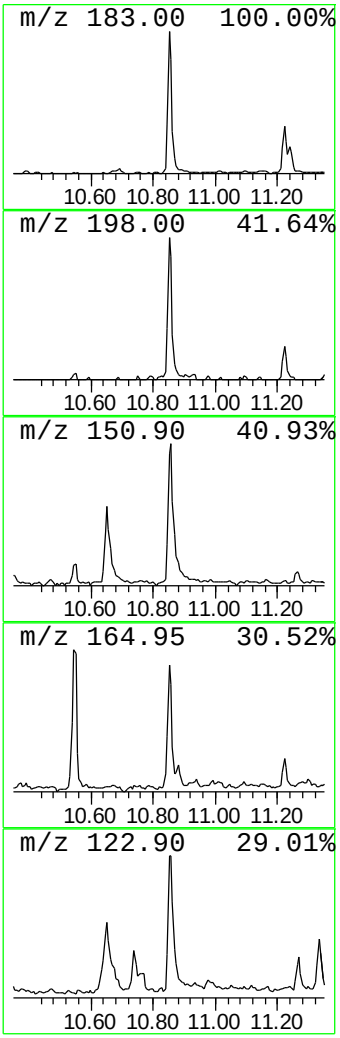
Peak Number 12 Phenol, 2-(1-phenylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.88 ng	363281	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	90
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	78
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	53
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	53
5	Phloroglucinol, trimethylsilyl e...	198	C9H14O3Si	1000352-46-3	45





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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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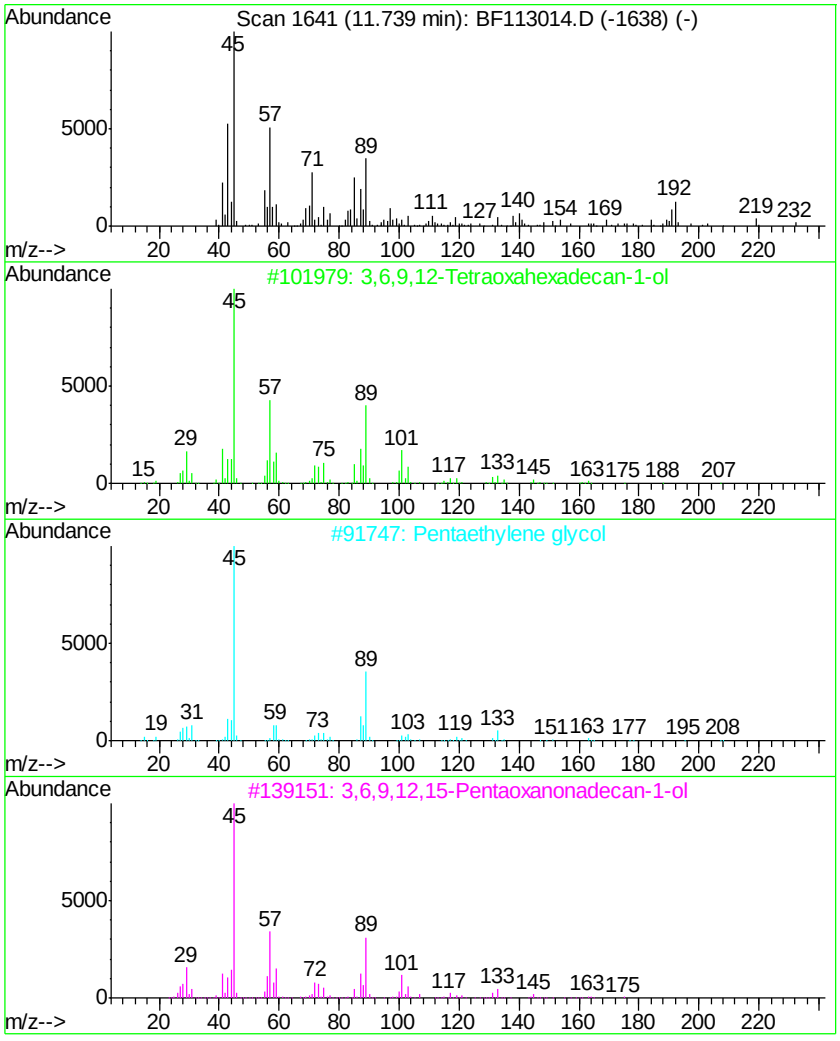
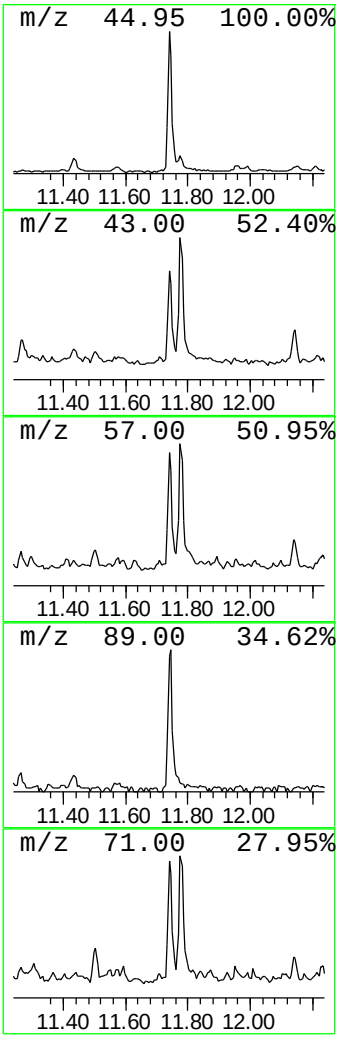
Peak Number 13 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.92 ng	365621	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	58
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	52
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	52
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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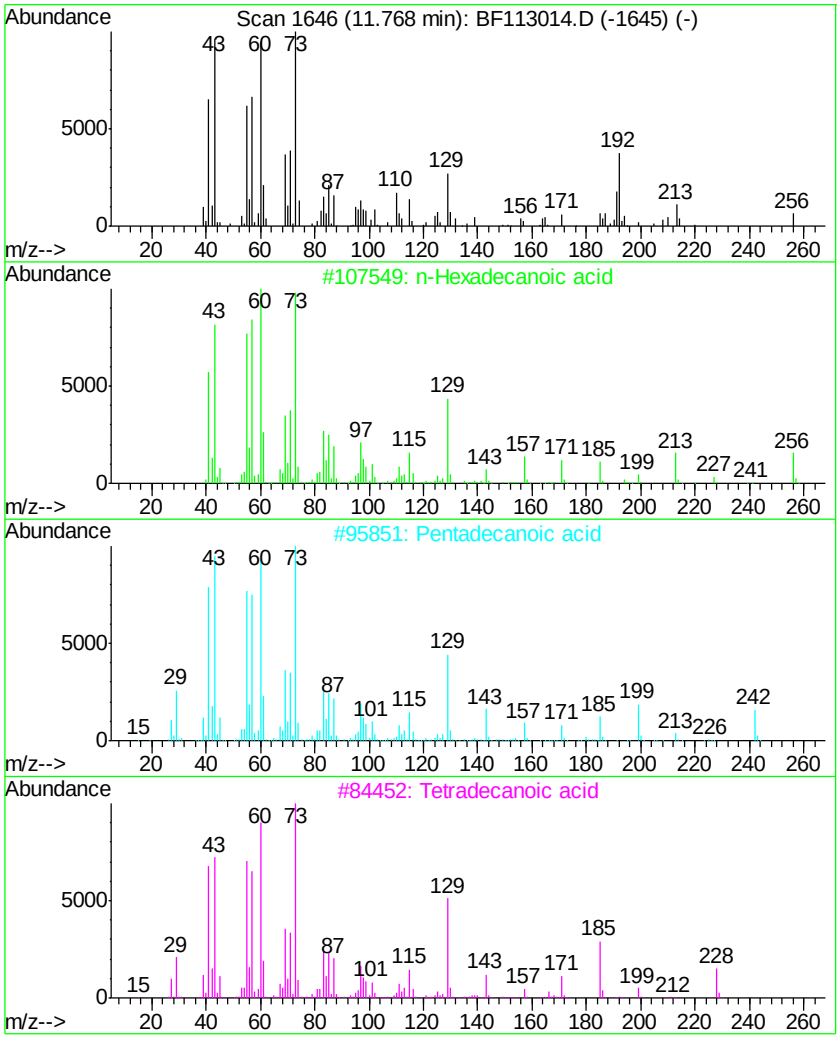
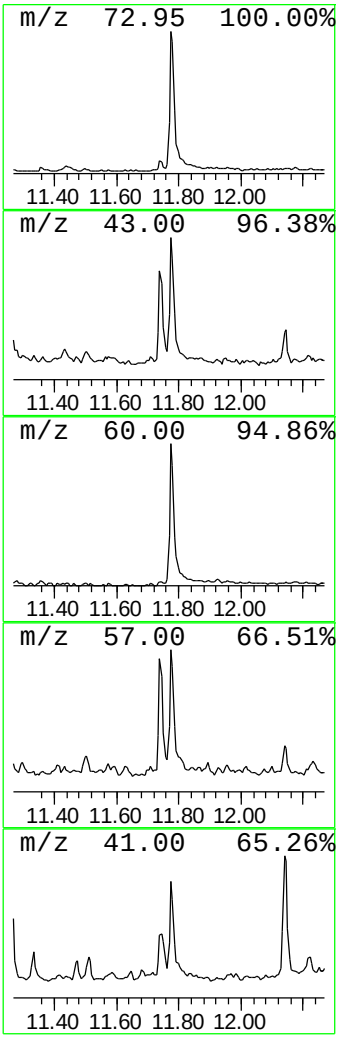
Peak Number 14 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.94 ng	366883	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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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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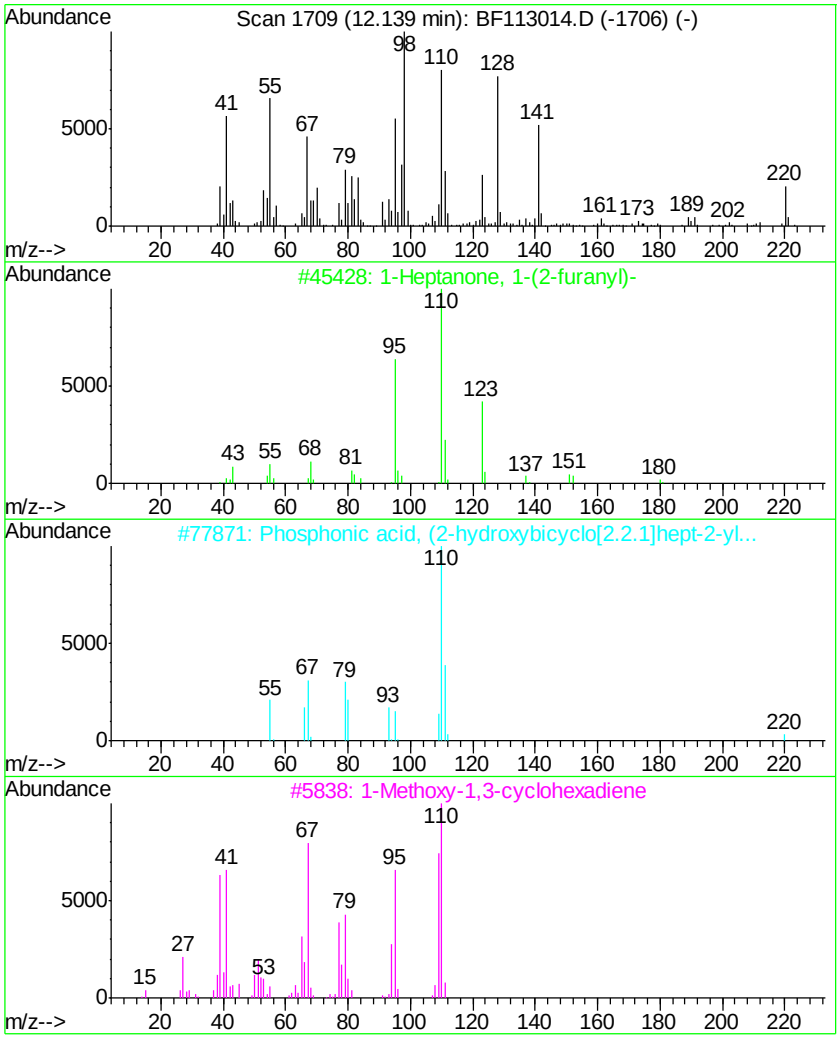
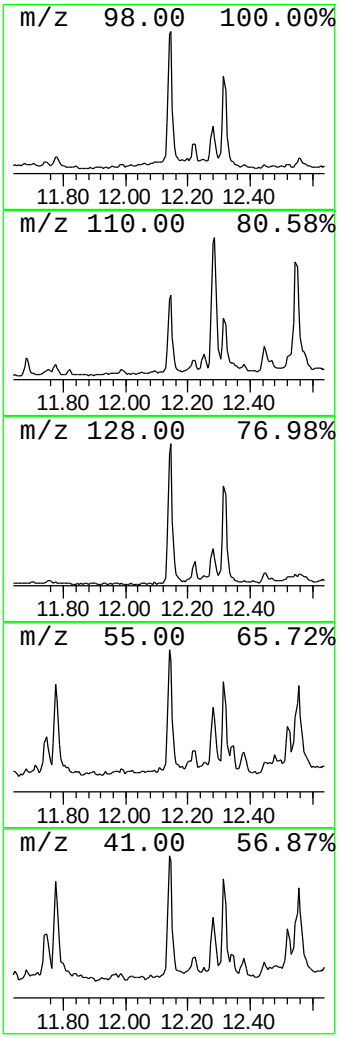
Peak Number 15 unknown12.14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	8.30 ng	512887	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanone, 1-(2-furanyl)-	180	C11H16O2	005466-40-0	30
2	Phosphonic acid, (2-hydroxybicyc...	220	C9H17O4P	027109-26-8	25
3	1-Methoxy-1,3-cyclohexadiene	110	C7H10O	002161-90-2	22
4	2-Cyclohexen-1-one, 5,5-dimethyl...	166	C11H18O	028017-79-0	22
5	6-Hydroxymethyl-5-methyl-bicyclo...	140	C8H12O2	1000187-36-8	20





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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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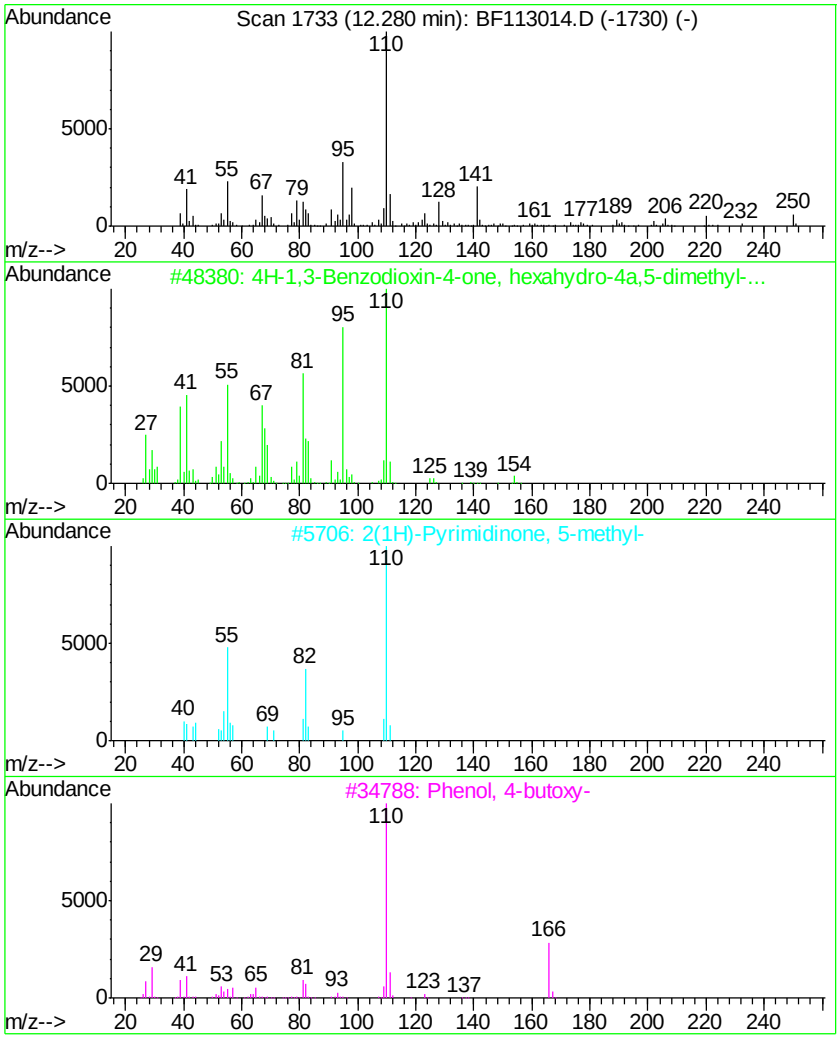
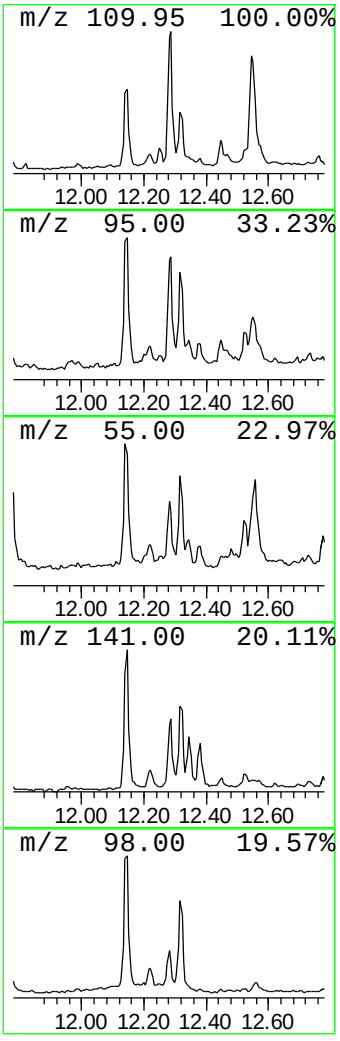
Peak Number 16 4H-1,3-Benzodioxin-4-one, h... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.35 ng	330892	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin-4-one, hexahy...	184	C10H16O3	124899-17-8	50
2	2(1H)-Pyrimidinone, 5-methyl-	110	C5H6N2O	041398-85-0	43
3	Phenol, 4-butoxy-	166	C10H14O2	000122-94-1	43
4	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	006994-95-2	40
5	3,7,7-Trimethyl-8-(2-methyl-prop...	204	C15H24	1000192-43-3	38





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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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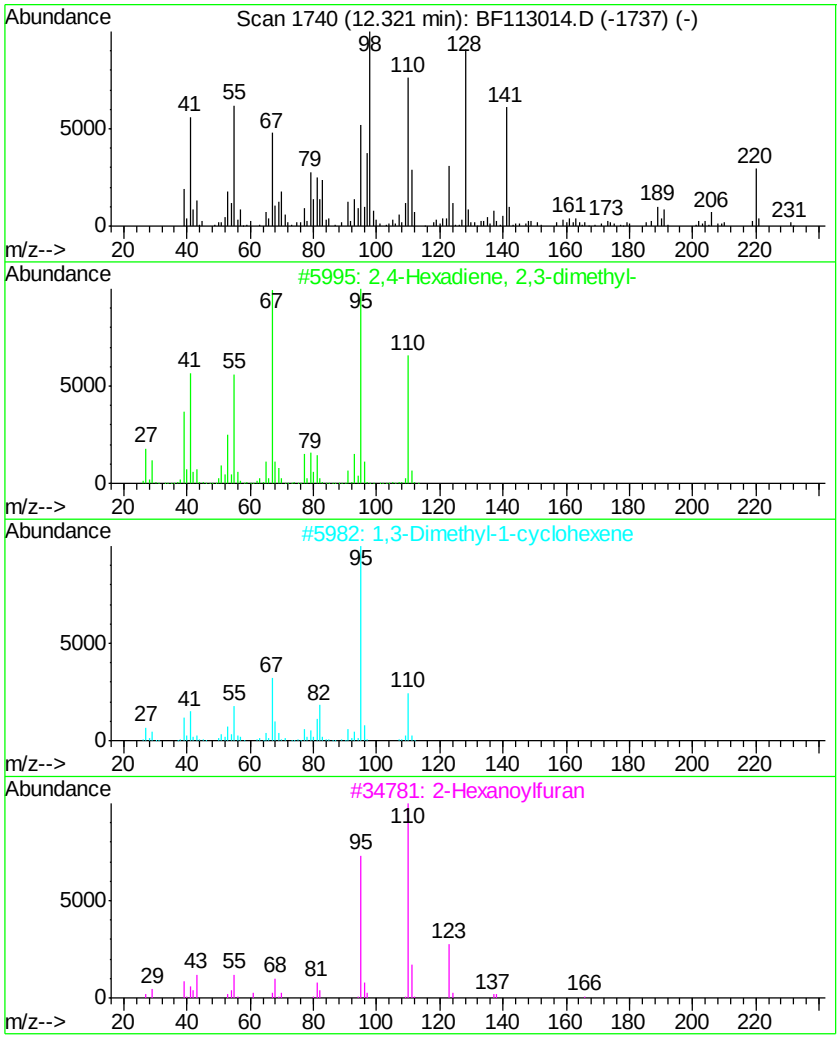
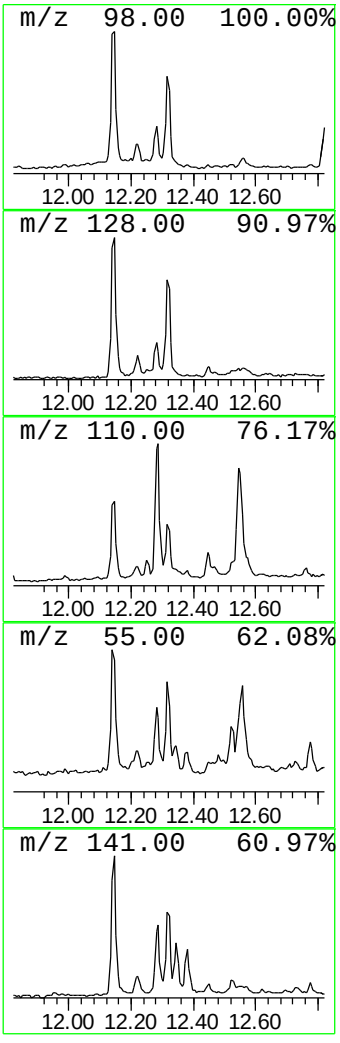
Peak Number 17 unknown12.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.09 ng	314619	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	25
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	22
3	2-Hexanoylfuran	166	C10H14O2	014360-50-0	22
4	1,1'-Bicyclohexyl-2,2'-diol	198	C12H22O2	017385-36-3	14
5	6-Hydroxymethyl-5-methyl-bicyclo...	140	C8H12O2	1000187-36-8	14





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TIC Library : C:\DATABASE\NIST11.L
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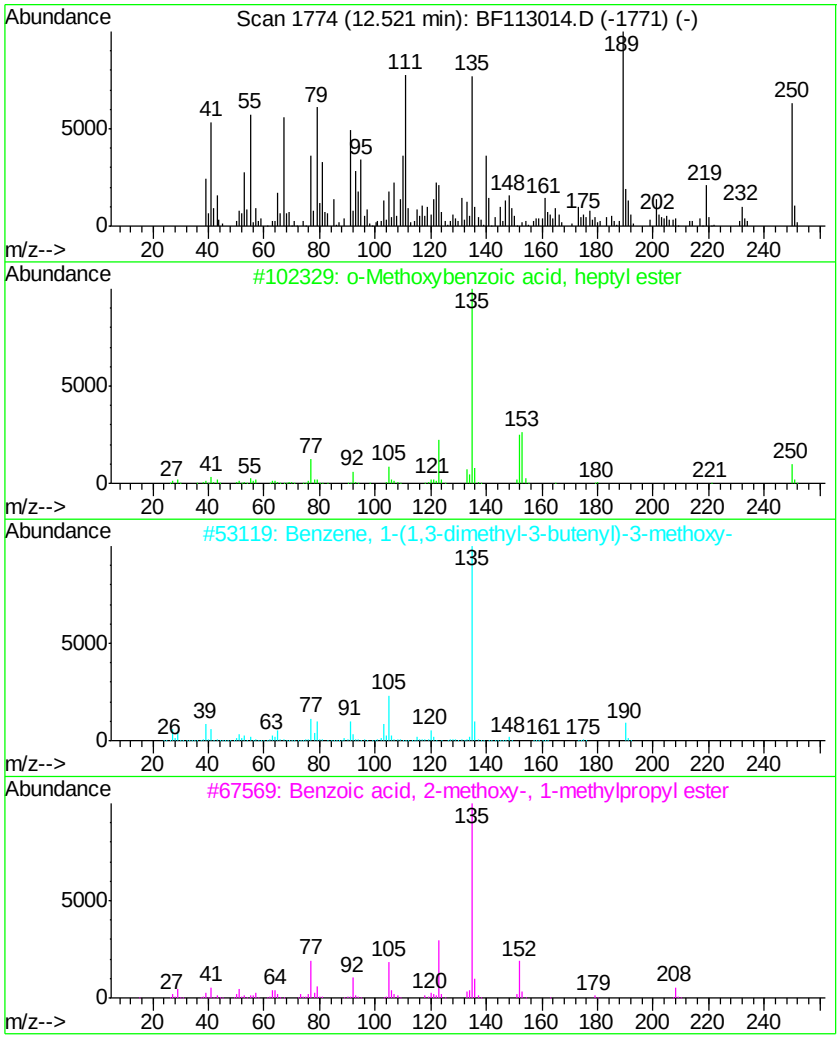
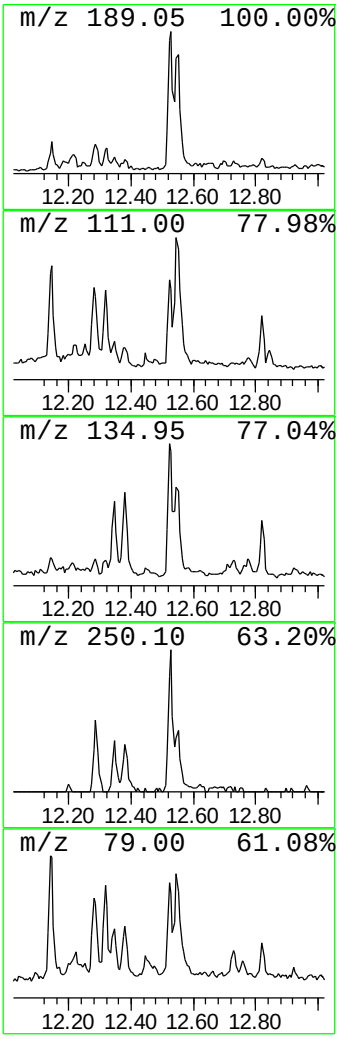
Peak Number 18 unknown12.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.16 ng	257127	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Methoxybenzoic acid, heptyl ester	250	C15H22O3	1000292-29-9	30
2	Benzene, 1-(1,3-dimethyl-3-buten...	190	C13H18O	074672-09-6	25
3	Benzoic acid, 2-methoxy-, 1-meth...	208	C12H16O3	1000375-39-6	25
4	2-Methoxybenzoic acid, allyl ester	192	C11H12O3	031994-79-3	25
5	Benzoic acid, 2-methoxy-, butyl ...	208	C12H16O3	1000374-51-2	15





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TIC Library : C:\DATABASE\NIST11.L
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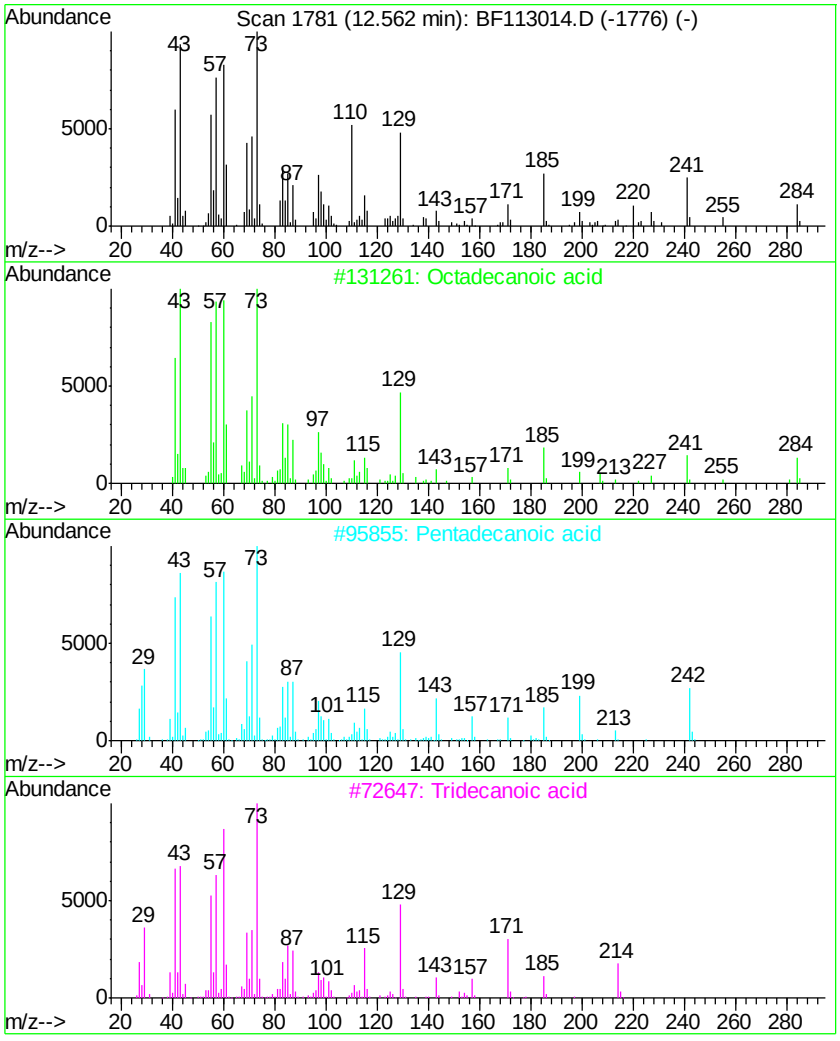
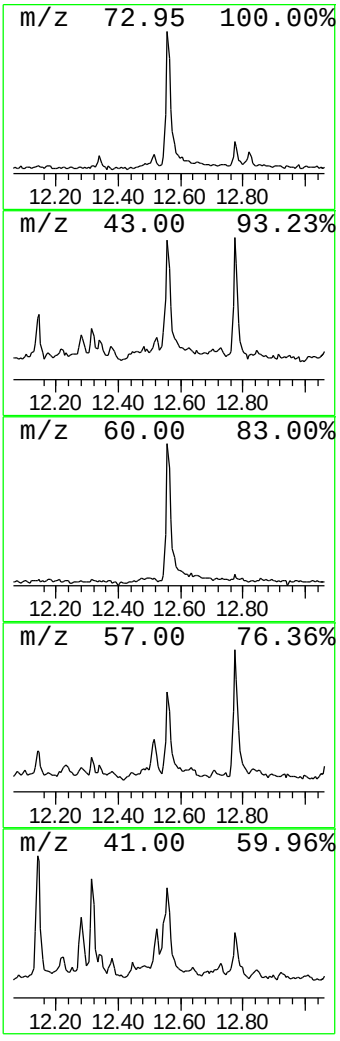
Peak Number 19 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.74 ng	619326	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	45
4	n-Decanoic acid	172	C10H20O2	000334-48-5	42
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

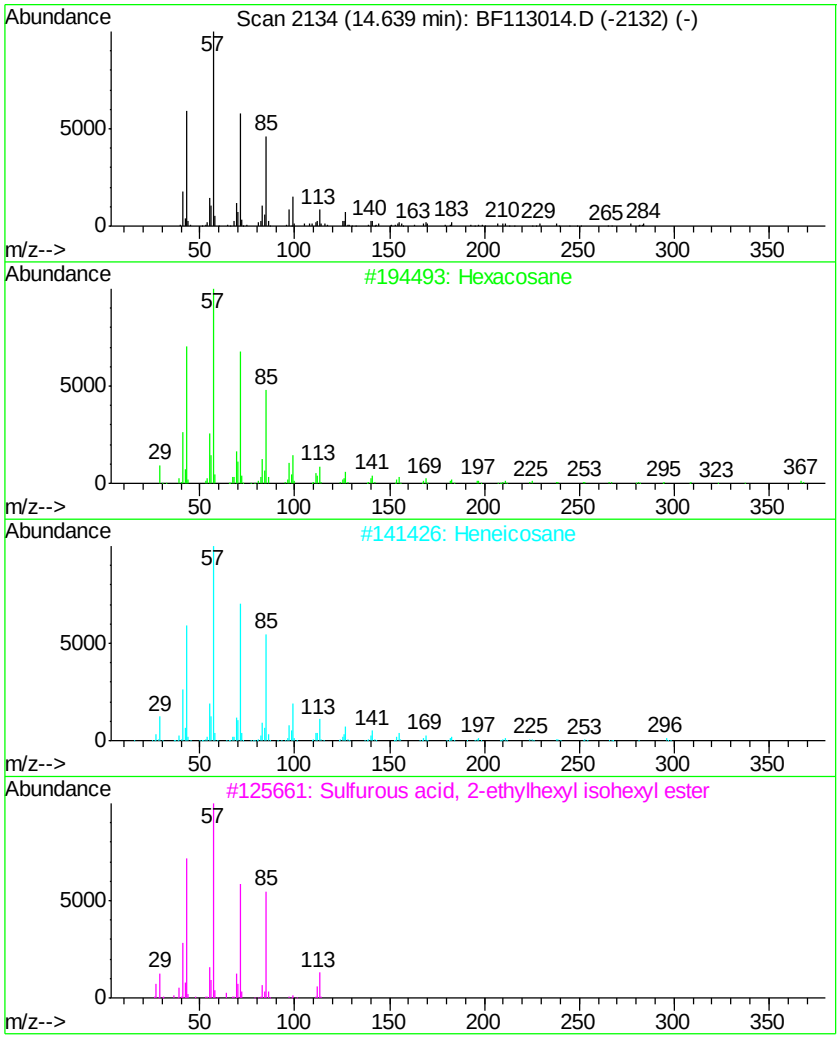
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

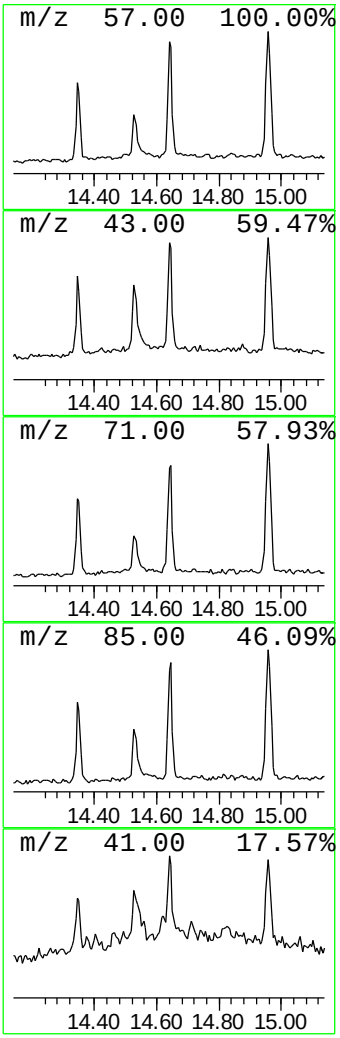
****

Peak Number 20 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.05 ng	188800	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72
5	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113014.D
Acq On : 12 Mar 2019 20:32
Operator : JU/SJ
Sample : K1844-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Dioxolane, 2,...	2.15	4.7	ng	240991	1	6.73	1035980	20.0
Ethanol, 2-butoxy-	5.71	138.7	ng	7182800	1	6.73	1035980	20.0
unknown6.50	6.50	72.0	ng	3726860	1	6.73	1035980	20.0
1-Hexanol, 2-ethyl-	6.80	4.8	ng	247016	1	6.73	1035980	20.0
Hexanoic acid, 2-...	7.56	155.7	ng	9477320	2	8.02	1217720	20.0
Cyclohexanone, 5-...	7.86	7.3	ng	447437	2	8.02	1217720	20.0
Cyclohexanol, 5-m...	7.93	42.5	ng	2585690	2	8.02	1217720	20.0
Benzothiazole	8.29	28.4	ng	1726560	2	8.02	1217720	20.0
1H-Benzotriazole,...	9.91	4.0	ng	317654	3	9.76	1604240	20.0
Phenol, 2-(1-phen...	10.85	5.9	ng	363281	4	11.24	1236070	20.0
3,6,9,12-Tetraoxa...	11.74	5.9	ng	365621	4	11.24	1236070	20.0
n-Hexadecanoic acid	11.77	5.9	ng	366883	4	11.24	1236070	20.0
unknown12.14	12.14	8.3	ng	512887	4	11.24	1236070	20.0
4H-1,3-Benzodioxi...	12.28	5.3	ng	330892	4	11.24	1236070	20.0
unknown12.32	12.32	5.1	ng	314619	4	11.24	1236070	20.0
unknown12.52	12.52	4.2	ng	257127	4	11.24	1236070	20.0
Octadecanoic acid	12.56	8.7	ng	619326	5	13.86	1416930	20.0
Hexacosane	14.64	4.0	ng	188800	6	15.27	931337	20.0