LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

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-BF123115.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	2.167	5	7	22	rVB2	116145	302249	3.46%	0.283%
2	3.756	143	146	151	rBV	335928	590414	6.77%	0.554%
3	3.870	153	156	158	rVV	96763	132106	1.51%	0.124%
4	3.916	158	160	165	rVB	72208	105199	1.21%	0.099%
5	5.082	260	262	267	rVV	774234	1026413	11.76%	0.962%
6	5.162	267	269	272	rVB	523167	489599	5.61%	0.459%
7	5.504	296	299	301	rVB	4078756	4511928	51.71%	4.230%
8	6.247	362	364	367	rVB	91737	96821	1.11%	0.091%
9	6.522	386	388	391	rVB	2070216	2734558	31.34%	2.564%
10	6.659	398	400	402	rVV	6625027	6631294	75.99%	6.217%
11	6.739	404	407	412	rVB	137218	214317	2.46%	0.201%
12	6.819	412	414	418	rBV3	67061	153536	1.76%	0.144%
13	6.887	418	420	424	rBV	2101464	1965072	22.52%	1.842%
14	6.956	424	426	428	rBV2	144679	152088	1.74%	0.143%
15	7.002	428	430	432	rBV2	48615	99709	1.14%	0.093%
16	7.047	432	434	436	rVB	7297670	6569810	75.29%	6.159%
17	7.230	447	450	452	rBV3	56986	93608	1.07%	0.088%
18	7.459	462	470	472	rBV	5681490	6407322	73.43%	6.007%
19	7.710	490	492	493	rBV2	48334	90618	1.04%	0.085%
20	7.813	497	501	502	rBV	5215518	8599758	98.55%	8.063%
21	7.836	502	503	508	rVB	6829580	5571231	63.84%	5.223%
22	7.928	508	511	513	rBV	2180747	2554462	29.27%	2.395%
23	8.042	518	521	522	rBV2	49823	95081	1.09%	0.089%
24	8.088	522	525	528	rVV2	84163	161680	1.85%	0.152%
25	8.179	528	533	535	rVB	2519595	2533914	29.04%	2.376%
26	8.293	541	543	545	rBV2	98761	141325	1.62%	0.132%
27	8.350	545	548	552	rVV5	100242	269685	3.09%	0.253%
28	8.419	552	554	556	rVV2	195183	264890	3.04%	0.248%
29	8.499	559	561	563	rBV	192425	254251	2.91%	0.238%
30	8.556	563	566	567	rVV2	64099	108399	1.24%	0.102%
31	8.590	567	569	573	rVV2	97270	224009	2.57%	0.210%
32	8.705	576	579	581	rVV3	69751	121439	1.39%	0.114%
33	8.750	581	583	585	rVV2	154157	200705	2.30%	0.188%
34	8.785	585	586	588	rVV2	303334	368826	4.23%	0.346%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.899	591	596	597	rVV4	107716	290001	3.32%	0.272%
36	8.922	597	598	599	rVV	146466	127800	1.46%	0.120%
37	8.968	599	602	604	rVV	544256	650130	7.45%	0.610%
38	9.036	604	608	610	rVB3	92923	218531	2.50%	0.205%
39	9.253	624	627	629	rVB	7499800	8726225	100.00%	8.181%
40	9.322	629	633	634	rBV2	98940	236634	2.71%	0.222%
41	9.356	634	636	639	rVB4	85385	141970	1.63%	0.133%
42	9.425	639	642	643	rBV3	57758	111659	1.28%	0.105%
43	9.562	651	654	655	rBV2	80680	137131	1.57%	0.129%
44	9.596	655	657	661	rVV	1154938	1915262	21.95%	1.796%
45	9.699	664	666	667	rVV	186998	292913	3.36%	0.275%
46	9.745	667	670	672	rVV2	964304	1719603	19.71%	1.612%
47	9.779	672	673	676	rVB3	111452	189948	2.18%	0.178%
48	9.928	684	686	688	rVV	1913251	2268898	26.00%	2.127%
49	9.962	688	689	691	rVB	365205	282626	3.24%	0.265%
50	10.088	698	700	703	rBV2	101943	155402	1.78%	0.146%
51	10.225	708	712	715	rBV6	240917	548139	6.28%	0.514%
52	10.362	720	724	726	rVB3	147701	288729	3.31%	0.271%
53	10.454	726	732	734	rBV	275898	509571	5.84%	0.478%
54	10.488	734	735	737	rVB	122916	100536	1.15%	0.094%
55	10.591	742	744	745	rBV	158089	151979	1.74%	0.142%
56	10.728	751	756	758	rBV2	4483495	6112182	70.04%	5.730%
57	10.785	758	761	763	rVV	518613	511555	5.86%	0.480%
58	10.831	763	765	766	rVV	114243	160765	1.84%	0.151%
59	10.854	766	767	769	rVV	732064	729981	8.37%	0.684%
60	10.911	769	772	773	rVV	1362260	1447537	16.59%	1.357%
61	10.945	773	775	776	rVV	1686085	1985926	22.76%	1.862%
62	10.979	776	778	781	rVV2	1467077	2601602	29.81%	2.439%
63	11.059	781	785	786	rVV2	663314	1656031	18.98%	1.553%
64	11.082	786	787	789	rVV2	1410526	1779579	20.39%	1.668%
65	11.128	789	791	793	rVV	1328374	1854788	21.26%	1.739%
66	11.162	793	794	796	rVB	867269	833271	9.55%	0.781%
67	11.276	802	804	805	rBV2	119737	217640	2.49%	0.204%
68	11.311	805	807	809	rVB	180840	211923	2.43%	0.199%
69	11.414	814	816	818	rVV	2237926	2086532	23.91%	1.956%
70	11.494	818	823	825	rVB3	125295	155245	1.78%	0.146%
71	11.631	833	835	838	rBV	421661	433229	4.96%	0.406%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.688	838	840	842	rVV2	89700	132811	1.52%	0.125%
73	11.779	846	848	852	rVB5	77919	156524	1.79%	0.147%
74	11.962	862	864	868	rBV4	64161	139816	1.60%	0.131%
75	12.088	873	875	880	rVV3	63515	94949	1.09%	0.089%
76	12.785	934	936	939	rBV	286656	290403	3.33%	0.272%
77	12.899	944	946	948	rVV	373507	484813	5.56%	0.455%
78	13.002	952	955	958	rBV	5798208	6582566	75.43%	6.171%
79	13.791	1022	1024	1026	rBV	123410	127333	1.46%	0.119%
80	13.905	1032	1034	1038	rBV	124425	143267	1.64%	0.134%
81	14.054	1044	1047	1049	rBV	1538909	1480380	16.96%	1.388%
82	15.494	1170	1173	1176	rBV	1058399	1350990	15.48%	1.267%

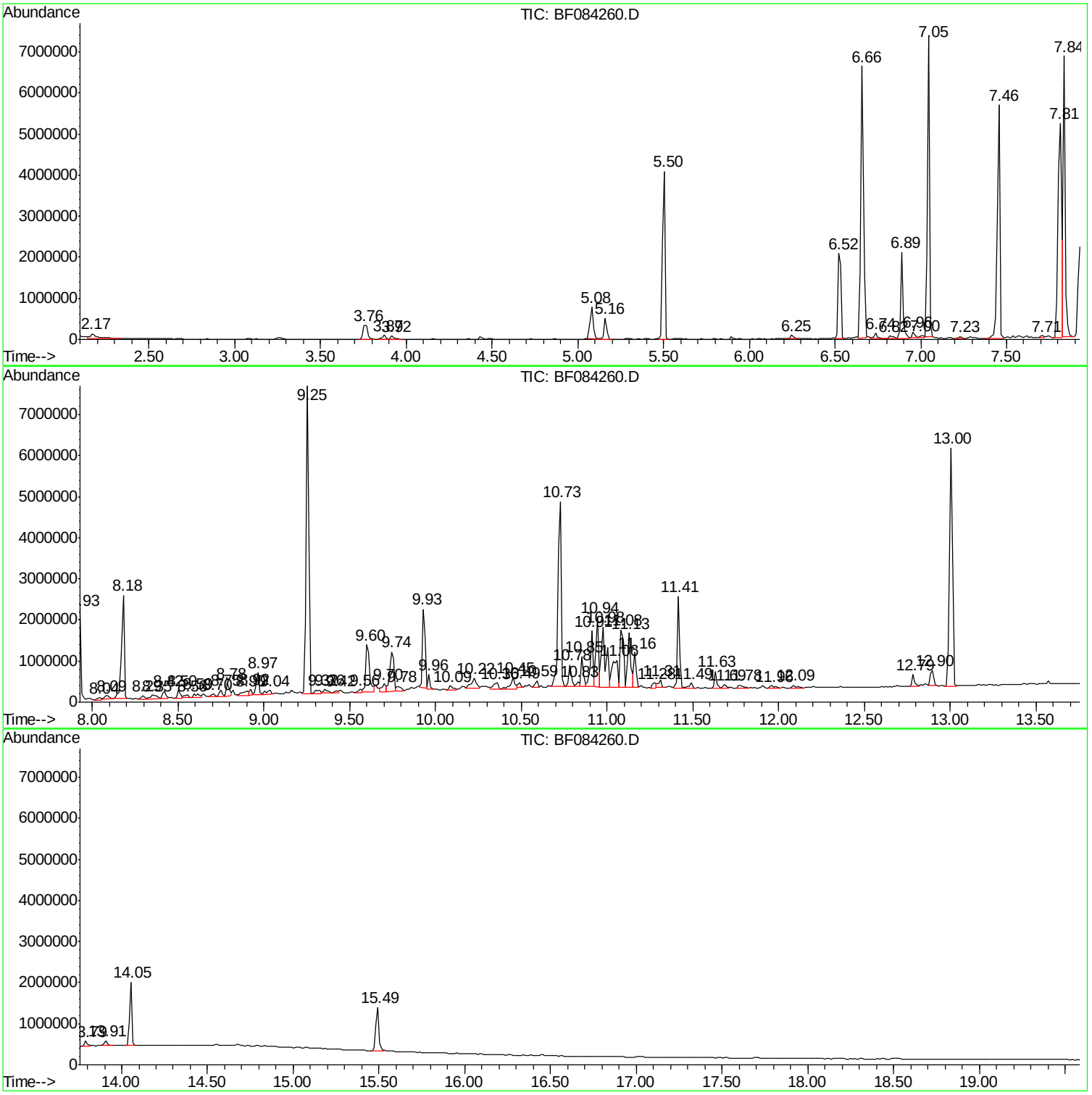
Sum of corrected areas: 106661641

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

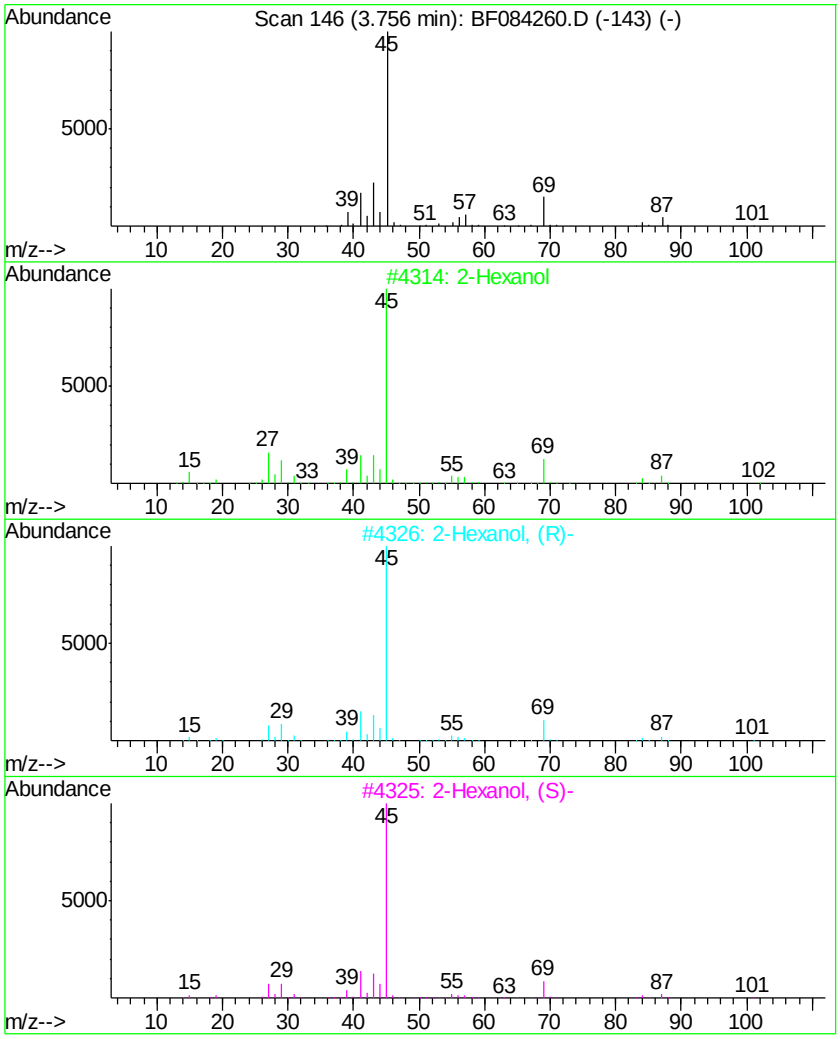
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

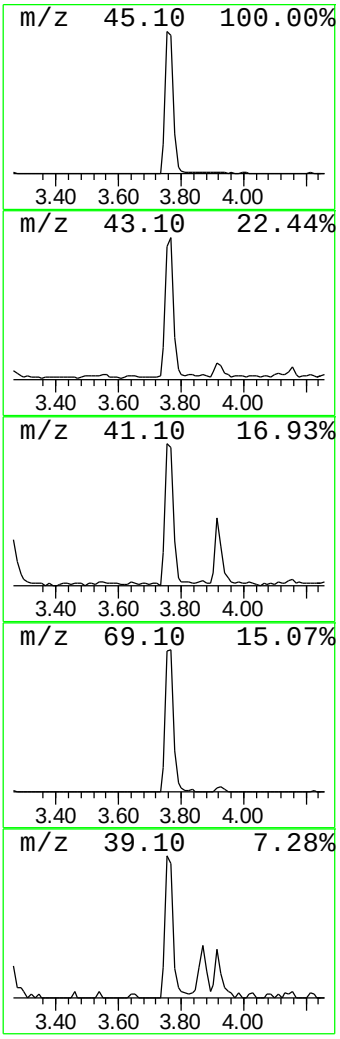
****

Peak Number 1 2-Hexanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	6.01 ng	590414	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	56
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

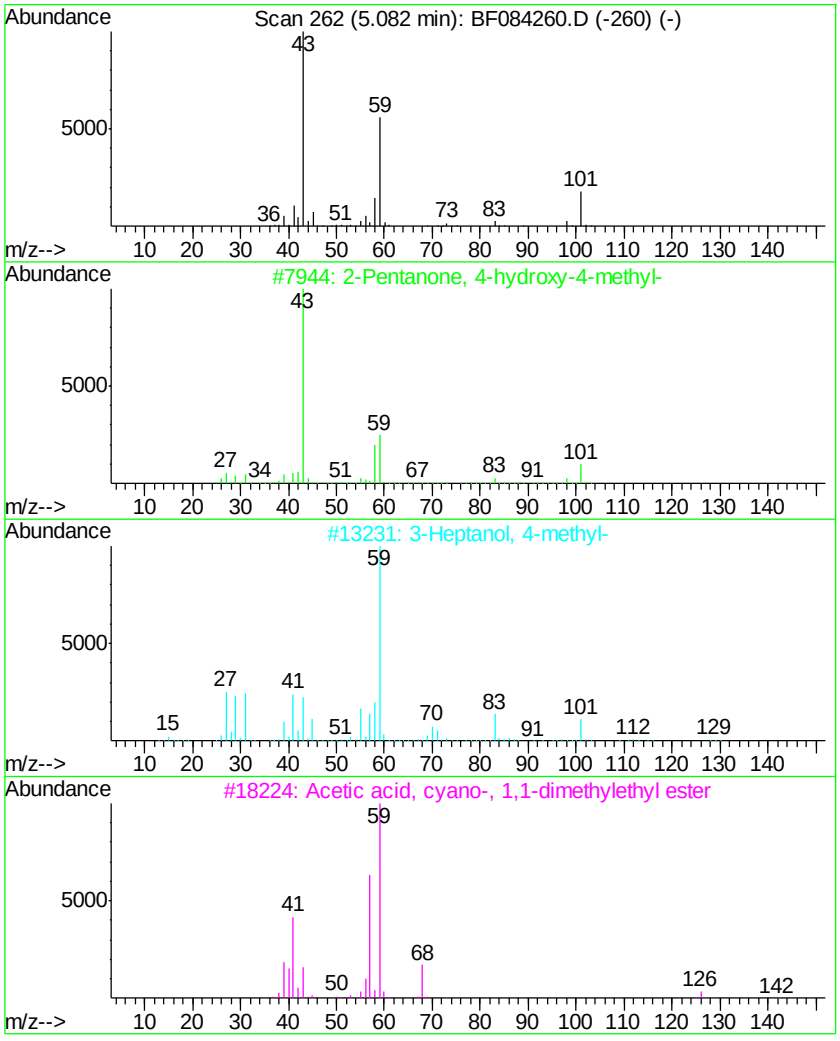
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

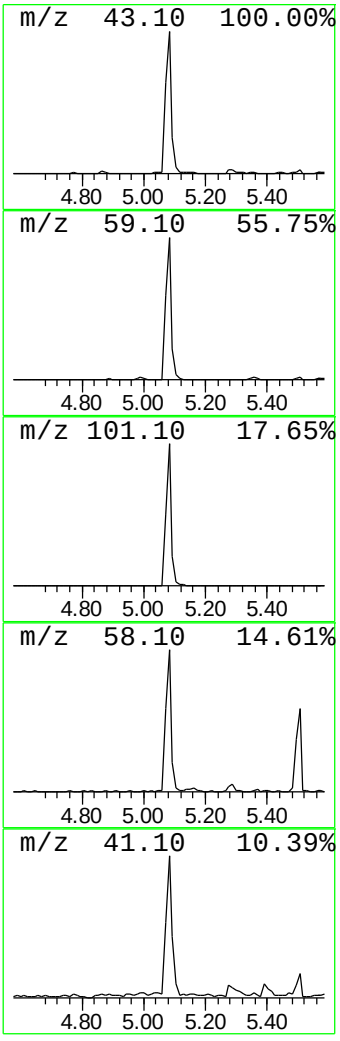
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	10.45 ng	1026410	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

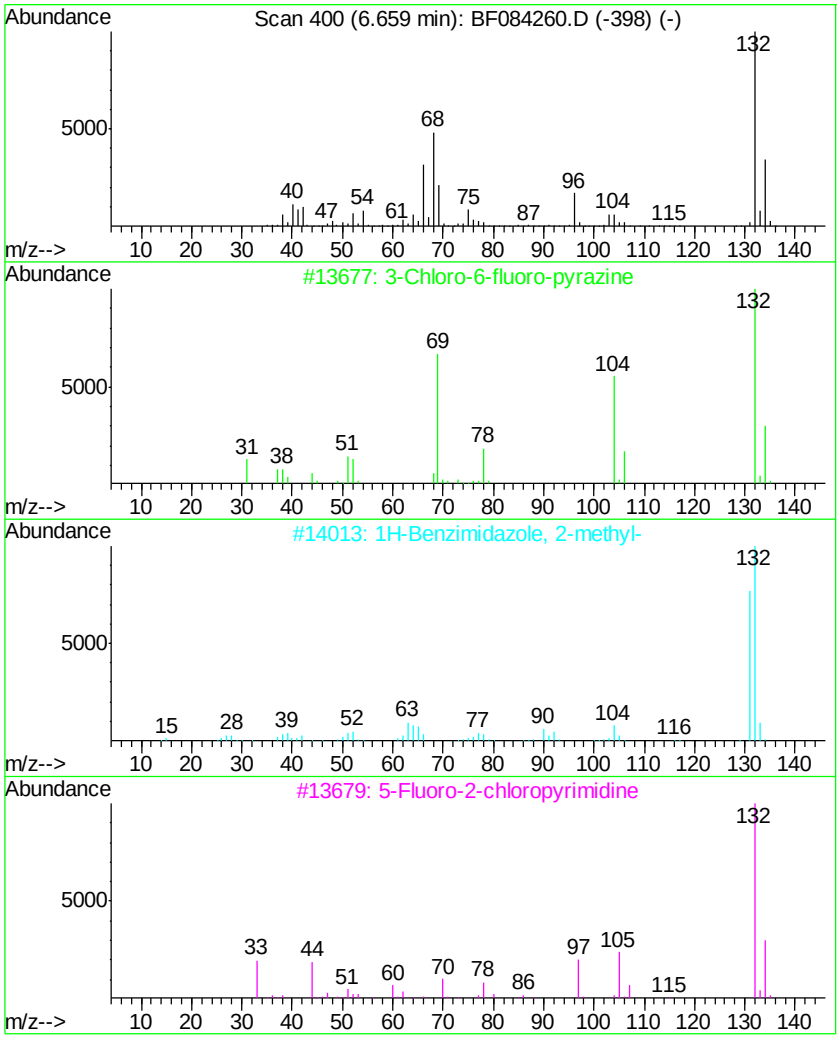
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

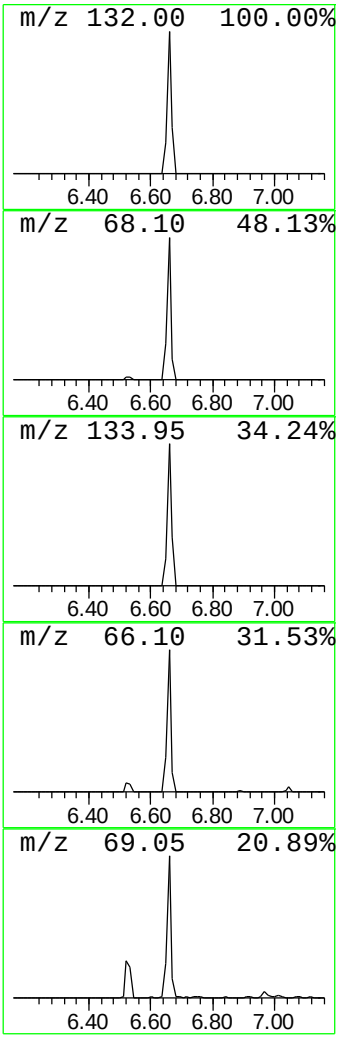
****

Peak Number 4 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	67.49 ng	6631290	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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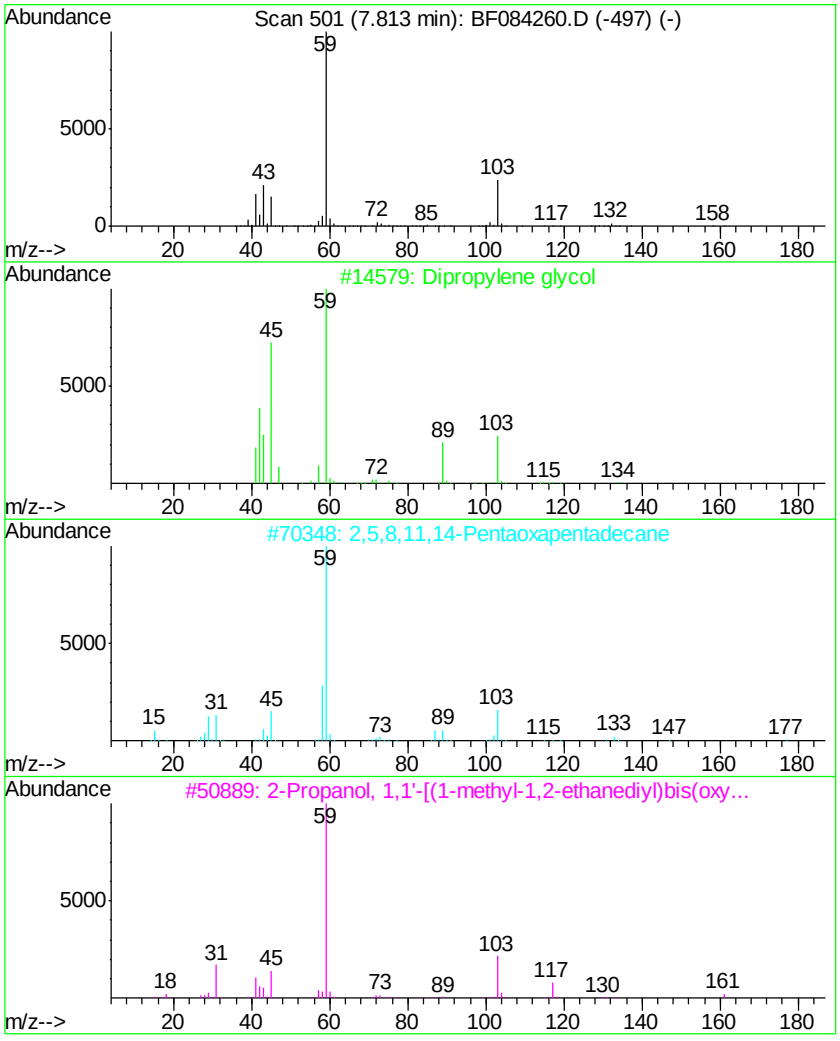
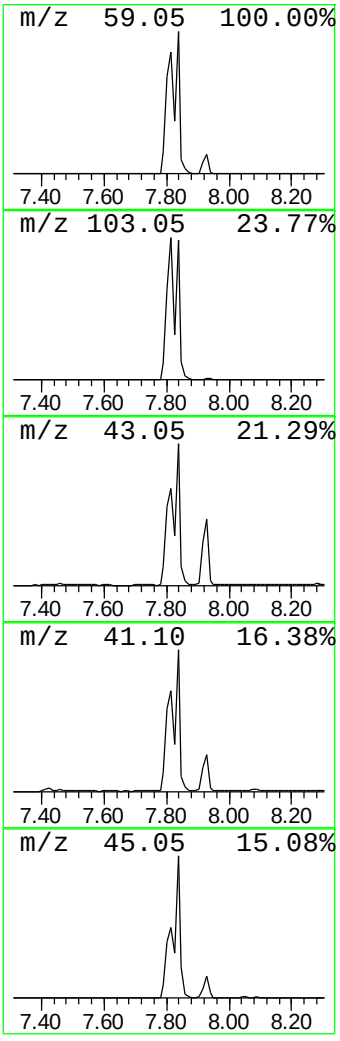
Peak Number 6 Dipropylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	67.88 ng	8599760	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	80
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	78
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	78
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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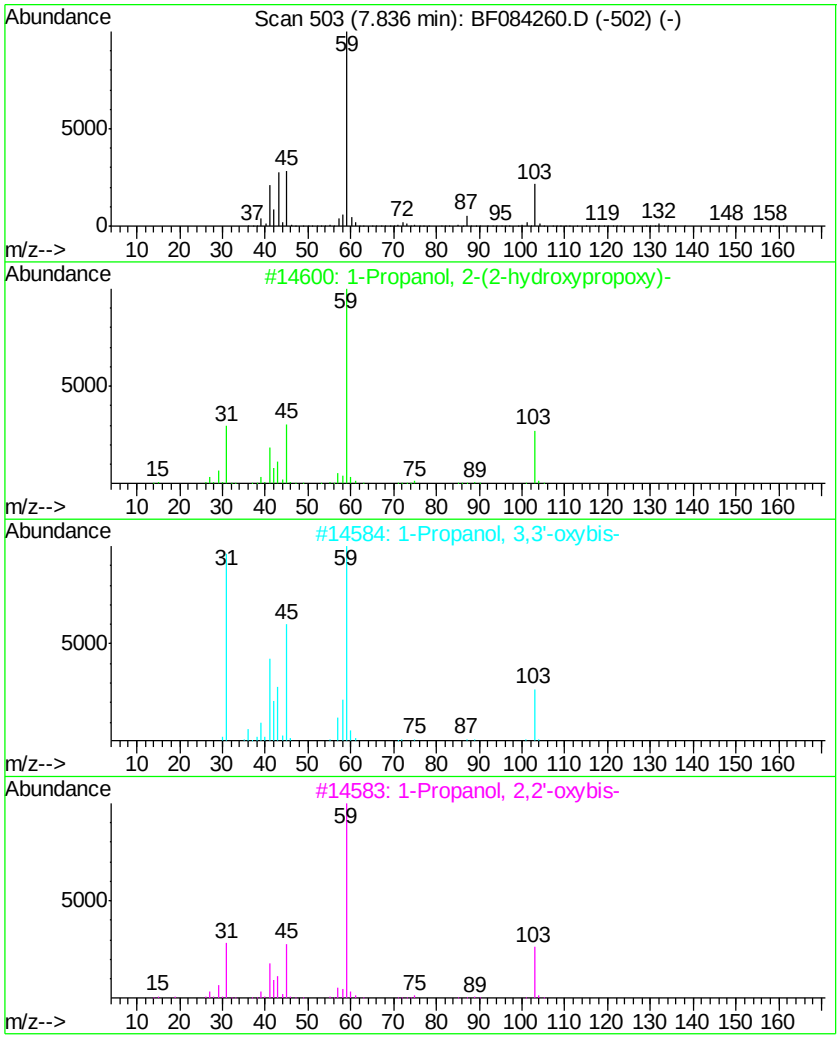
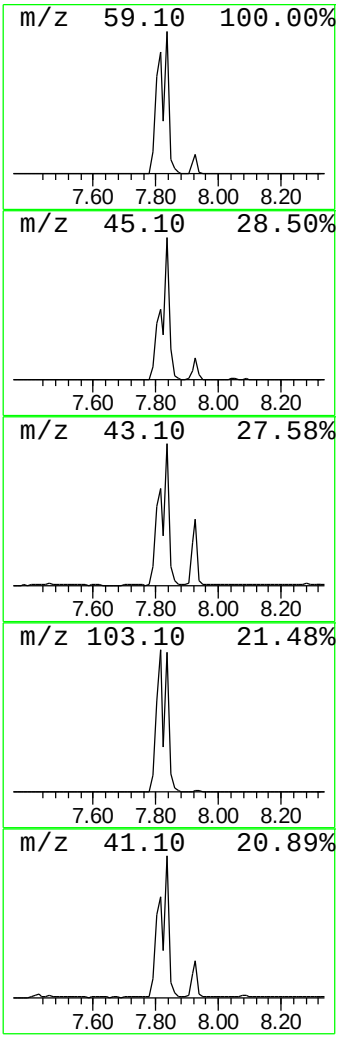
Peak Number 7 1-Propanol, 2-(2-hydroxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	43.97 ng	5571230	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	64
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
4	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	64
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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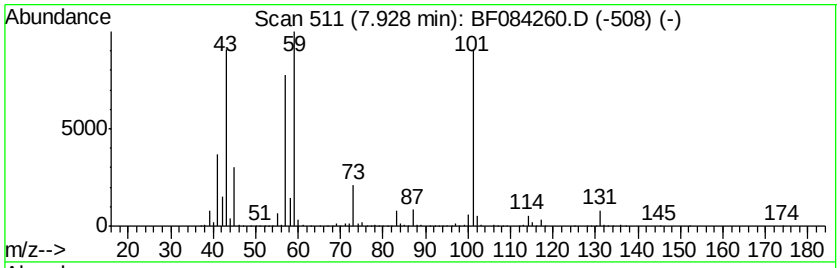
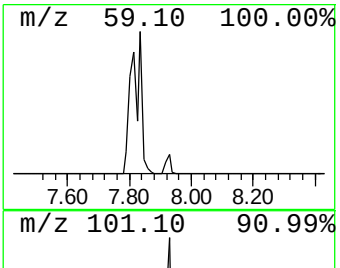
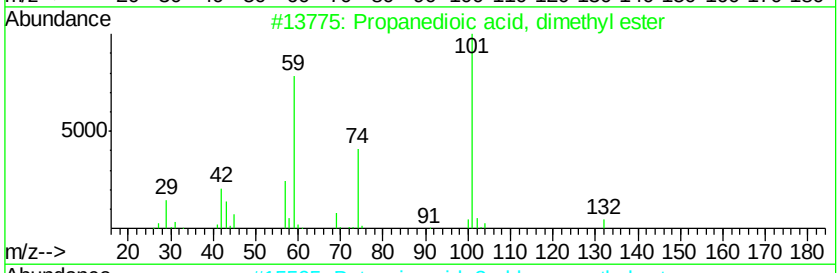
Peak Number 8 unknown7.93 Concentration Rank 6

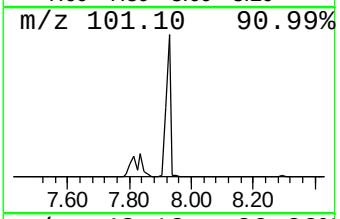
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	20.16 ng	2554460	Naphthalene-d8	8.18

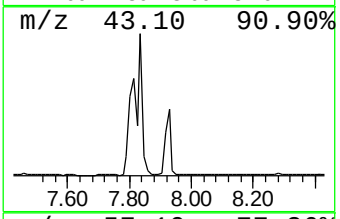
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	45
2	Butanoic acid, 3-chloro-, methyl...	136	C5H9ClO2	000817-76-5	42
3	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	42
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	35
5	Hydrazine, 1,1-dimethyl-2-propyl-	102	C5H14N2	052728-54-8	35

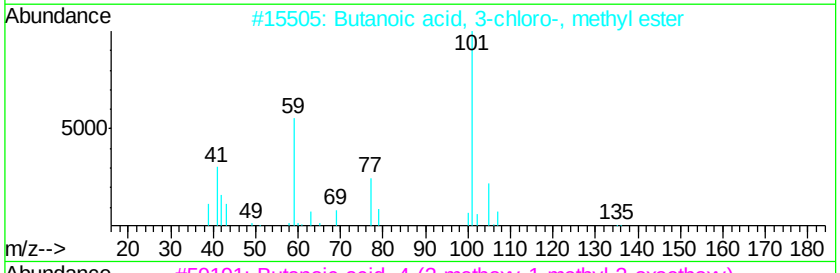


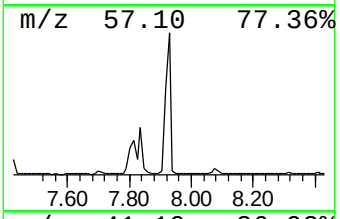


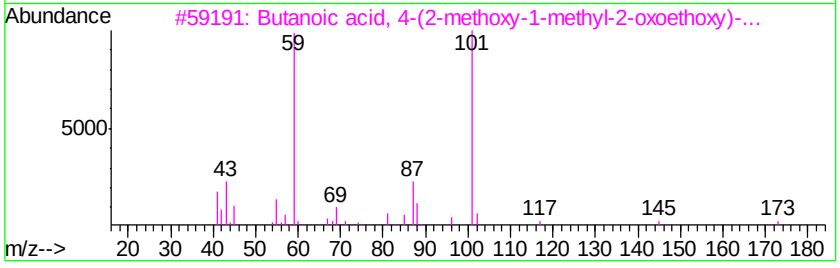


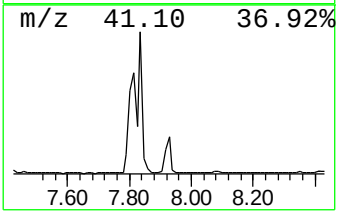












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Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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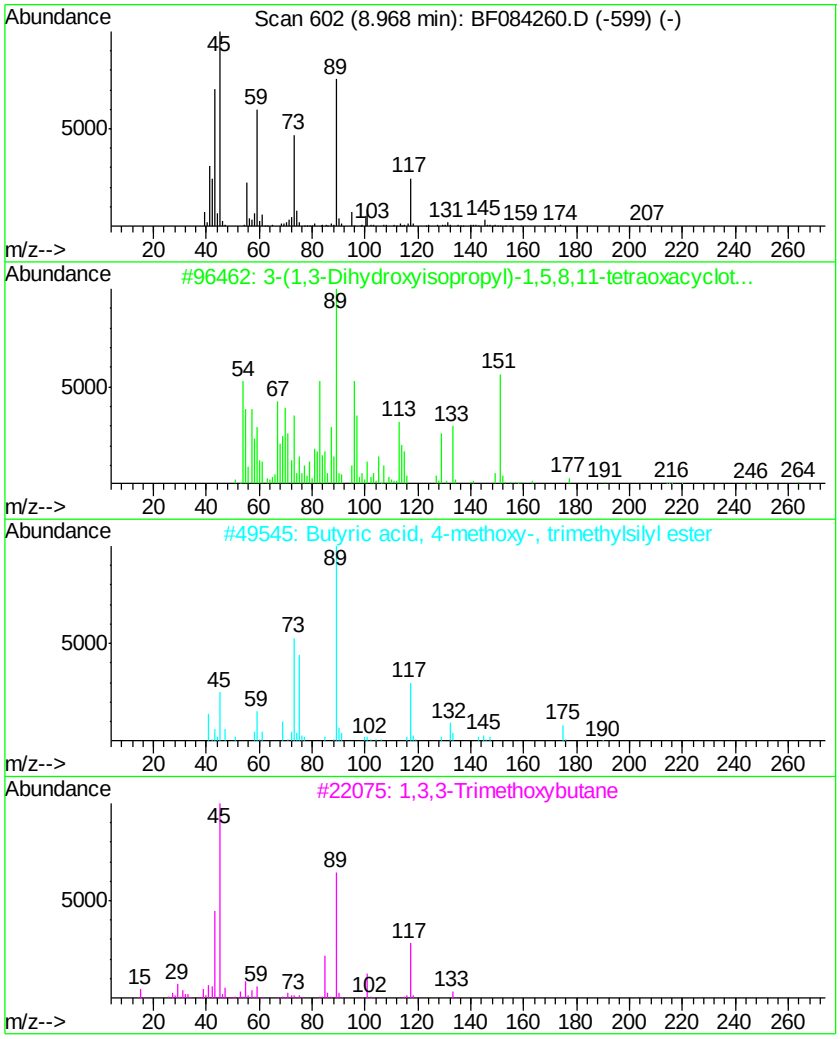
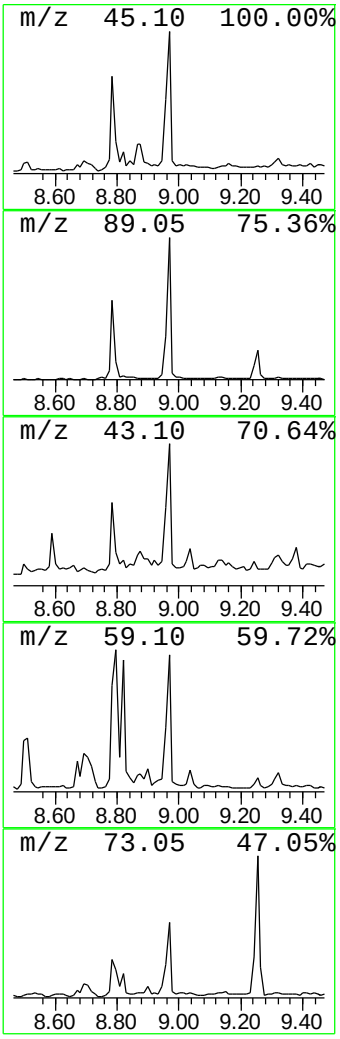
Peak Number 9 3-(1,3-Dihydroxyisopropyl)-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.13 ng	650130	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	78
2	Butyric acid, 4-methoxy-, trimet...	190	C8H18O3Si	021273-18-7	59
3	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	56
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
5	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	53





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Instrument : BNA_F
ClientSampleId : W-29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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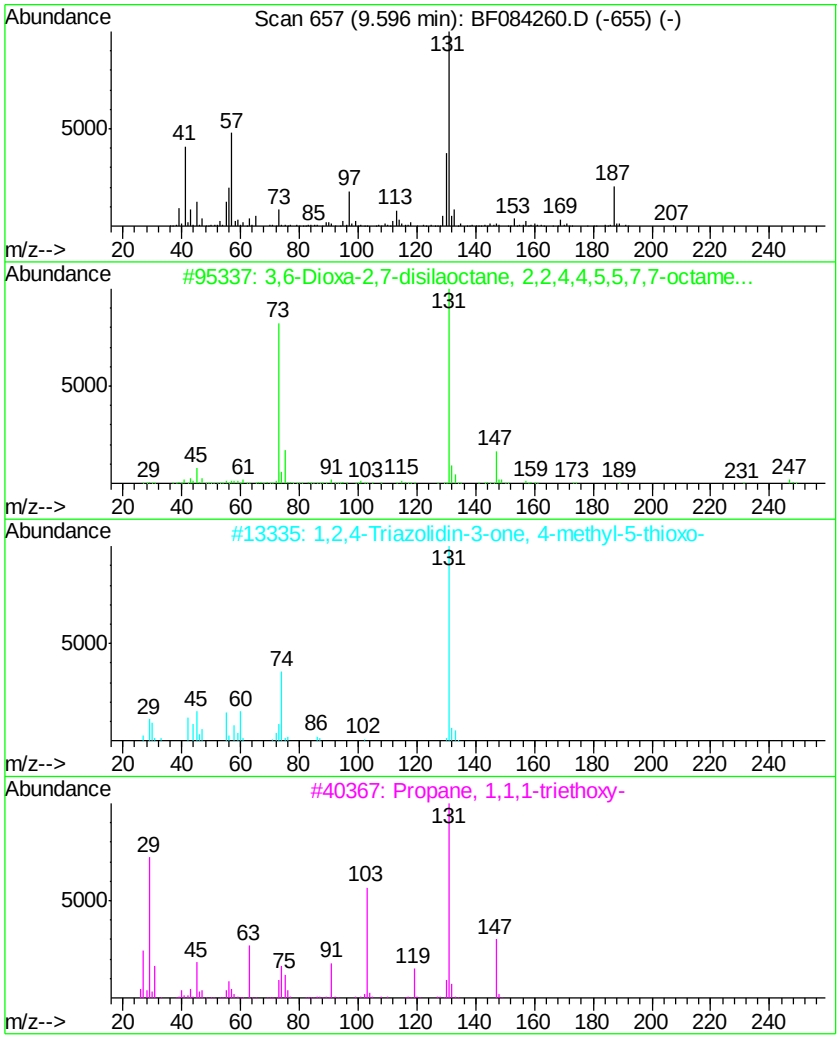
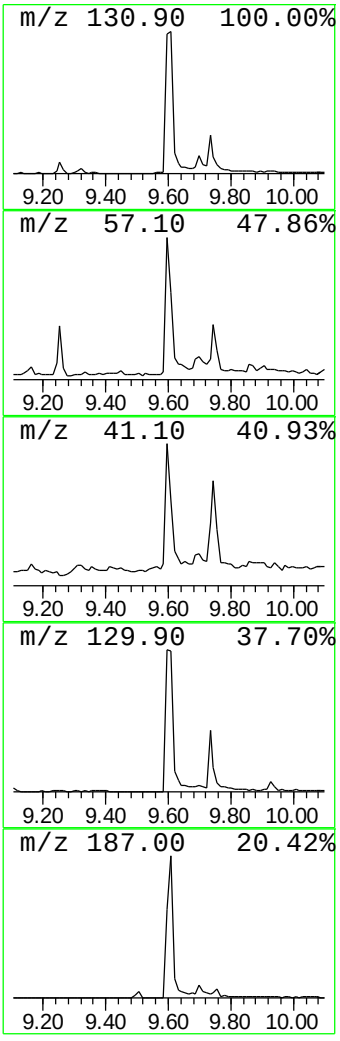
Peak Number 10 unknown9.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	16.88 ng	1915260	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,7-disilaoctane, 2,2,...	262	C12H30O2Si2	006730-96-7	32
2	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	32
3	Propane, 1,1,1-triethoxy-	176	C9H20O3	000115-80-0	23
4	1-Butyl(dimethyl)silyloxy-2-meth...	188	C10H24OSi	1000282-45-2	9
5	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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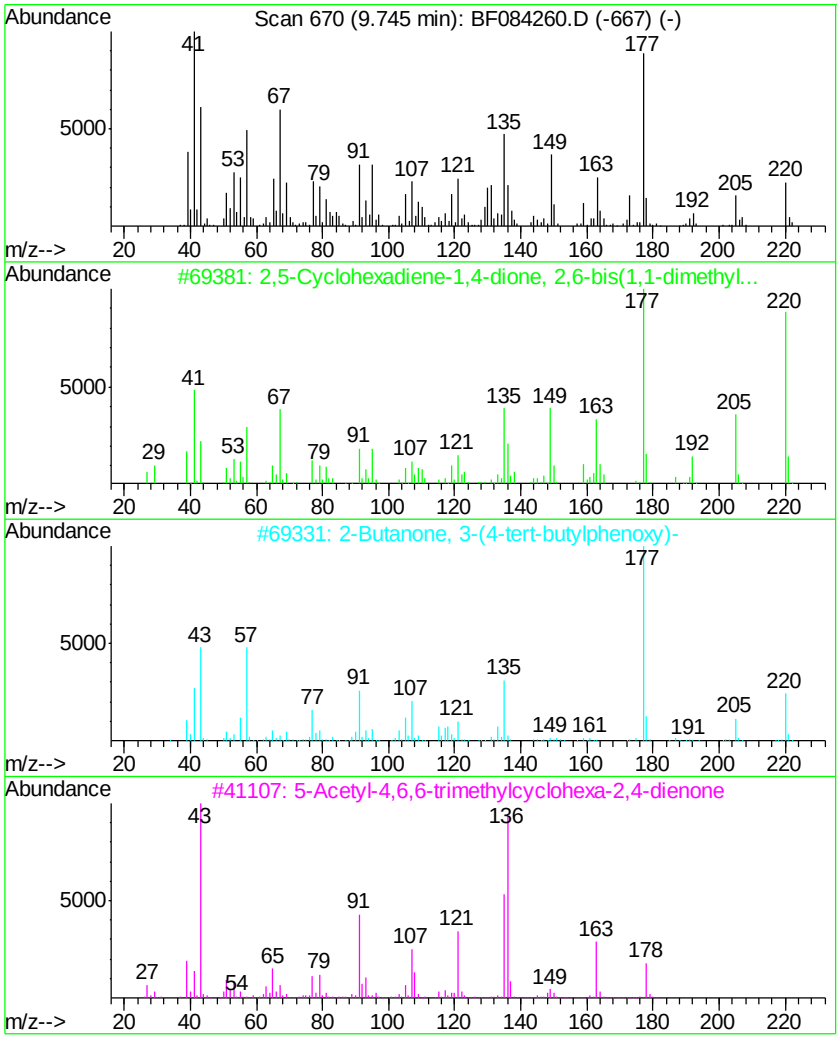
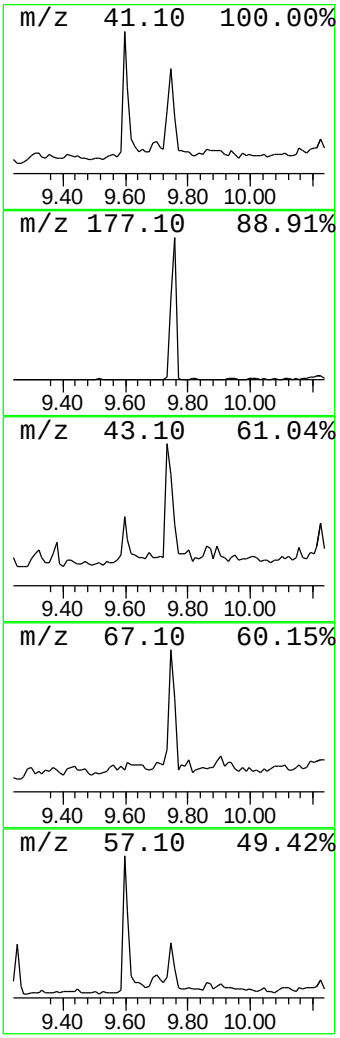
Peak Number 11 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	15.16 ng	1719600	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	97
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	50
3	5-Acetyl-4,6,6-trimethylcyclohex...	178	C11H14O2	1000185-73-1	47
4	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	38
5	1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	30





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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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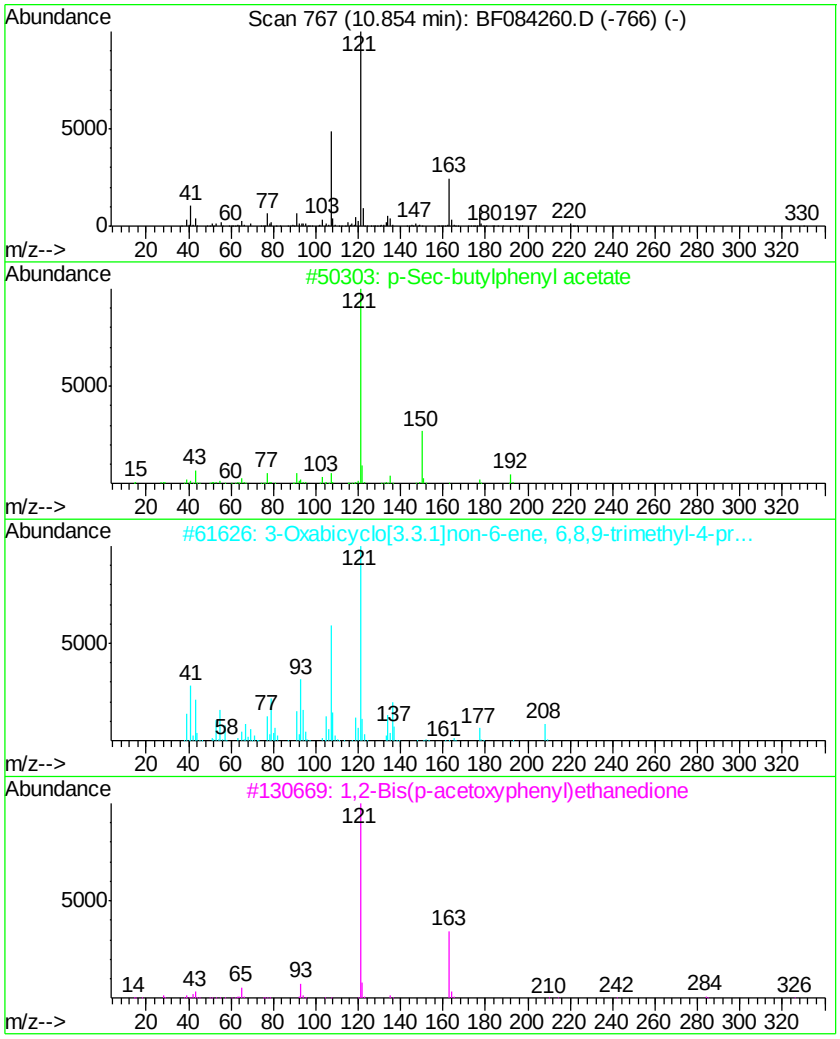
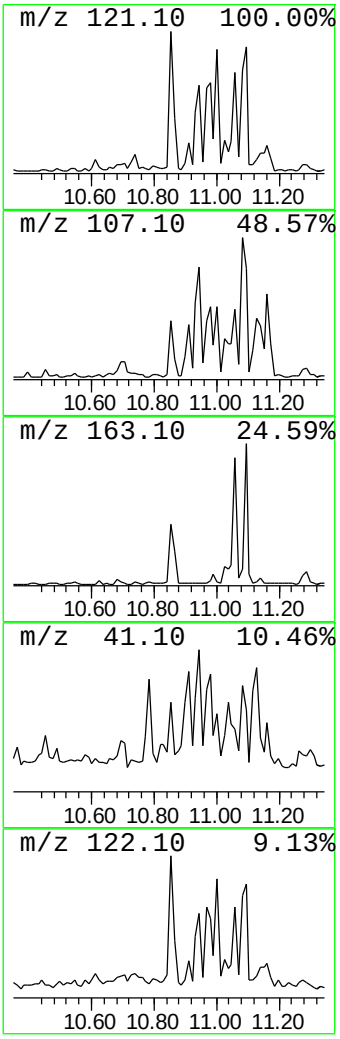
Peak Number 12 unknown10.85 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.00 ng	729981	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
2	3-Oxabicyclo[3.3.1]non-6-ene, 6,...	208	C14H24O	1000277-07-8	39
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	38
4	Ethanone, 1-(4-propoxyphenyl)-	178	C11H14O2	005736-86-7	38
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	38





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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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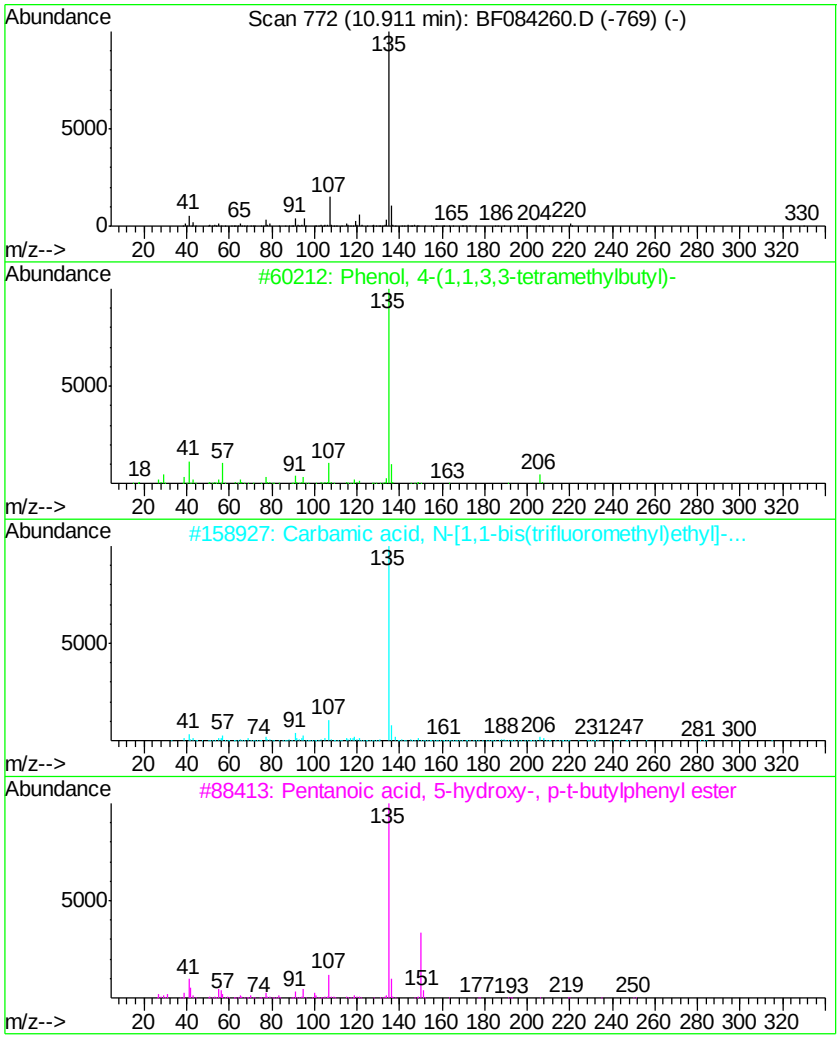
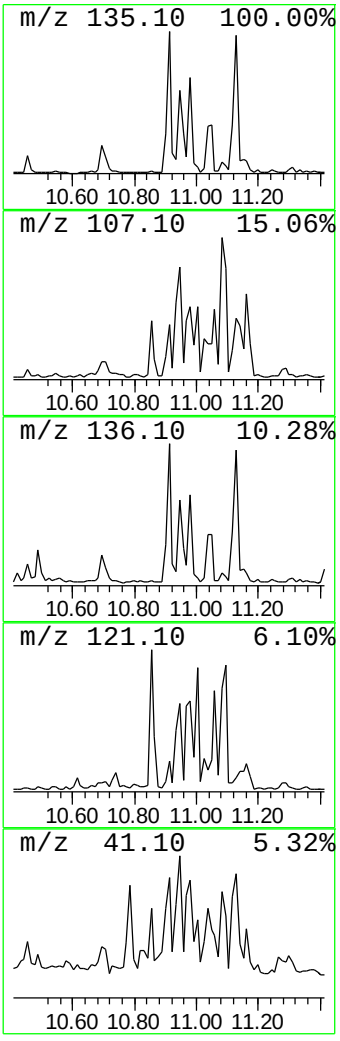
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	13.88 ng	1447540	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	83
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	74
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	56





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Instrument : BNA_F
ClientSampleId : W-29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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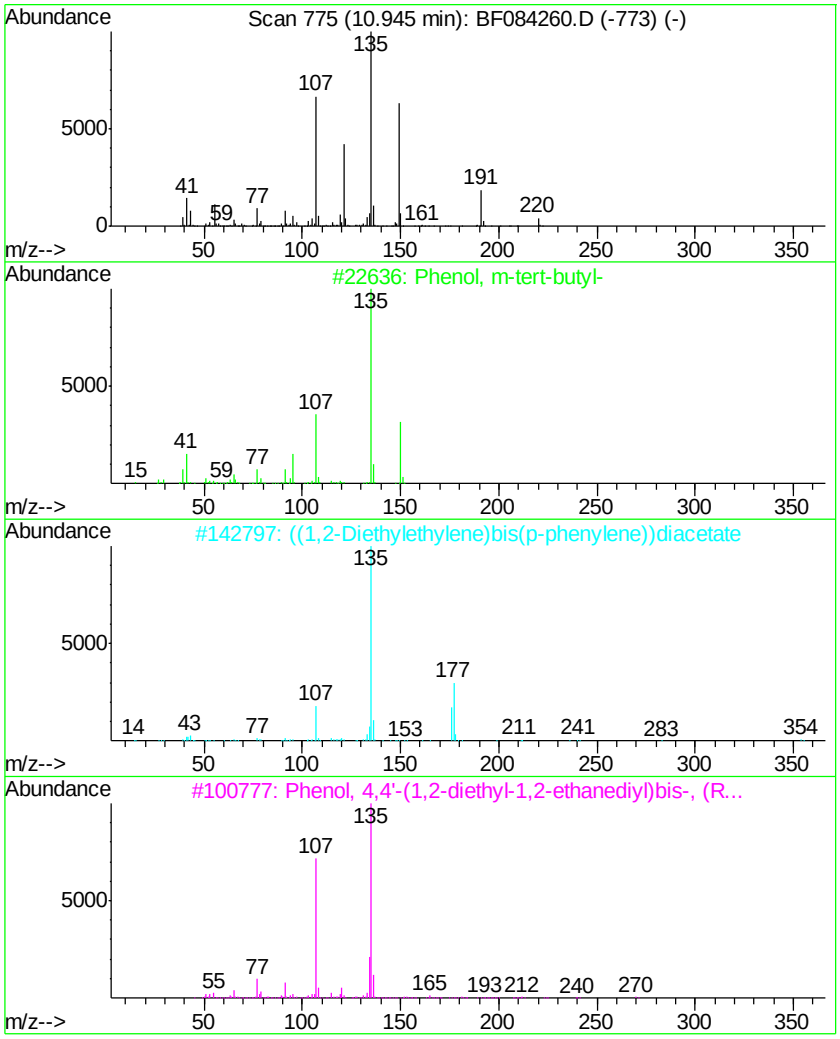
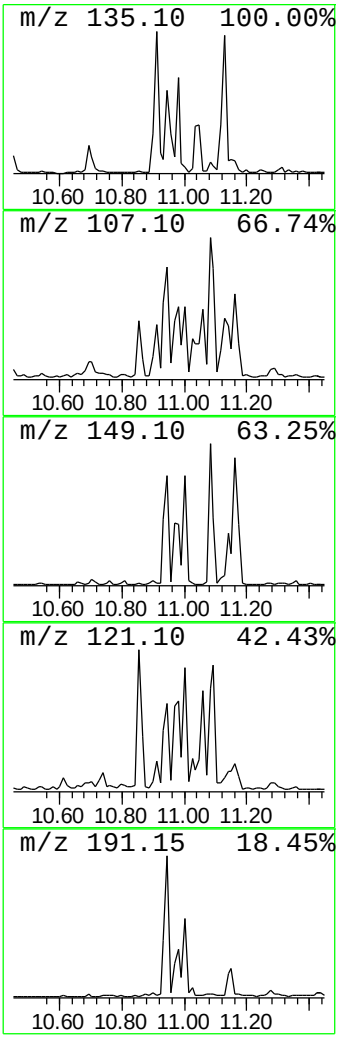
Peak Number 14 Phenol, m-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	19.04 ng	1985930	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	47
4	Hexestrol	270	C18H22O2	005635-50-7	47
5	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	46





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Sample : G4990-03
Misc :
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Instrument : BNA_F
ClientSampleId : W-29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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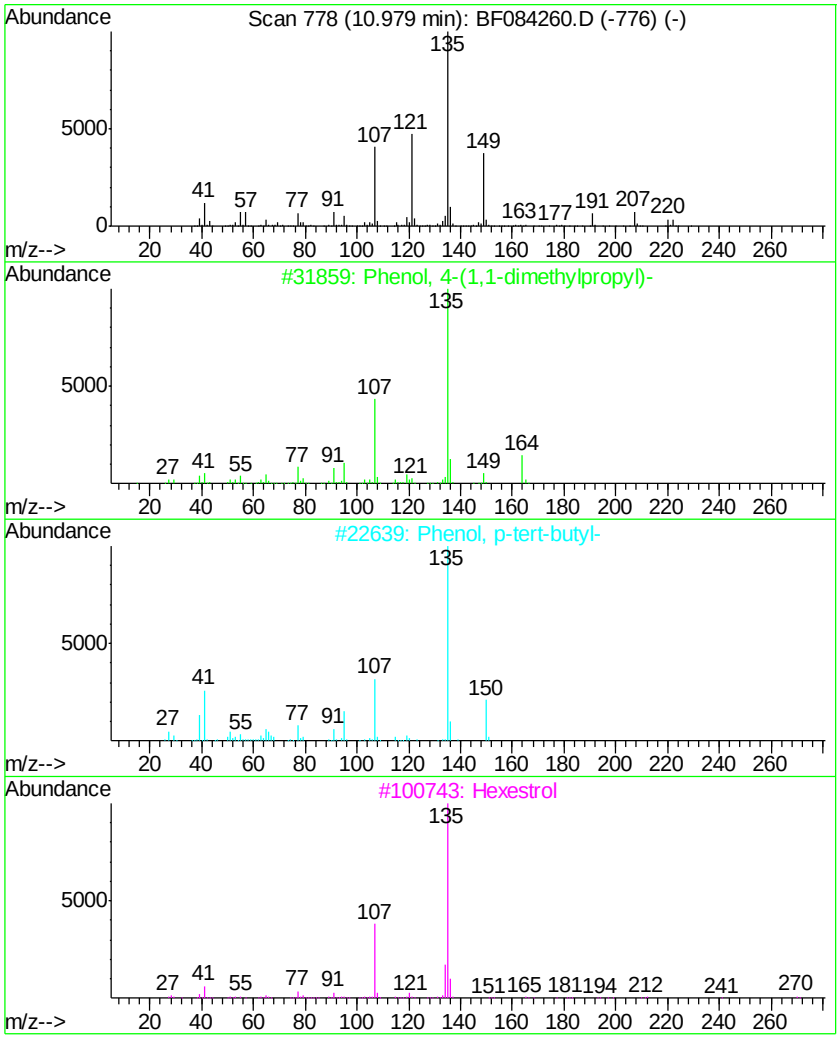
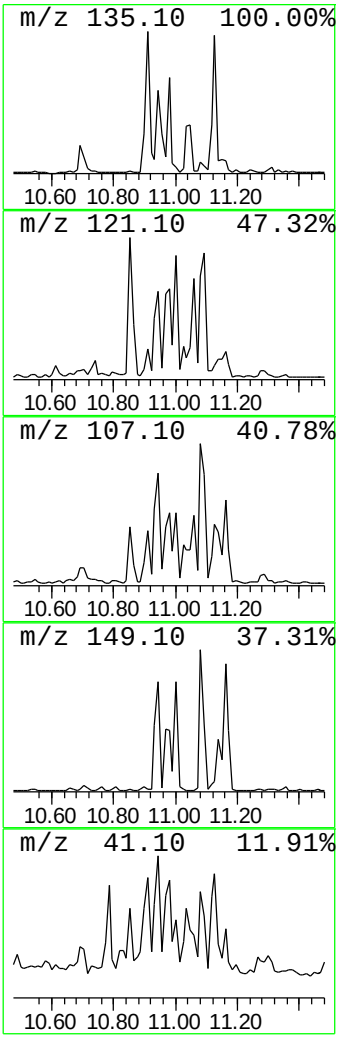
Peak Number 15 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	24.94 ng	2601600	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
3	Hexestrol	270	C18H22O2	005635-50-7	53
4	5-(4,5,6,7-Tetrahydrobenzofuran-...	222	C13H18O3	1000210-90-7	47
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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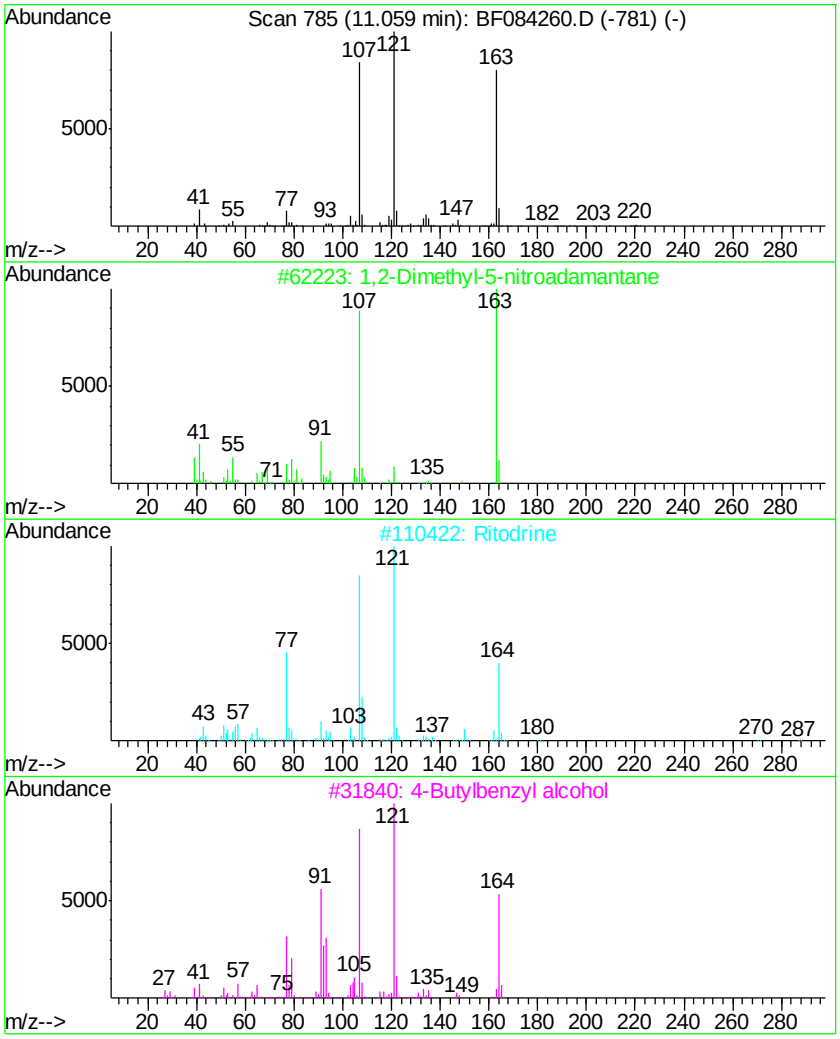
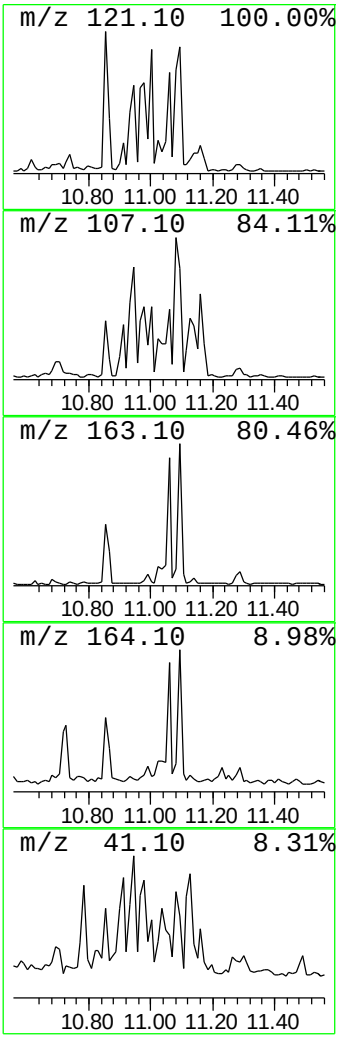
Peak Number 16 unknown11.06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	15.87 ng	1656030	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	40
2	Ritodrine	287	C17H21NO3	026652-09-5	40
3	4-Butylbenzyl alcohol	164	C11H16O	060834-63-1	40
4	Phosphine, bis(1,1-dimethylethyl...	220	C11H26P2	142132-73-8	38
5	Benzhydrazide, 2-hydroxy-N2-(1,3...	323	C17H13N3O4	1000265-07-6	38





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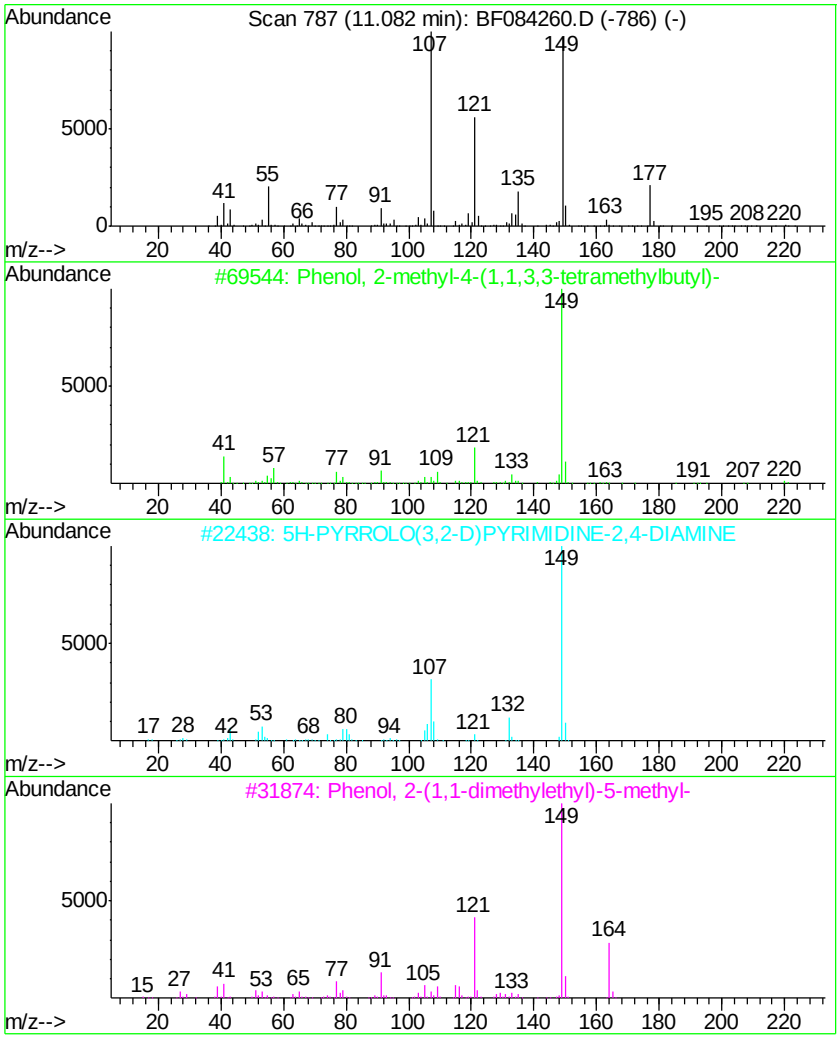
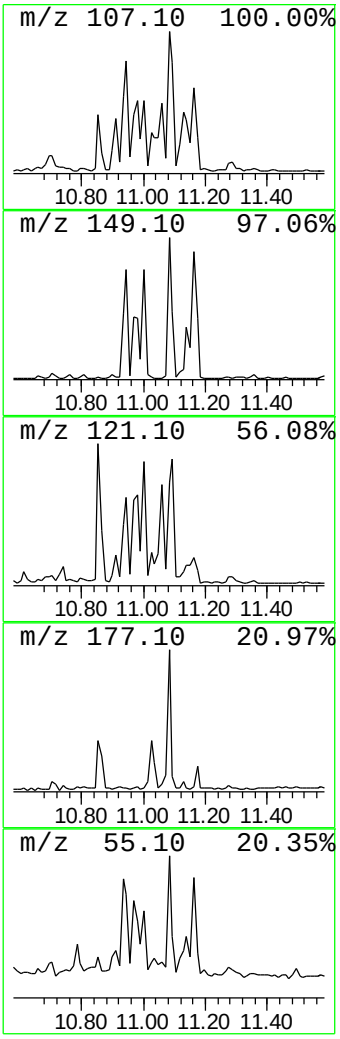
Peak Number 17 unknown11.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	17.06 ng	1779580	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	35
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





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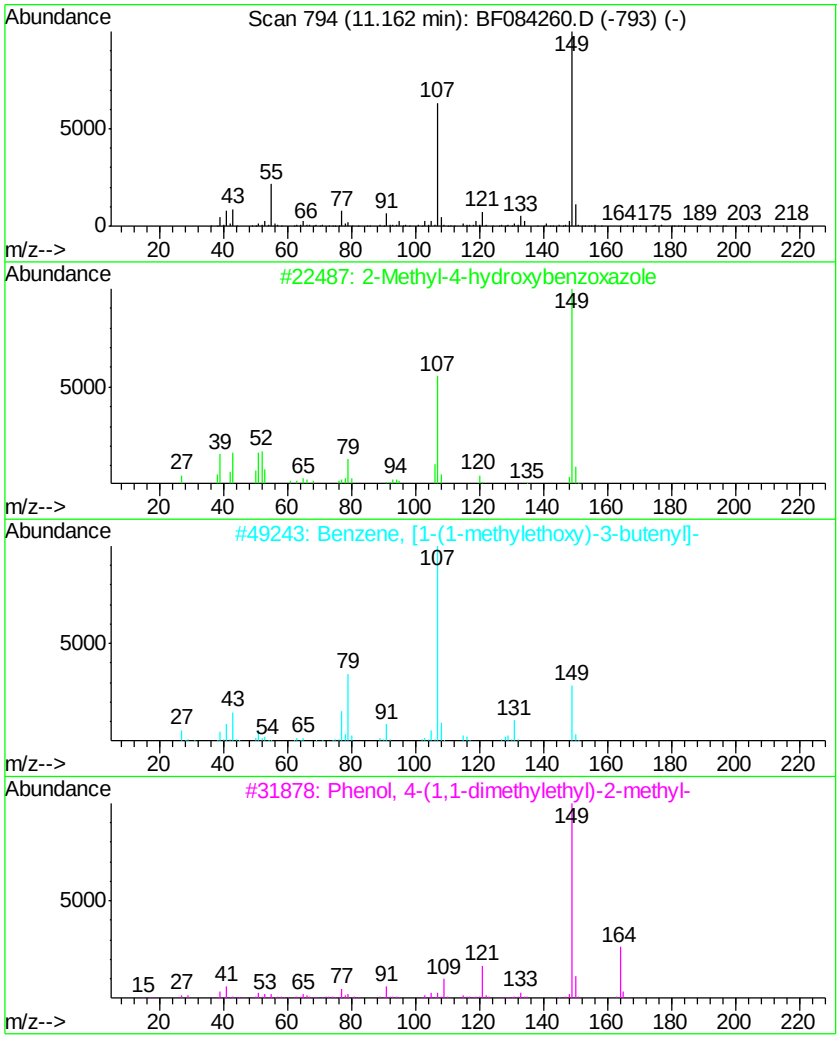
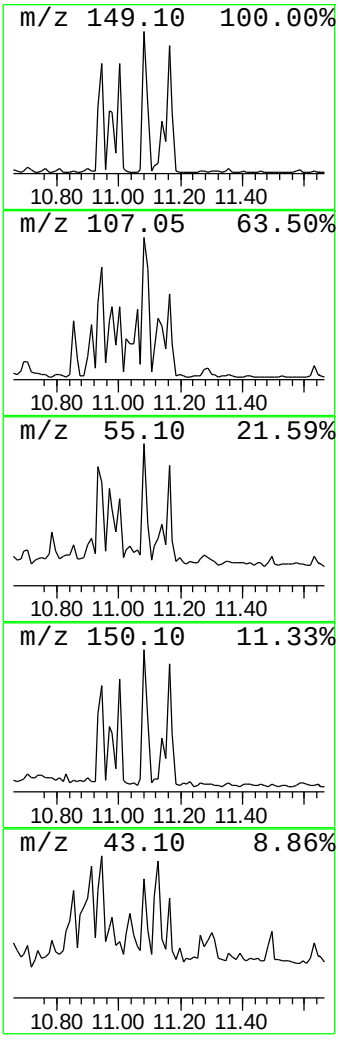
Peak Number 19 2-Methyl-4-hydroxybenzoxazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	7.99 ng	833271	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	72
2	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	40
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
4	Benzamide, o-(2-hydroxy-2,2-diph...	331	C22H21NO2	002594-59-4	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	33





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Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

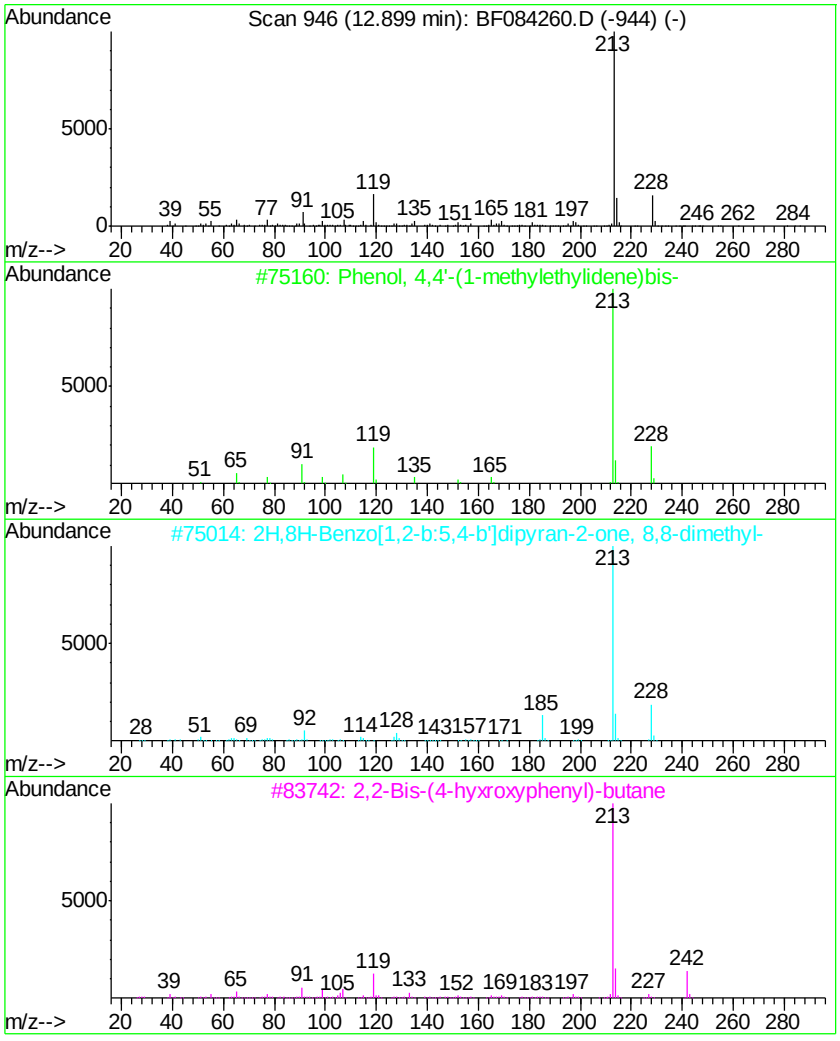
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

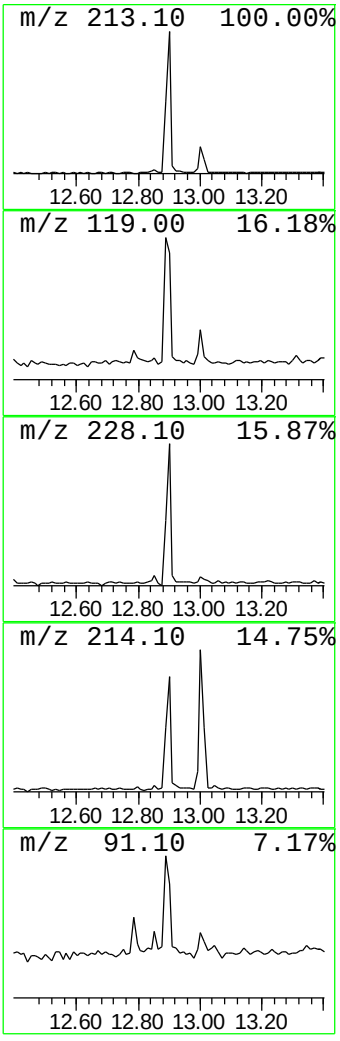
****

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	6.55 ng	484813	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
5	Stannane, chlorotriethyl-	242	C6H15ClSn	000994-31-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084260.D
Acq On : 5 Jan 2016 2:45
Operator : UM/SJ
Sample : G4990-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanol	3.76	6.0	ng	590414	1	6.89	1965070	20.0
2-Pentanone, 4-hy...	5.08	10.4	ng	1026410	1	6.89	1965070	20.0
unknown6.66	6.66	67.5	ng	6631290	1	6.89	1965070	20.0
Dipropylene glycol	7.81	67.9	ng	8599760	2	8.18	2533910	20.0
1-Propanol, 2-(2-...	7.84	44.0	ng	5571230	2	8.18	2533910	20.0
unknown7.93	7.93	20.2	ng	2554460	2	8.18	2533910	20.0
3-(1,3-Dihydroxyi...	8.97	5.1	ng	650130	2	8.18	2533910	20.0
unknown9.60	9.60	16.9	ng	1915260	3	9.93	2268900	20.0
2,5-Cyclohexadien...	9.74	15.2	ng	1719600	3	9.93	2268900	20.0
unknown10.85	10.85	7.0	ng	729981	4	11.41	2086530	20.0
Phenol, 4-(1,1,3,...	10.91	13.9	ng	1447540	4	11.41	2086530	20.0
Phenol, m-tert-bu...	10.95	19.0	ng	1985930	4	11.41	2086530	20.0
Phenol, 4-(1,1-di...	10.98	24.9	ng	2601600	4	11.41	2086530	20.0
unknown11.06	11.06	15.9	ng	1656030	4	11.41	2086530	20.0
unknown11.08	11.08	17.1	ng	1779580	4	11.41	2086530	20.0
2-Methyl-4-hydrox...	11.16	8.0	ng	833271	4	11.41	2086530	20.0
Phenol, 4,4'-(1-m...	12.90	6.5	ng	484813	5	14.05	1480380	20.0