LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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	2.155	4	6	17	rVB3	73195	192445	2.28%	0.232%
2	3.756	143	146	151	rBV	88126	141094	1.67%	0.170%
3	3.858	151	155	158	rBV	60433	100734	1.19%	0.121%
4	5.070	259	261	265	rVB	610349	792424	9.38%	0.955%
5	5.493	296	298	301	rVB	2919604	3789002	44.83%	4.568%
6	6.522	386	388	391	rBV	2330194	2230059	26.39%	2.689%
7	6.659	397	400	402	rBV	6832080	6480183	76.67%	7.813%
8	6.739	404	407	412	rVB	85821	144560	1.71%	0.174%
9	6.887	418	420	422	rBV	2080168	1792501	21.21%	2.161%
10	6.967	425	427	428	rBV2	231947	258036	3.05%	0.311%
11	7.002	428	430	432	rVV2	187804	398906	4.72%	0.481%
12	7.047	432	434	436	rVB	6893664	6287171	74.39%	7.580%
13	7.459	466	470	472	rBV	5442948	6076112	71.89%	7.325%
14	7.802	498	500	501	rBV	318653	272482	3.22%	0.329%
15	7.825	501	502	505	rVV	274561	318121	3.76%	0.384%
16	7.916	508	510	513	rBV2	204094	262448	3.11%	0.316%
17	8.099	521	526	530	rBV6	50250	149070	1.76%	0.180%
18	8.179	530	533	535	rBV	2215105	2290489	27.10%	2.761%
19	8.293	540	543	545	rBV	95785	125727	1.49%	0.152%
20	8.350	547	548	551	rVB2	157922	168510	1.99%	0.203%
21	8.419	551	554	556	rBV	332023	410622	4.86%	0.495%
22	8.739	580	582	584	rBV2	80710	100944	1.19%	0.122%
23	8.910	593	597	598	rBV	182110	235518	2.79%	0.284%
24	9.013	602	606	609	rVB6	73968	201956	2.39%	0.243%
25	9.128	609	616	617	rBV6	58462	194194	2.30%	0.234%
26	9.162	617	619	622	rVV3	51807	105095	1.24%	0.127%
27	9.253	624	627	629	rVV	7983029	8451797	100.00%	10.190%
28	9.299	629	631	633	rVB2	116809	137605	1.63%	0.166%
29	9.596	654	657	660	rBV3	243062	385729	4.56%	0.465%
30	9.653	660	662	663	rVV	119533	165741	1.96%	0.200%
31	9.699	663	666	667	rVV3	63370	139708	1.65%	0.168%
32	9.745	669	670	672	rVV	353821	360478	4.27%	0.435%
33	9.779	672	673	676	rVB3	77310	99214	1.17%	0.120%
34	9.882	681	682	684	rVV	148683	166955	1.98%	0.201%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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	9.928	684	686	688	rVB	2337092	2326019	27.52%	2.804%
36	10.225	710	712	715	rVB4	152348	246365	2.91%	0.297%
37	10.293	716	718	719	rVV2	129124	123788	1.46%	0.149%
38	10.362	722	724	726	rVB2	109801	143382	1.70%	0.173%
39	10.431	728	730	731	rBV	80599	117004	1.38%	0.141%
40	10.453	731	732	734	rVB	142073	107186	1.27%	0.129%
41	10.591	741	744	745	rVB2	80520	96404	1.14%	0.116%
42	10.659	748	750	751	rBV2	52278	87590	1.04%	0.106%
43	10.716	751	755	758	rVV3	3862270	5892592	69.72%	7.104%
44	10.853	765	767	770	rVB	1149421	1058122	12.52%	1.276%
45	10.911	770	772	773	rBV	1870573	1969676	23.30%	2.375%
46	10.945	773	775	776	rVV	2251433	2743593	32.46%	3.308%
47	10.979	776	778	781	rVV2	1828829	3498015	41.39%	4.217%
48	11.036	781	783	786	rVV2	861643	2179707	25.79%	2.628%
49	11.082	786	787	789	rVV2	1904365	2463471	29.15%	2.970%
50	11.128	789	791	793	rVV	1859705	2631173	31.13%	3.172%
51	11.162	793	794	796	rVB	1295191	1158158	13.70%	1.396%
52	11.288	802	805	806	rBV2	117456	213303	2.52%	0.257%
53	11.345	808	810	814	rVV3	66233	180404	2.13%	0.217%
54	11.414	814	816	819	rVB	2246514	2068397	24.47%	2.494%
55	11.631	833	835	838	rVB	542345	497335	5.88%	0.600%
56	12.785	934	936	939	rBV	265631	261258	3.09%	0.315%
57	12.888	944	945	947	rVB	123186	105953	1.25%	0.128%
58	13.002	952	955	958	rBV	6098011	6242943	73.87%	7.527%
59	13.791	1022	1024	1028	rBV	104031	146965	1.74%	0.177%
60	13.905	1032	1034	1038	rVV	99513	132396	1.57%	0.160%
61	14.054	1044	1047	1049	rBV	1309432	1456392	17.23%	1.756%
62	15.494	1170	1173	1175	rBV	1024032	1371910	16.23%	1.654%

Sum of corrected areas: 82945131

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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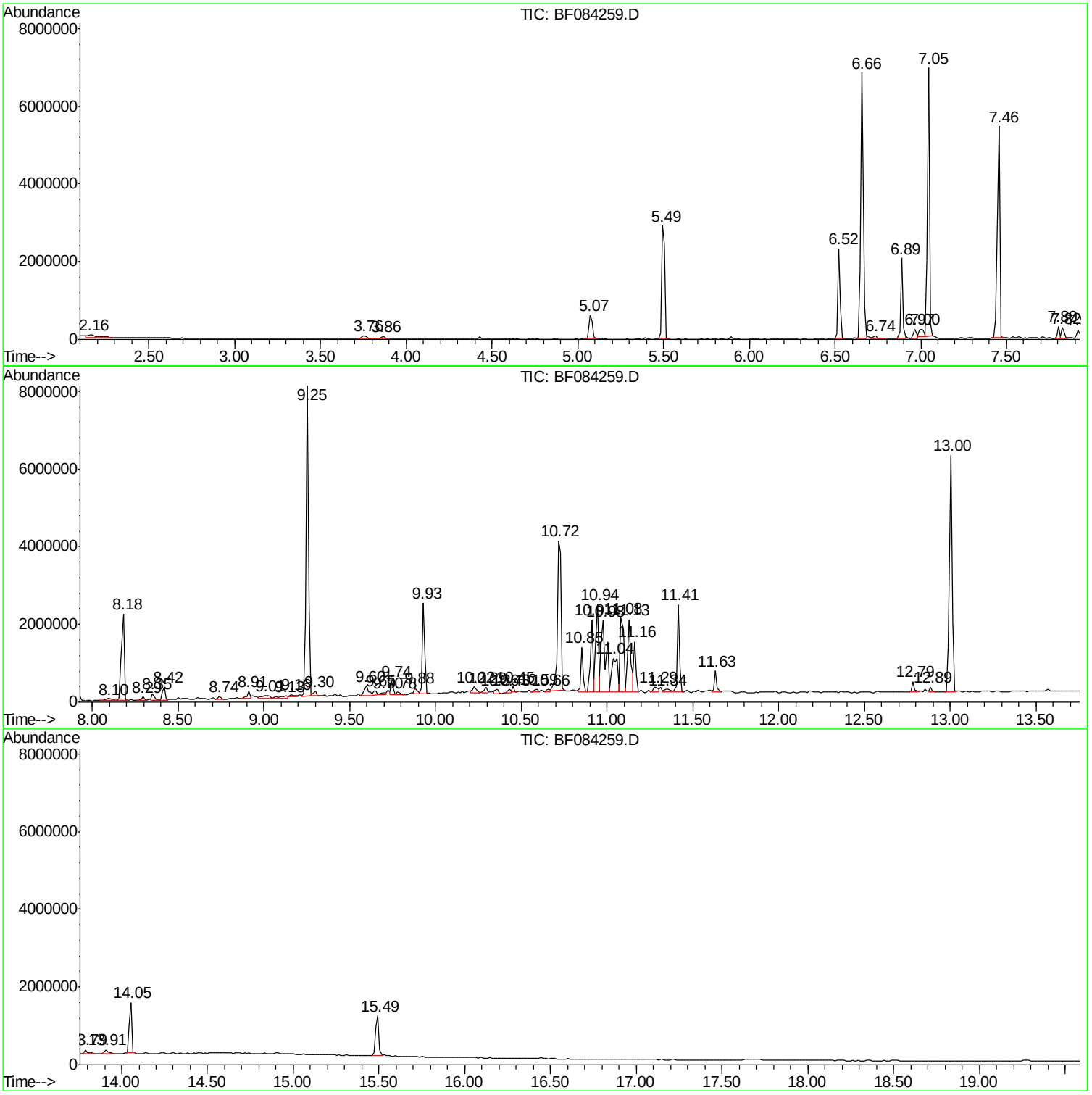
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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 : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

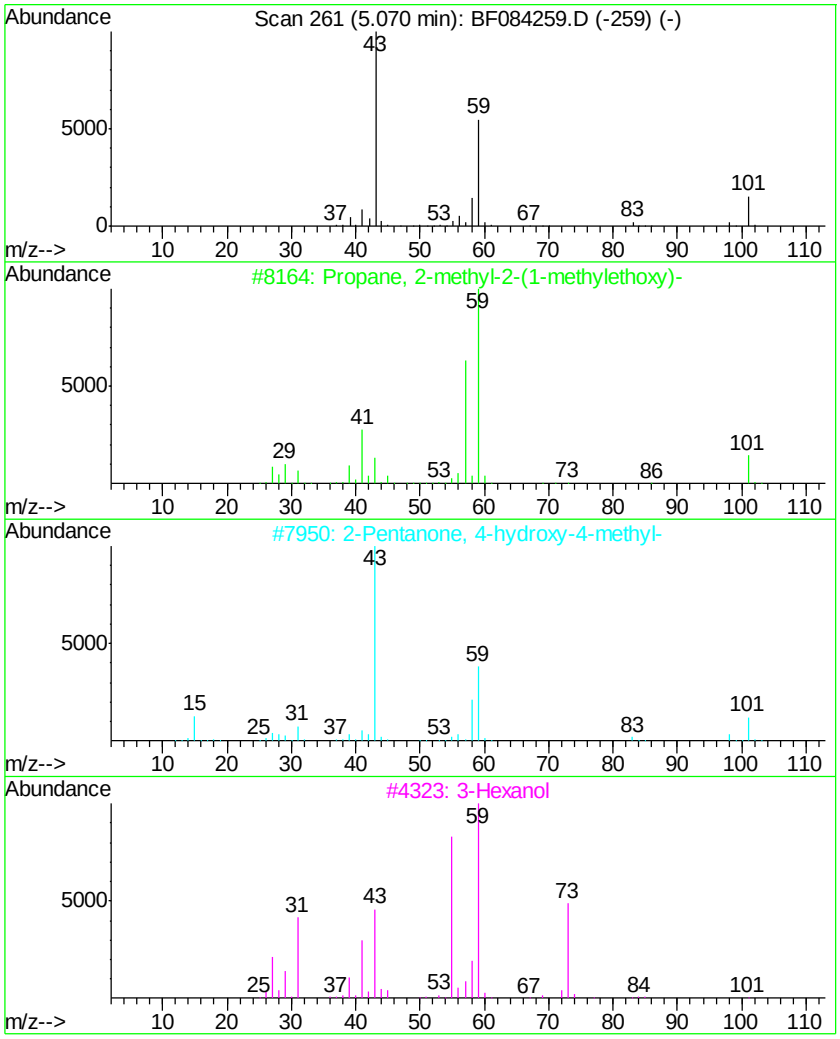
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

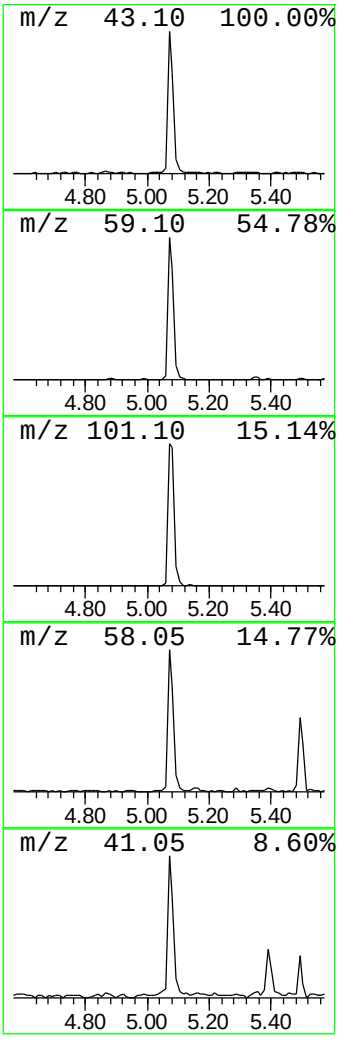
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	8.84 ng	792424	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

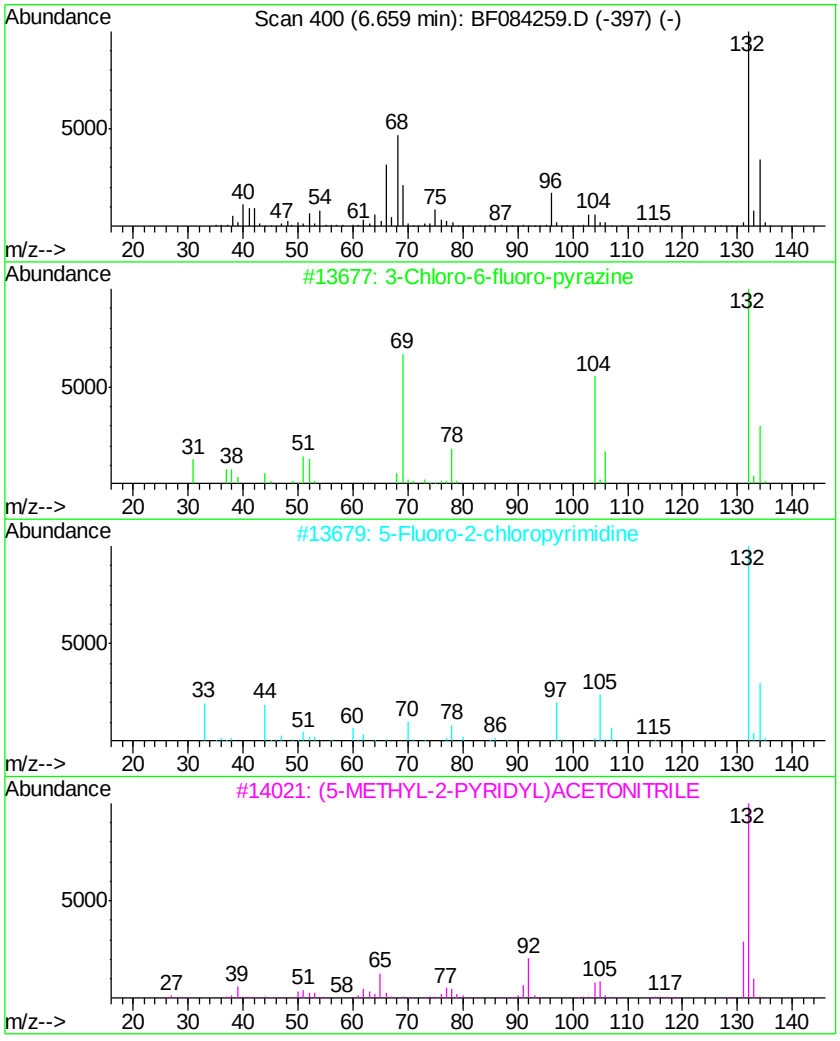
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

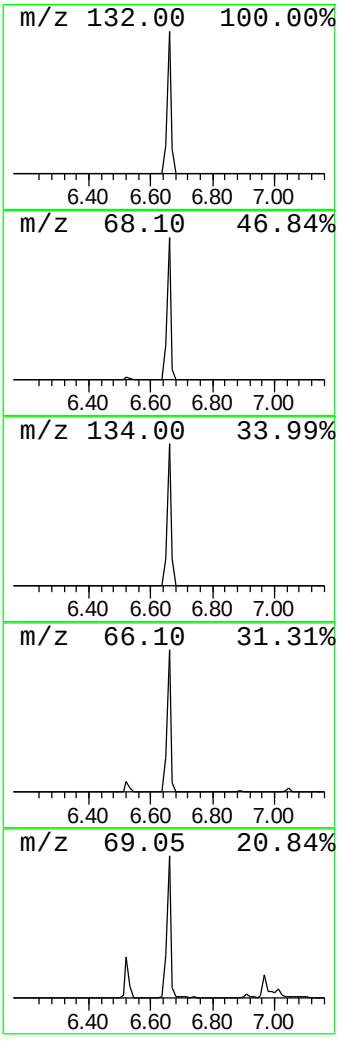
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.30 ng	6480180	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

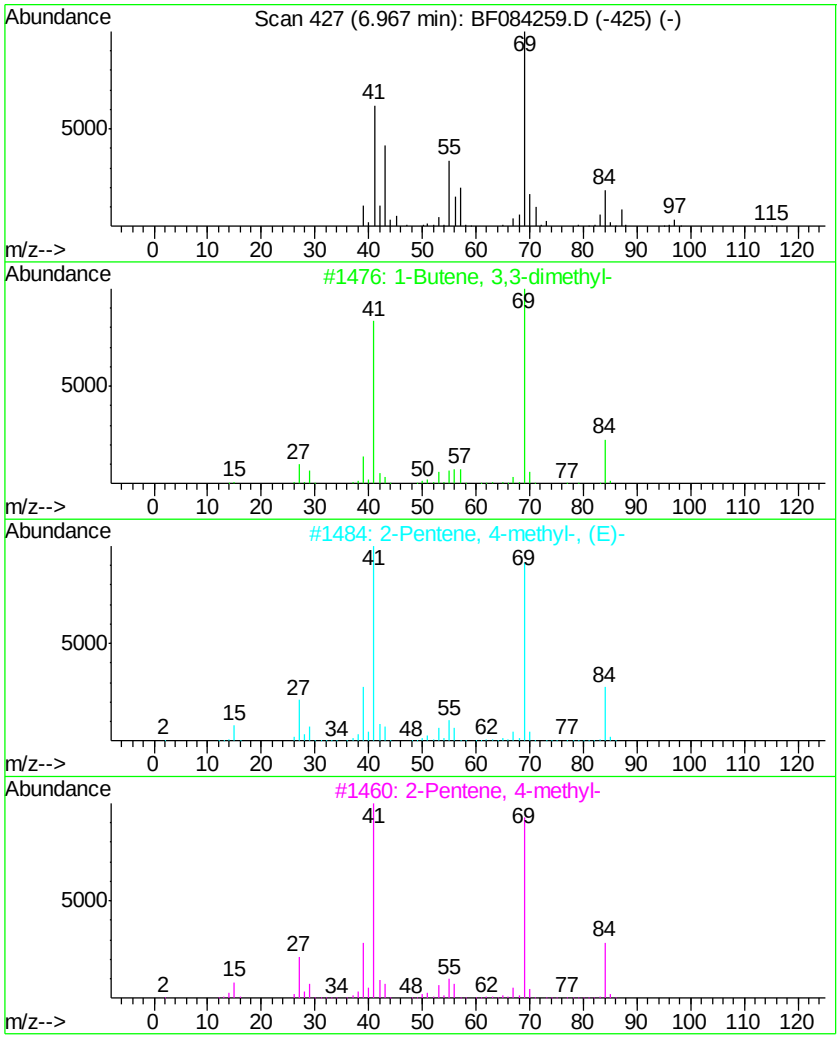
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

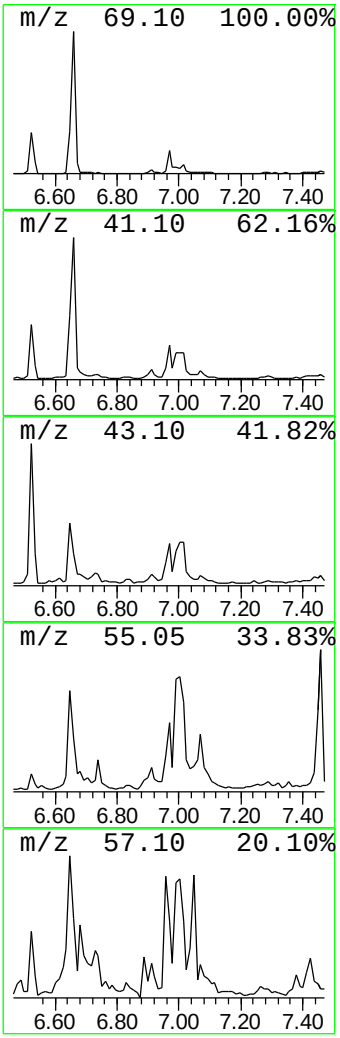
****

Peak Number 3 1-Butene, 3,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.88 ng	258036	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	59
2	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	58
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	58
4	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	58
5	3-Penten-2-one	84	C5H8O	000625-33-2	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

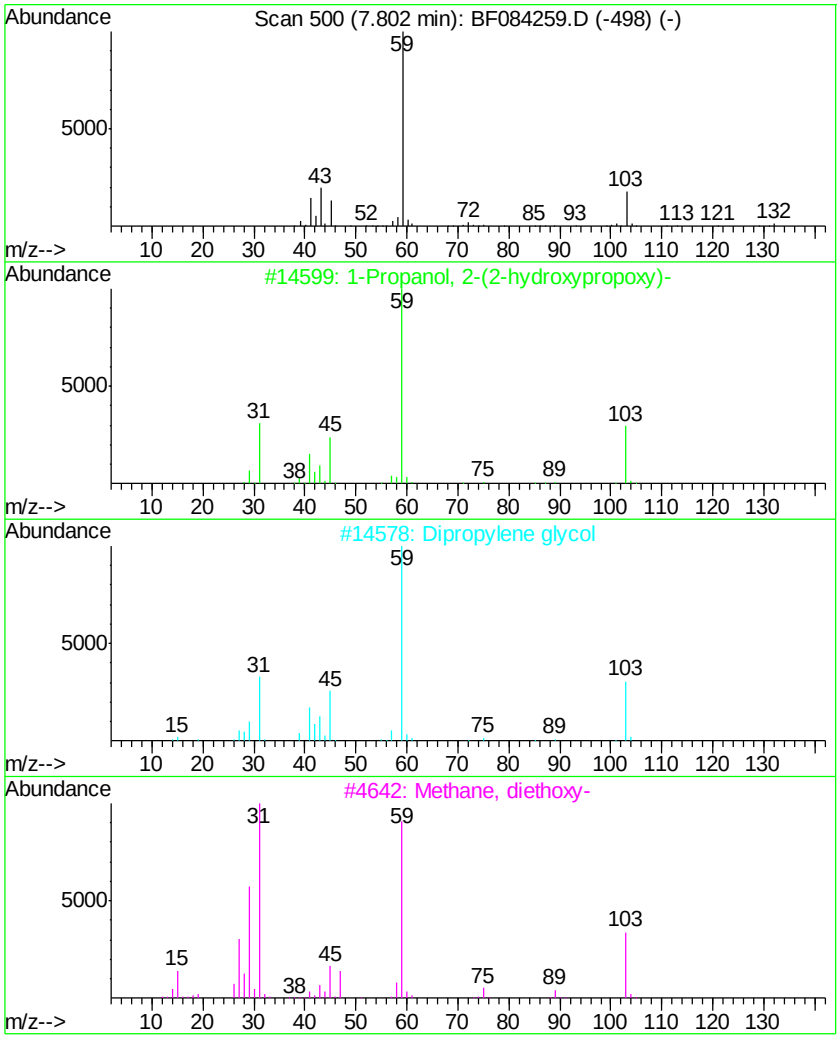
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

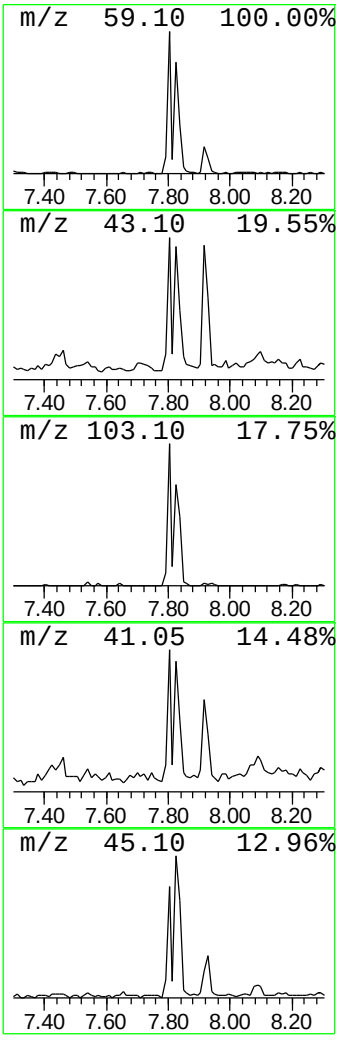
****

Peak Number 6 1-Propanol, 2-(2-hydroxypro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.38 ng	272482	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	Dipropylene glycol	134	C6H14O3	025265-71-8	78
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	78
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	78
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

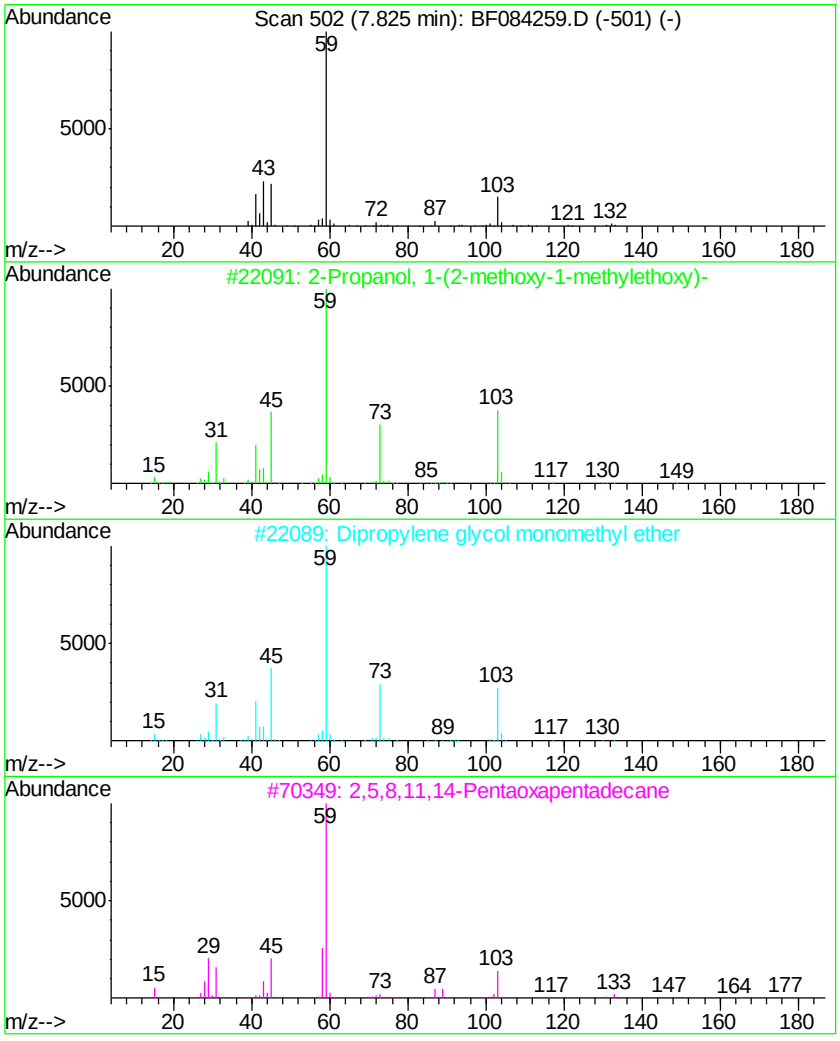
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

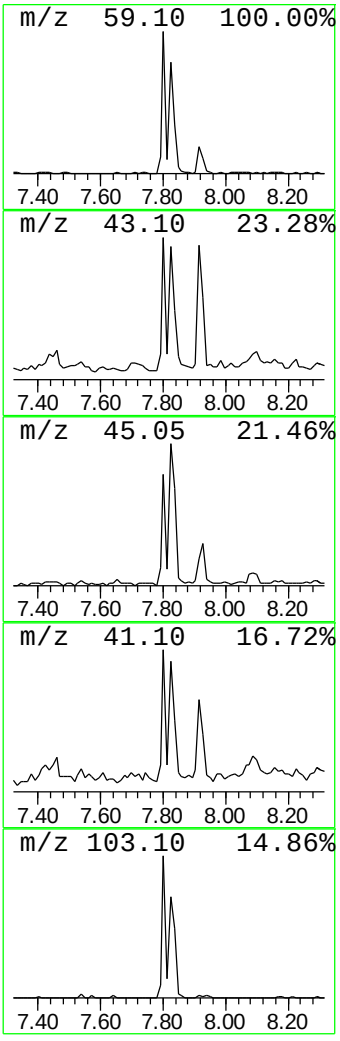
****

Peak Number 7 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.78 ng	318121	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	78
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	78
4	Dipropylene glycol	134	C6H14O3	025265-71-8	78
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

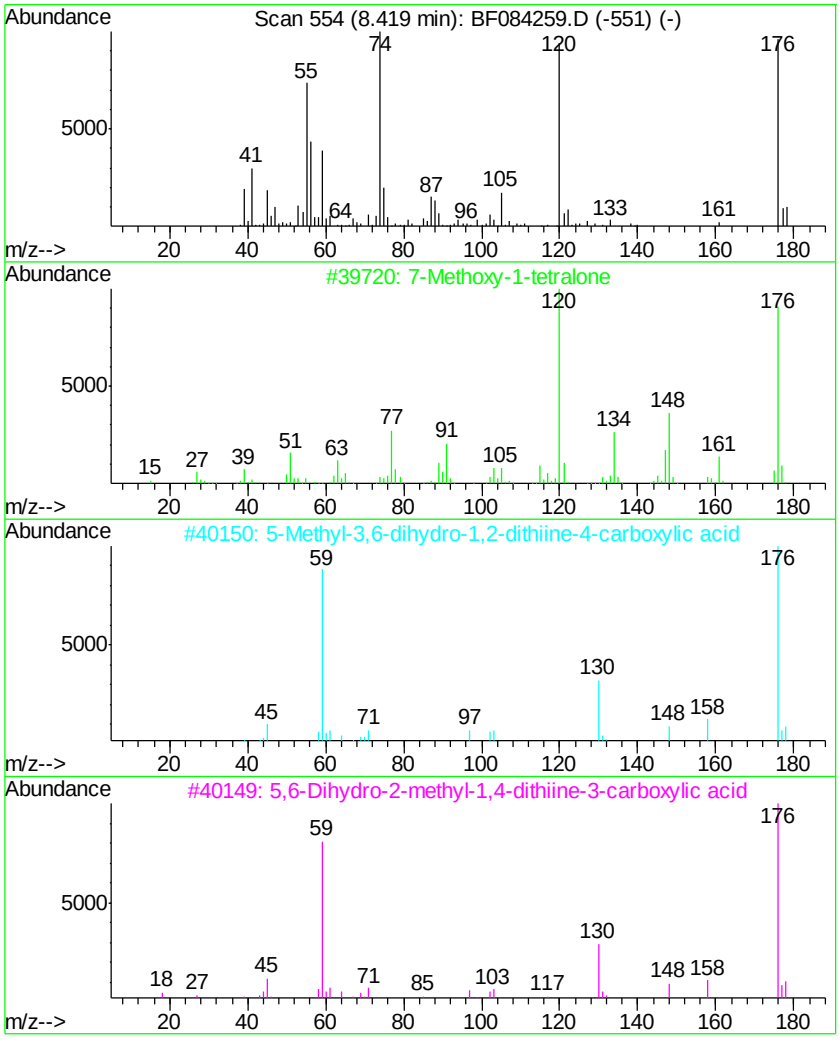
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

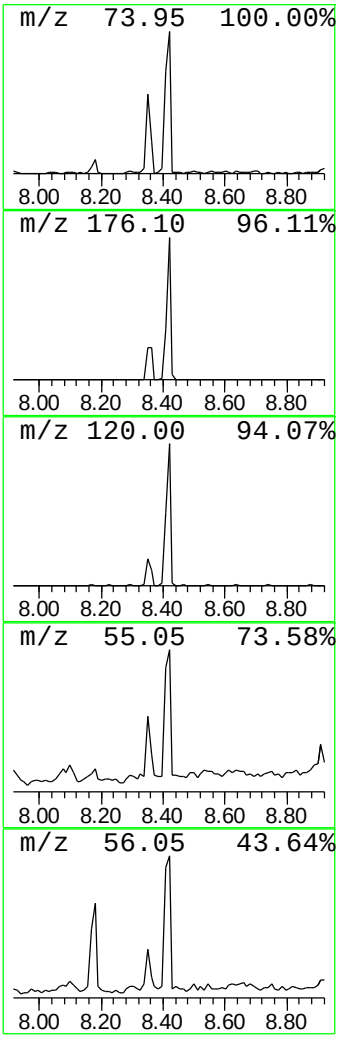
****

Peak Number 8 unknown8.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.59 ng	410622	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-1-tetralone	176	C11H12O2	006836-19-7	35
2	5-Methyl-3,6-dihydro-1,2-dithiin...	176	C6H8O2S2	1000147-09-6	22
3	5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	22
4	1,3-Dithiane	120	C4H8S2	000505-23-7	18
5	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

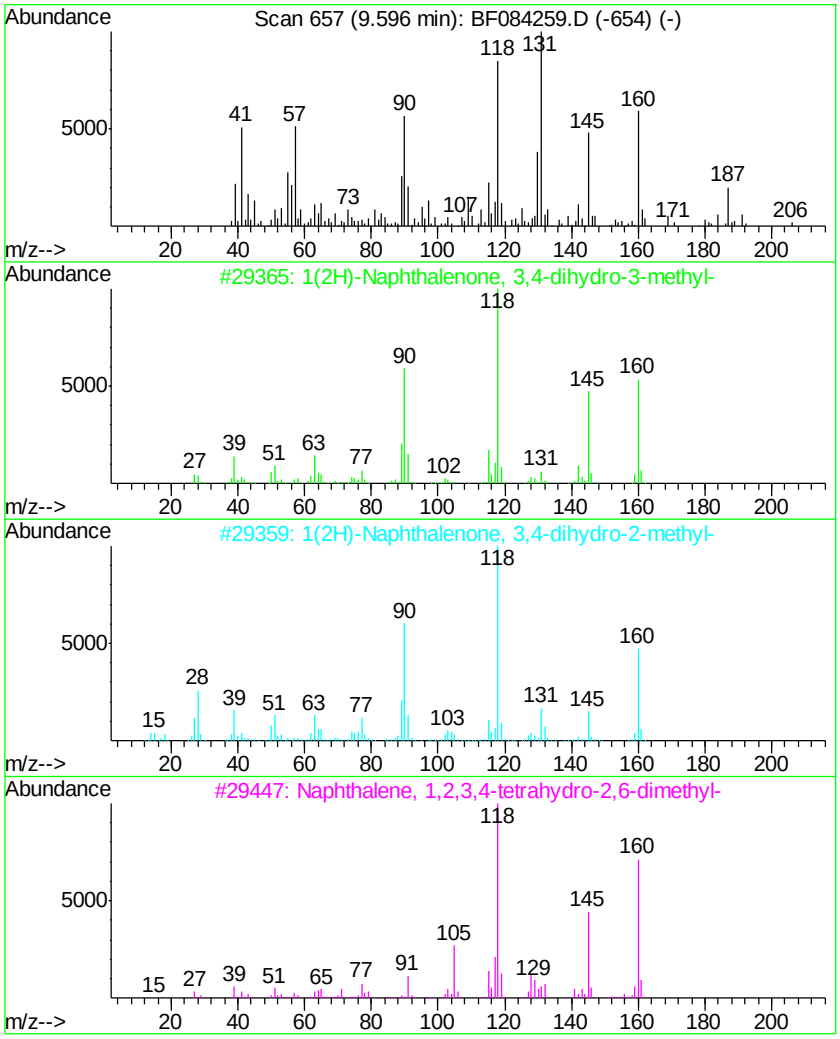
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

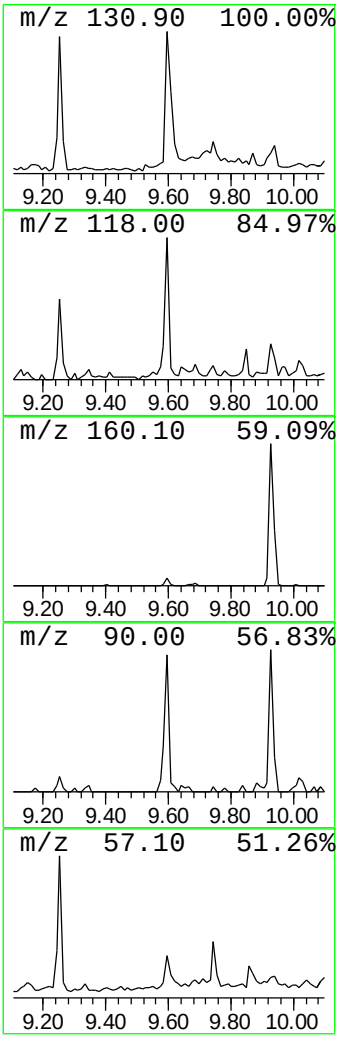
****

Peak Number 9 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.32 ng	385729	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	92
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084259.D
Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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

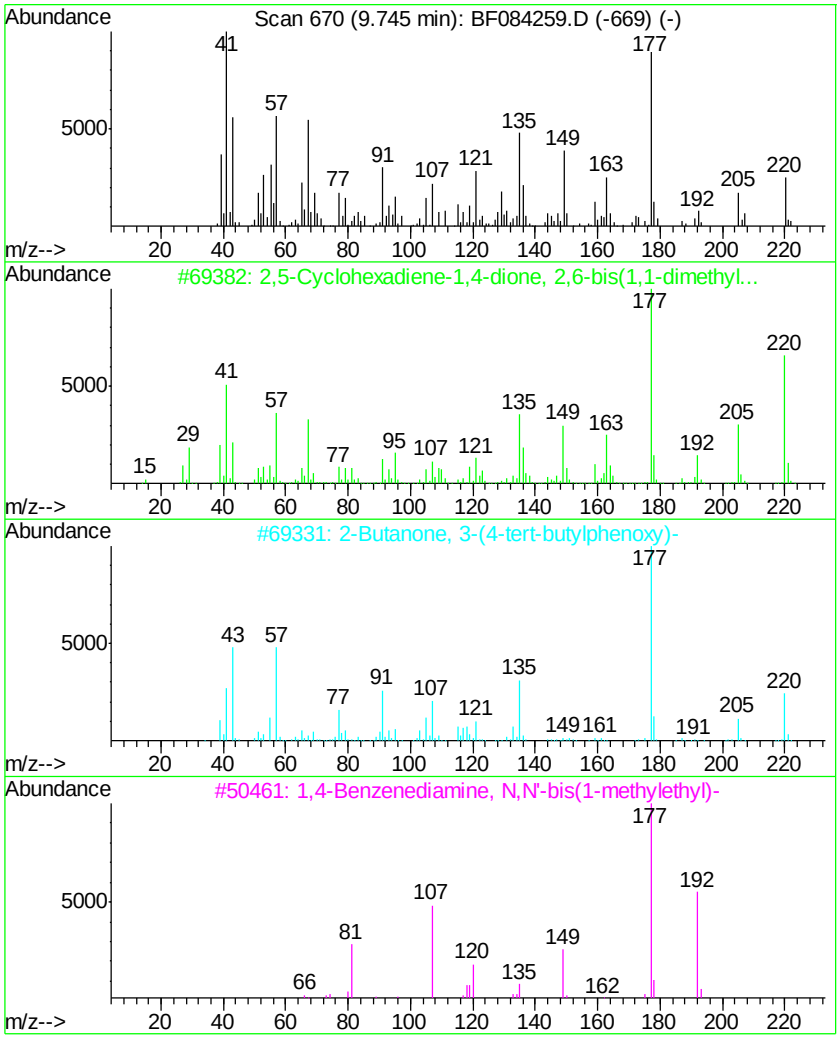
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

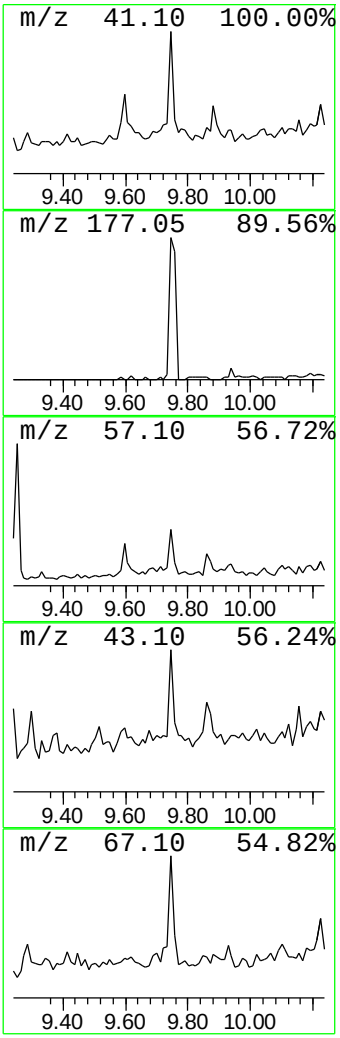
****

Peak Number 10 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.10 ng	360478	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	93
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	45
3	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	43
4	5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	35
5	1,4-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-09-9	27





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Acq On : 5 Jan 2016 2:17
Operator : UM/SJ
Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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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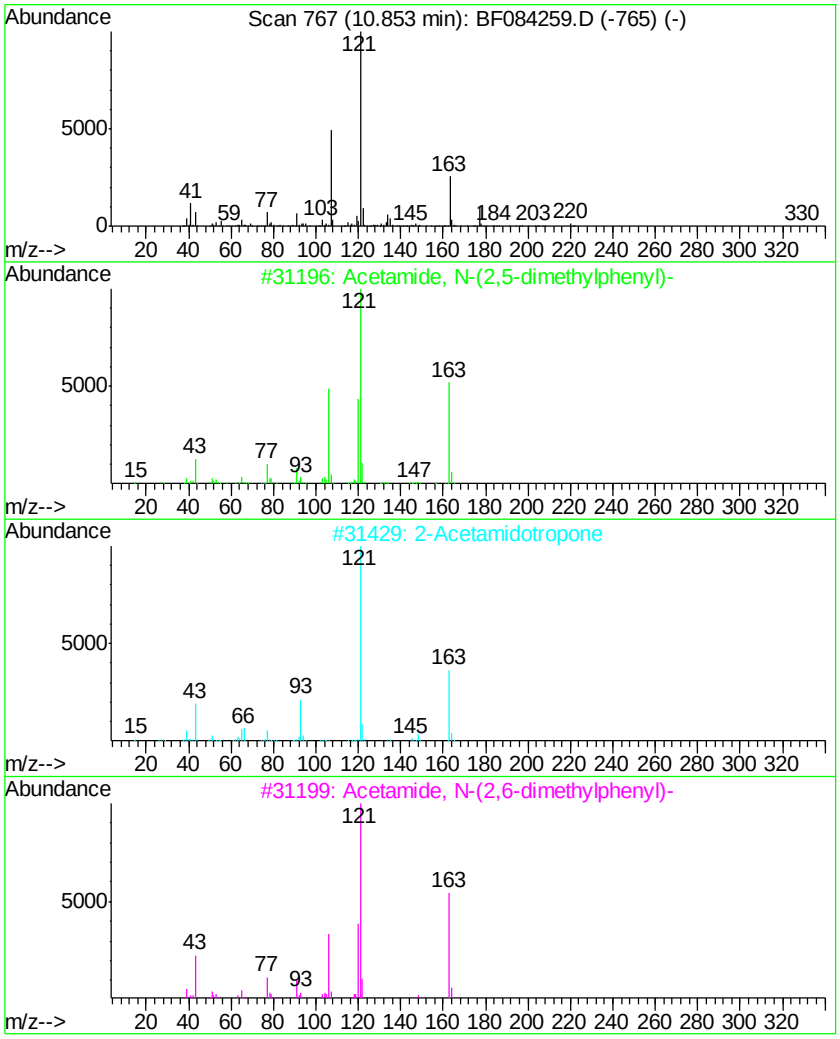
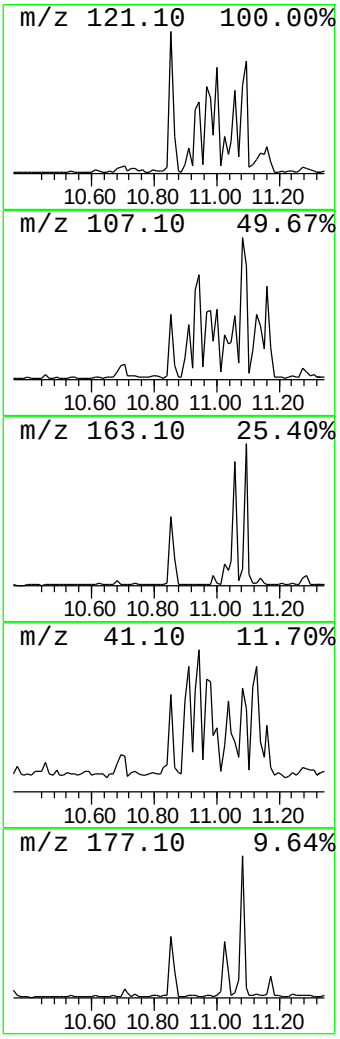
Peak Number 11 unknown10.85 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	10.23 ng	1058120	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	47
4	Anisole, o-octyl-	220	C15H24O	020056-59-1	43
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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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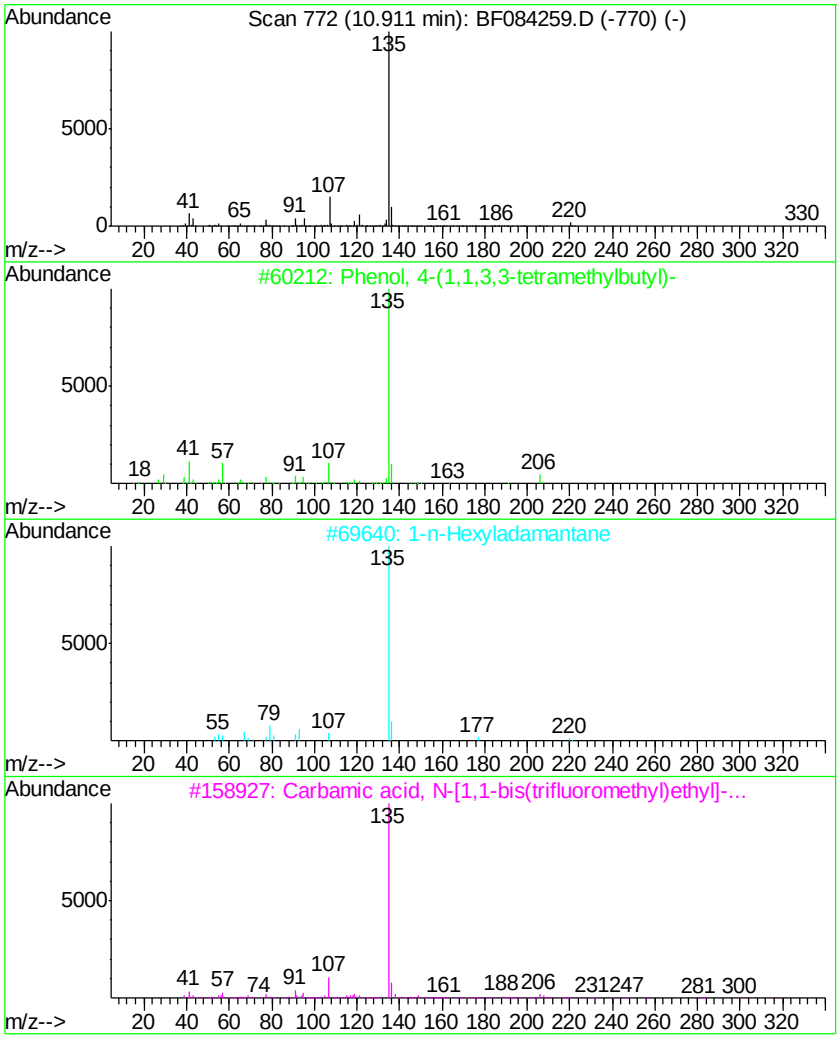
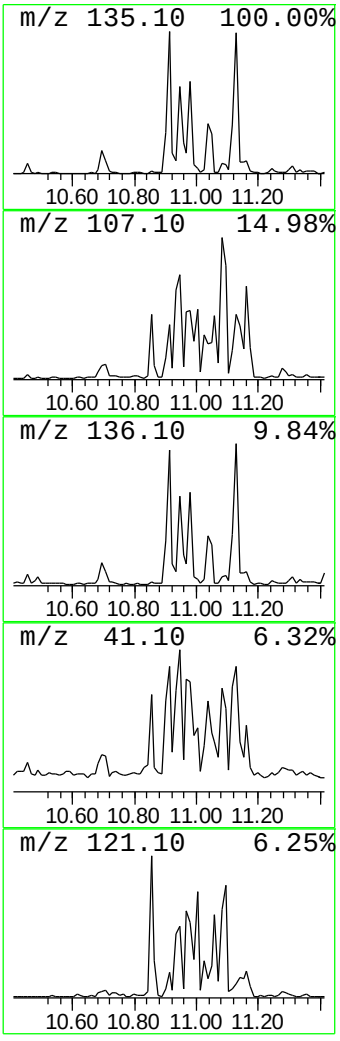
Peak Number 12 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	19.05 ng	1969680	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	78
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
4	Benzoic acid, 2-methoxy-, phenyl...	228	C14H12O3	010268-71-0	53
5	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	50





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Sample : G4990-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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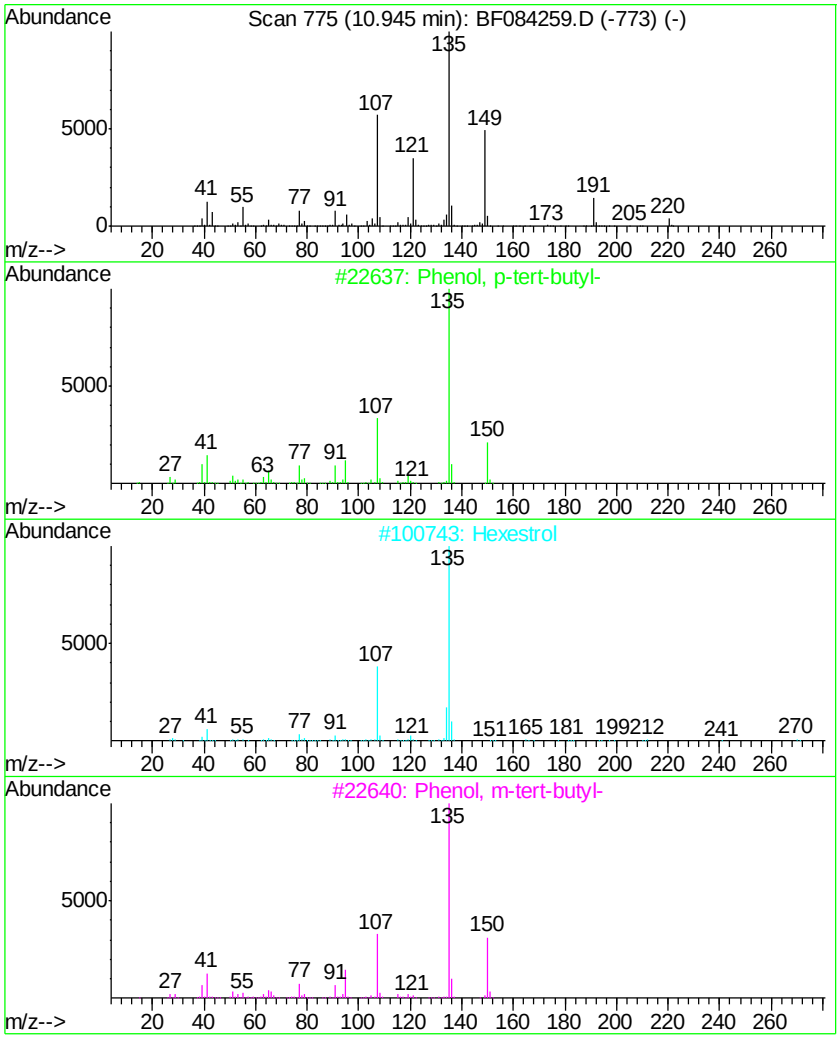
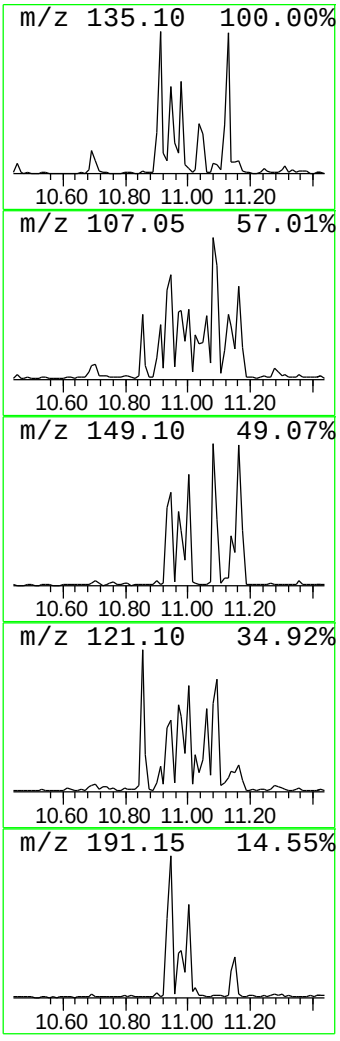
Peak Number 13 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	26.53 ng	2743590	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
2	Hexestrol	270	C18H22O2	005635-50-7	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	43





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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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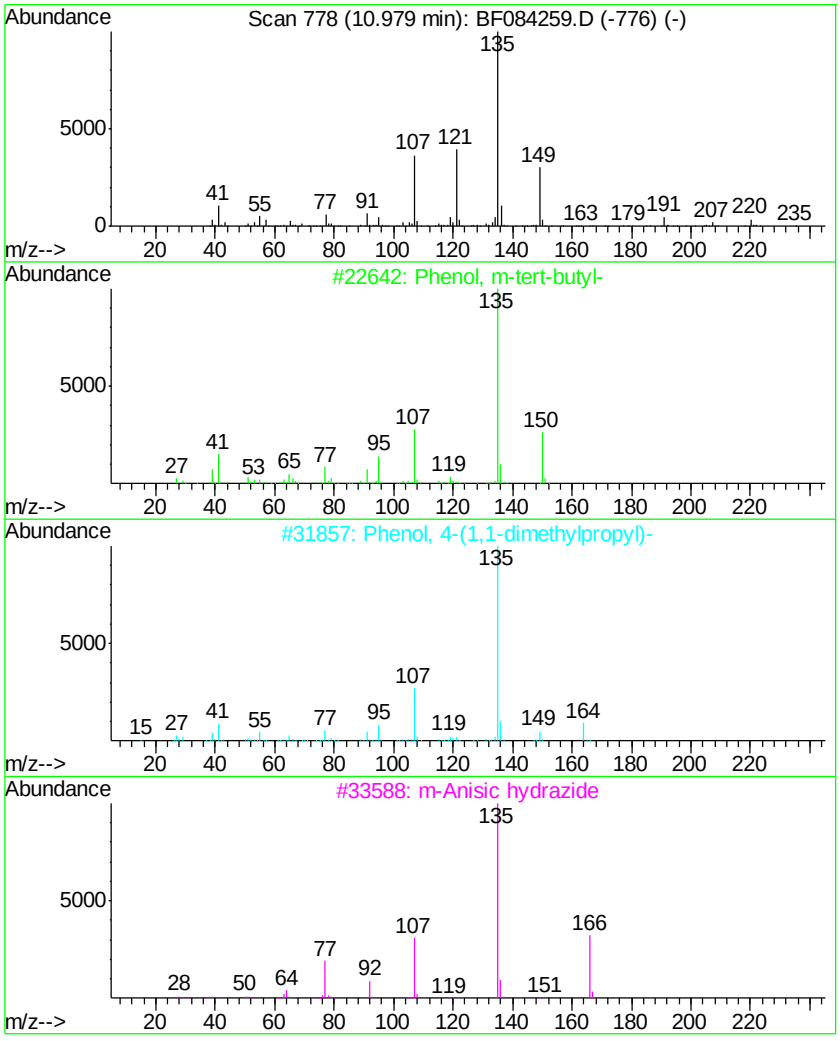
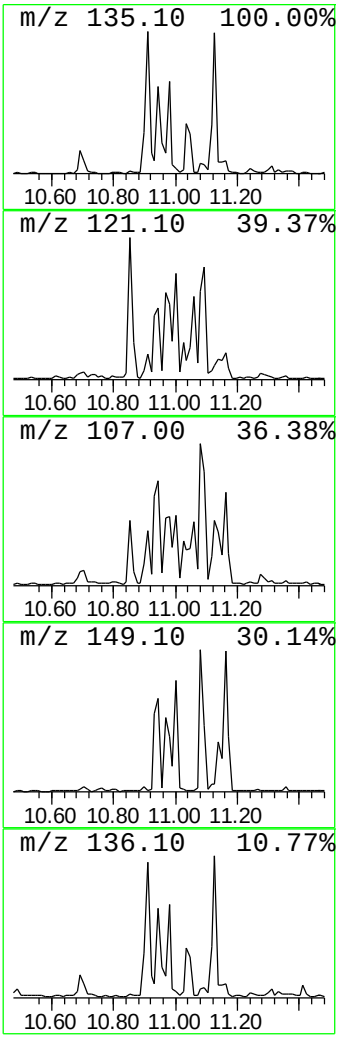
Peak Number 14 Phenol, m-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	33.82 ng	3498020	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	68
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	m-Anisic hydrazide	166	C8H10N2O2	005785-06-8	52
4	Hexestrol	270	C18H22O2	005635-50-7	50
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	50





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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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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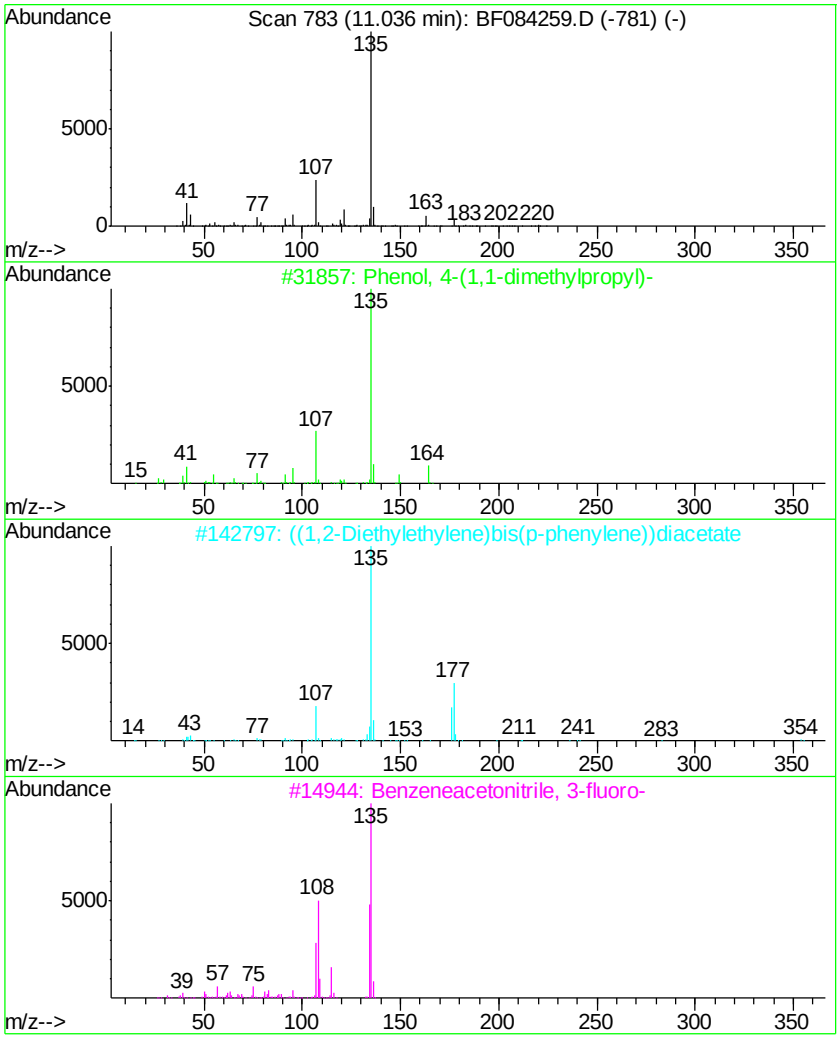
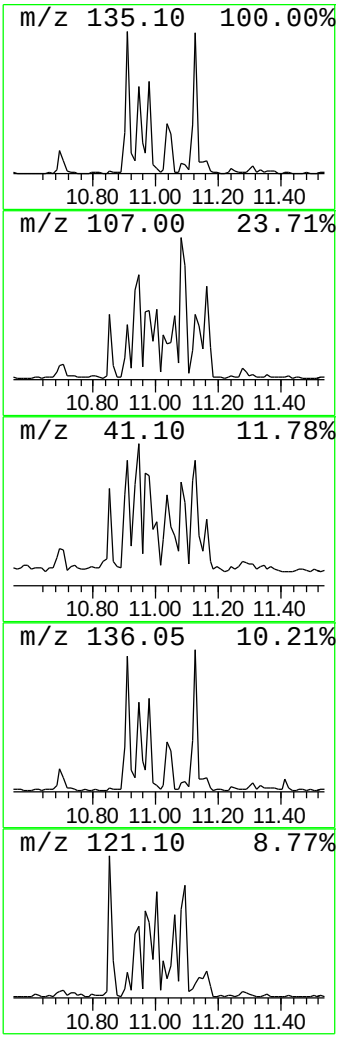
Peak Number 15 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	21.08 ng	2179710	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64
3	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	64
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59





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Sample : G4990-02
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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : W-31

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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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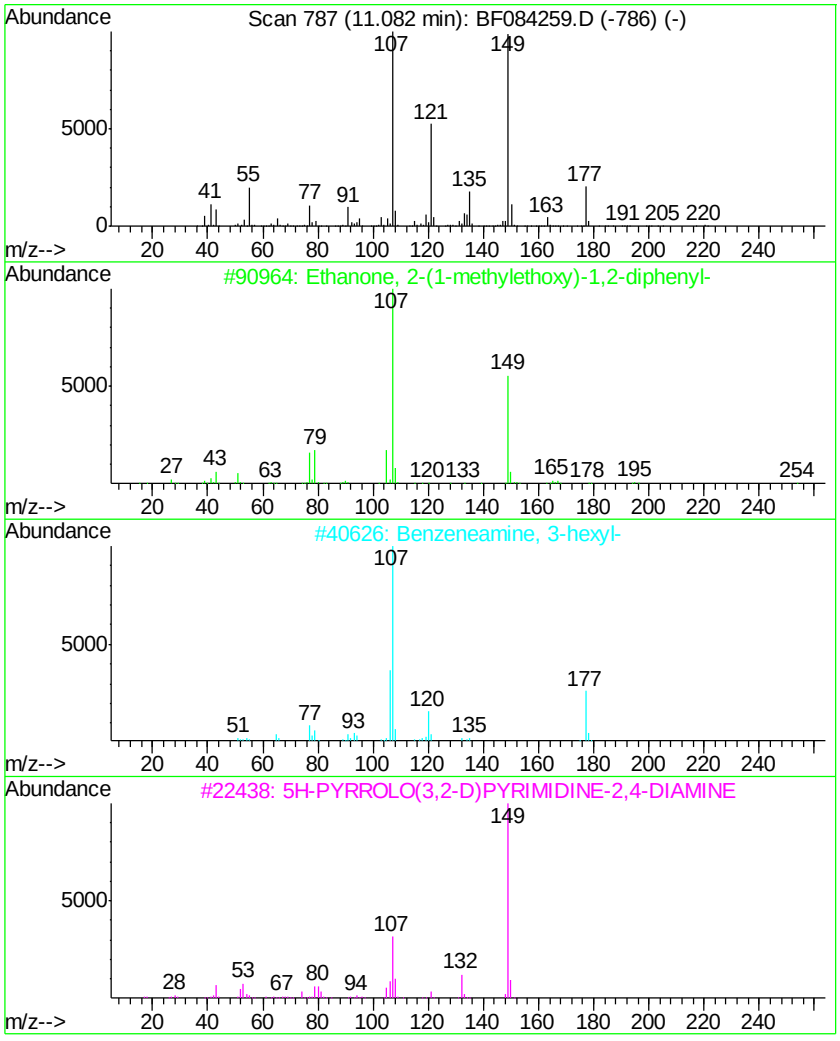
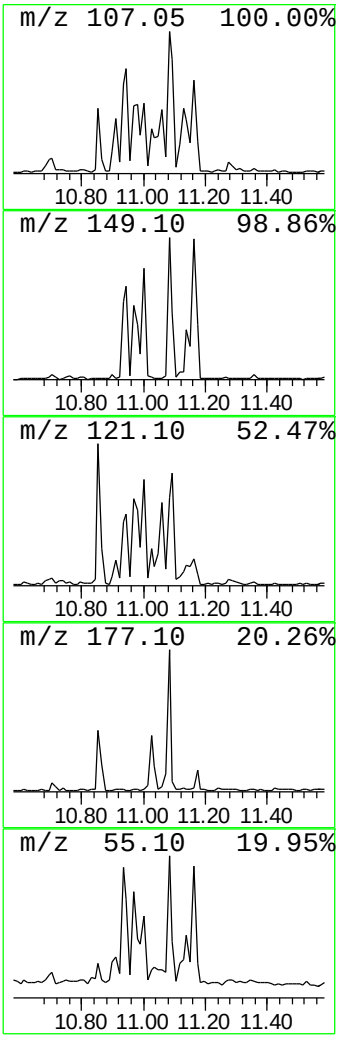
Peak Number 16 unknown11.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	23.82 ng	2463470	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	42
2	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	38
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





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Instrument : BNA_F
ClientSampleId : W-31

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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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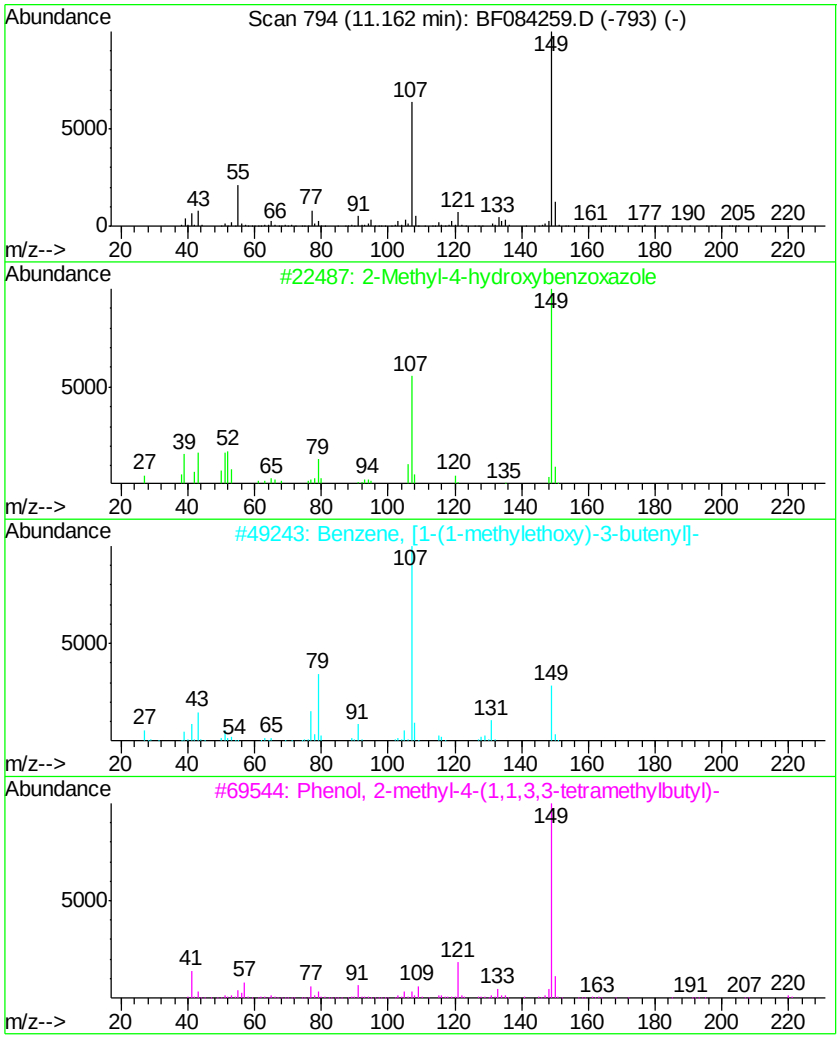
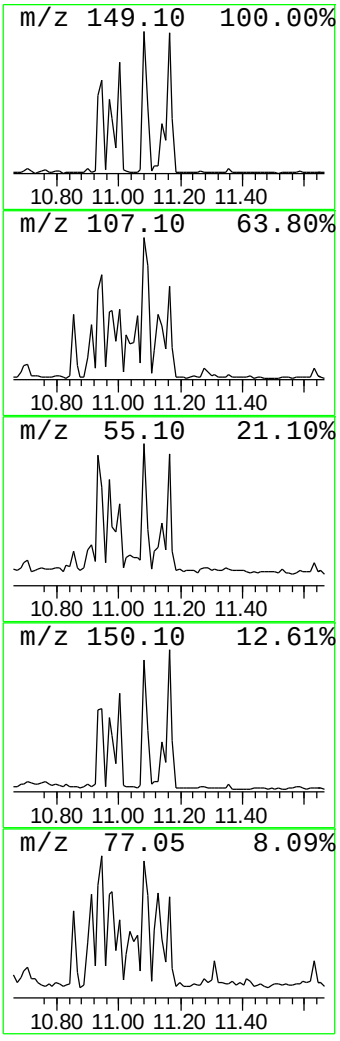
Peak Number 18 2-Methyl-4-hydroxybenzoxazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	11.20 ng	1158160	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	56
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
4	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	40
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40





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Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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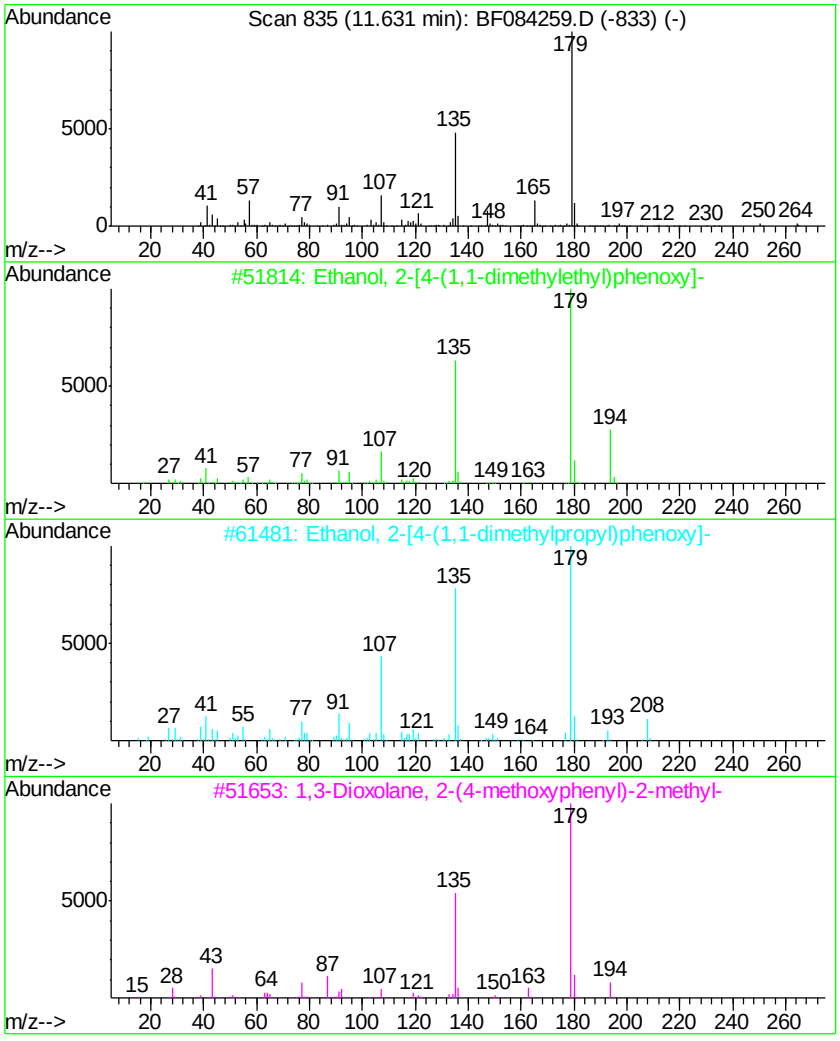
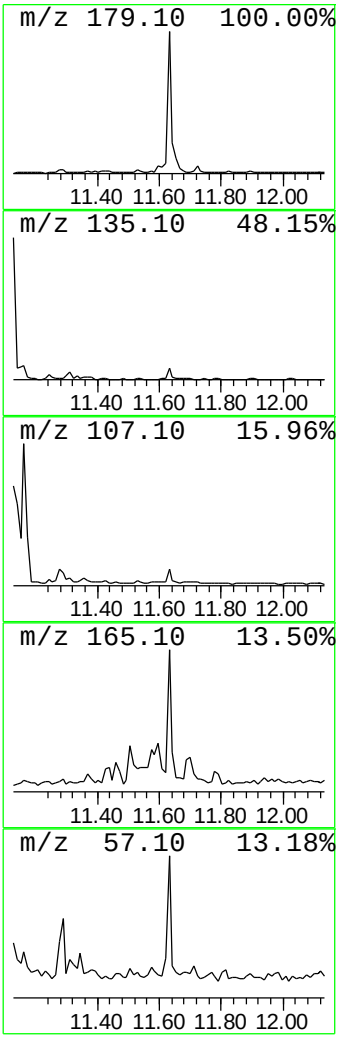
Peak Number 19 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.81 ng	497335	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	80
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	56
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	50
4	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	47
5	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	47





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TIC Integration Parameters: LSCINT.P

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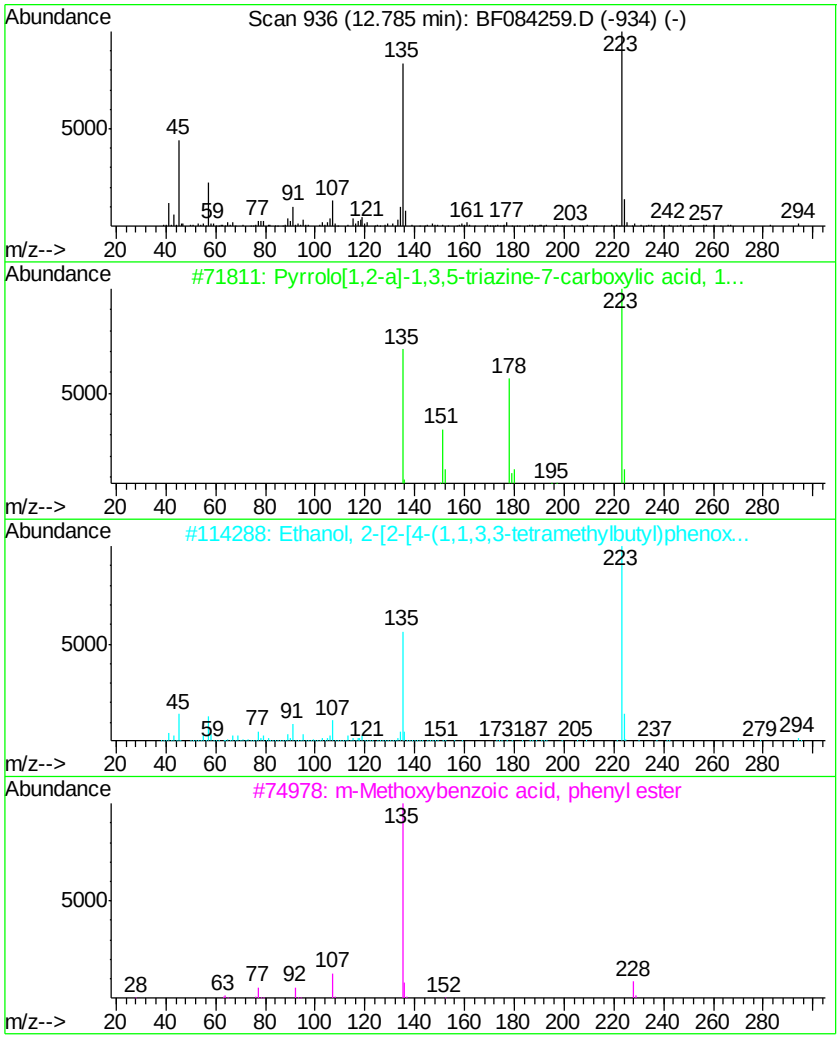
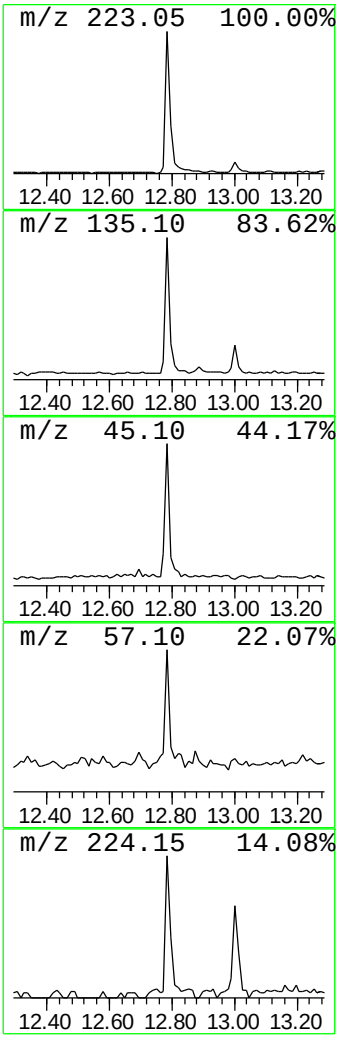
Peak Number 20 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.59 ng	261258	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	83
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	45
3	m-Methoxybenzoic acid, phenyl ester	228	C14H12O3	065853-67-0	35
4	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	35
5	3,5-Dihydropyrrolo(3,2-d)pyrimid...	135	C6H5N3O	005655-01-6	27





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2-methyl...	5.07	8.8	ng	792424	1	6.89	1792500	20.0
unknown6.66	6.66	72.3	ng	6480180	1	6.89	1792500	20.0
1-Butene, 3,3-dim...	6.97	2.9	ng	258036	1	6.89	1792500	20.0
1-Propanol, 2-(2-...	7.80	2.4	ng	272482	2	8.18	2290490	20.0
2-Propanol, 1-(2-...	7.82	2.8	ng	318121	2	8.18	2290490	20.0
unknown8.42	8.42	3.6	ng	410622	2	8.18	2290490	20.0
1(2H)-Naphthaleno...	9.60	3.3	ng	385729	3	9.93	2326020	20.0
2,5-Cyclohexadien...	9.74	3.1	ng	360478	3	9.93	2326020	20.0
unknown10.85	10.85	10.2	ng	1058120	4	11.41	2068400	20.0
Phenol, 4-(1,1,3,...	10.91	19.1	ng	1969680	4	11.41	2068400	20.0
Phenol, p-tert-bu...	10.94	26.5	ng	2743590	4	11.41	2068400	20.0
Phenol, m-tert-bu...	10.98	33.8	ng	3498020	4	11.41	2068400	20.0
Phenol, 4-(1,1-di...	11.04	21.1	ng	2179710	4	11.41	2068400	20.0
unknown11.08	11.08	23.8	ng	2463470	4	11.41	2068400	20.0
2-Methyl-4-hydrox...	11.16	11.2	ng	1158160	4	11.41	2068400	20.0
Ethanol, 2-[4-(1,...	11.63	4.8	ng	497335	4	11.41	2068400	20.0
Pyrrolo[1,2-a]-1,...	12.79	3.6	ng	261258	5	14.05	1456390	20.0