LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.263	536	540	549	rVB	986655	928794	1.57%	0.255%
2	6.263	706	710	714	rBV	1001099	1008792	1.70%	0.277%
3	6.345	714	724	727	rVV	4334382	9212824	15.54%	2.529%
4	6.981	818	832	835	rBV	10551737	31248312	52.71%	8.577%
5	7.163	847	863	865	rBV	10193292	32013525	54.00%	8.787%
6	7.263	873	880	887	rVB2	1304790	1973611	3.33%	0.542%
7	7.392	894	902	905	rBV	5731464	7292184	12.30%	2.002%
8	7.545	921	928	935	rBV	3693894	4740058	8.00%	1.301%
9	7.698	935	954	957	rBV2	12207142	42055877	70.94%	11.544%
10	7.792	959	970	972	rBV	9309182	22676289	38.25%	6.224%
11	8.010	996	1007	1008	rBV2	10964247	25497038	43.01%	6.998%
12	8.033	1009	1011	1013	rVV	12578719	9069185	15.30%	2.489%
13	8.081	1016	1019	1024	rVB3	664684	920975	1.55%	0.253%
14	8.175	1028	1035	1037	rBV	5415563	7074494	11.93%	1.942%
15	8.198	1037	1039	1042	rVV	1678190	1840606	3.10%	0.505%
16	8.239	1042	1046	1048	rVV	4520884	5449466	9.19%	1.496%
17	8.275	1048	1052	1055	rVB	6524818	6819296	11.50%	1.872%
18	8.428	1059	1078	1082	rBV2	11829575	59287377	100.00%	16.273%
19	8.492	1082	1089	1091	rVV2	6929349	16882986	28.48%	4.634%
20	8.522	1091	1094	1100	rVB	8237114	10262459	17.31%	2.817%
21	8.586	1100	1105	1109	rBV2	1098774	1362020	2.30%	0.374%
22	8.651	1114	1116	1118	rBV	1223213	1230151	2.07%	0.338%
23	8.692	1118	1123	1128	rVV2	2460800	4308030	7.27%	1.182%
24	8.751	1128	1133	1140	rVV2	6664979	10432734	17.60%	2.864%
25	8.798	1140	1141	1146	rVB	1005253	836736	1.41%	0.230%
26	8.857	1146	1151	1152	rBV	3050722	3438113	5.80%	0.944%
27	8.875	1152	1154	1162	rVB2	4298133	4982411	8.40%	1.368%
28	8.939	1162	1165	1168	rVB2	790685	890725	1.50%	0.244%
29	8.969	1168	1170	1177	rVB3	1233975	1526347	2.57%	0.419%
30	9.045	1177	1183	1186	rVB	2792533	2721259	4.59%	0.747%
31	9.304	1223	1227	1234	rBV3	591949	822358	1.39%	0.226%
32	9.710	1290	1296	1298	rBV	686290	648462	1.09%	0.178%
33	9.869	1317	1323	1327	rBV2	1506552	2264840	3.82%	0.622%
34	10.139	1361	1369	1372	rVB	1217065	2217083	3.74%	0.609%
35	10.486	1426	1428	1439	rVB	1241784	1273868	2.15%	0.350%
36	10.851	1481	1490	1496	rVB	891153	2850710	4.81%	0.782%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.180	1540	1546	1548	rVV2	713868	956057	1.61%	0.262%
38	11.380	1575	1580	1582	rBV	761782	747932	1.26%	0.205%
39	11.469	1592	1595	1601	rBV3	793125	1268793	2.14%	0.348%
40	11.533	1601	1606	1609	rBV2	1790149	1798437	3.03%	0.494%
41	11.692	1630	1633	1635	rBV2	711015	624860	1.05%	0.172%
42	11.927	1665	1673	1681	rBV	6114260	6537105	11.03%	1.794%
43	12.045	1690	1693	1695	rVV3	671667	666683	1.12%	0.183%
44	12.069	1695	1697	1699	rVV	1225251	1096145	1.85%	0.301%
45	12.092	1699	1701	1704	rVB	988607	799988	1.35%	0.220%
46	12.204	1716	1720	1722	rBV2	1126777	1052035	1.77%	0.289%
47	12.280	1730	1733	1740	rVB	1260181	1558048	2.63%	0.428%
48	12.404	1751	1754	1758	rVB4	1021438	1389569	2.34%	0.381%
49	12.533	1773	1776	1779	rVB3	782362	894107	1.51%	0.245%
50	12.639	1791	1794	1798	rBV5	497521	749050	1.26%	0.206%
51	12.768	1810	1816	1818	rBV	1973300	1868463	3.15%	0.513%
52	12.857	1826	1831	1838	rVB4	600752	1214765	2.05%	0.333%
53	12.921	1839	1842	1846	rBV3	474537	619878	1.05%	0.170%
54	13.504	1934	1941	1945	rBV	1166775	1529025	2.58%	0.420%
55	13.804	1989	1992	1997	rVB2	691637	892790	1.51%	0.245%

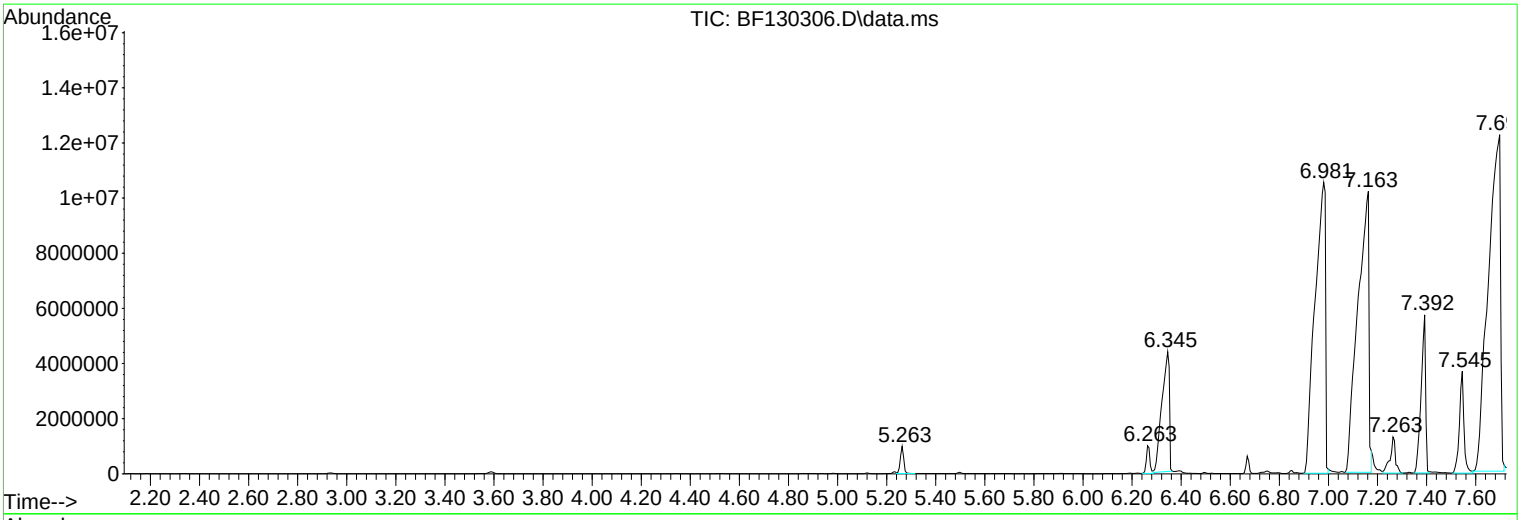
Sum of corrected areas: 364323725

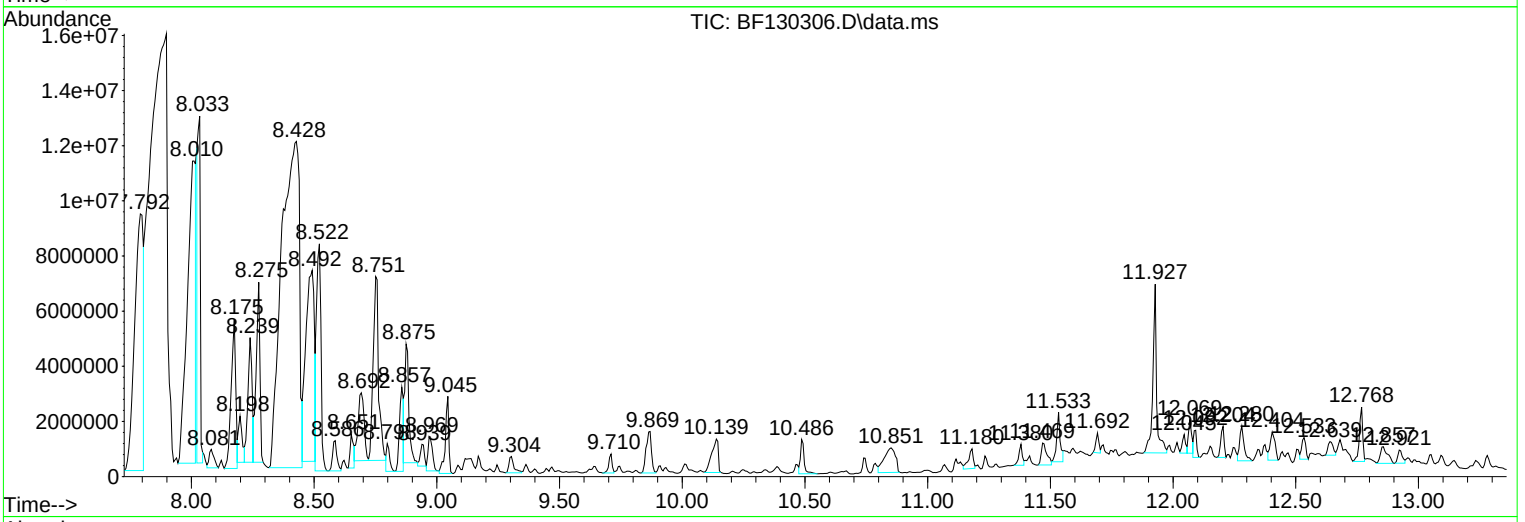
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

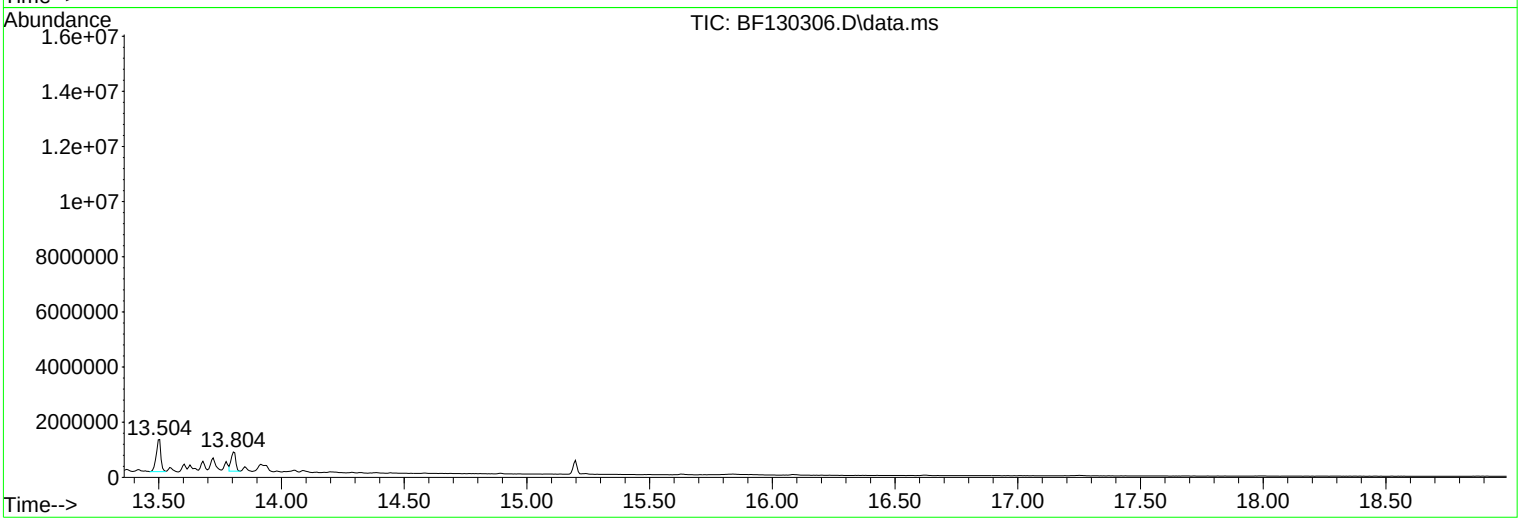
Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

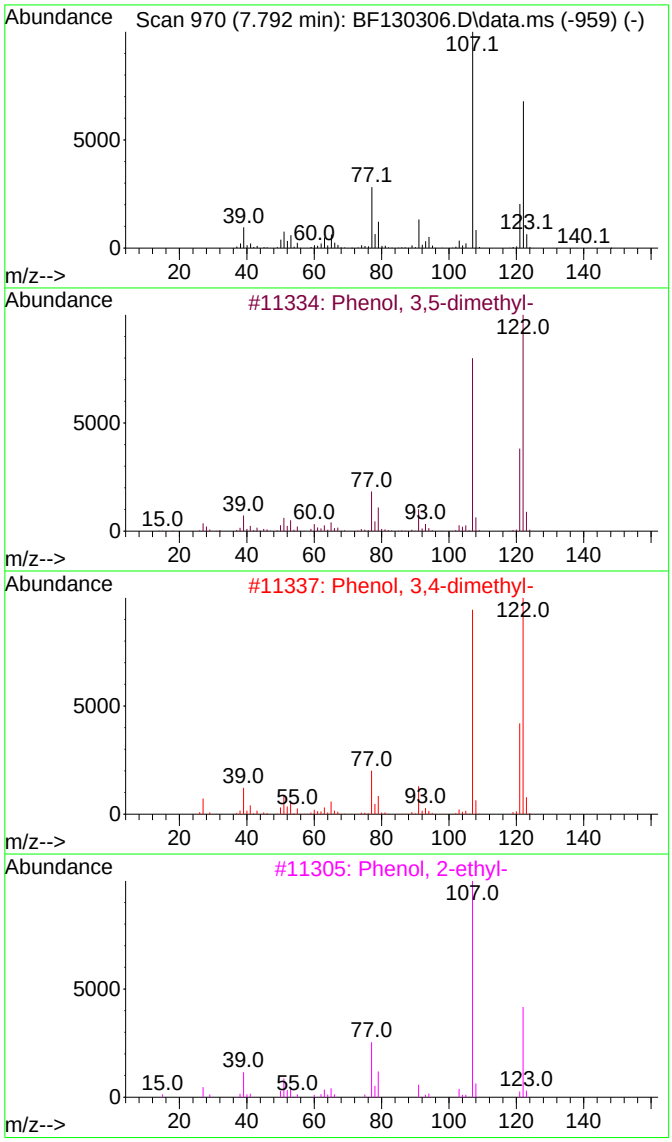
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

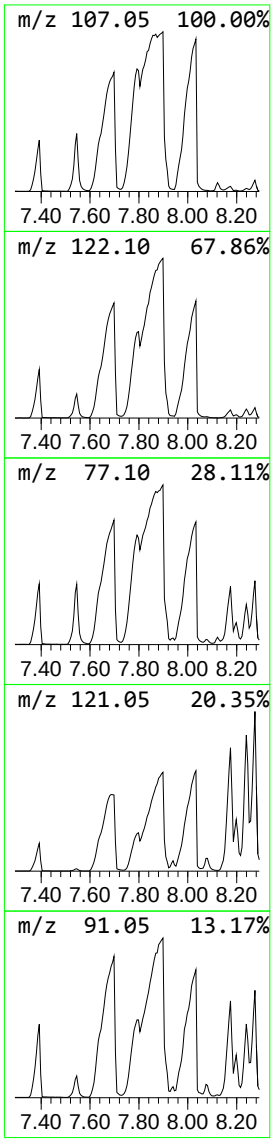
****

Peak Number 1 Phenol, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	17.79 ng	22676300	Naphthalene-d8	7.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

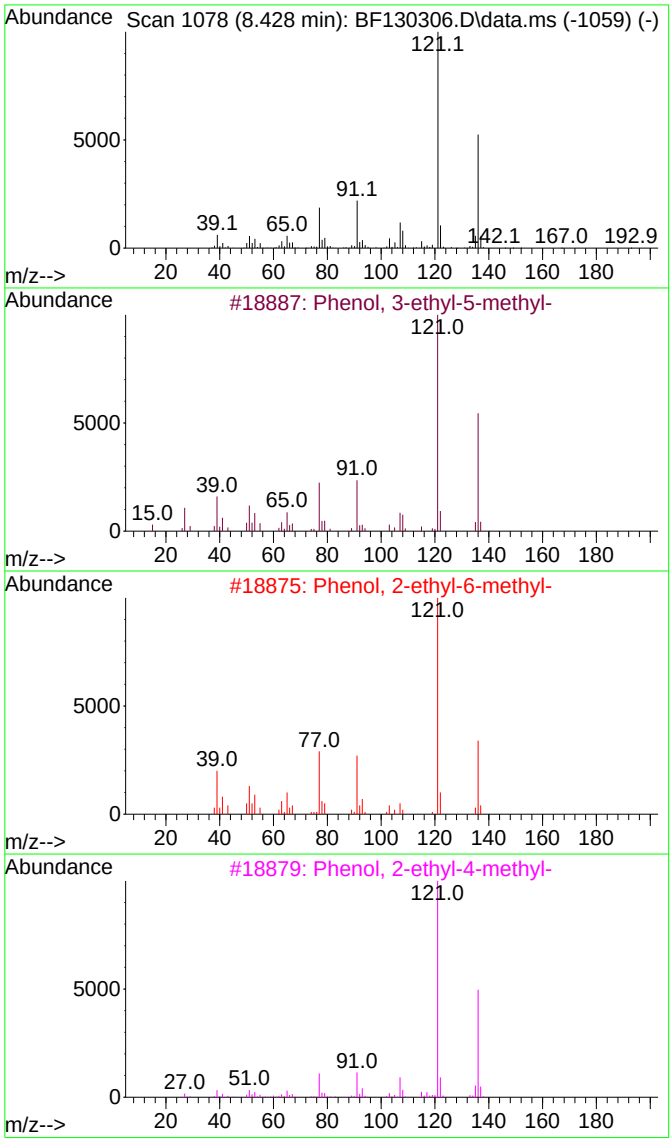
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

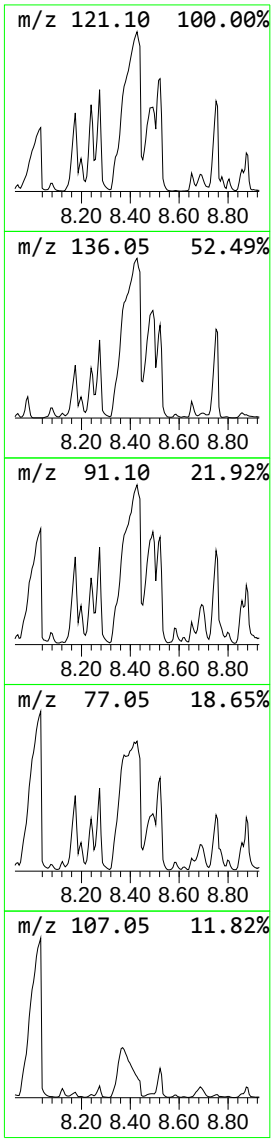
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 3-ethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	46.51 ng	59287400	Naphthalene-d8	7.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	94
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	87
5	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

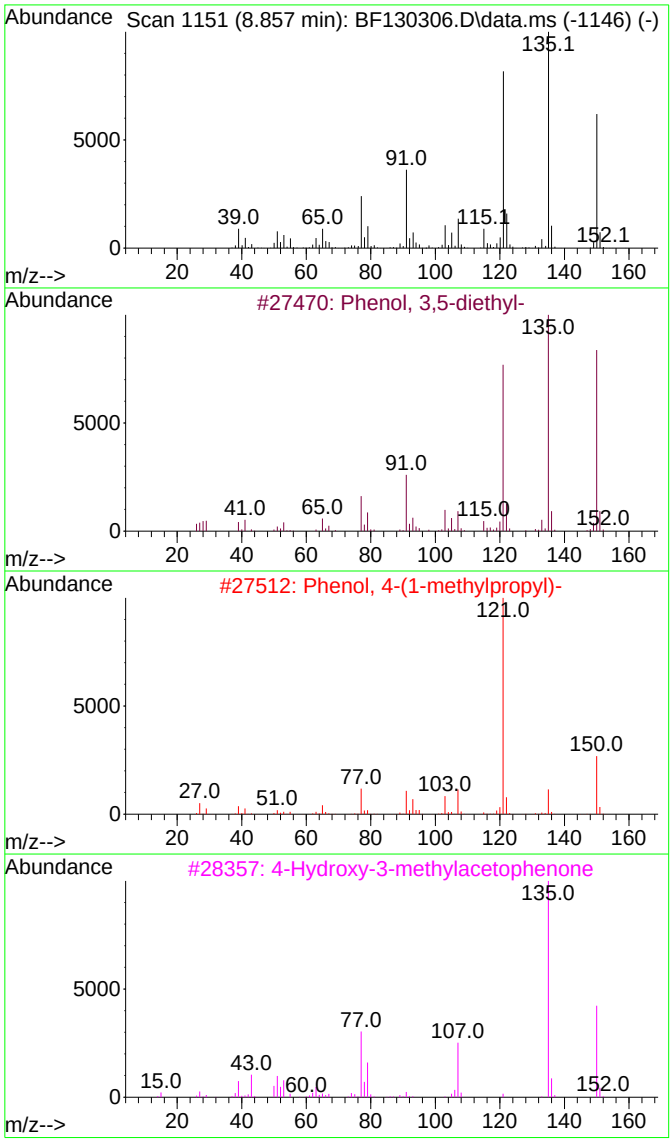
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

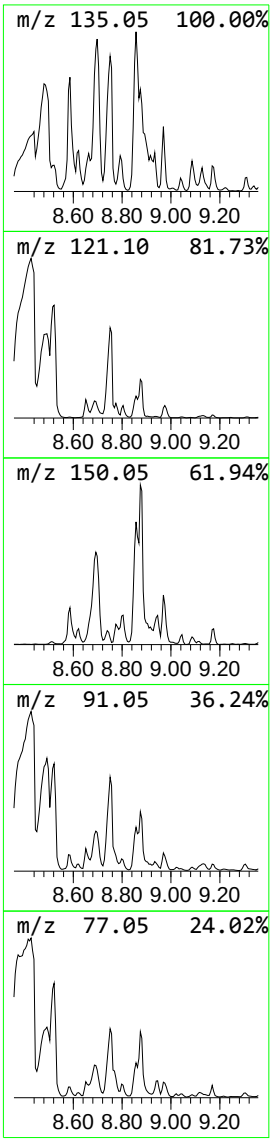
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3,5-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.857	106.04 ng	3438110	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	96
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	60
4	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	60
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

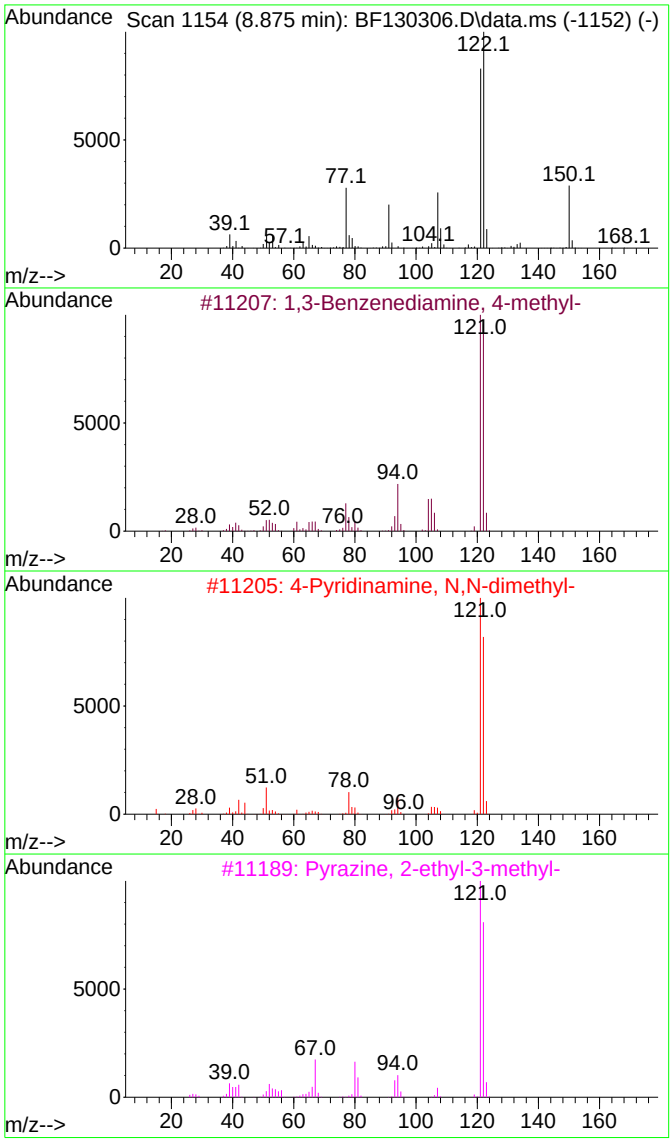
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

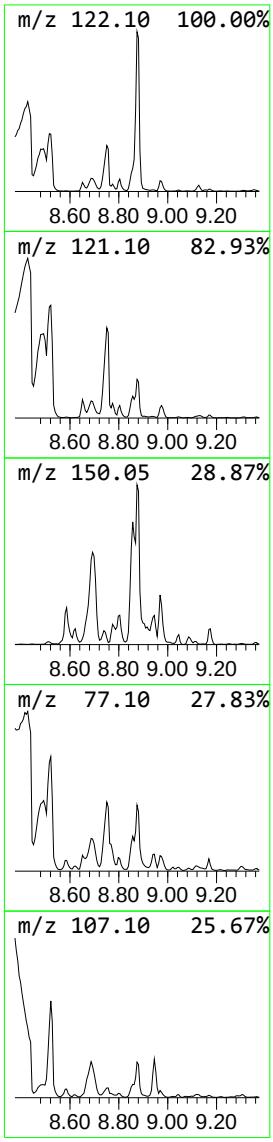
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Benzenediamine, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	153.67 ng	4982410	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	58
2	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	52
3	Pyrazine, 2-ethyl-3-methyl-	122	C7H10N2	015707-23-0	52
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	50
5	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

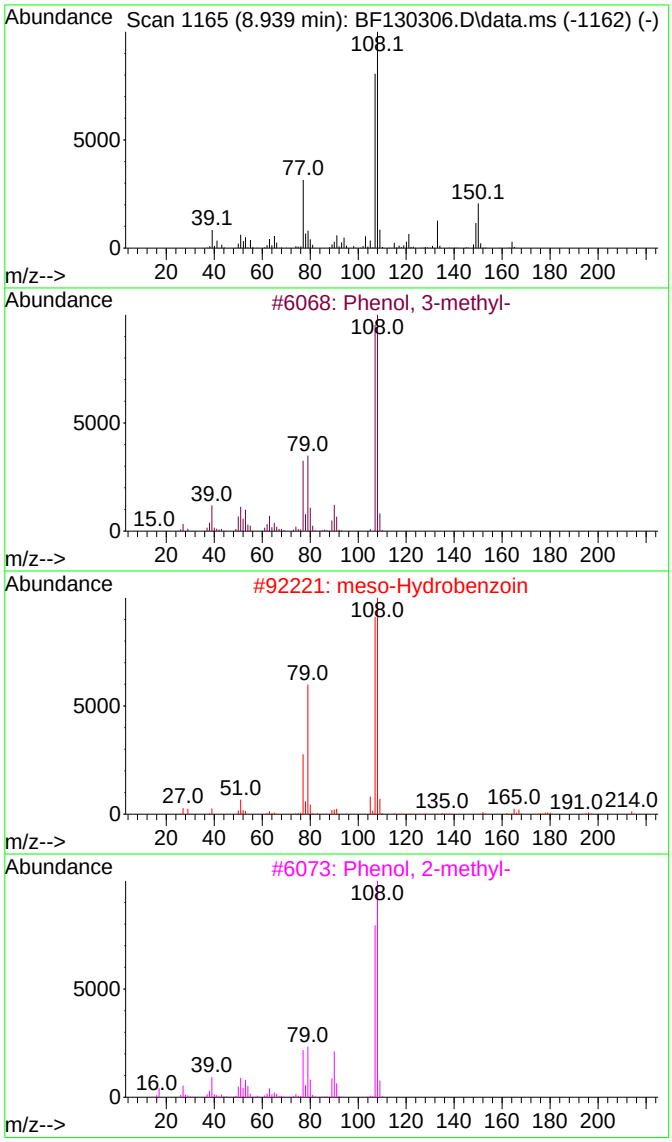
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

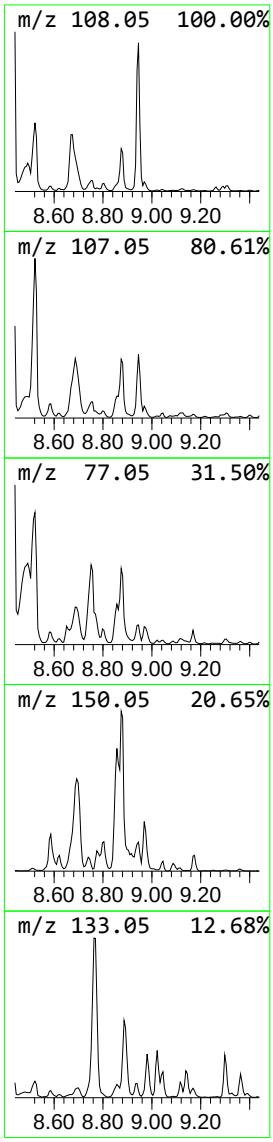
****

Peak Number 5 Phenol, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	27.47 ng	890725	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-	108	C7H8O	000108-39-4	64
2	meso-Hydrobenzoin	214	C14H14O2	000579-43-1	59
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	58
4	4-Methylphenol, isopropyl ether	150	C10H14O	1000395-16-4	58
5	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

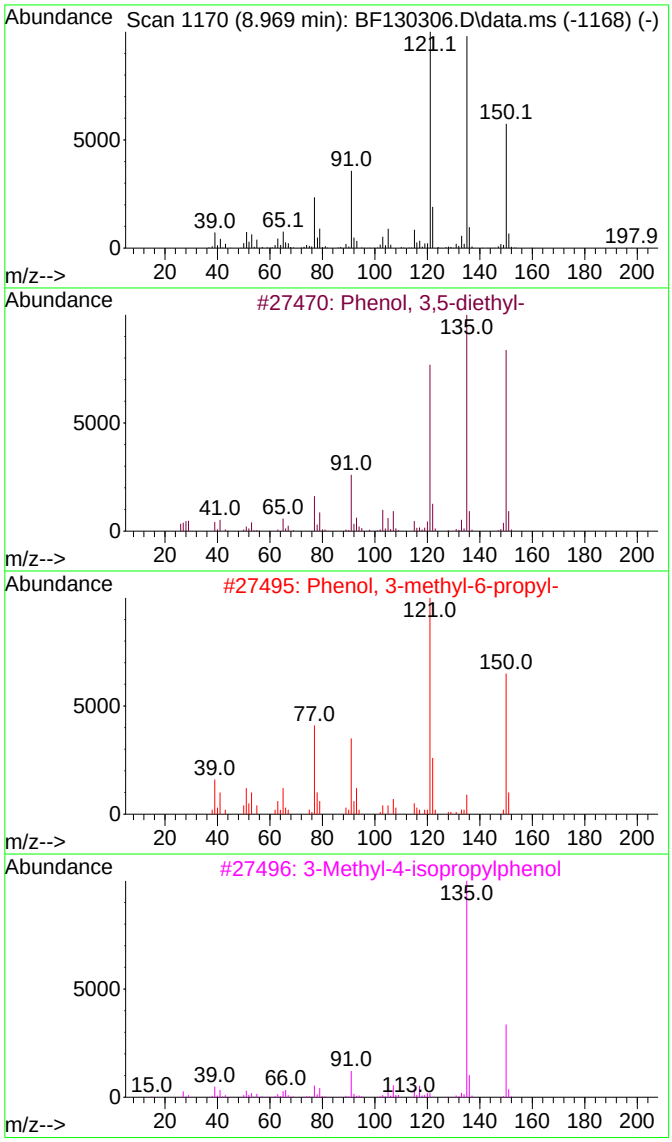
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

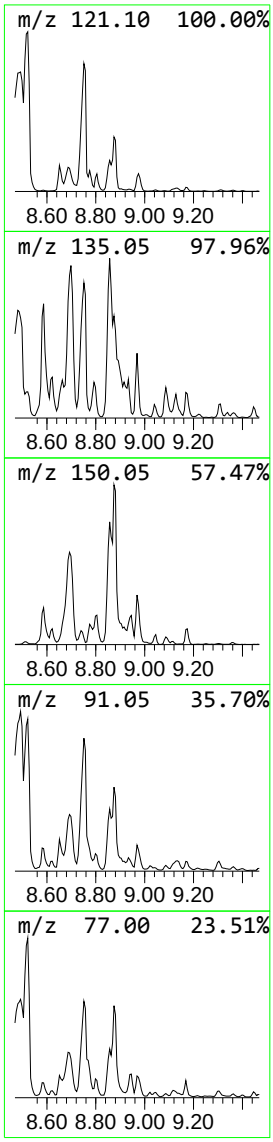
****

Peak Number 6 Phenol, 3-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.969	47.08 ng	1526350	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	90
2	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	58
3	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	53
4	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	52
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

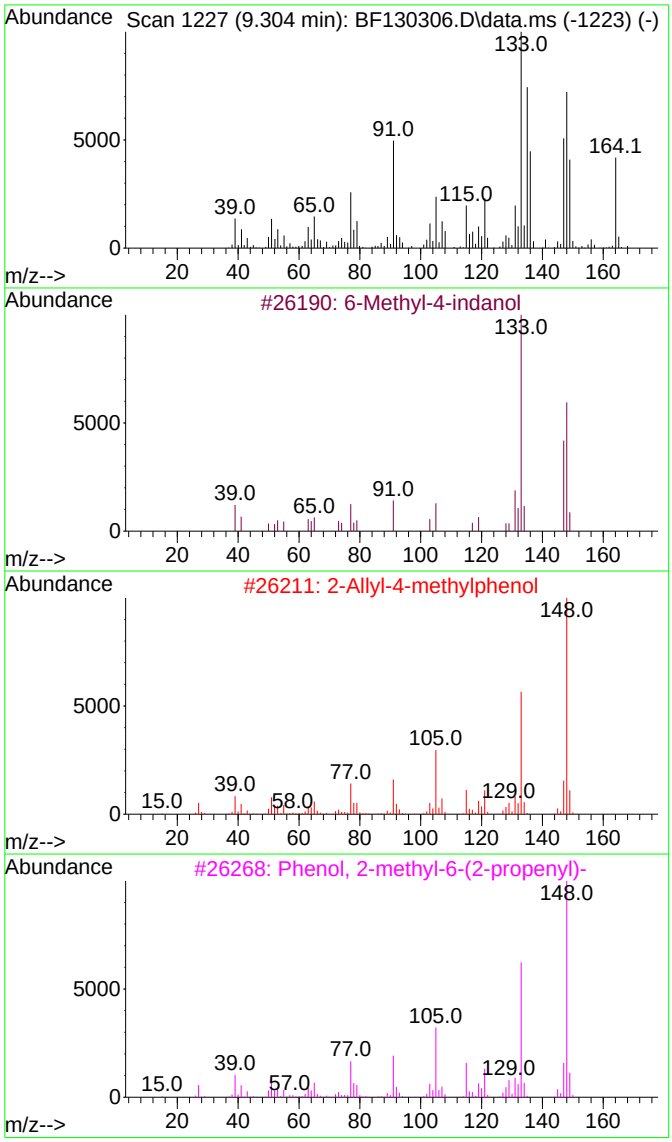
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

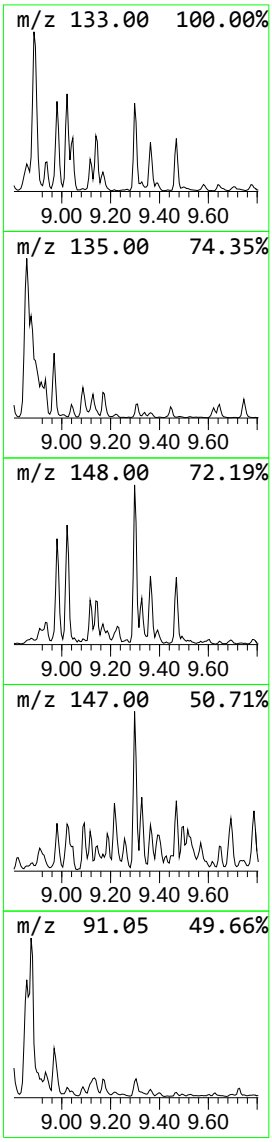
****

Peak Number 7 6-Methyl-4-indanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	25.36 ng	822358	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	64
2	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	42
3	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	42
4	Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	42
5	Benzoic acid, 2,4-dimethyl-, met...	164	C10H12O2	023617-71-2	38





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Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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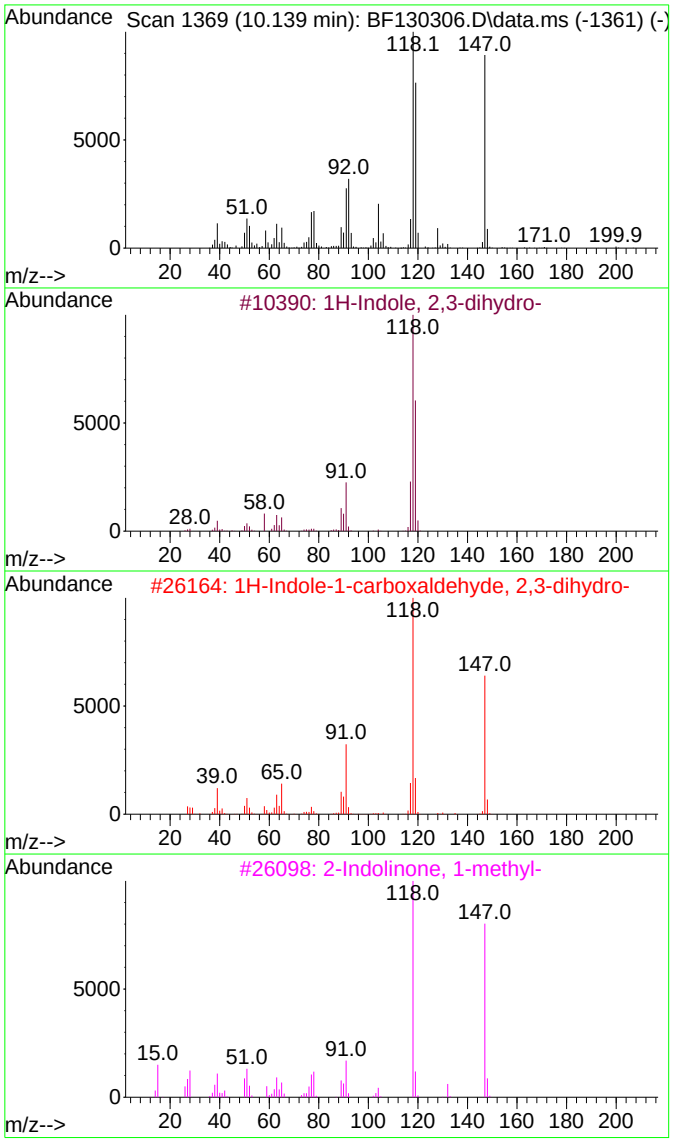
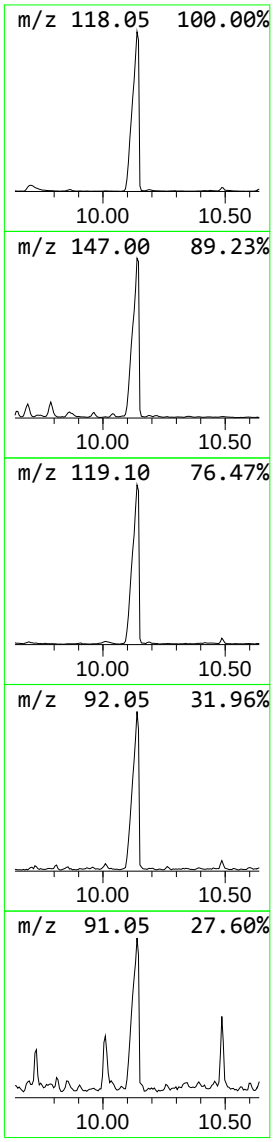
Peak Number 8 1H-Indole, 2,3-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	68.38 ng	2217080	Acenaphthene-d10	9.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	87
2	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	60
3	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	55
4	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	53
5	Aziridine, 2-phenyl-	119	C8H9N	001499-00-9	53





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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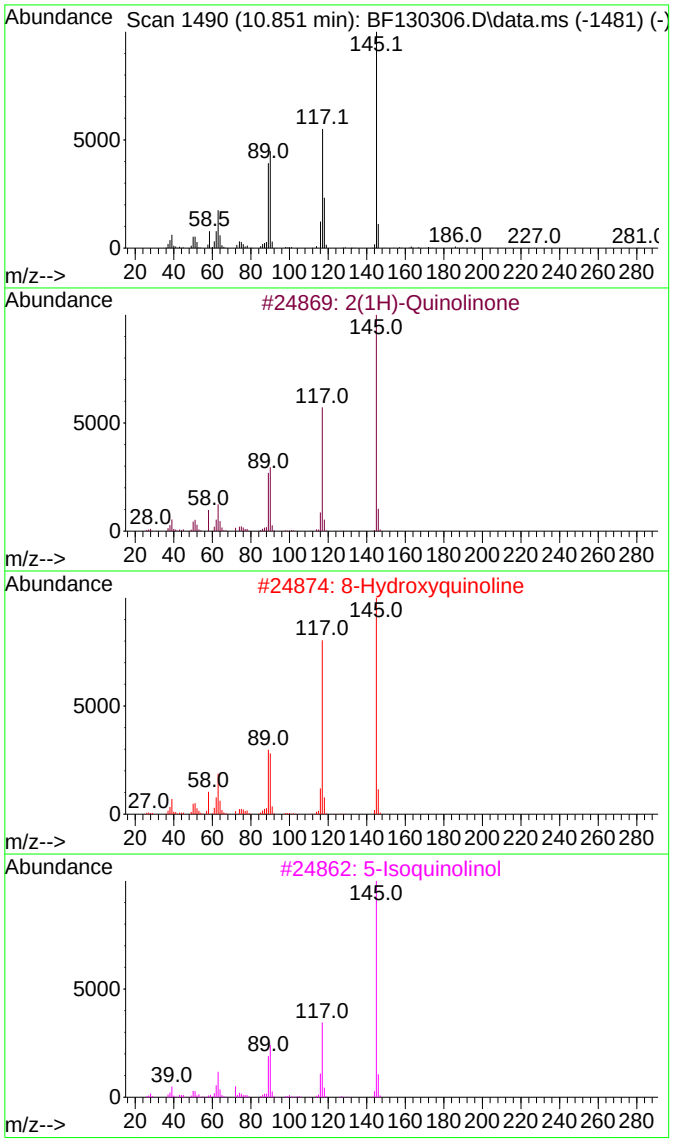
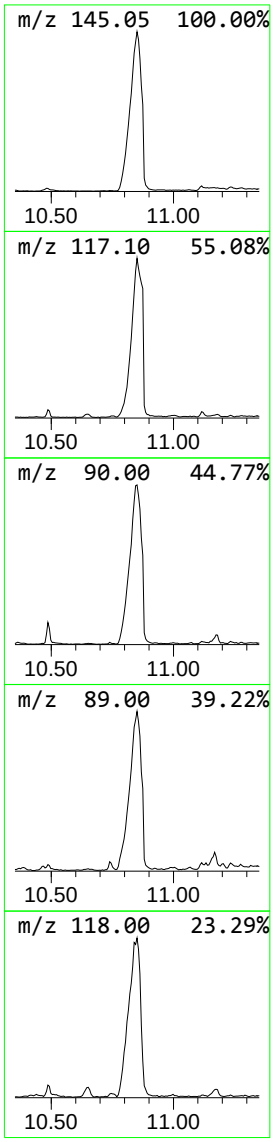
Peak Number 9 2(1H)-Quinolinone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	59.63 ng	2850710	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	93
2	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	93
3	5-Isoquinolinol	145	C9H7NO	002439-04-5	90
4	Oxazole, 4-phenyl-	145	C9H7NO	020662-89-9	87
5	3-Quinolinol	145	C9H7NO	000580-18-7	81





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ClientSampleId :
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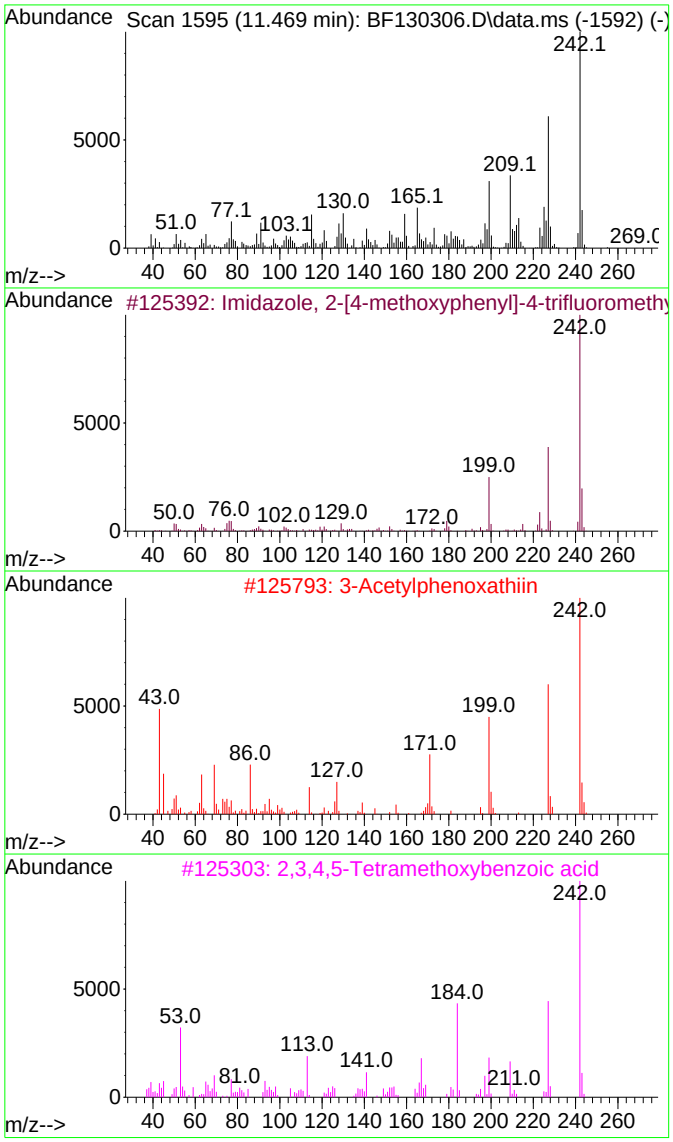
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

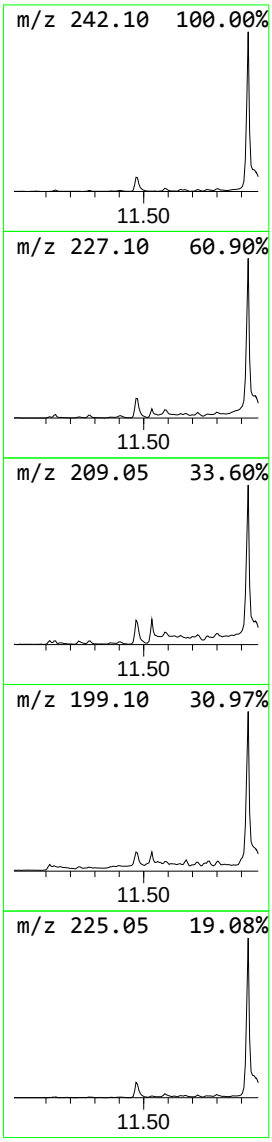
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Imidazole, 2-[4-methoxyphen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	26.54 ng	1268790	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-[4-methoxyphenyl]-4...	242	C11H9F3N2O	033469-37-3	91
2	3-Acetylphenoxathiin	242	C14H10O2S	177937-77-8	70
3	2,3,4,5-Tetramethoxybenzoic acid	242	C11H14O6	072023-44-0	62
4	1H-1,2,4-Triazole, 3,5-dibromo-	225	C2HBr2N3	007411-23-6	60
5	hydrazine, 1-(4-methoxyphenyl)-1...	242	C15H18N2O	1000396-53-8	58





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Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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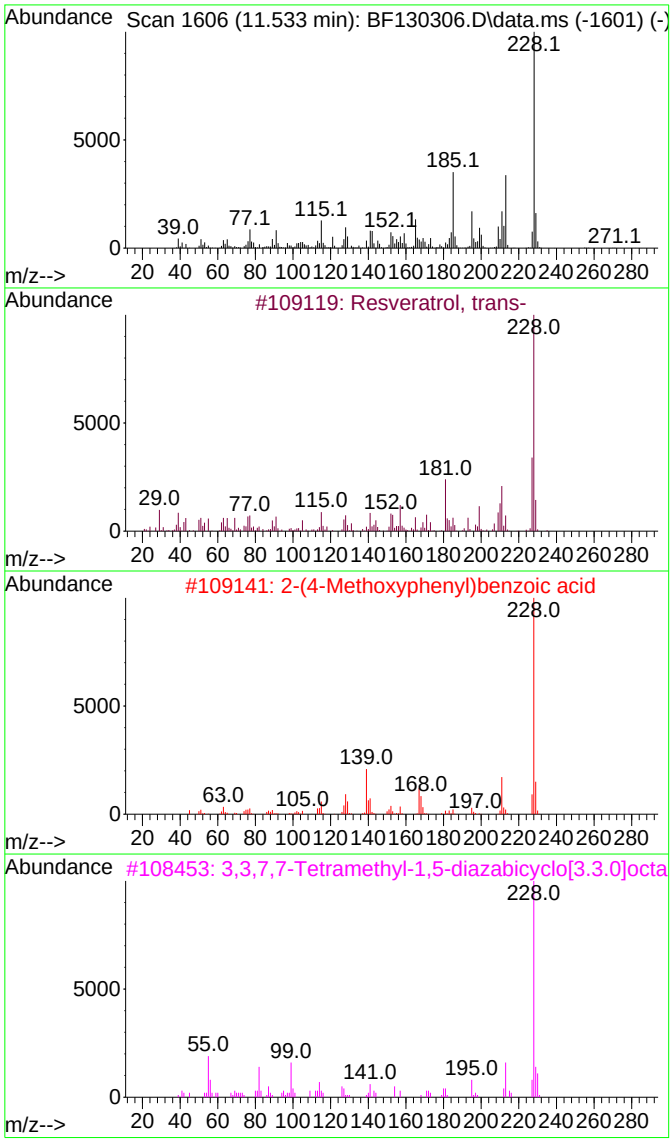
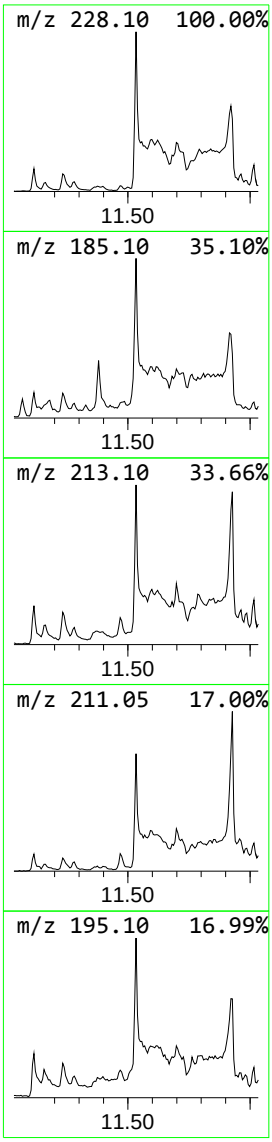
Peak Number 11 Resveratrol, trans- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.533	37.62 ng	1798440	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resveratrol, trans-	228	C14H12O3	000501-36-0	58
2	2-(4-Methoxyphenyl)benzoic acid	228	C14H12O3	1000305-27-1	55
3	3,3,7,7-Tetramethyl-1,5-diazabic...	228	C10H16N2S2	096594-28-4	50
4	1-Naphthalenamine, 4-isothiocyan...	228	C13H12N2S	029711-79-3	50
5	[1,1'-Biphenyl]-3-carboxylic aci...	228	C14H12O3	1000338-15-5	47





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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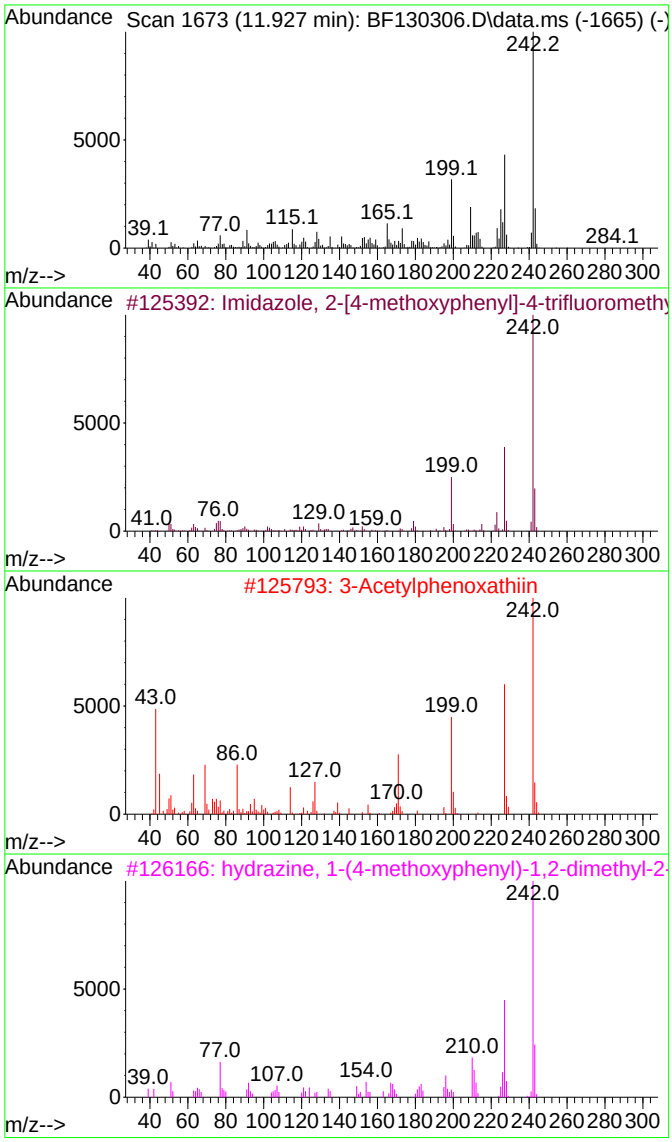
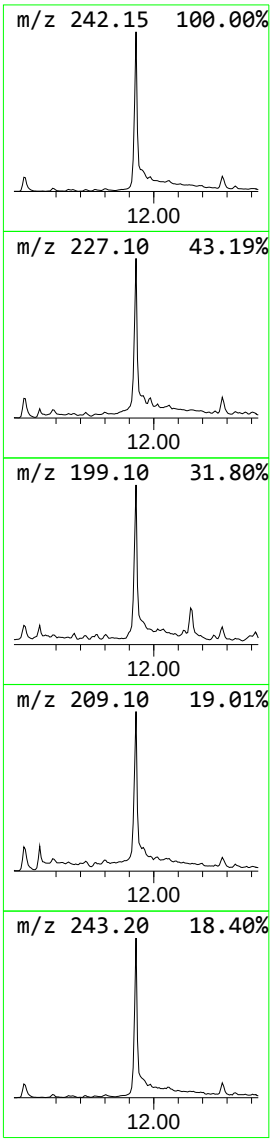
Peak Number 12 3-Acetylphenoxathiin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	136.75 ng	6537110	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-[4-methoxyphenyl]-4...	242	C11H9F3N2O	033469-37-3	90
2	3-Acetylphenoxathiin	242	C14H10O2S	177937-77-8	64
3	hydrazine, 1-(4-methoxyphenyl)-1...	242	C15H18N2O	1000396-53-8	62
4	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	55
5	1,3-Diamino-5,6-dihydro-7-methox...	242	C13H14N4O	037436-49-0	52





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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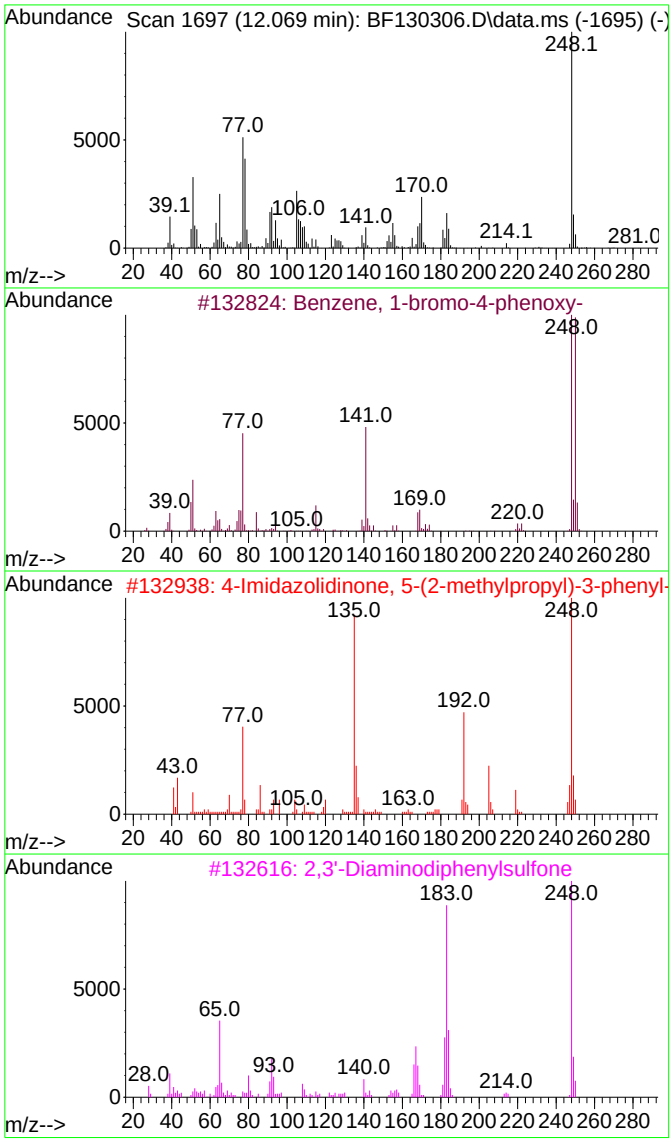
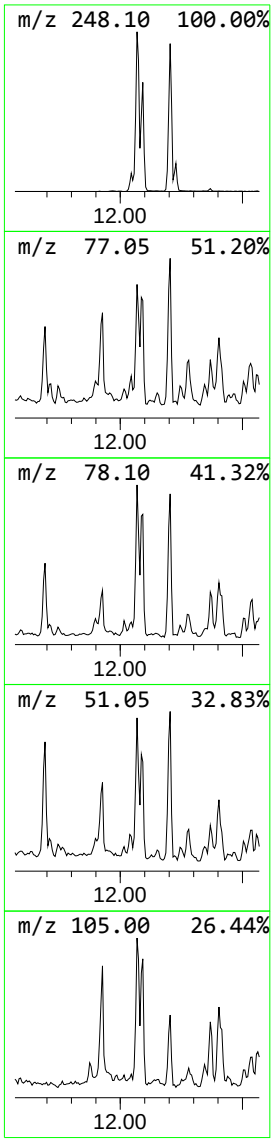
Peak Number 13 Benzene, 1-bromo-4-phenoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	22.93 ng	1096150	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-phenoxy-	248	C12H9BrO	000101-55-3	50
2	4-Imidazolidinone, 5-(2-methylpr...	248	C13H16N2OS	004399-40-0	43
3	2,3'-Diaminodiphenylsulfone	248	C12H12N2O2S	034262-29-8	35
4	Heptano[a]purin-2,6-dione, 1,3-d...	248	C12H16N4O2	003922-49-4	32
5	Ethyl 4-methyl-2-pyridin-3-yl-1,...	248	C12H12N2O2S	039091-00-4	27





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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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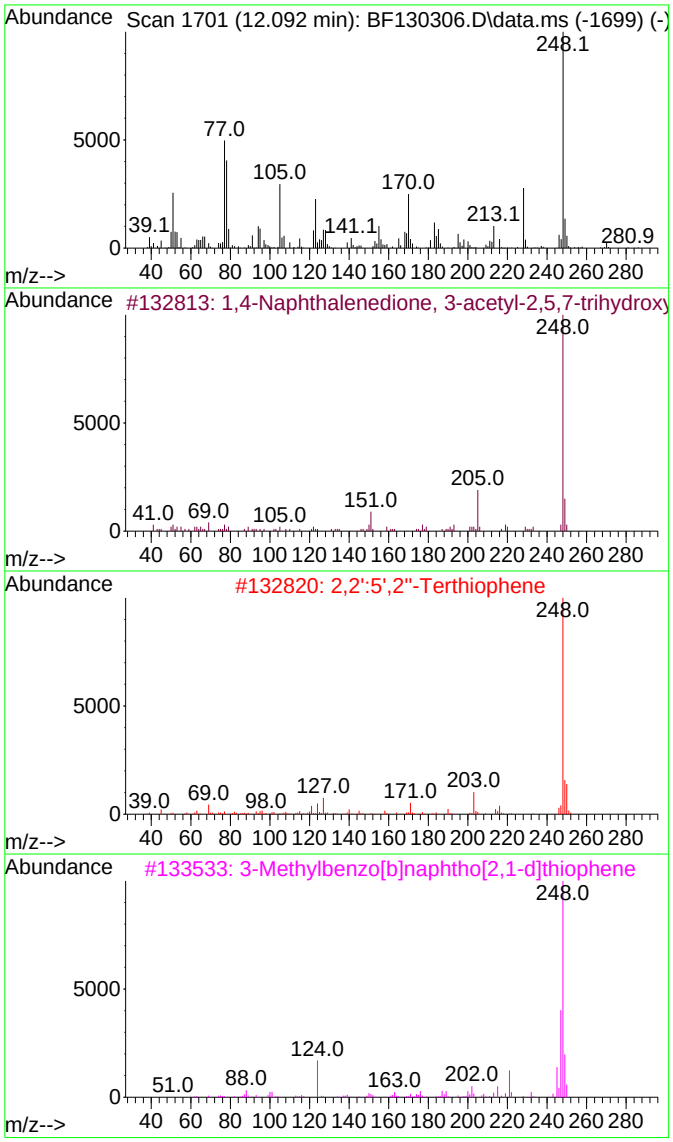
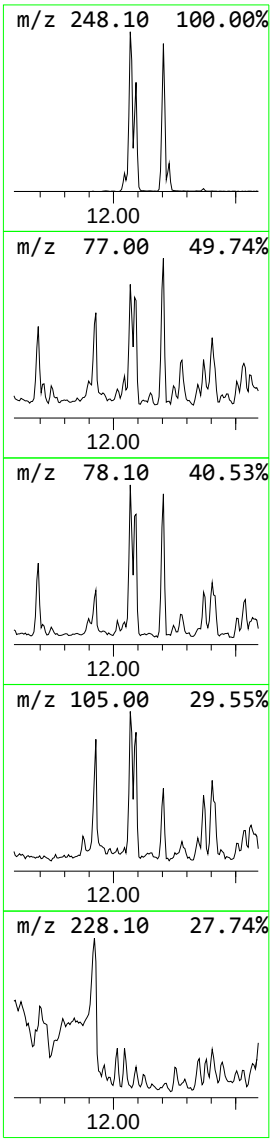
Peak Number 14 unknown12.092 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	16.74 ng	799988	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione, 3-acetyl-2...	248	C12H8O6	054725-01-8	27
2	2,2':5',2''-Terthiophene	248	C12H8S3	001081-34-1	27
3	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	27
4	2-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	1000326-06-8	27
5	(1',3'-Dihydrospiro[[1,3]dioxola...	248	C14H16O4	1000194-75-0	25





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ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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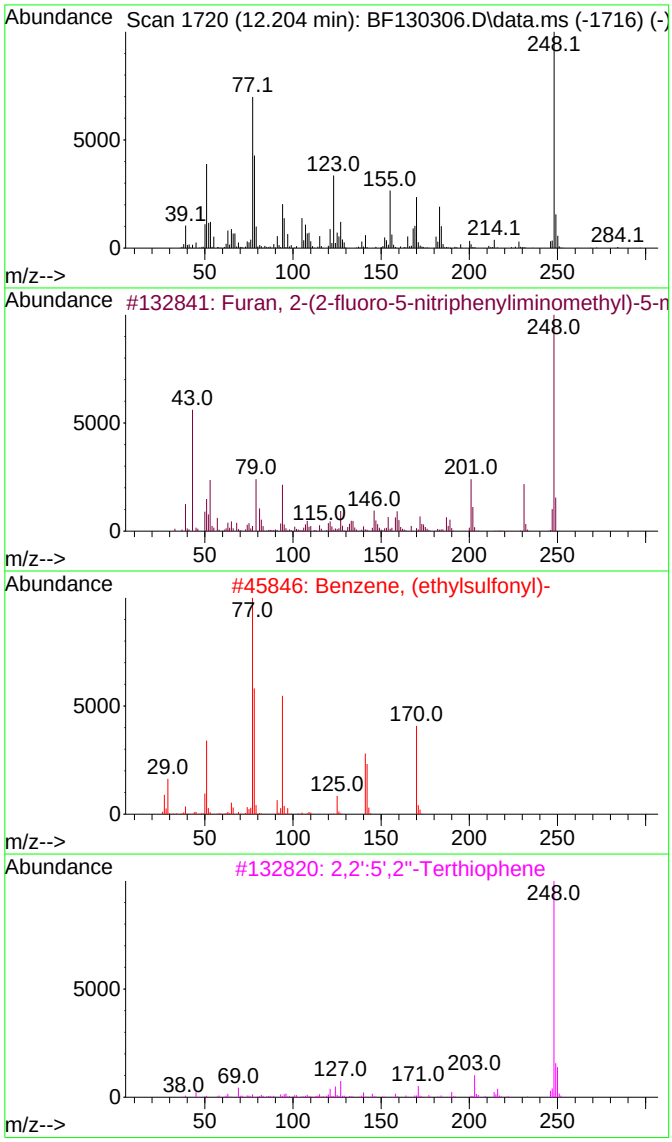
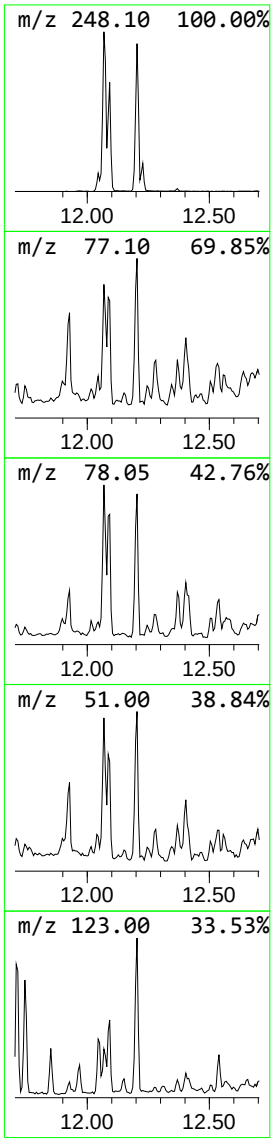
Peak Number 15 unknown12.204 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	22.01 ng	1052040	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-(2-fluoro-5-nitriphenyl...	248	C12H9FN2O3	304478-74-8	27
2	Benzene, (ethylsulfonyl)-	170	C8H10O2S	000599-70-2	25
3	2,2':5',2''-Terthiophene	248	C12H8S3	001081-34-1	18
4	1,2-Dichlorophenazine	248	C12H6Cl2N2	003368-42-1	18
5	2,3-Dichlorophenazine	248	C12H6Cl2N2	003265-11-0	14





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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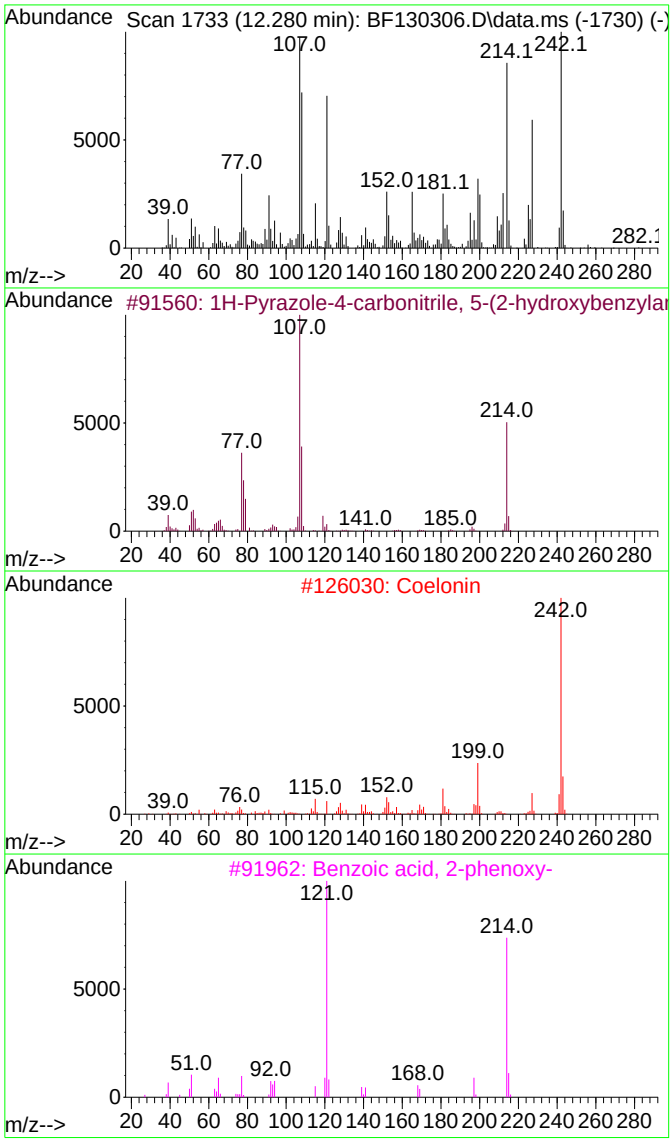
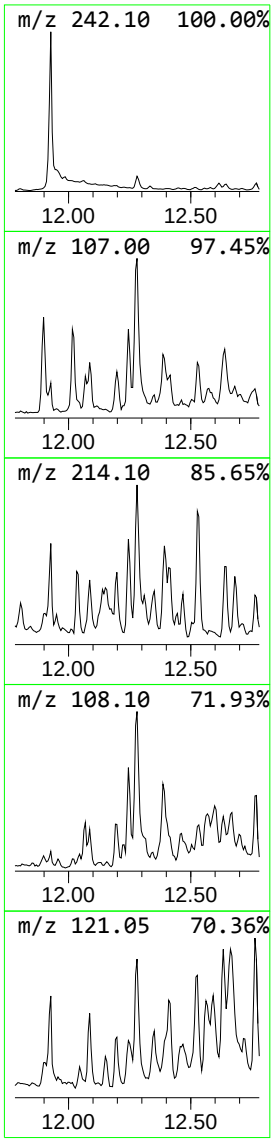
Peak Number 16 unknown12.280 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	32.59 ng	1558050	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carbonitrile, 5-(2...	214	C11H10N4O	1000316-18-1	38
2	Coelonin	242	C15H14O3	082344-82-9	35
3	Benzoic acid, 2-phenoxy-	214	C13H10O3	002243-42-7	25
4	1H-benzimidazole, 2-methyl-1-(2,...	214	C10H9F3N2	1000396-18-5	25
5	1H-Indene-1,3(2H)-dione, 2-(2-me...	214	C14H14O2	074779-71-8	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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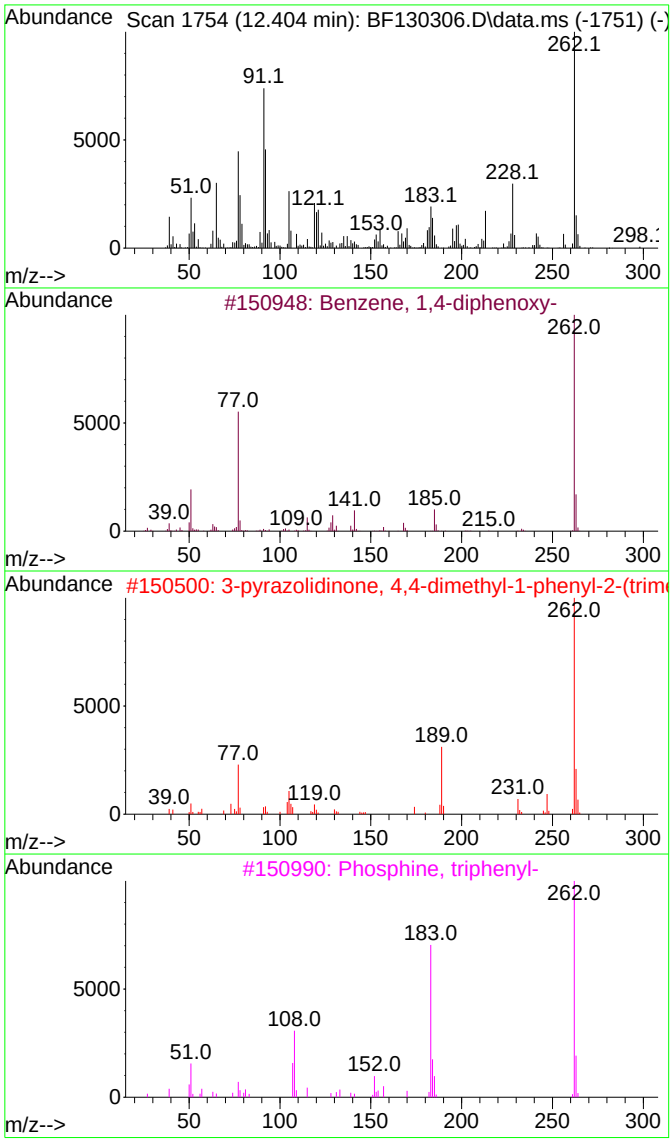
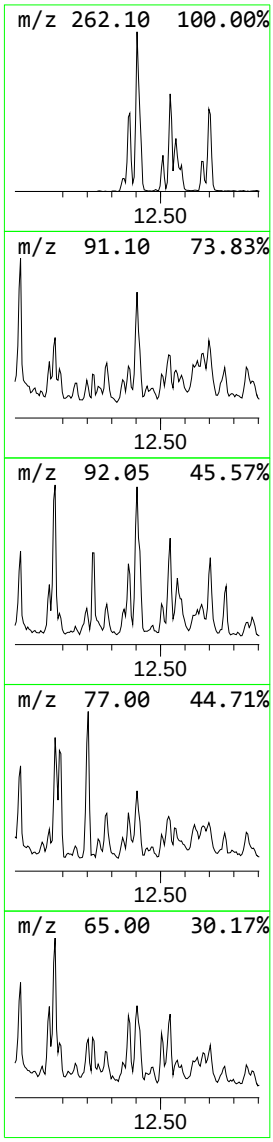
Peak Number 17 unknown12.404 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	29.07 ng	1389570	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diphenoxy-	262	C18H14O2	003061-36-7	45
2	3-pyrazolidinone, 4,4-dimethyl-1...	262	C14H22N2OSi	1000396-83-8	38
3	Phosphine, triphenyl-	262	C18H15P	000603-35-0	35
4	Methyl 3-(cyanosulfanyl)-2,5-dim...	262	C11H10N4O2S	1010459-41-5	25
5	Phenoxathiin-2,8-diamine-10,10-d...	262	C12H10N2O3S	027441-74-3	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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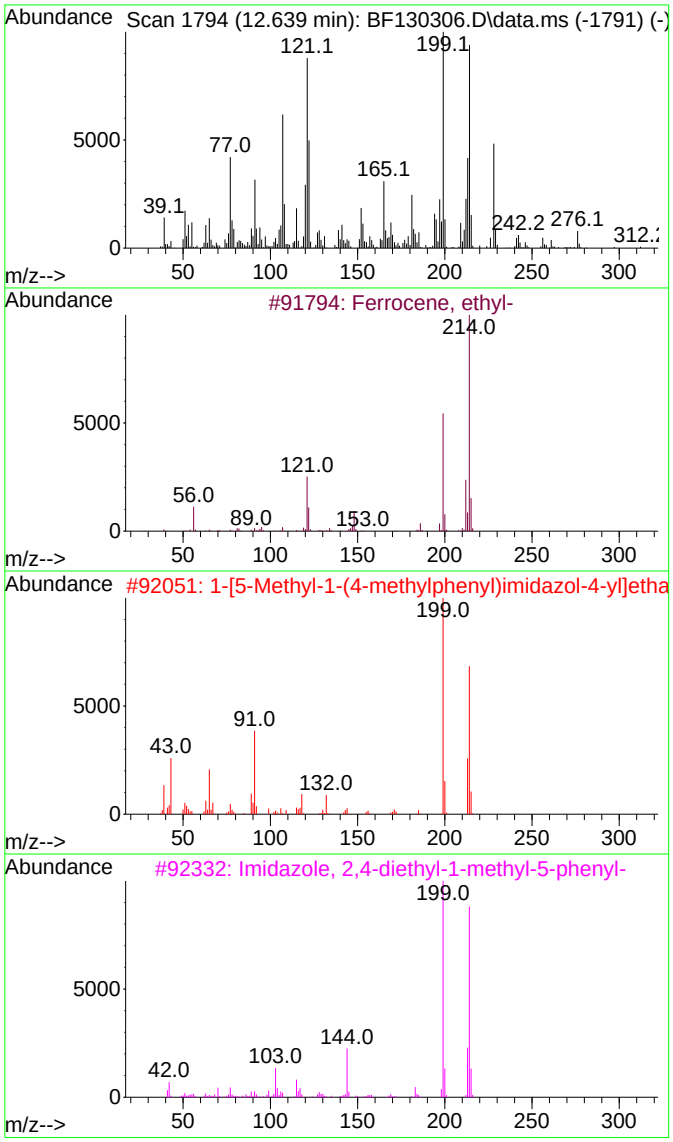
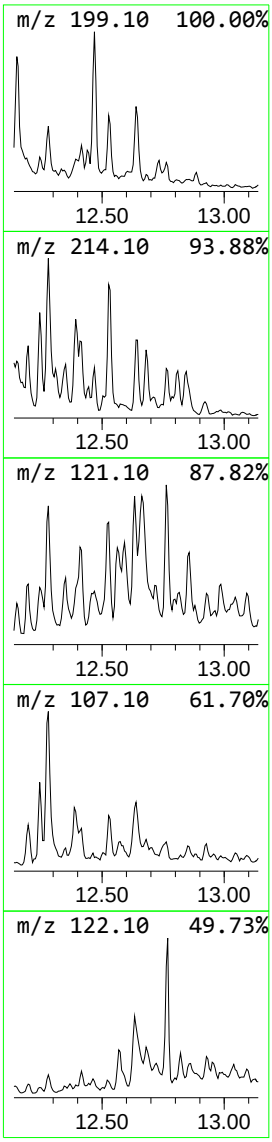
Peak Number 18 Ferrocene, ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	16.78 ng	749050	Chrysene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, ethyl-	214	C12H14Fe	001273-89-8	64
2	1-[5-Methyl-1-(4-methylphenyl)im...	214	C13H14N2O	1000436-22-3	41
3	Imidazole, 2,4-diethyl-1-methyl-...	214	C14H18N2	062576-17-4	38
4	4-(3,4-methylenendioxybenzyl)-py...	214	C12H10N2O2	1000378-98-0	25
5	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

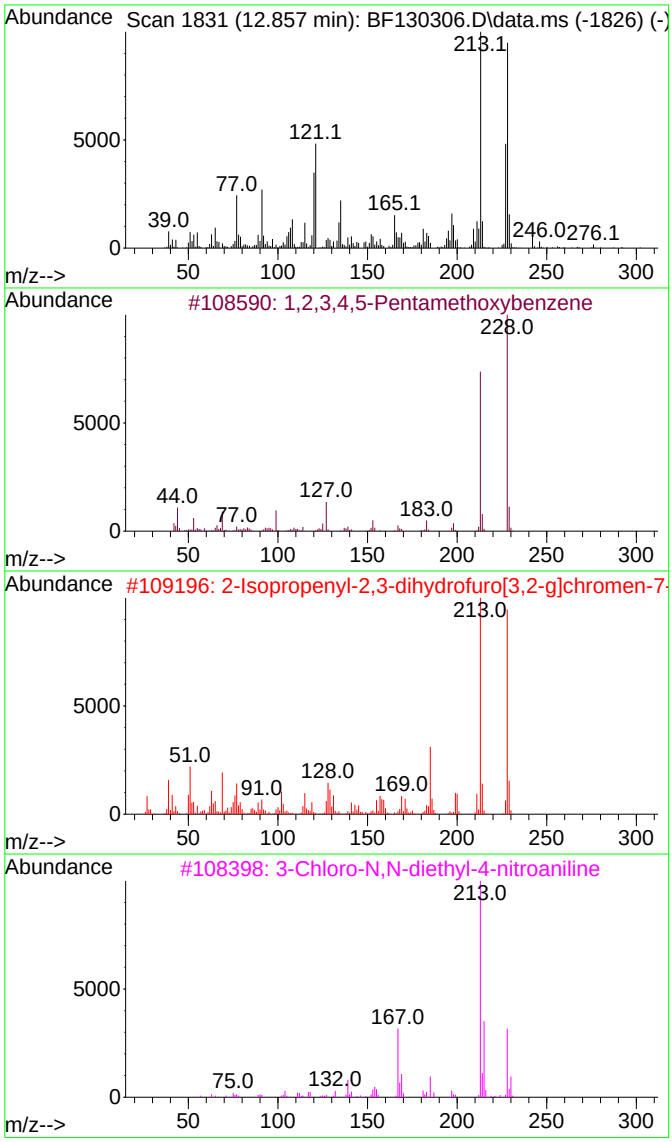
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

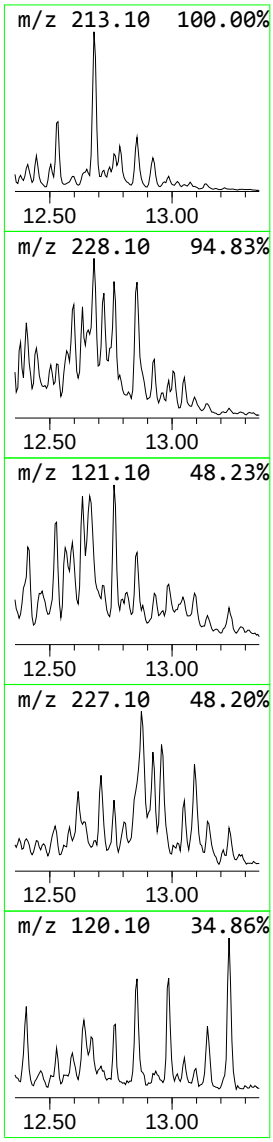
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,2,3,4,5-Pentamethoxybenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	27.21 ng	1214770	Chrysene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5-Pentamethoxybenzene	228	C11H16O5	013909-75-6	64
2	2-Isopropenyl-2,3-dihydrofuro[3,...	228	C14H12O3	032375-25-0	58
3	3-Chloro-N,N-diethyl-4-nitroaniline	228	C10H13ClN2O2	1010110-36-0	50
4	2-Naphthalenecarboxaldehyde, 3-h...	228	C15H16O2	018478-73-4	45
5	Methane, bis(p-methoxyphenyl)-,	228	C15H16O2	000726-18-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

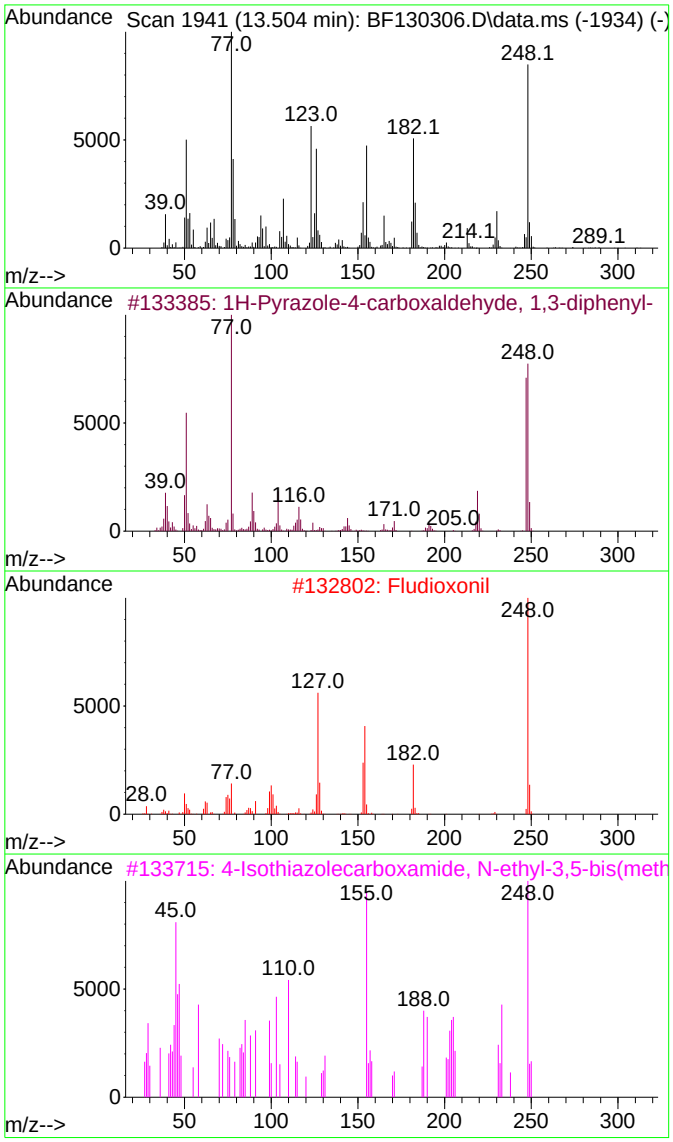
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

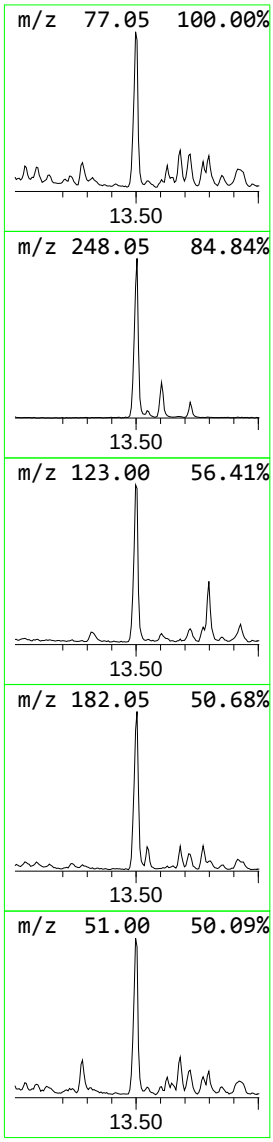
****

Peak Number 20 unknown13.504 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	34.25 ng	1529030	Chrysene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carboxaldehyde, 1,...	248	C16H12N2O	021487-45-6	35
2	Fludioxonil	248	C12H6F2N2O2	131341-86-1	27
3	4-Isothiazolecarboxamide, N-ethy...	248	C8H12N2OS3	037572-35-3	25
4	Benzene, nitro-	123	C6H5NO2	000098-95-3	20
5	2,3'-Diaminodiphenylsulfone	248	C12H12N2O2S	034262-29-8	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130306.D
Acq On : 16 Sep 2022 23:34
Operator : CG\JU
Sample : N4648-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48854-1040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 3,5-dim...	7.792	17.8	ng	22676300	2	7.981	25497000	20.0
Phenol, 3-ethyl...	8.428	46.5	ng	59287400	2	7.981	25497000	20.0
Phenol, 3,5-die...	8.857	106.0	ng	3438110	3	9.710	648462	20.0
1,3-Benzenediam...	8.875	153.7	ng	4982410	3	9.710	648462	20.0
Phenol, 3-methyl-	8.939	27.5	ng	890725	3	9.710	648462	20.0
Phenol, 3-methy...	8.969	47.1	ng	1526350	3	9.710	648462	20.0
6-Methyl-4-indanol	9.304	25.4	ng	822358	3	9.710	648462	20.0
1H-Indole, 2,3-...	10.139	68.4	ng	2217080	3	9.710	648462	20.0
2(1H)-Quinolinone	10.851	59.6	ng	2850710	4	11.180	956057	20.0
Imidazole, 2-[4...	11.469	26.5	ng	1268790	4	11.180	956057	20.0
Resveratrol, tr...	11.533	37.6	ng	1798440	4	11.180	956057	20.0
3-Acetylphenoxa...	11.927	136.8	ng	6537110	4	11.180	956057	20.0
Benzene, 1-brom...	12.069	22.9	ng	1096150	4	11.180	956057	20.0
unknown12.092	12.092	16.7	ng	799988	4	11.180	956057	20.0
unknown12.204	12.204	22.0	ng	1052040	4	11.180	956057	20.0
unknown12.280	12.280	32.6	ng	1558050	4	11.180	956057	20.0
unknown12.404	12.404	29.1	ng	1389570	4	11.180	956057	20.0
Ferrocene, ethyl-	12.639	16.8	ng	749050	5	13.810	892790	20.0
1,2,3,4,5-Penta...	12.857	27.2	ng	1214770	5	13.810	892790	20.0
unknown13.504	13.504	34.3	ng	1529030	5	13.810	892790	20.0