LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF120916.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	2.178	6	8	19	rVB	60182	137342	3.24%	0.213%
2	4.933	246	249	253	rBV	233015	290213	6.85%	0.449%
3	5.367	285	287	290	rBV	1380629	1251974	29.54%	1.938%
4	6.407	376	378	381	rVB	1114751	1253577	29.58%	1.940%
5	6.545	387	390	392	rBV	3667736	3621243	85.44%	5.605%
6	6.647	398	399	402	rVB	147922	123245	2.91%	0.191%
7	6.727	402	406	408	rVB2	125583	179170	4.23%	0.277%
8	6.773	408	410	412	rBV	1728025	1504278	35.49%	2.329%
9	6.853	415	417	419	rVV	1790868	1757478	41.47%	2.720%
10	6.899	419	421	422	rVV	612735	639812	15.10%	0.990%
11	6.933	422	424	425	rVV	3719530	3470215	81.88%	5.372%
12	6.956	425	426	431	rVV	463070	424288	10.01%	0.657%
13	7.025	431	432	434	rVV	167179	173609	4.10%	0.269%
14	7.116	437	440	443	rBV3	171481	240352	5.67%	0.372%
15	7.333	452	459	462	rBV3	1921854	3315174	78.22%	5.132%
16	7.425	465	467	469	rBV	245396	221663	5.23%	0.343%
17	7.470	469	471	473	rVV	91562	99369	2.34%	0.154%
18	7.550	475	478	480	rBV	384790	355834	8.40%	0.551%
19	7.630	483	485	487	rBV2	63283	71399	1.68%	0.111%
20	7.722	490	493	497	rBV2	139007	273769	6.46%	0.424%
21	7.790	497	499	502	rBV	2802925	3257487	76.86%	5.042%
22	7.905	504	509	510	rVB	144946	249930	5.90%	0.387%
23	7.996	513	517	520	rBV3	159712	308085	7.27%	0.477%
24	8.065	520	523	524	rVV	1785832	1985457	46.85%	3.073%
25	8.110	524	527	529	rVB2	207632	325243	7.67%	0.503%
26	8.259	538	540	541	rBV	133181	130159	3.07%	0.201%
27	8.316	541	545	546	rBV2	298394	491458	11.60%	0.761%
28	8.442	550	556	558	rBV6	116730	226533	5.34%	0.351%
29	8.499	558	561	562	rBV2	77883	89080	2.10%	0.138%
30	8.533	562	564	566	rVB2	108383	104912	2.48%	0.162%
31	8.590	566	569	571	rBV	131364	157047	3.71%	0.243%
32	8.682	576	577	579	rBV	63484	81283	1.92%	0.126%
33	8.728	579	581	582	rBV	117188	115734	2.73%	0.179%
34	8.773	584	585	588	rVB	166329	164236	3.88%	0.254%

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Instrument : BNA_F
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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.876	591	594	595	rBV	339014	349772	8.25%	0.541%
36	8.899	595	596	599	rVB3	66136	98871	2.33%	0.153%
37	9.002	599	605	607	rBV5	93185	300624	7.09%	0.465%
38	9.059	609	610	612	rBV2	50633	73292	1.73%	0.113%
39	9.139	614	617	619	rBV	4964314	4238319	100.00%	6.561%
40	9.185	619	621	623	rVB3	83764	96641	2.28%	0.150%
41	9.253	623	627	629	rBV5	75816	195524	4.61%	0.303%
42	9.288	629	630	632	rBV2	44611	68467	1.62%	0.106%
43	9.402	637	640	642	rBV2	124154	229721	5.42%	0.356%
44	9.482	644	647	650	rBV5	247322	549330	12.96%	0.850%
45	9.528	650	651	655	rVB	99679	164488	3.88%	0.255%
46	9.608	655	658	662	rVB3	71715	196148	4.63%	0.304%
47	9.665	662	663	666	rVB2	116058	167827	3.96%	0.260%
48	9.722	666	668	670	rBV2	42412	96443	2.28%	0.149%
49	9.813	672	676	678	rBV	2213613	2062724	48.67%	3.193%
50	10.019	692	694	695	rBV2	62523	95424	2.25%	0.148%
51	10.042	695	696	700	rVV3	226196	391581	9.24%	0.606%
52	10.133	701	704	705	rVV	810846	972941	22.96%	1.506%
53	10.156	705	706	708	rVV2	118323	184087	4.34%	0.285%
54	10.236	711	713	715	rVV3	66906	121255	2.86%	0.188%
55	10.305	718	719	723	rVV3	121028	125732	2.97%	0.195%
56	10.396	723	727	728	rVV4	121768	203386	4.80%	0.315%
57	10.499	734	736	738	rBV2	66968	95437	2.25%	0.148%
58	10.545	738	740	741	rVV2	162657	170638	4.03%	0.264%
59	10.602	741	745	747	rVV2	2095960	2399749	56.62%	3.715%
60	10.694	751	753	755	rVV3	46469	84393	1.99%	0.131%
61	10.739	755	757	759	rVB	308602	314532	7.42%	0.487%
62	10.785	759	761	763	rBV	536046	704816	16.63%	1.091%
63	10.819	763	764	766	rVV2	582963	804566	18.98%	1.245%
64	10.854	766	767	771	rVV	687285	963104	22.72%	1.491%
65	10.922	771	773	775	rVV2	358060	599509	14.14%	0.928%
66	10.968	775	777	779	rVV	602172	765523	18.06%	1.185%
67	11.002	779	780	783	rVV	724619	880635	20.78%	1.363%
68	11.048	783	784	786	rVB	357558	271904	6.42%	0.421%
69	11.162	791	794	796	rVB4	103792	214306	5.06%	0.332%
70	11.288	803	805	808	rVB	961854	1325020	31.26%	2.051%
71	11.505	823	824	828	rBV3	41435	69643	1.64%	0.108%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.596	831	832	835	rVB	285511	342808	8.09%	0.531%
73	11.699	839	841	843	rBV	40184	76360	1.80%	0.118%
74	11.836	851	853	856	rBV	257003	294445	6.95%	0.456%
75	11.894	856	858	859	rVV	335997	453913	10.71%	0.703%
76	11.916	859	860	863	rVV3	420016	771408	18.20%	1.194%
77	11.962	863	864	866	rVV2	322158	407963	9.63%	0.631%
78	12.019	866	869	870	rVV	258647	443603	10.47%	0.687%
79	12.042	870	871	874	rVV2	332885	425830	10.05%	0.659%
80	12.088	874	875	878	rVV	431957	586988	13.85%	0.909%
81	12.134	878	879	882	rVV	226509	230745	5.44%	0.357%
82	12.271	890	891	896	rVB2	86573	106775	2.52%	0.165%
83	12.797	935	937	939	rBV	91692	106646	2.52%	0.165%
84	12.877	941	944	946	rVV	2937858	2623876	61.91%	4.062%
85	12.922	946	948	951	rVB	169042	214191	5.05%	0.332%
86	12.991	951	954	955	rBV2	993268	1699758	40.10%	2.631%
87	13.025	955	957	958	rVV	845044	1144596	27.01%	1.772%
88	13.048	958	959	961	rVV2	546921	622641	14.69%	0.964%
89	13.105	961	964	967	rVV3	532118	1194222	28.18%	1.849%
90	13.162	967	969	971	rVV	996288	1069276	25.23%	1.655%
91	13.208	971	973	975	rVV2	313279	409943	9.67%	0.635%
92	13.288	977	980	984	rVB2	128194	241665	5.70%	0.374%
93	13.780	1021	1023	1028	rVB3	75325	88932	2.10%	0.138%
94	13.871	1029	1031	1033	rBV	71982	78533	1.85%	0.122%
95	13.928	1033	1036	1039	rVV	990050	1467499	34.62%	2.272%
96	13.974	1039	1040	1042	rVV2	121656	175983	4.15%	0.272%
97	14.065	1046	1048	1050	rVV3	177019	305796	7.22%	0.473%
98	14.100	1050	1051	1053	rVV	94793	128808	3.04%	0.199%
99	14.145	1053	1055	1062	rVB2	82559	171210	4.04%	0.265%
100	15.323	1156	1158	1161	rBV	745956	981390	23.16%	1.519%

Sum of corrected areas: 64602823

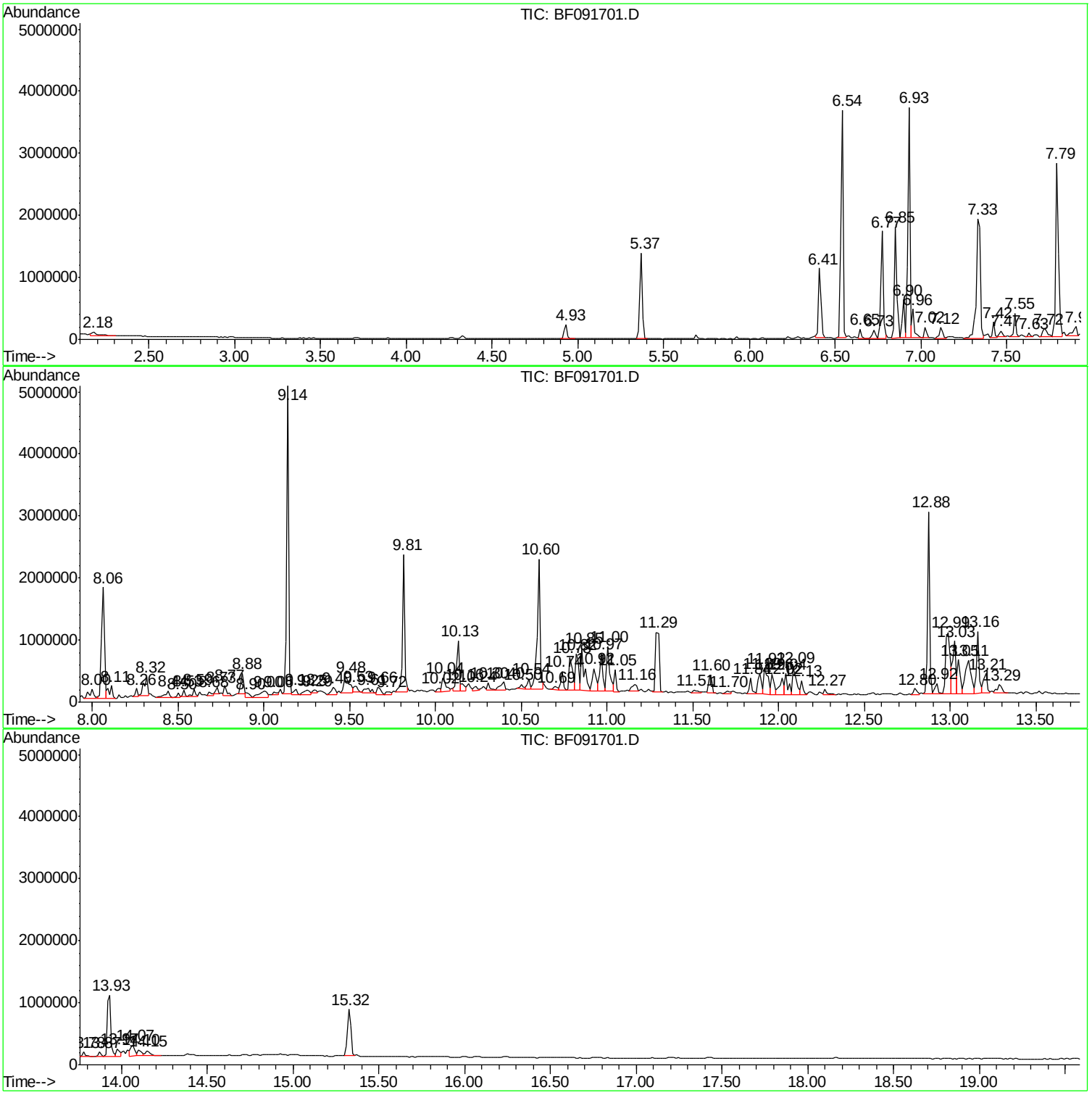
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121616\
Data File : BF091701.D
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Sample : H6090-02
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

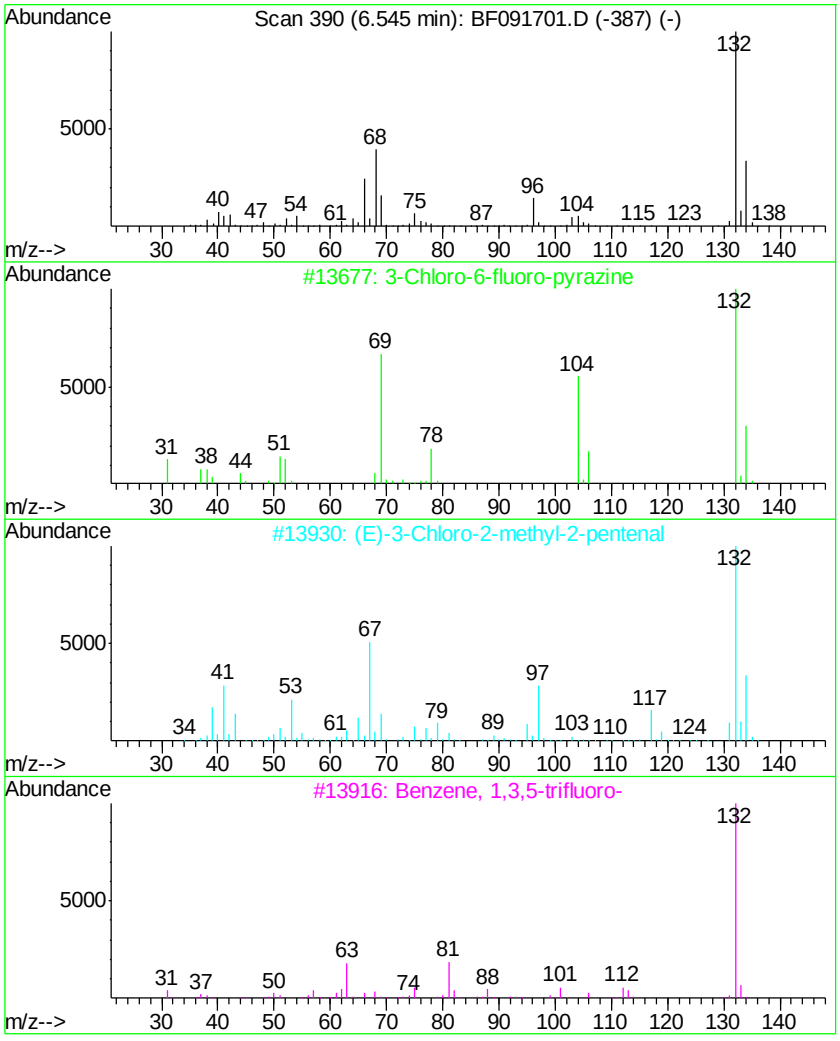
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

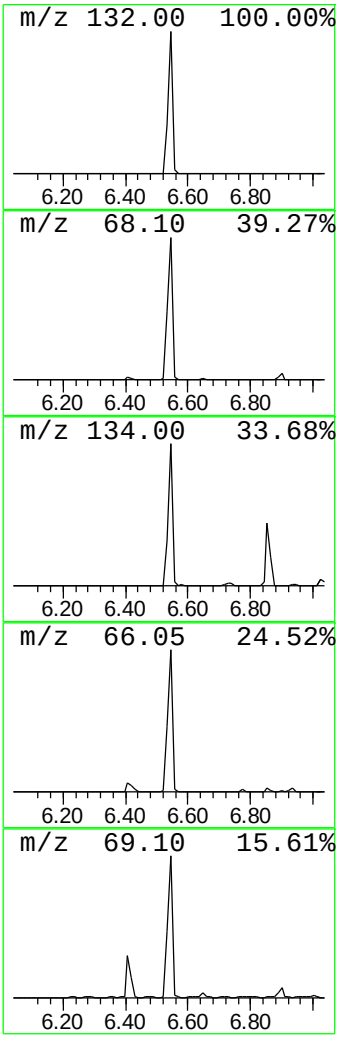
****

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	48.15 ng	3621240	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

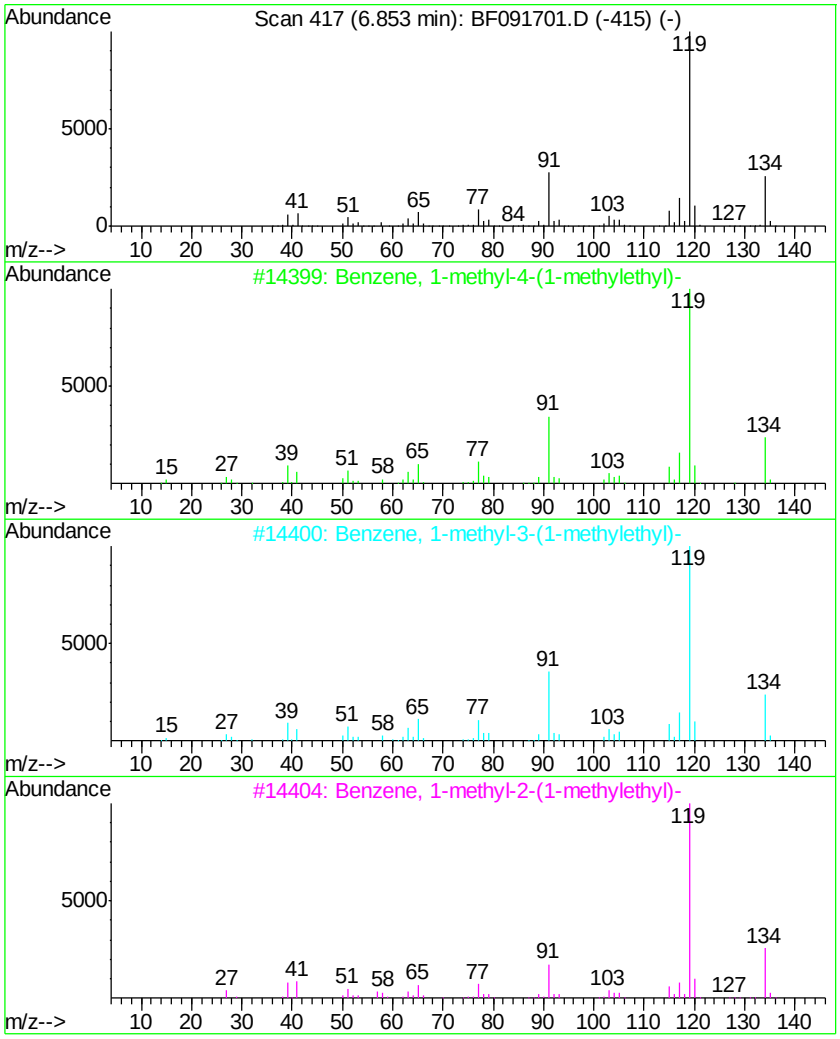
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

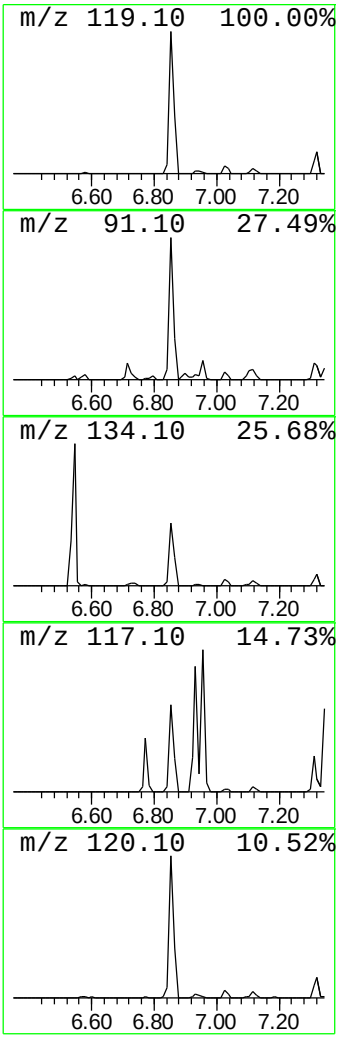
****

Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	23.37 ng	1757480	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Sample : H6090-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

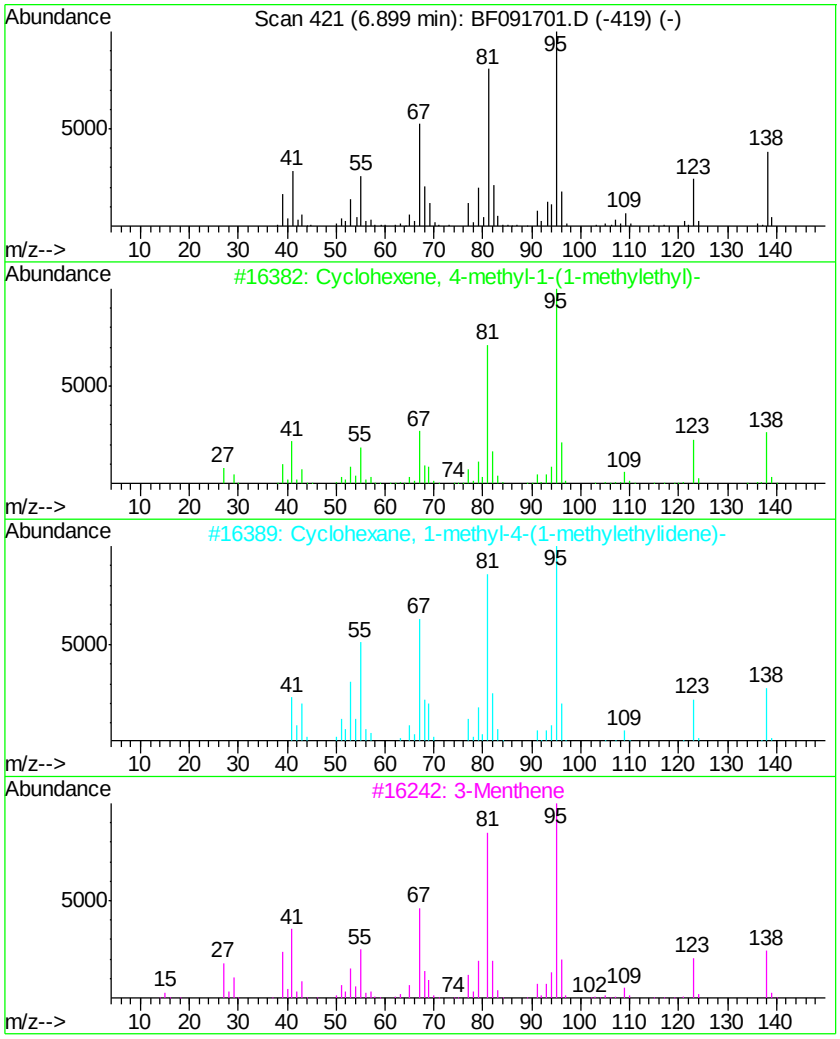
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

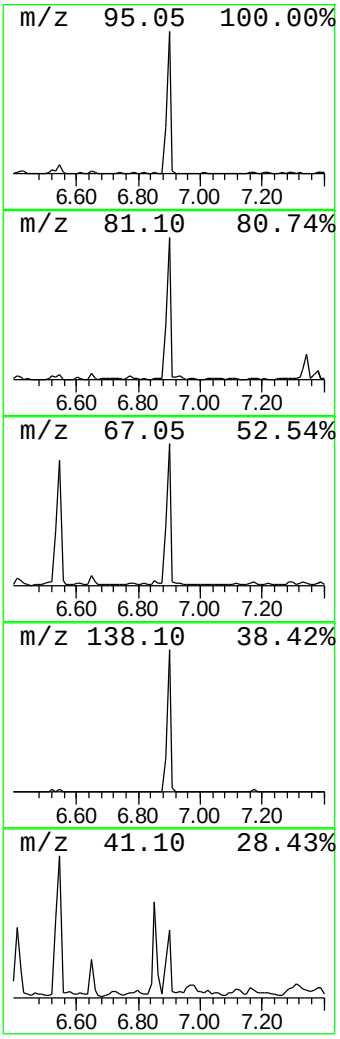
****

Peak Number 3 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	8.51 ng	639812	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	95
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	94
3	3-Menthene	138	C10H18	1000118-83-1	90
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	83
5	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	74





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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

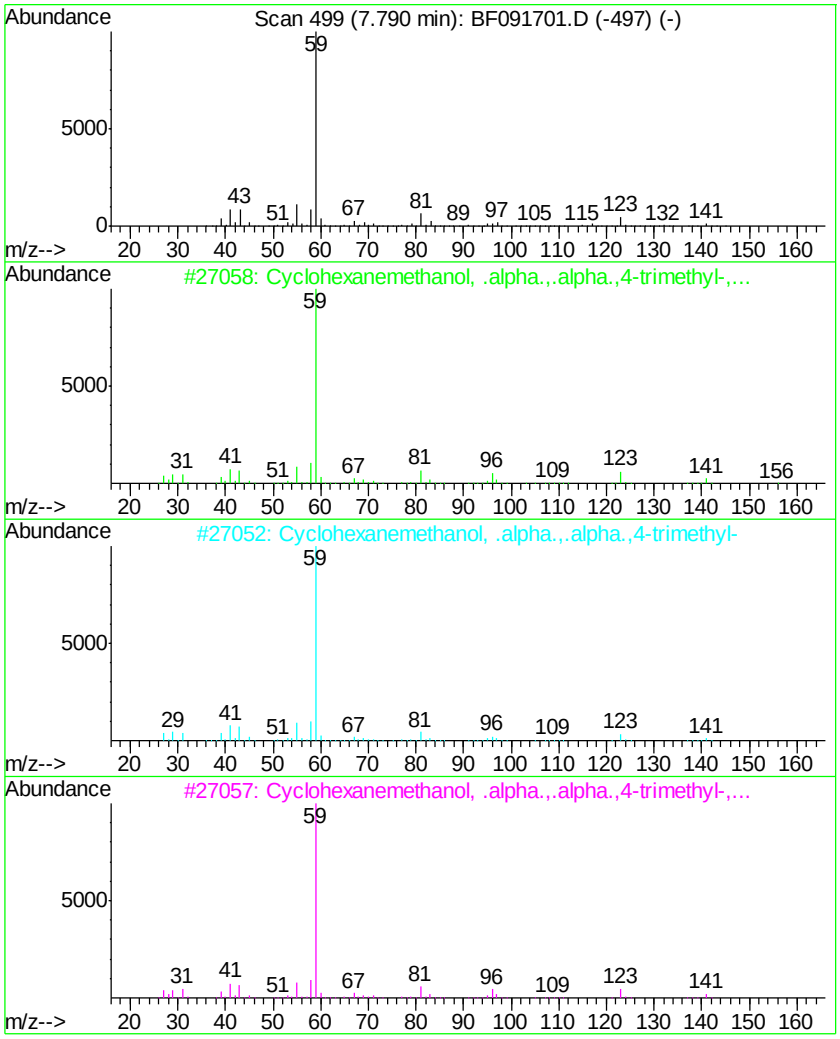
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

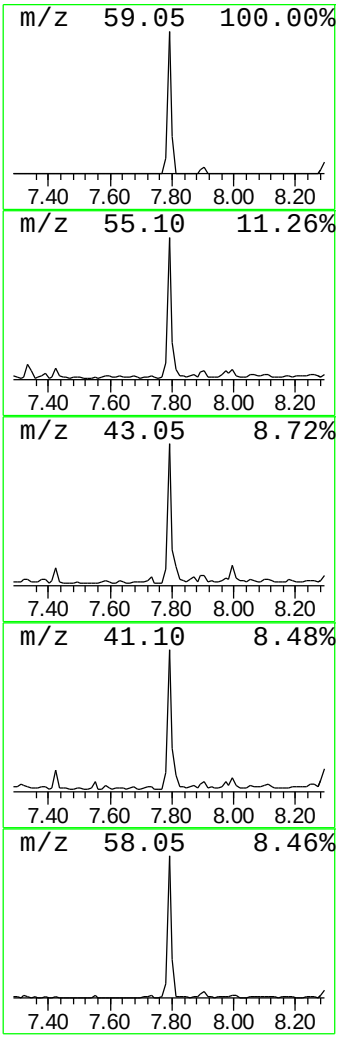
****

Peak Number 5 Cyclohexanemethanol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	32.81 ng	3257490	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
4	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	45
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	39





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Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

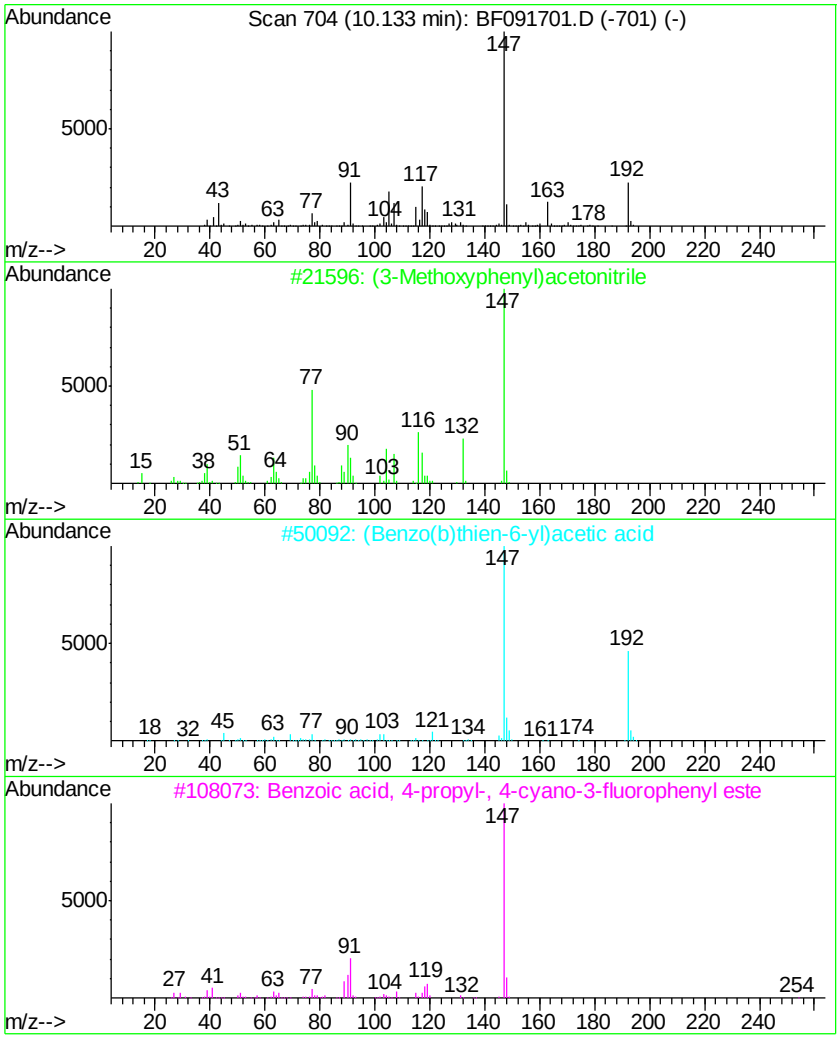
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

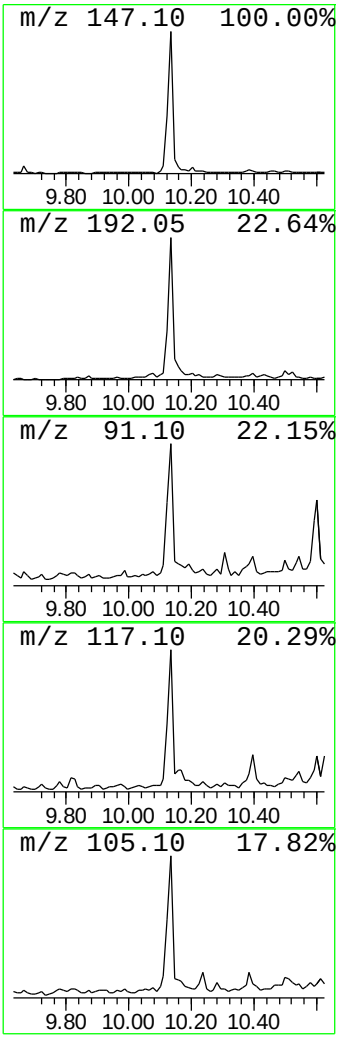
****

Peak Number 6 (3-Methoxyphenyl)acetonitrile Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	9.43 ng	972941	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	53
2	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	47
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	47
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47
5	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

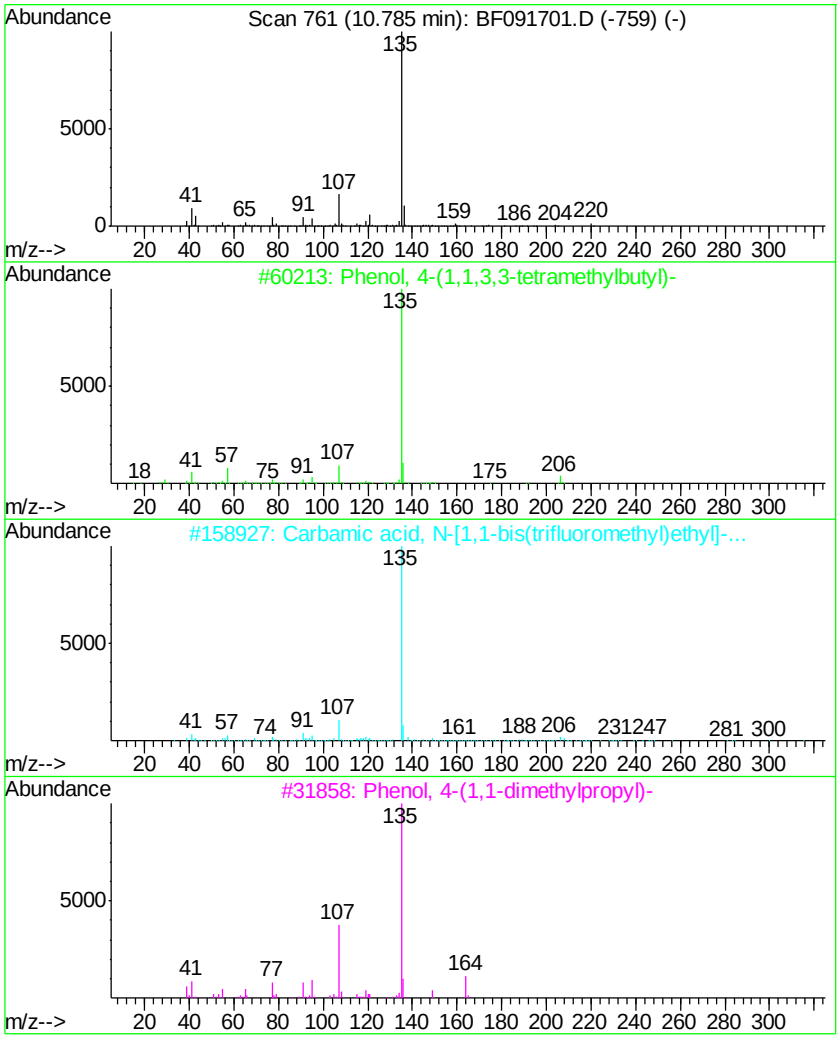
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

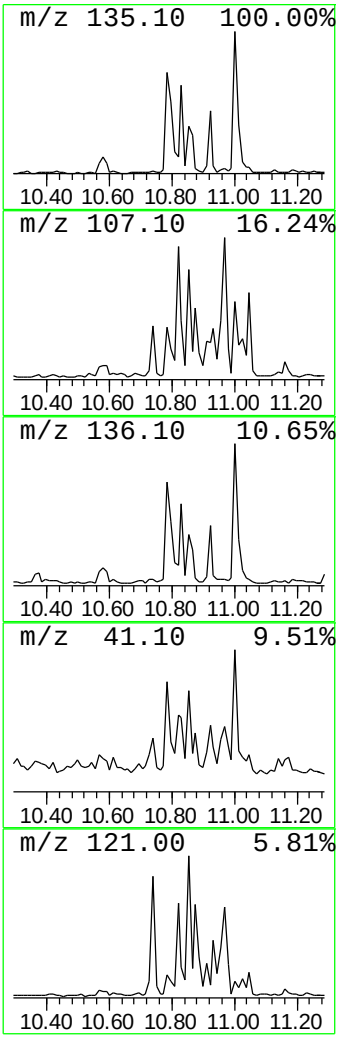
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	10.64 ng	704816	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
4	Chloroacetic acid, 1-adamantylme...	242	C13H19ClO2	083813-49-4	45
5	o-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-57-9	45





Library Search Compound Report

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Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

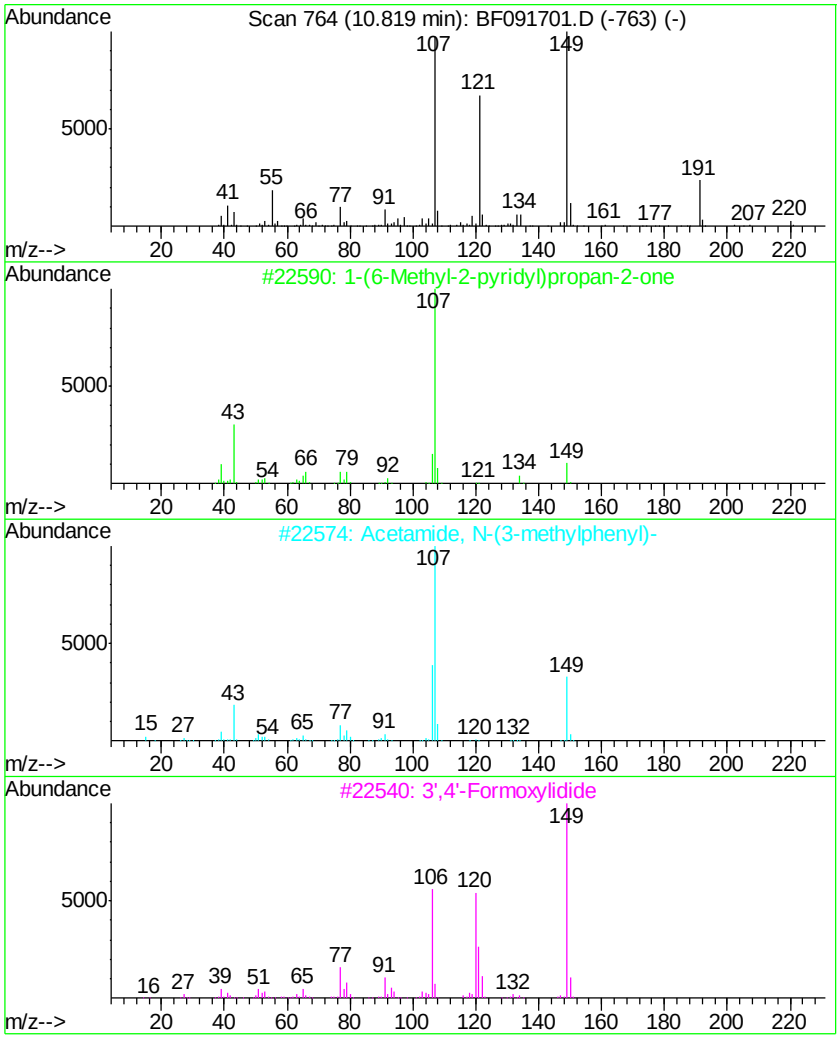
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

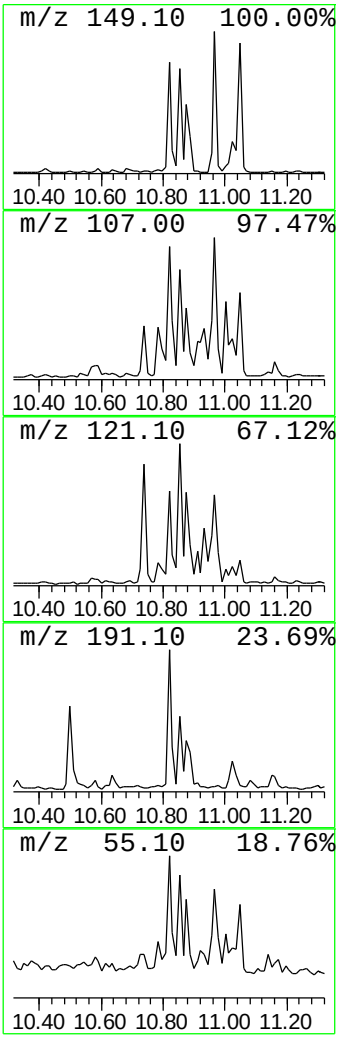
****

Peak Number 8 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	12.14 ng	804566	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	49
3	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	38
4	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38





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Acq On : 17 Dec 2016 5:30
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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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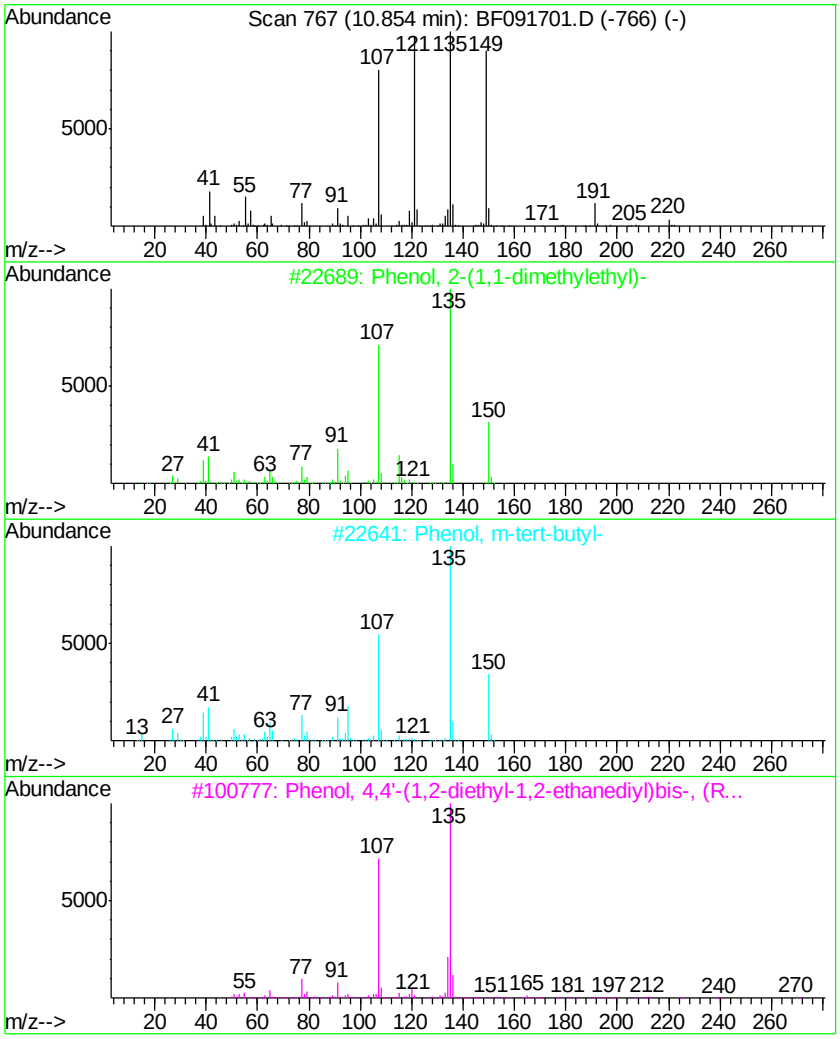
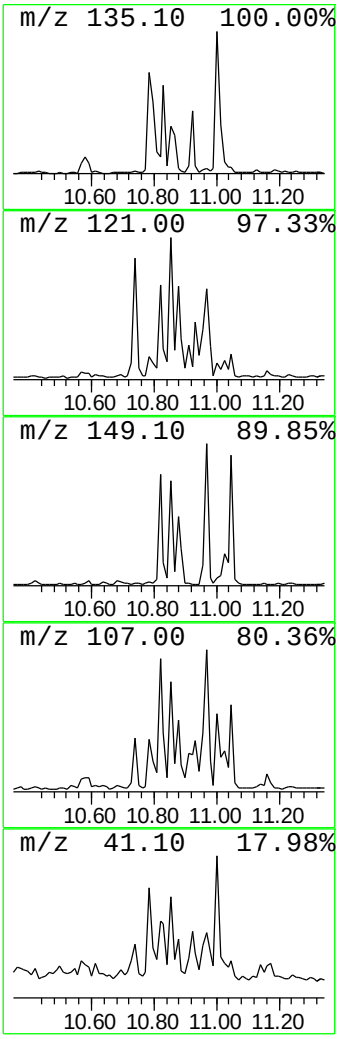
Peak Number 9 unknown10.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	14.54 ng	963104	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	35
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35
5	Hexestrol	270	C18H22O2	005635-50-7	35





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Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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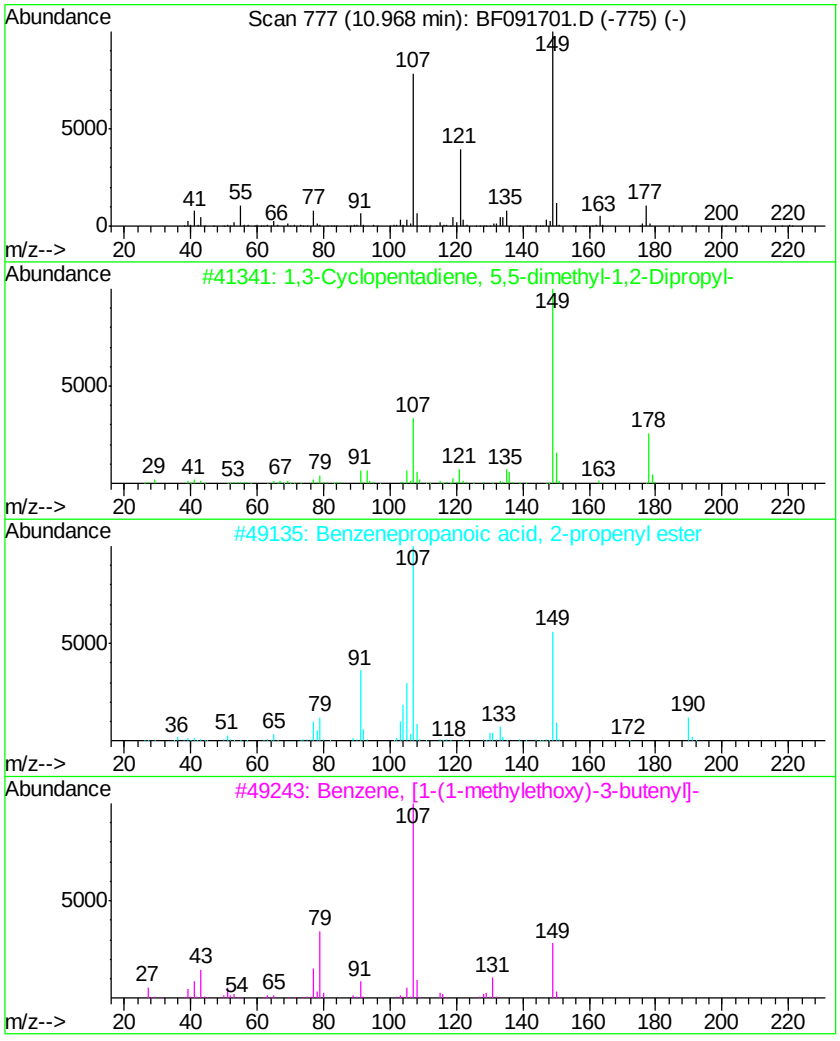
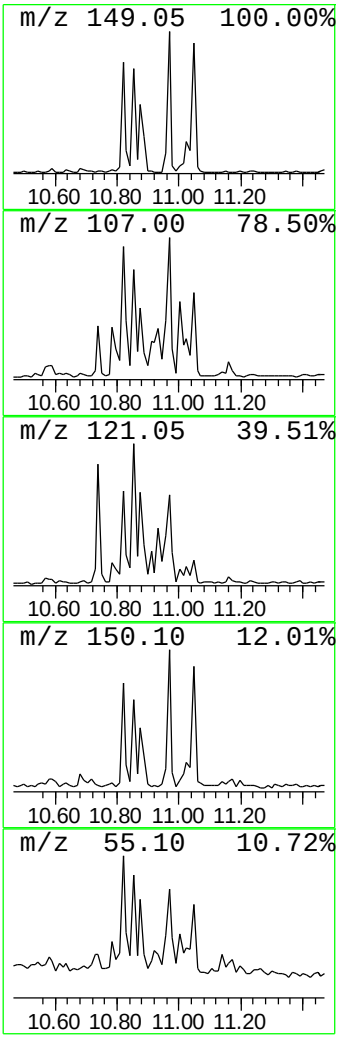
Peak Number 11 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	11.55 ng	765523	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	64
2	Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	50
3	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	50
4	Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	43
5	Benzoic acid, 4-(2,4-dichlorophe...	310	C15H12Cl2O3	1000294-38-1	37





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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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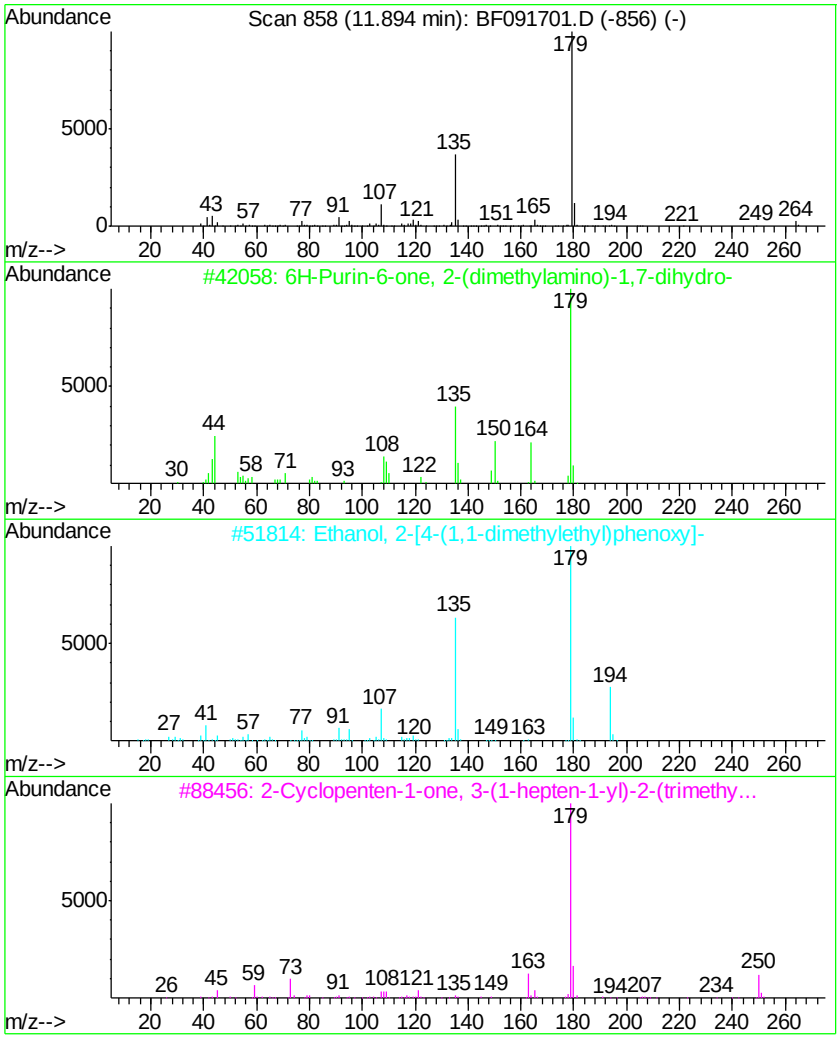
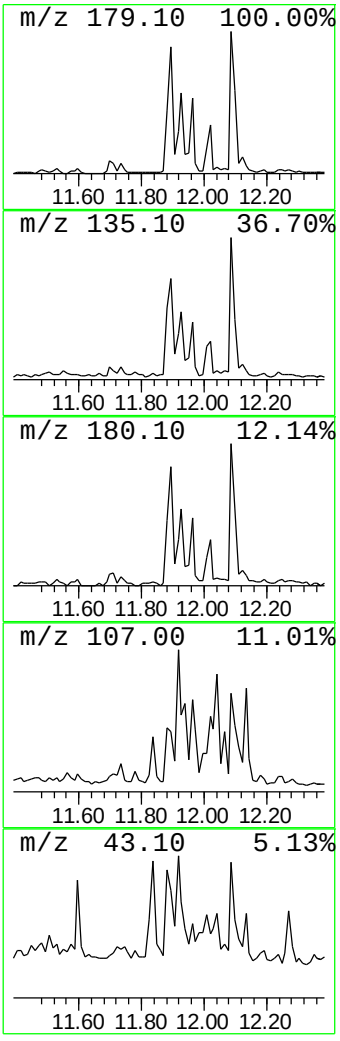
Peak Number 13 6H-Purin-6-one, 2-(dimethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.85 ng	453913	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	50
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	43
3	2-Cyclopenten-1-one, 3-(1-hepten...	250	C15H26OSi	1000159-28-7	42
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	40
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	40





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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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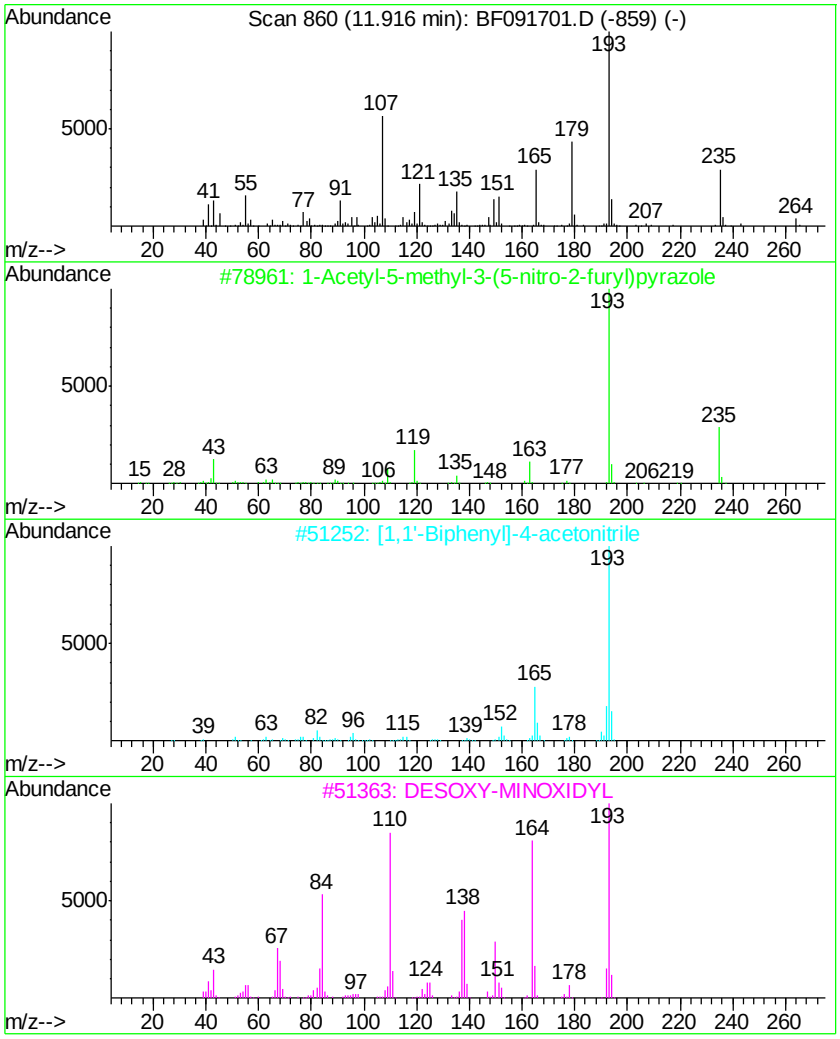
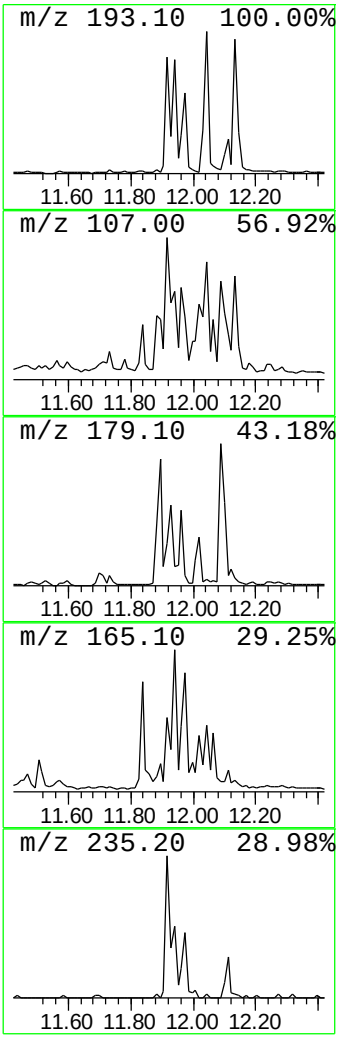
Peak Number 14 unknown11.92 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	11.64 ng	771408	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	41
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	38
3	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	38
4	.alpha.,.alpha.-Di-T-butyl-O-met...	250	C16H26O2	016750-65-5	37
5	2-Anthracenamine	193	C14H11N	000613-13-8	35





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Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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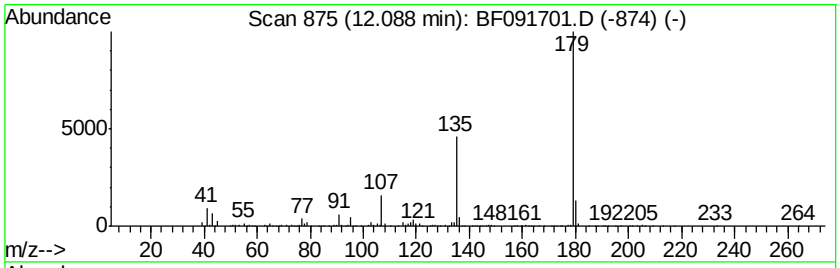
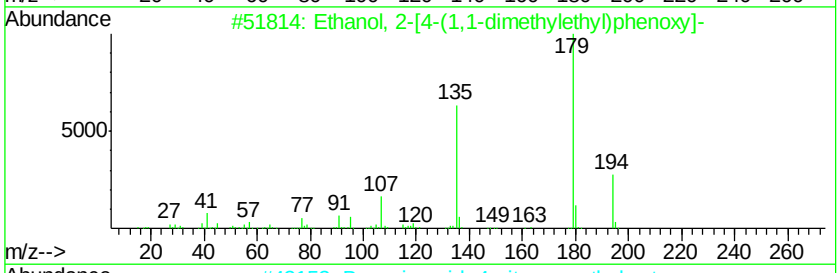
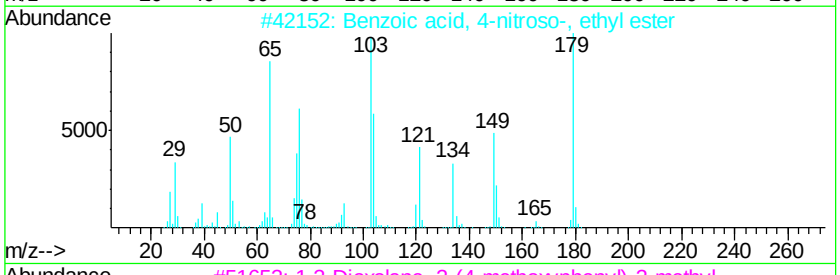
Peak Number 15 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 17

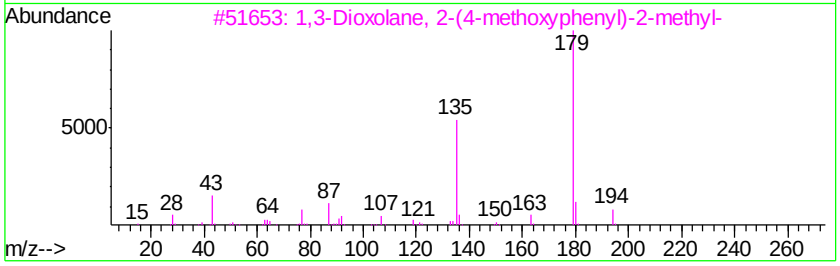
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.86 ng	586988	Phenanthrene-d10	11.30

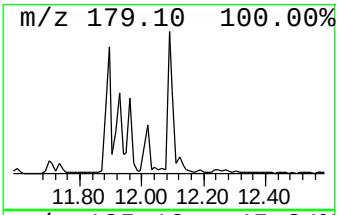
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	90
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	43
3	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	40
4	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	33
5	(p-Butyrylphenoxy)acetic acid	222	C12H14O4	001141-96-4	25

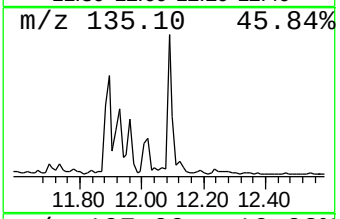


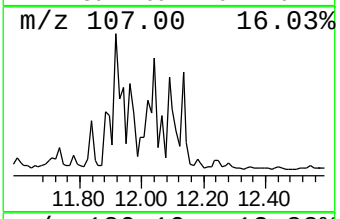


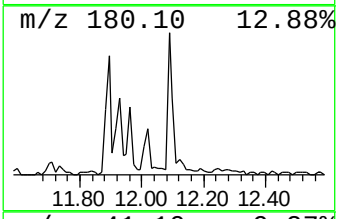


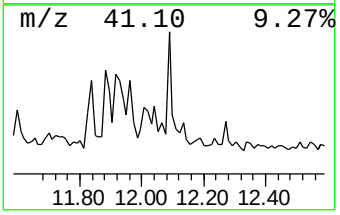












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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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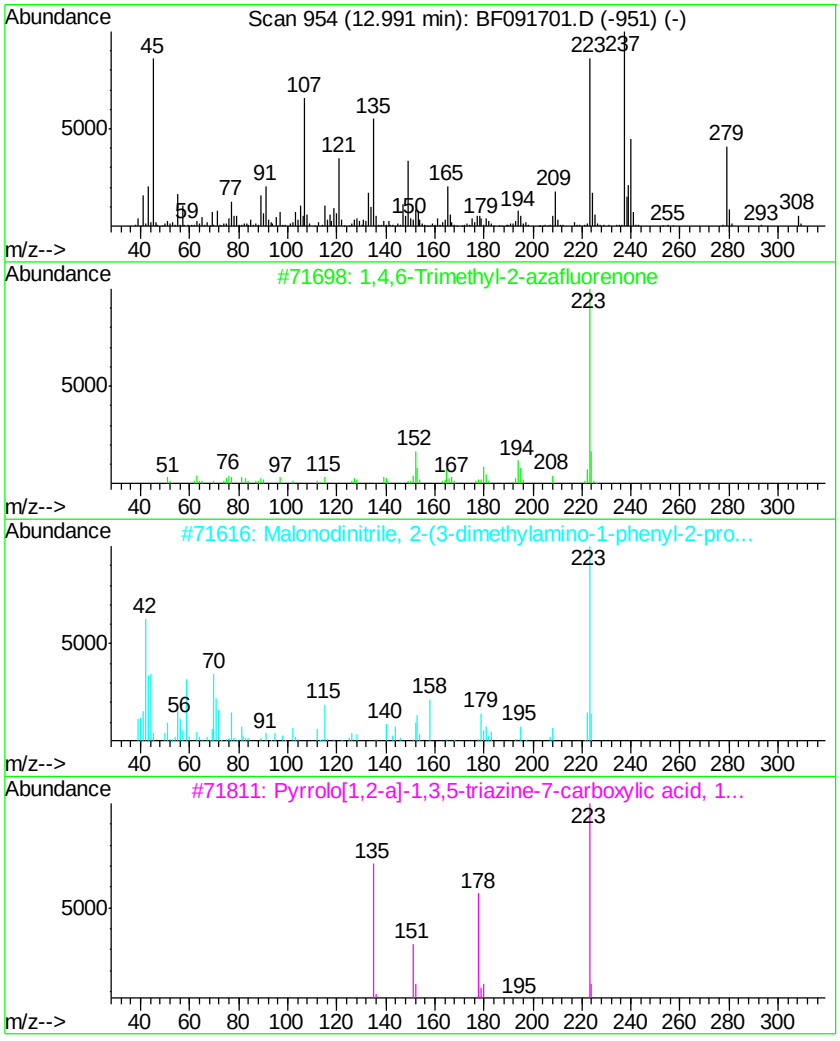
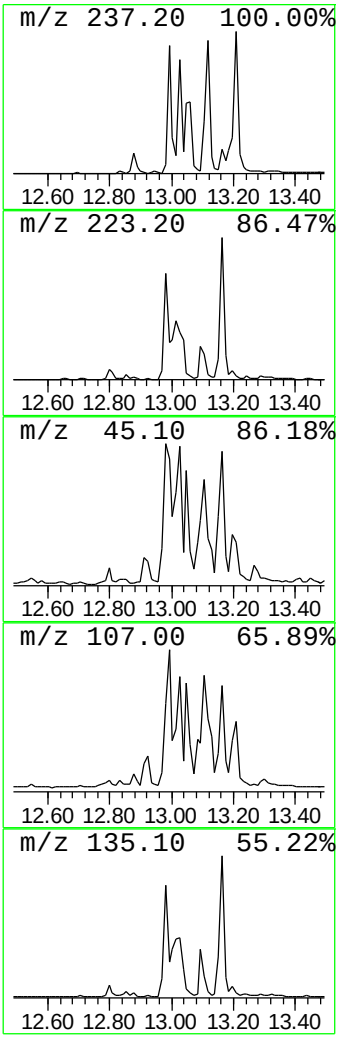
Peak Number 16 unknown12.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	23.17 ng	1699760	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,6-Trimethyl-2-azafluorenone	223	C15H13NO	069649-05-4	25
2	Malonodinitrile, 2-(3-dimethylam...	223	C14H13N3	065996-13-6	25
3	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	22
4	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	14
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	11





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Instrument : BNA_F
ClientSampleId : MW-20

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

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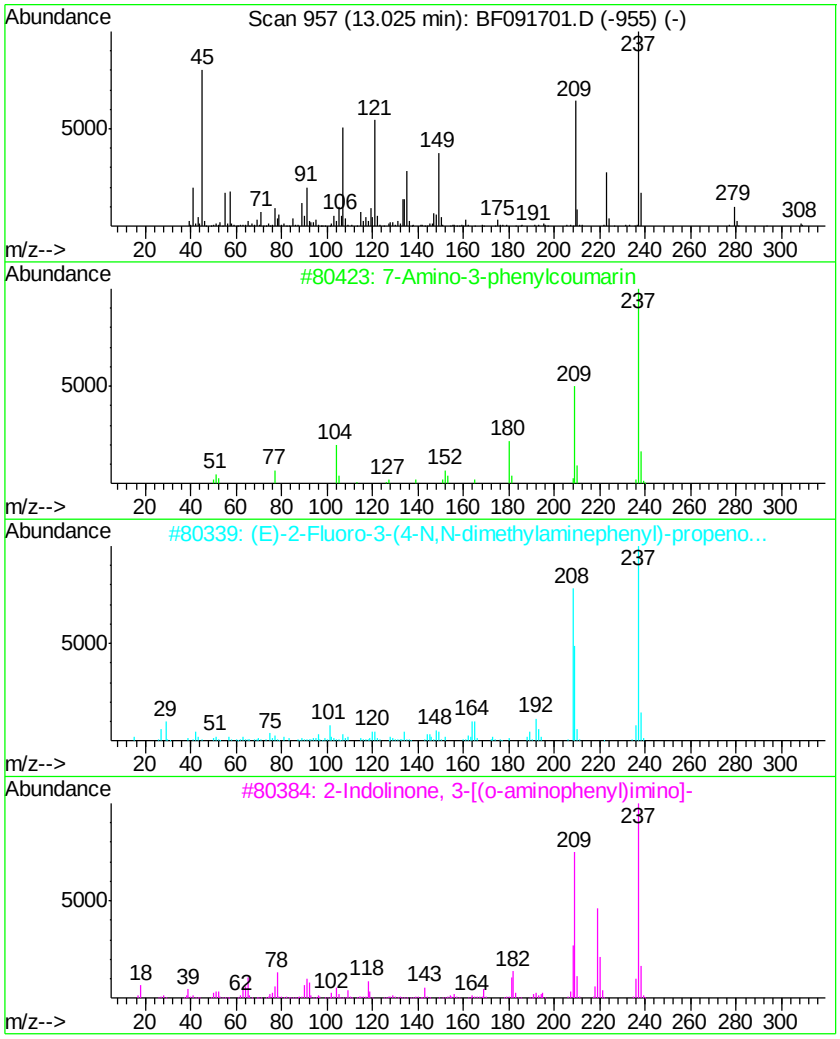
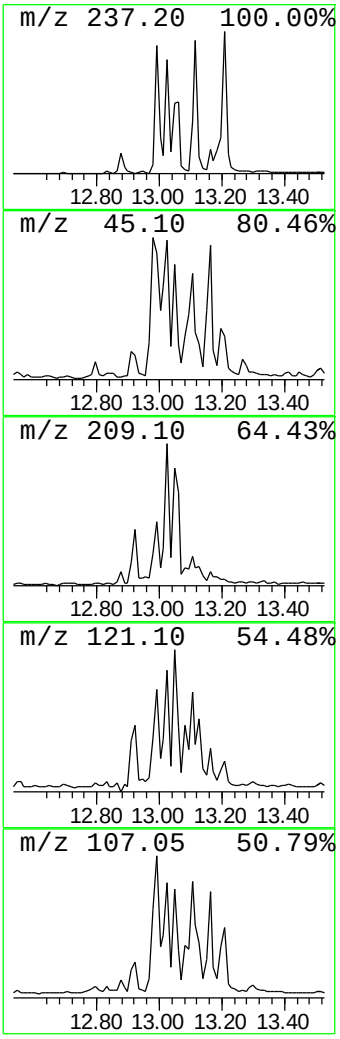
Peak Number 17 unknown13.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	15.60 ng	1144600	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	35
2	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	27
3	2-Indolinone, 3-[(o-aminophenyl)...	237	C14H11N3O	033829-08-2	16
4	[1,2,4]Triazolo[1,5-b]isoquinoli...	237	C13H11N5	132011-89-3	16
5	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	14





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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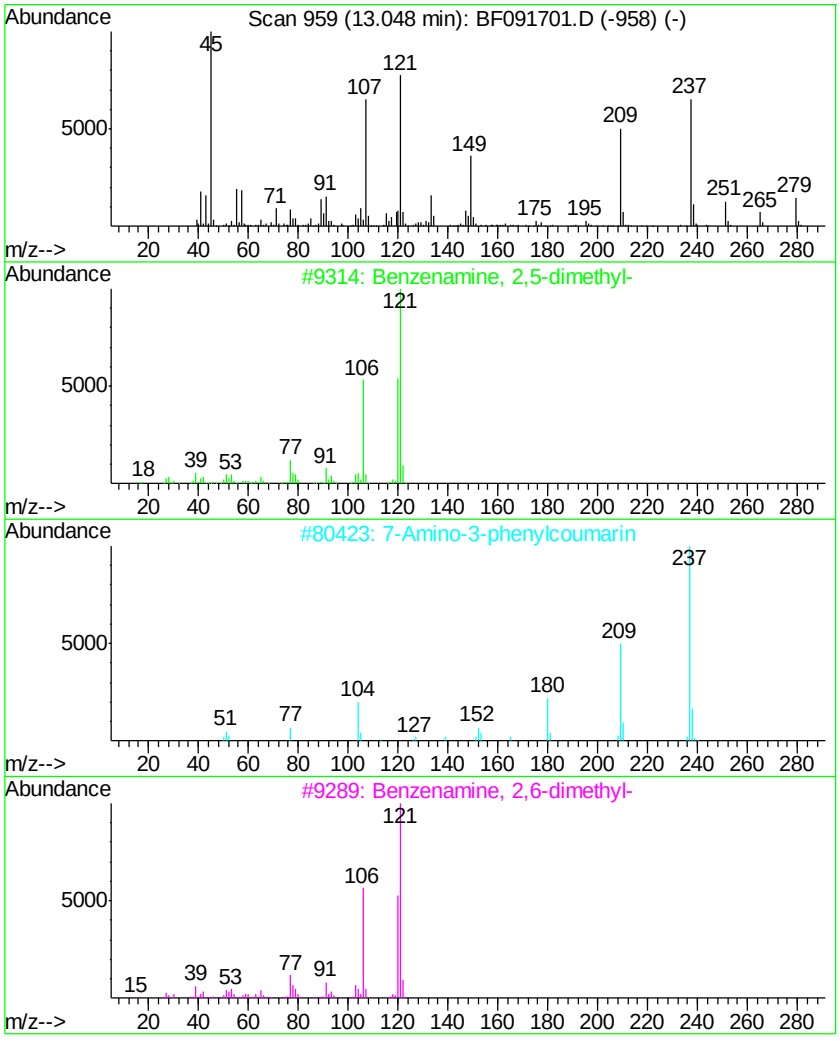
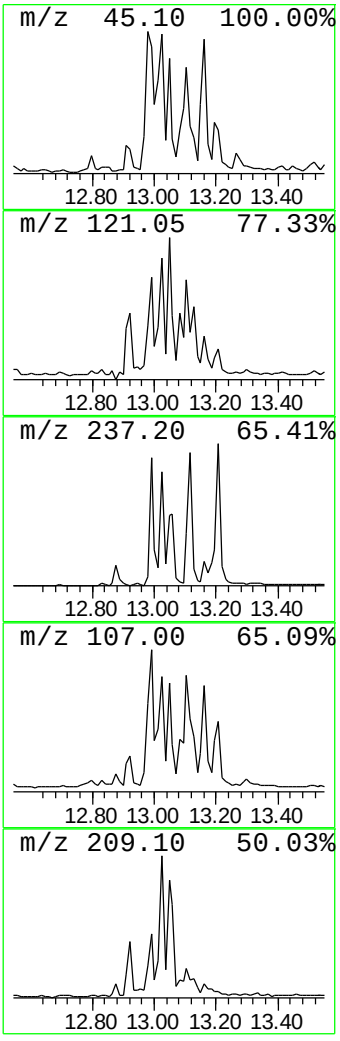
Peak Number 18 unknown13.05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	8.49 ng	622641	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	11
2	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	11
3	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	11
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	10
5	Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	007021-09-2	10





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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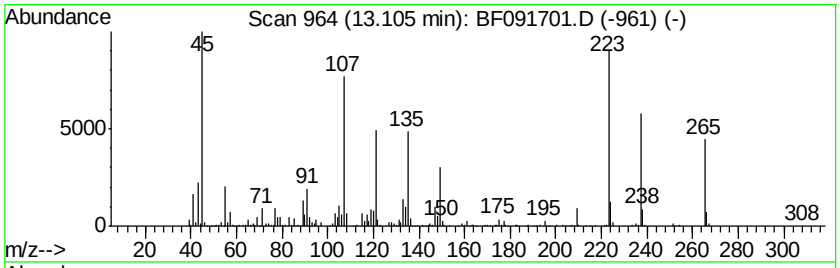
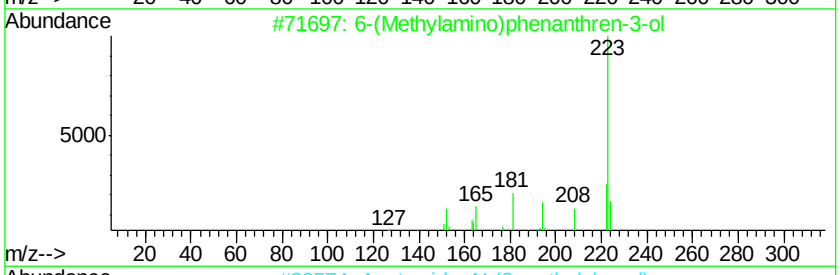
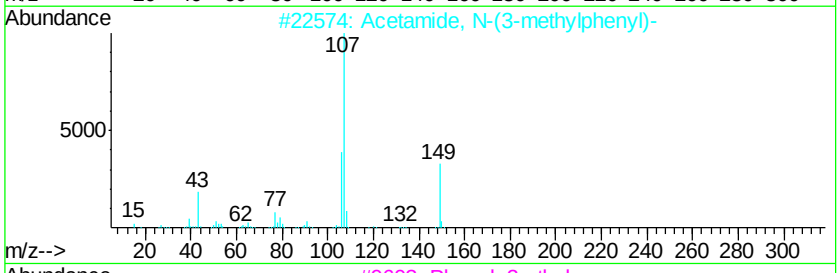
Peak Number 19 unknown13.11 Concentration Rank 6

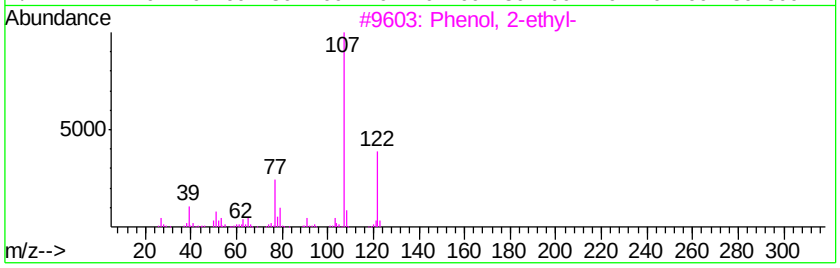
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	16.28 ng	1194220	Chrysene-d12	13.93

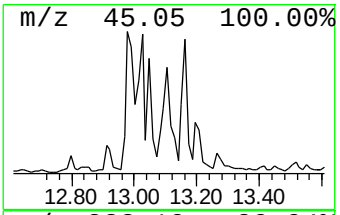
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(Methylamino)phenanthren-3-ol	223	C15H13NO	098033-23-9	22
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	11
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	11
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	11
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	11

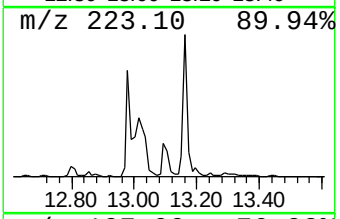


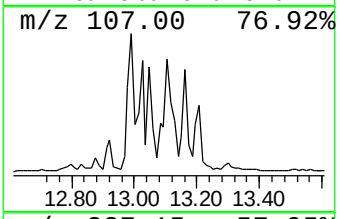


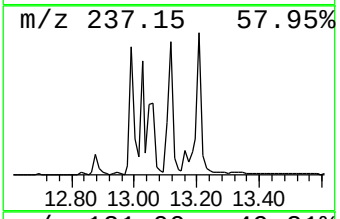


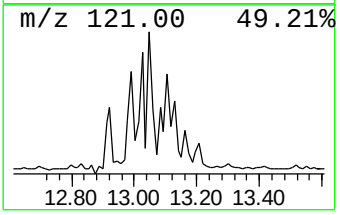












Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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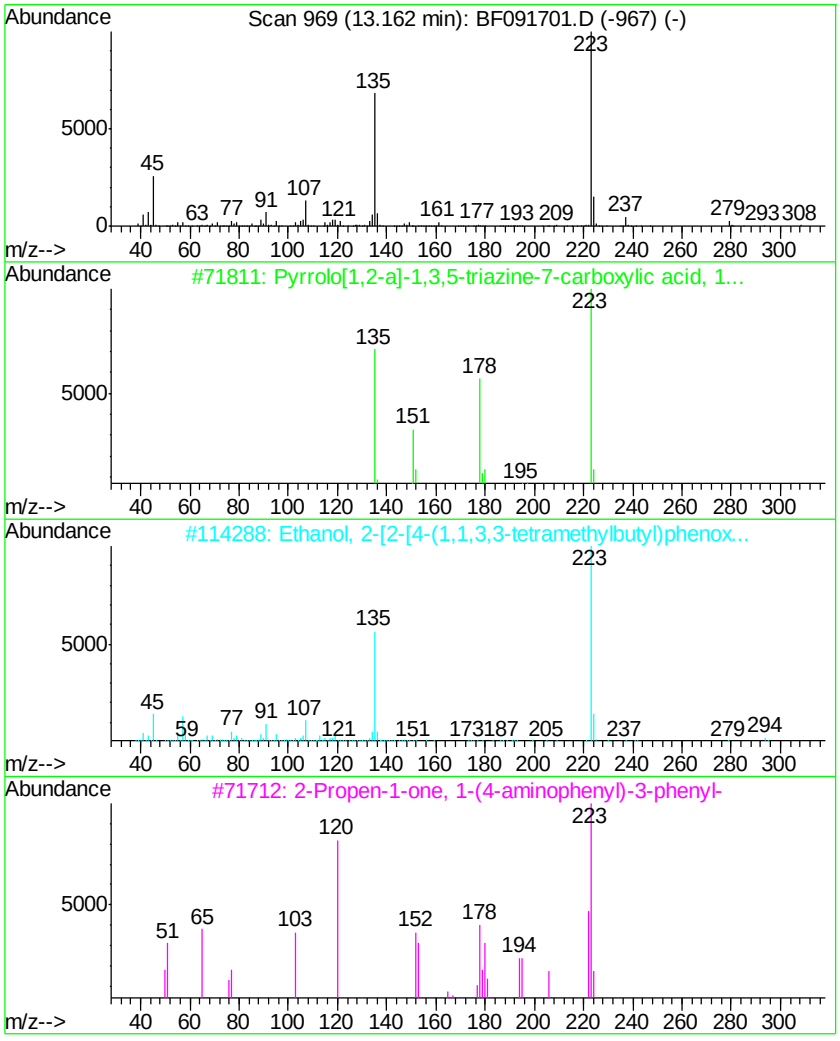
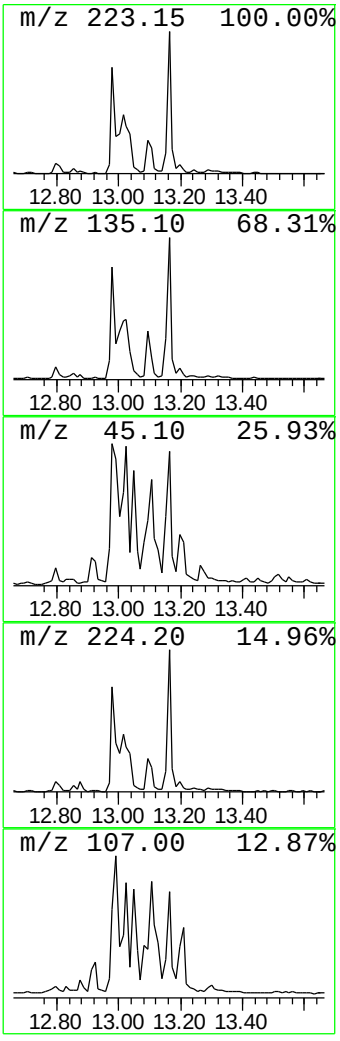
Peak Number 20 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	14.57 ng	1069280	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	86
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	80
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
4	Ethyl 3-[3-amino-5-methoxyphenyl...	223	C12H17NO3	1000213-27-3	37
5	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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
unknown6.54	6.54	48.1	ng	3621240	1	6.77	1504280	20.0
Benzene, 1-methyl...	6.85	23.4	ng	1757480	1	6.77	1504280	20.0
Cyclohexene, 4-me...	6.90	8.5	ng	639812	1	6.77	1504280	20.0
Cyclohexanemethan...	7.79	32.8	ng	3257490	2	8.06	1985460	20.0
(3-Methoxyphenyl)...	10.13	9.4	ng	972941	3	9.81	2062720	20.0
Phenol, 4-(1,1,3,...	10.79	10.6	ng	704816	4	11.30	1325020	20.0
1-(6-Methyl-2-pyr...	10.82	12.1	ng	804566	4	11.30	1325020	20.0
unknown10.85	10.85	14.5	ng	963104	4	11.30	1325020	20.0
1,3-Cyclopentadie...	10.97	11.6	ng	765523	4	11.30	1325020	20.0
6H-Purin-6-one, 2...	11.89	6.8	ng	453913	4	11.30	1325020	20.0
unknown11.92	11.92	11.6	ng	771408	4	11.30	1325020	20.0
Ethanol, 2-[4-(1,...	12.09	8.9	ng	586988	4	11.30	1325020	20.0
unknown12.99	12.99	23.2	ng	1699760	5	13.93	1467500	20.0
unknown13.03	13.03	15.6	ng	1144600	5	13.93	1467500	20.0
unknown13.05	13.05	8.5	ng	622641	5	13.93	1467500	20.0
unknown13.11	13.11	16.3	ng	1194220	5	13.93	1467500	20.0
Pyrrolo[1,2-a]-1,...	13.16	14.6	ng	1069280	5	13.93	1467500	20.0