LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF112115.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	2.135	12	13	23	rVB	441591	710398	10.51%	0.402%
2	2.707	58	63	66	rBV2	87831	369665	5.47%	0.209%
3	2.776	66	69	76	rVB4	292321	872394	12.90%	0.494%
4	4.433	212	214	222	rBV	246715	521200	7.71%	0.295%
5	4.776	242	244	251	rVB	955824	1180804	17.46%	0.668%
6	4.970	253	261	263	rBV2	98870	360900	5.34%	0.204%
7	5.130	268	275	279	rVB3	70506	270890	4.01%	0.153%
8	5.244	283	285	293	rVB	2705786	3089615	45.69%	1.749%
9	5.450	301	303	306	rVB2	104836	182460	2.70%	0.103%
10	5.622	314	318	321	rBV4	130481	342060	5.06%	0.194%
11	5.770	328	331	334	rBV3	125230	250382	3.70%	0.142%
12	5.873	338	340	344	rVB3	207910	371140	5.49%	0.210%
13	5.930	344	345	354	rVB4	195929	556208	8.23%	0.315%
14	6.090	354	359	361	rVB3	196693	489518	7.24%	0.277%
15	6.159	361	365	370	rBV3	250678	671045	9.92%	0.380%
16	6.250	370	373	374	rBV2	129336	219642	3.25%	0.124%
17	6.307	376	378	382	rBV	1500621	2325156	34.39%	1.316%
18	6.376	382	384	385	rBV2	194818	241196	3.57%	0.137%
19	6.422	385	388	390	rVB	4109739	5068131	74.95%	2.868%
20	6.502	392	395	396	rBV2	236639	418190	6.18%	0.237%
21	6.593	400	403	405	rBV4	262433	646480	9.56%	0.366%
22	6.639	405	407	409	rBV	1276696	1299662	19.22%	0.736%
23	6.730	411	415	417	rBV3	712349	1352244	20.00%	0.765%
24	6.799	417	421	425	rVB2	4466595	6023337	89.08%	3.409%
25	6.902	425	430	435	rBV4	532160	2022863	29.92%	1.145%
26	7.005	437	439	440	rBV2	431834	702112	10.38%	0.397%
27	7.039	440	442	443	rBV	625130	653250	9.66%	0.370%
28	7.073	443	445	446	rVB	366218	425261	6.29%	0.241%
29	7.210	451	457	460	rBV3	2705330	6761954	100.00%	3.827%
30	7.302	463	465	467	rVB2	1002264	1138949	16.84%	0.645%
31	7.347	467	469	470	rBV2	223789	325589	4.82%	0.184%
32	7.370	470	471	473	rBV	483510	571961	8.46%	0.324%
33	7.427	473	476	477	rBV3	535928	898555	13.29%	0.509%
34	7.450	477	478	481	rVB2	1814060	1926687	28.49%	1.090%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.519	481	484	485	rBV2	449101	693680	10.26%	0.393%
36	7.565	485	488	490	rBV3	1567770	2778379	41.09%	1.572%
37	7.633	492	494	495	rBV2	899689	685353	10.14%	0.388%
38	7.679	495	498	503	rVB5	2142533	4328635	64.01%	2.450%
39	7.770	503	506	508	rBV3	941480	2272418	33.61%	1.286%
40	7.805	508	509	510	rBV	284873	226681	3.35%	0.128%
41	7.839	510	512	514	rVB2	629376	857032	12.67%	0.485%
42	7.873	514	515	517	rBV2	420532	532081	7.87%	0.301%
43	7.930	517	520	522	rBV2	2690763	3907074	57.78%	2.211%
44	8.147	533	539	540	rBV4	1268503	3388485	50.11%	1.918%
45	8.182	540	542	543	rBV	1132824	1121810	16.59%	0.635%
46	8.227	543	546	548	rVB4	832475	1778078	26.30%	1.006%
47	8.296	550	552	553	rBV2	633766	796358	11.78%	0.451%
48	8.376	556	559	561	rBV	2722259	4238069	62.68%	2.398%
49	8.479	567	568	572	rVB4	817657	1113008	16.46%	0.630%
50	8.548	572	574	575	rBV2	1175419	1636662	24.20%	0.926%
51	8.639	580	582	584	rVB2	1381935	1944847	28.76%	1.101%
52	8.673	584	585	586	rBV	501232	592879	8.77%	0.336%
53	8.719	586	589	590	rVV2	888153	1491628	22.06%	0.844%
54	8.753	590	592	594	rVB2	1539324	2295567	33.95%	1.299%
55	8.970	608	611	613	rBV3	2205243	3669874	54.27%	2.077%
56	9.016	613	615	619	rVB	5371139	6645003	98.27%	3.761%
57	9.108	619	623	624	rBV2	1512073	2482946	36.72%	1.405%
58	9.222	631	633	635	rBV3	639673	1166785	17.26%	0.660%
59	9.279	635	638	640	rBV4	755373	1370964	20.27%	0.776%
60	9.428	649	651	653	rBV2	1707960	2249641	33.27%	1.273%
61	9.633	667	669	672	rBV2	967560	1609519	23.80%	0.911%
62	9.679	672	673	680	rVB2	1527834	3233077	47.81%	1.830%
63	9.782	680	682	685	rVB3	607872	1040922	15.39%	0.589%
64	9.908	691	693	696	rVB4	1303895	2445808	36.17%	1.384%
65	10.091	705	709	710	rBV	1594145	2903661	42.94%	1.643%
66	10.125	710	712	715	rVB4	1030384	1746252	25.82%	0.988%
67	10.193	715	718	720	rVB	1992300	2834489	41.92%	1.604%
68	10.319	726	729	730	rBV3	1138943	1617363	23.92%	0.915%
69	10.353	730	732	737	rVB5	1097018	2619867	38.74%	1.483%
70	10.479	737	743	745	rBV2	2746784	5805608	85.86%	3.286%
71	10.559	748	750	752	rVV3	955241	1346817	19.92%	0.762%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.616	753	755	759	rVV4	1530540	4081033	60.35%	2.310%
73	10.673	759	760	762	rVV	3180537	3903450	57.73%	2.209%
74	10.708	762	763	765	rVV2	3543175	4911881	72.64%	2.780%
75	10.742	765	766	769	rVV2	3545806	5181467	76.63%	2.932%
76	10.822	769	773	774	rVV2	1342212	3168430	46.86%	1.793%
77	10.856	774	776	777	rVV	2641930	3572036	52.83%	2.022%
78	10.891	777	779	781	rVV	3790102	4558208	67.41%	2.580%
79	10.925	781	782	785	rVB2	1911761	2352801	34.79%	1.332%
80	11.039	787	792	793	rBV3	340682	1030513	15.24%	0.583%
81	11.085	793	796	798	rVV3	1183854	1630229	24.11%	0.923%
82	11.119	798	799	800	rVV	263687	209167	3.09%	0.118%
83	11.153	800	802	805	rVB	1019268	1448155	21.42%	0.820%
84	11.222	805	808	811	rVB2	439346	769363	11.38%	0.435%
85	11.405	823	824	827	rVB	430091	422002	6.24%	0.239%
86	11.565	836	838	840	rVB3	556296	594213	8.79%	0.336%
87	11.725	849	852	855	rBV	891862	1212464	17.93%	0.686%
88	11.782	855	857	859	rBV2	144476	185225	2.74%	0.105%
89	11.931	867	870	872	rBV	1438021	1605057	23.74%	0.908%
90	12.216	894	895	898	rVB2	236254	232741	3.44%	0.132%
91	12.376	907	909	911	rBV	424512	562708	8.32%	0.318%
92	12.491	917	919	922	rBV	658988	761735	11.27%	0.431%
93	12.742	938	941	943	rBV	5153829	5027491	74.35%	2.845%
94	13.782	1029	1032	1034	rBV	919398	1272055	18.81%	0.720%
95	14.274	1072	1075	1079	rVB	151435	340563	5.04%	0.193%
96	14.422	1086	1088	1092	rBV	377288	737525	10.91%	0.417%
97	15.085	1143	1146	1148	rVV	329273	429118	6.35%	0.243%
98	15.142	1148	1151	1157	rVB	791693	1138734	16.84%	0.644%
99	15.440	1175	1177	1184	rVB	140244	268470	3.97%	0.152%
100	15.840	1210	1212	1219	rVB2	176698	364718	5.39%	0.206%

Sum of corrected areas: 176698770

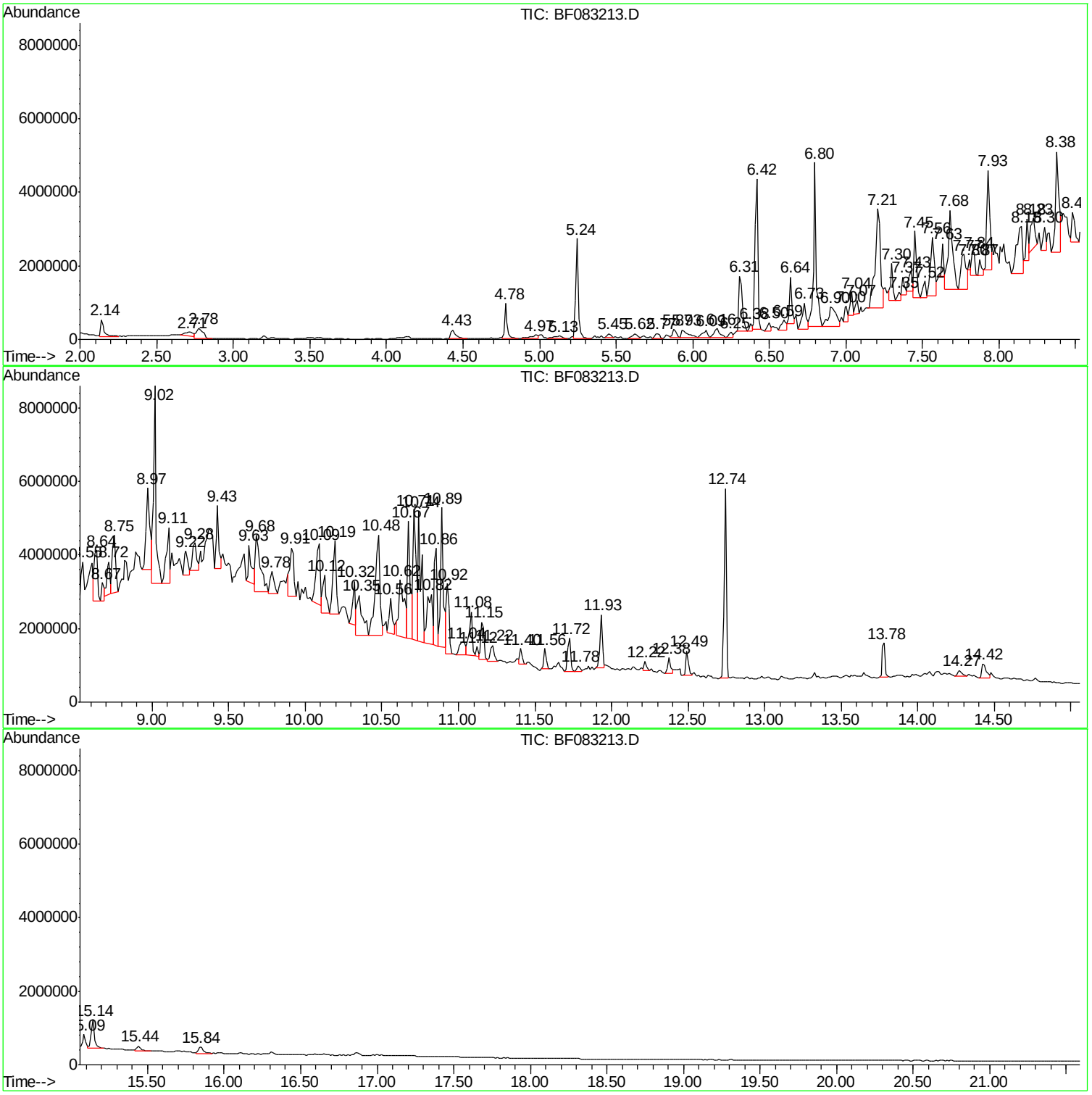
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

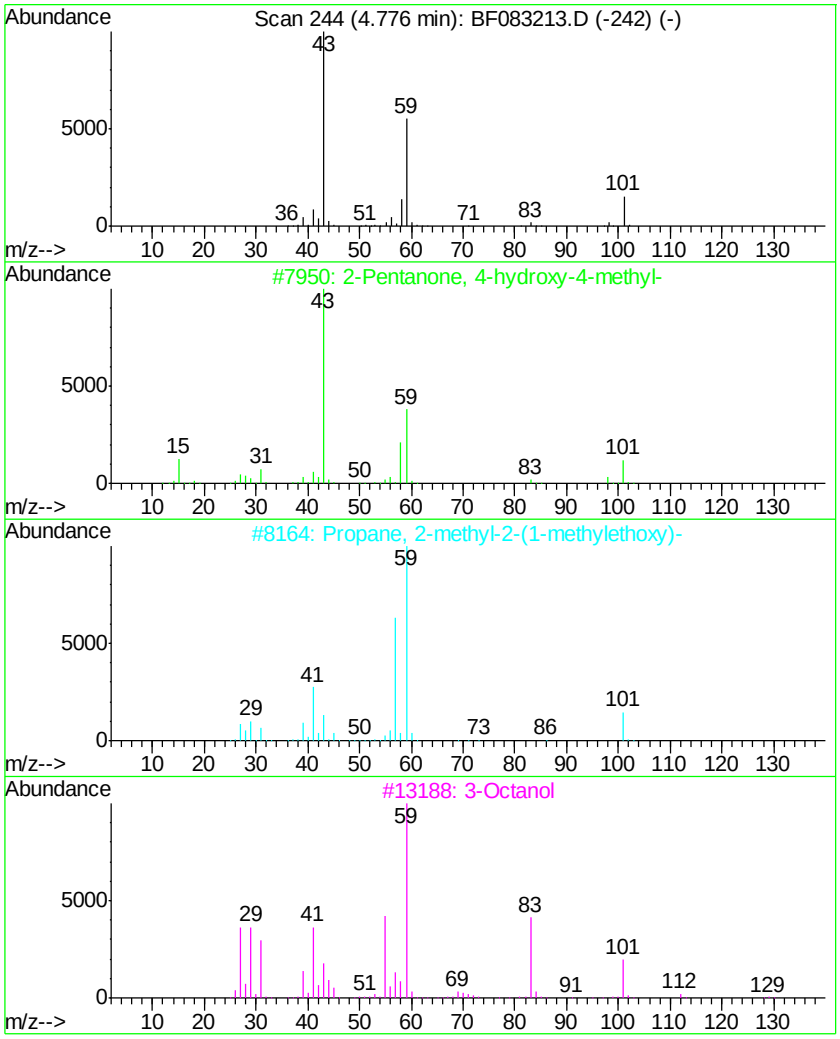
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

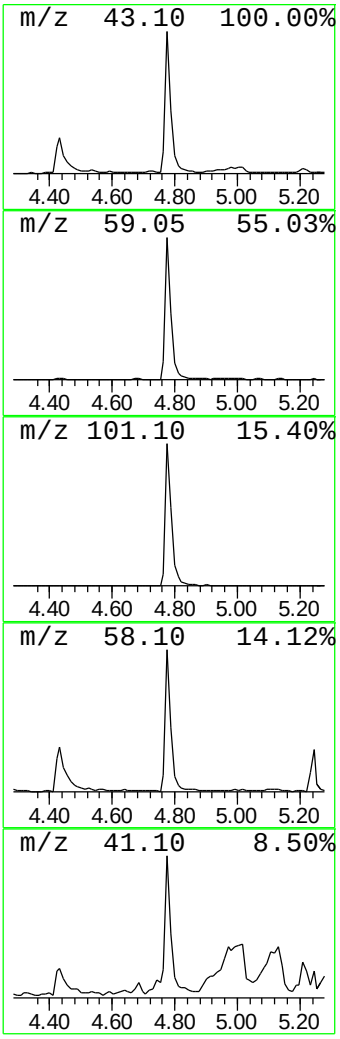
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	18.17 ng	1180800	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

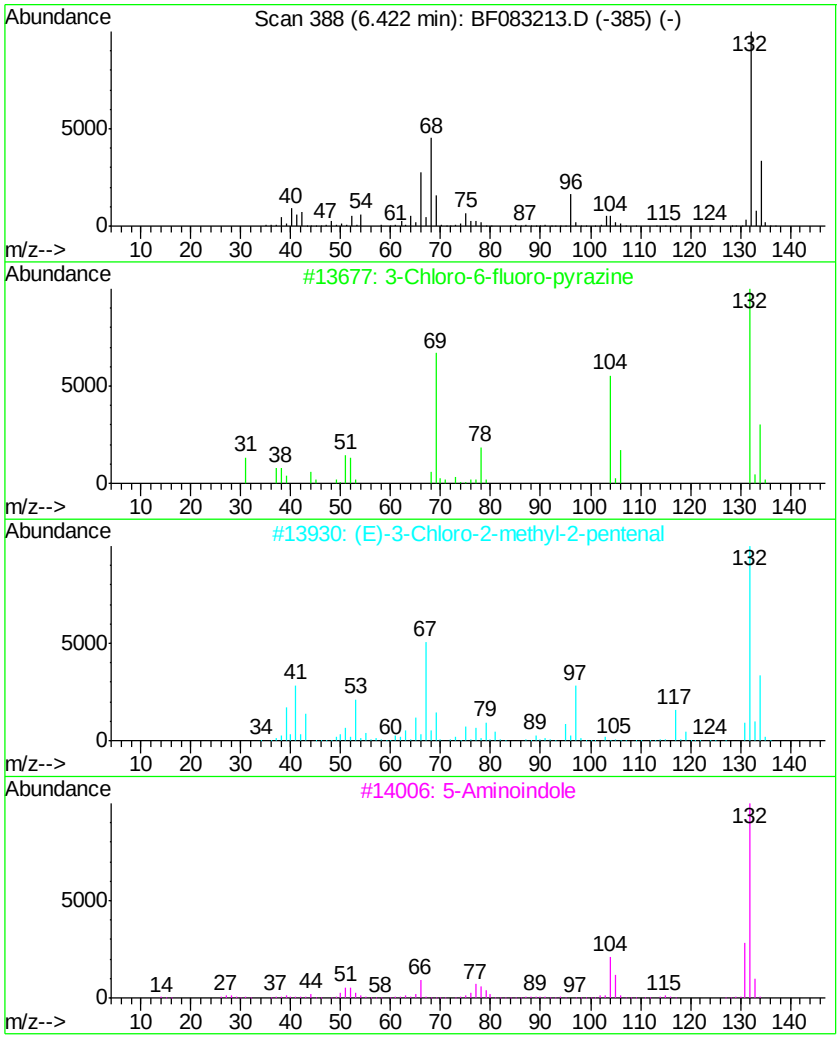
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

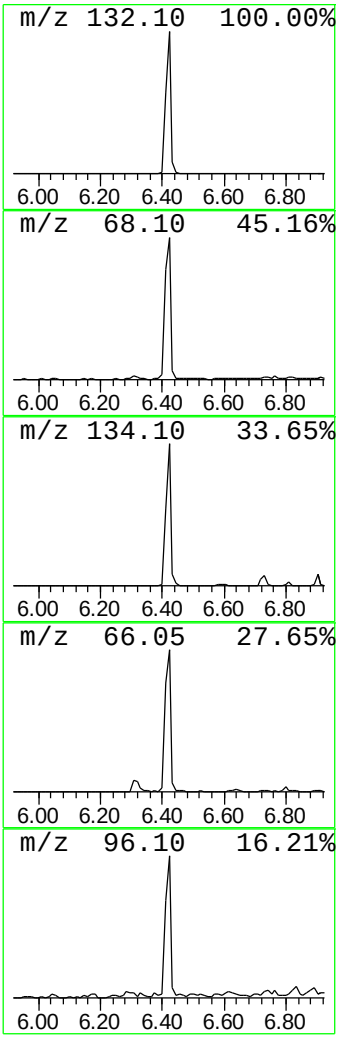
****

Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	77.99 ng	5068130	1,4-Dichlorobenzene-d4	6.64

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

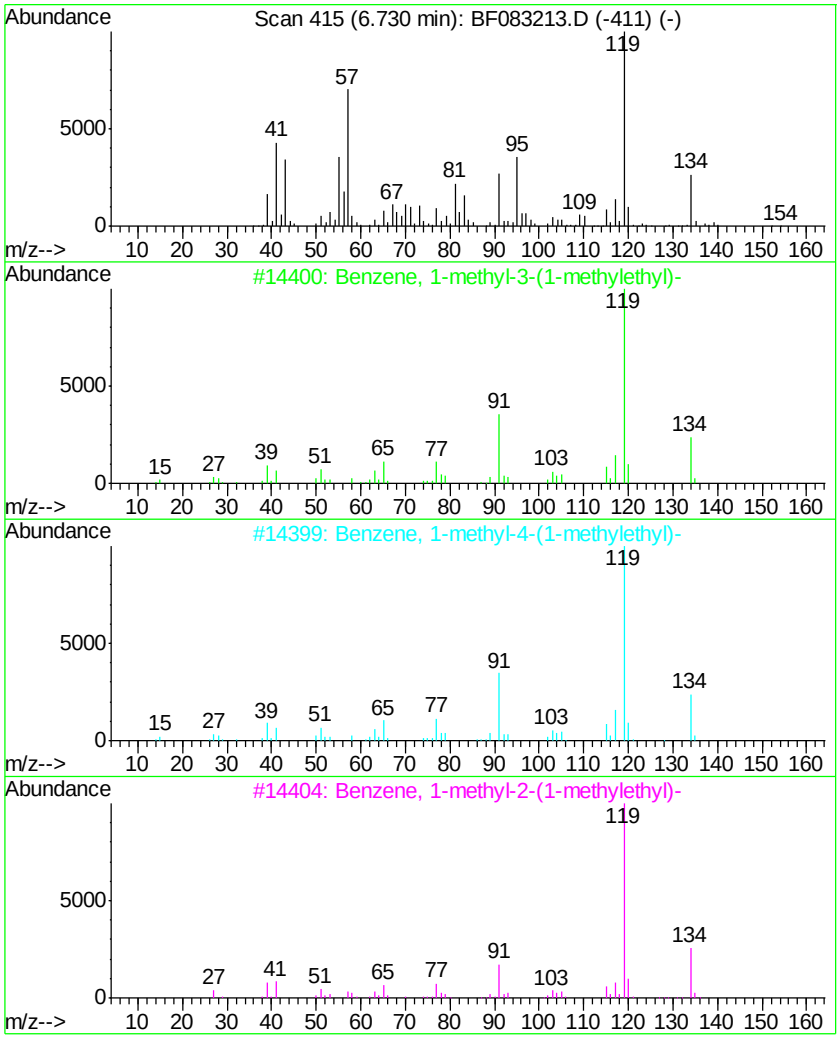
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

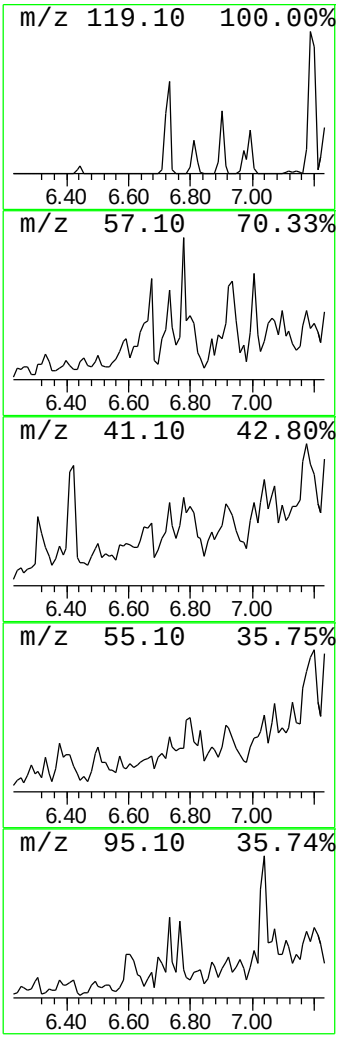
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	20.81 ng	1352240	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

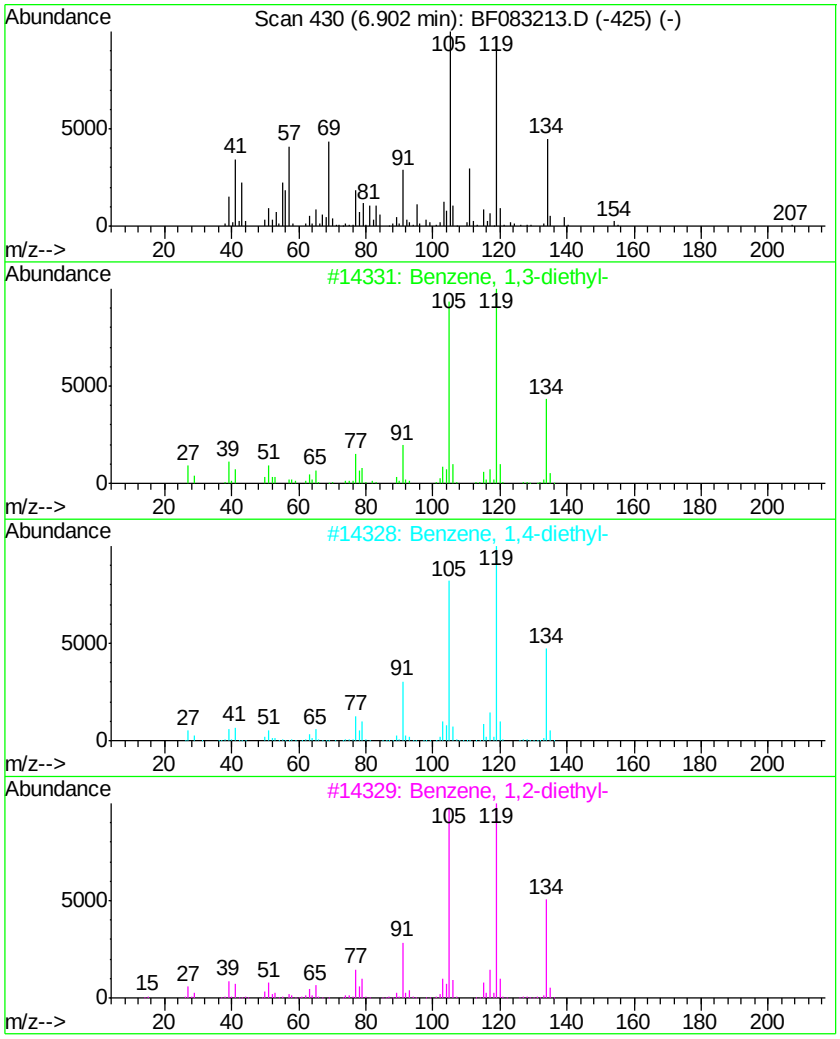
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

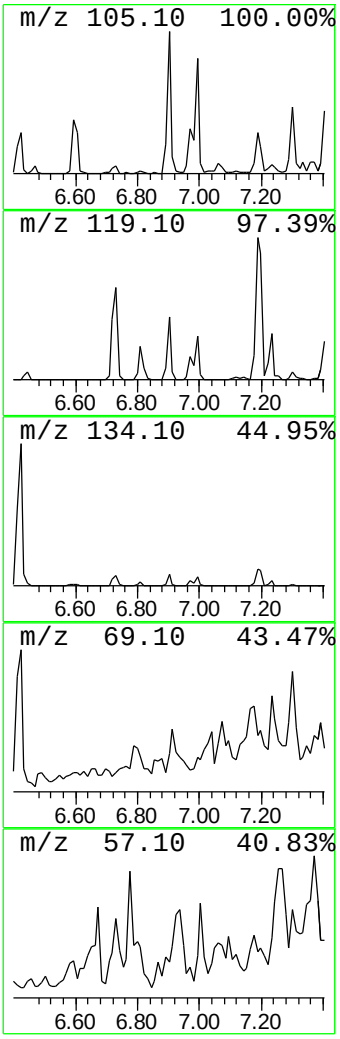
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	31.13 ng	2022860	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

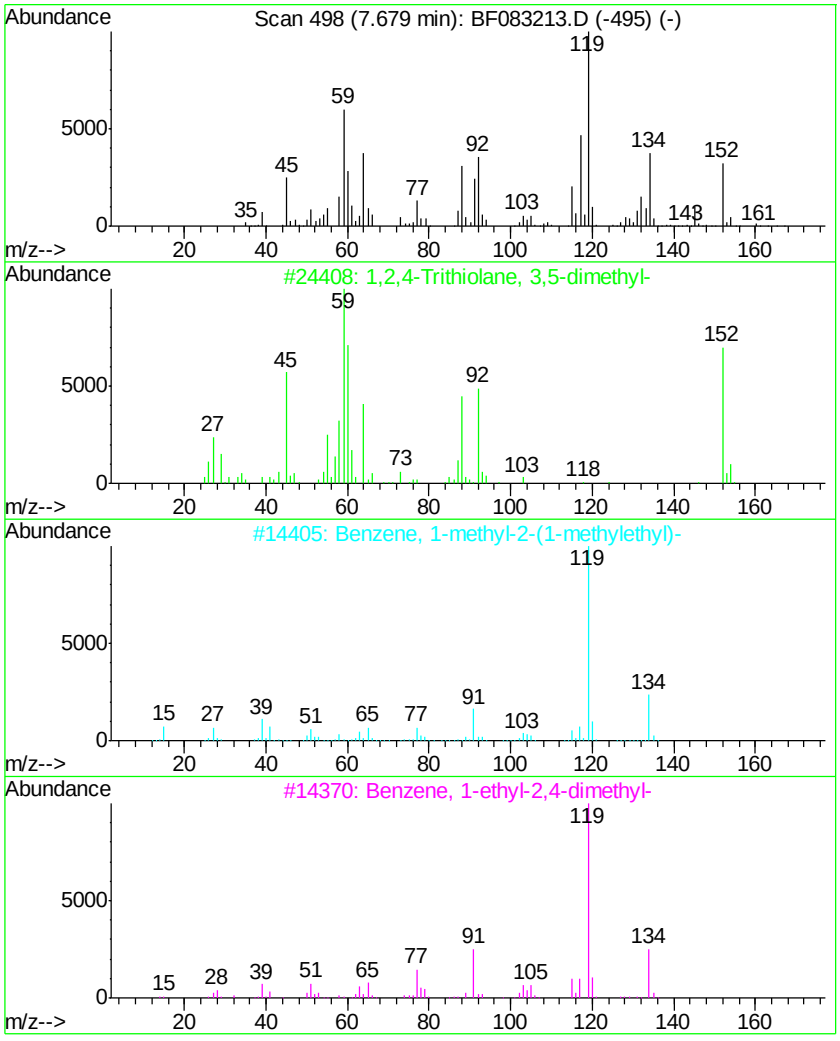
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

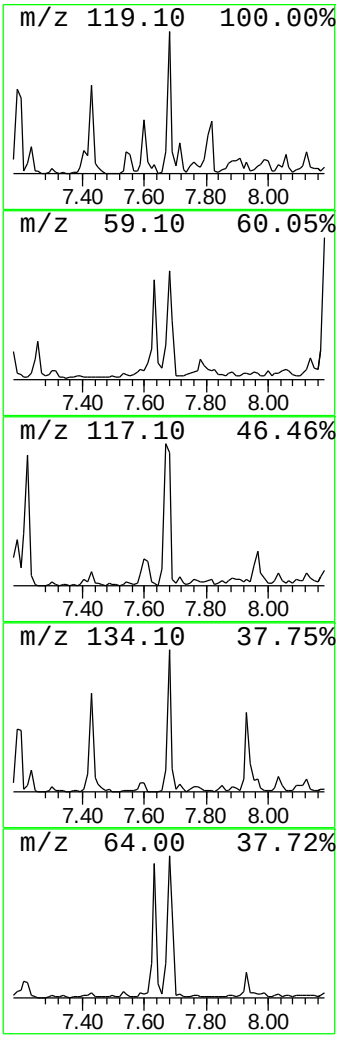
****

Peak Number 6 unknown7.68 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	22.16 ng	4328640	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	42
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	30
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	30
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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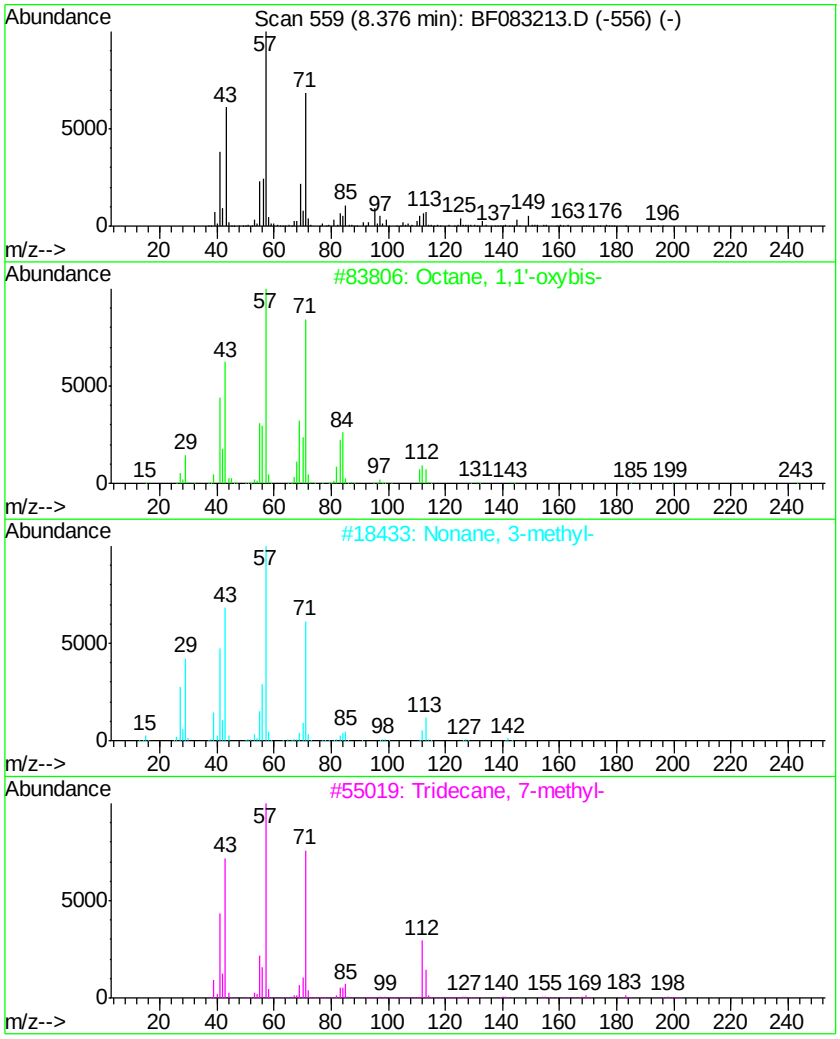
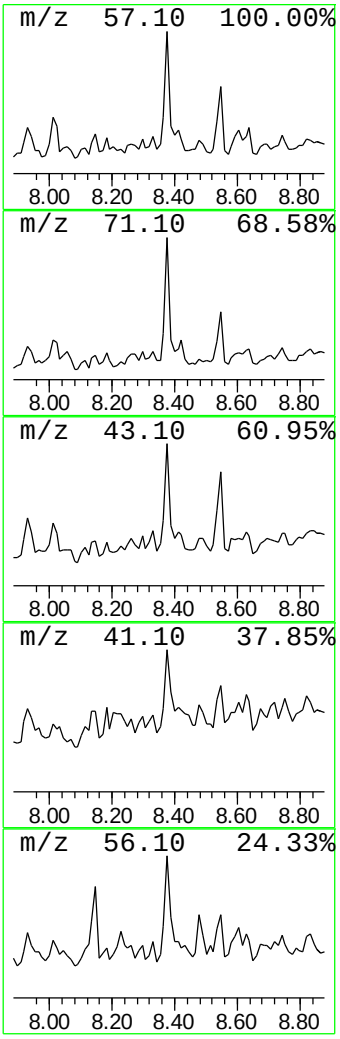
Peak Number 7 Octane, 1,1'-oxybis- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	21.69 ng	4238070	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43





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Instrument : BNA_F
ClientSampleId : MW-02

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

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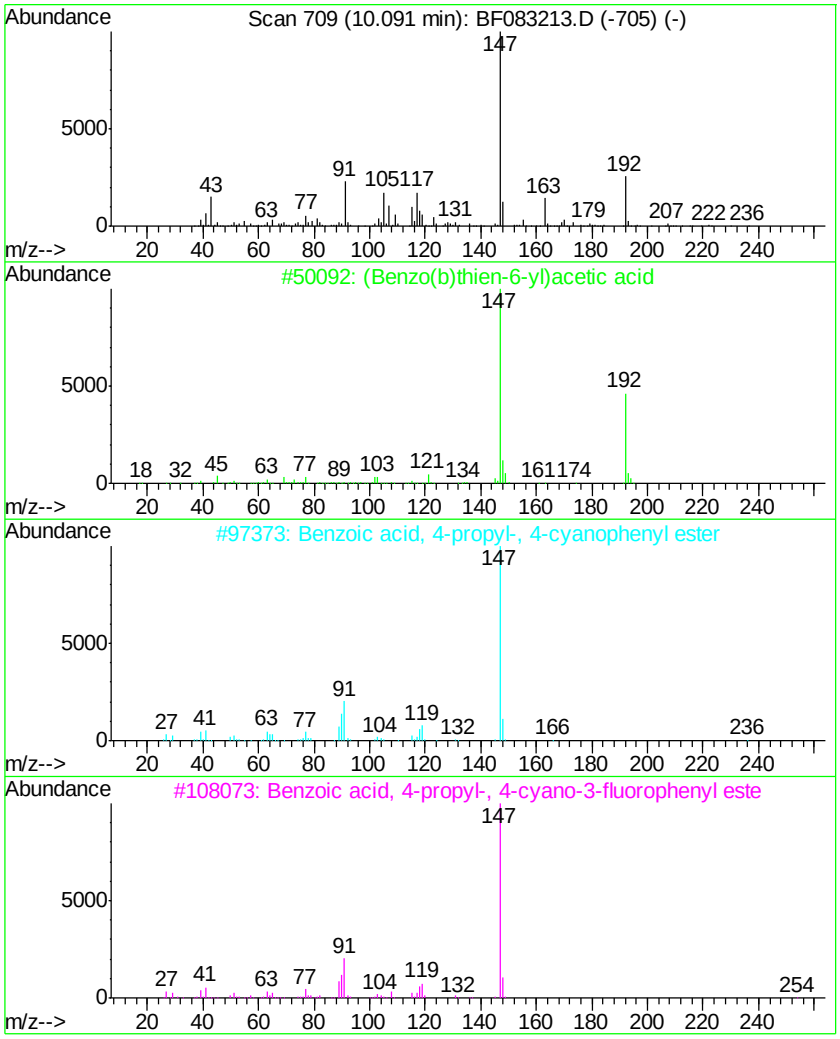
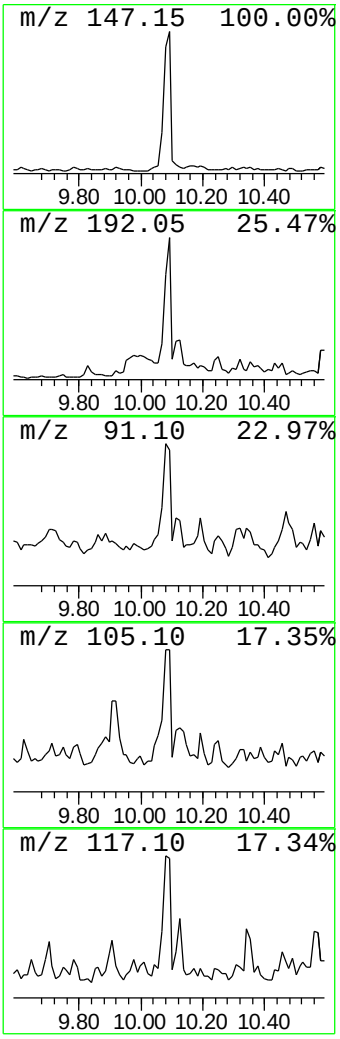
Peak Number 8 (Benzo(b)thien-6-yl)acetic ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	17.96 ng	2903660	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	53
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	50
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	50
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	50
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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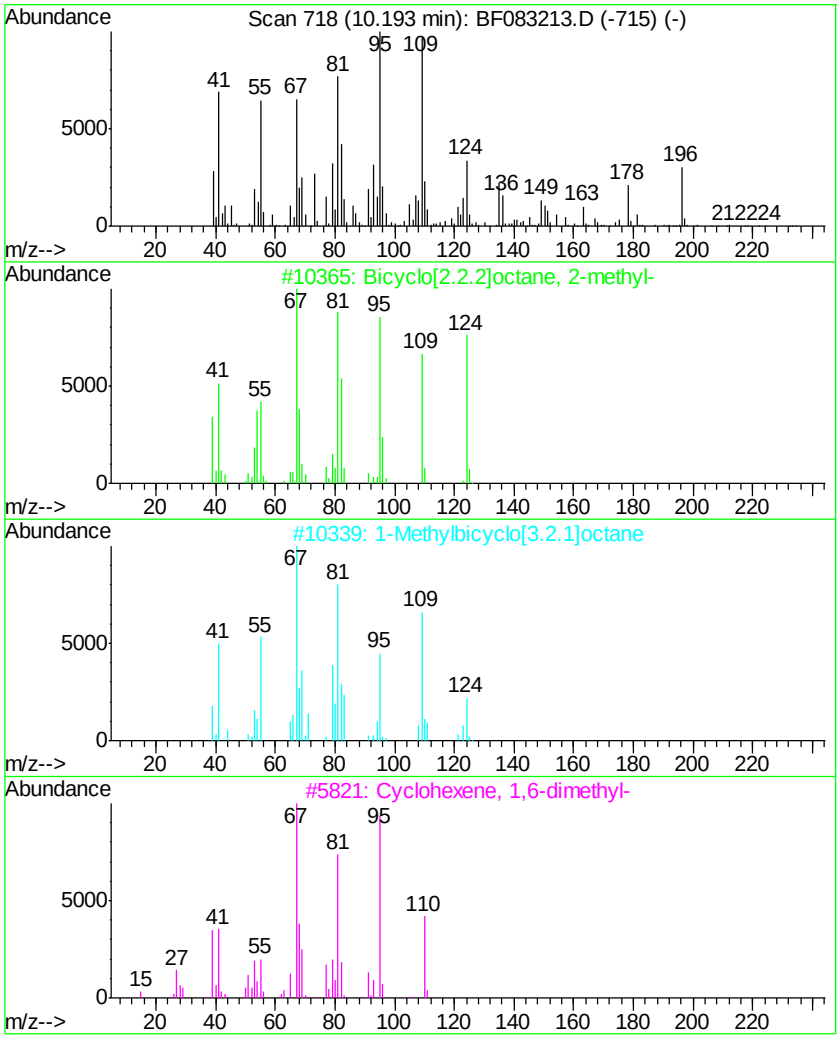
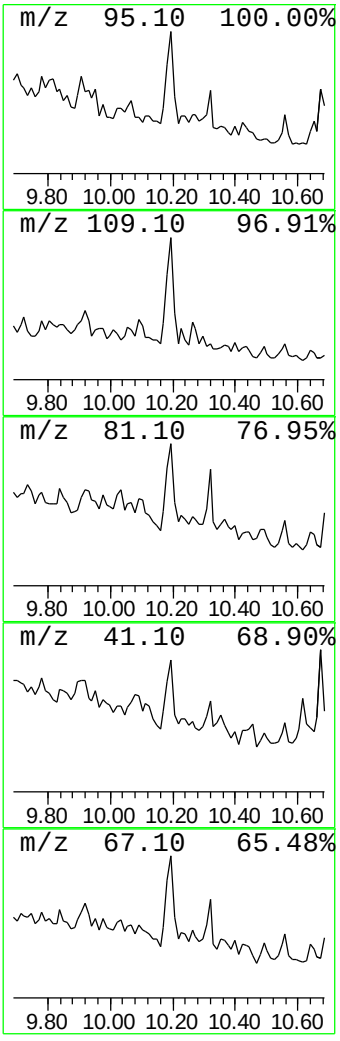
Peak Number 9 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	17.53 ng	2834490	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	70
2	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	53
3	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	46
4	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	43
5	Cyclooctane, ethenyl-	138	C10H18	061142-41-4	43





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Instrument : BNA_F
ClientSampleId : MW-02

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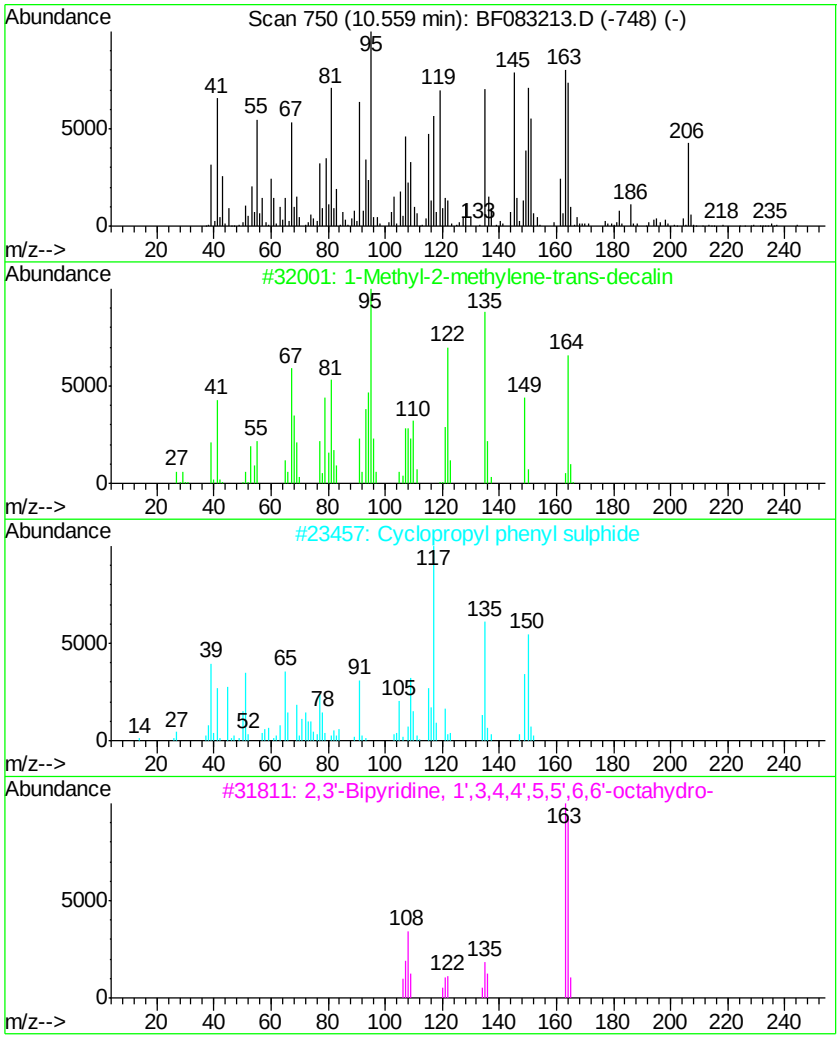
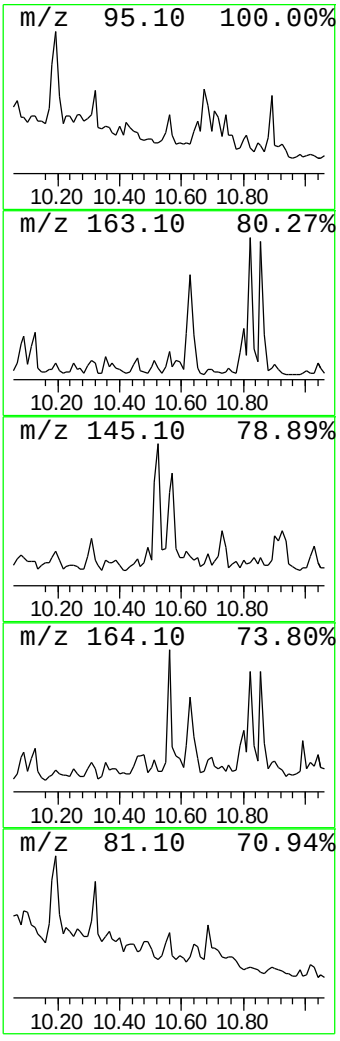
Peak Number 10 unknown10.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	18.60 ng	1346820	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylene-trans-decalin	164	C12H20	090548-09-7	38
2	Cyclopropyl phenyl sulphide	150	C9H10S	014633-54-6	25
3	2,3'-Bipyridine, 1',3,4,4',5,5',...	164	C10H16N2	018017-50-0	25
4	1-Thienylcyclohexene	164	C10H12S	076576-48-2	18
5	1,2-Benzenedimethanethiol, 4,5-d...	198	C10H14S2	010230-61-2	18





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Instrument : BNA_F
ClientSampleId : MW-02

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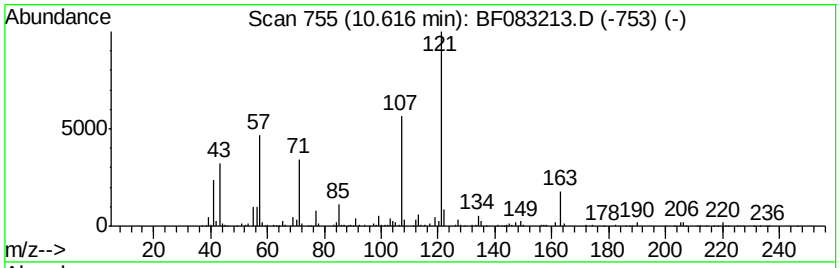
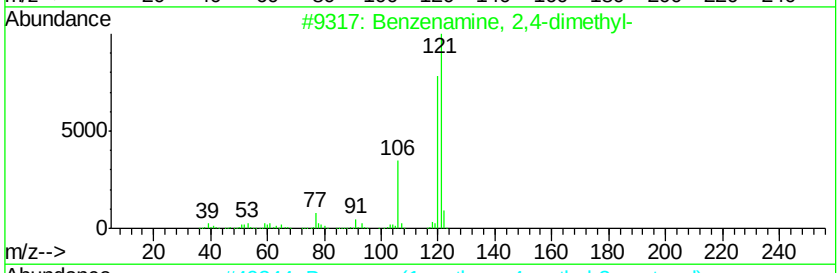
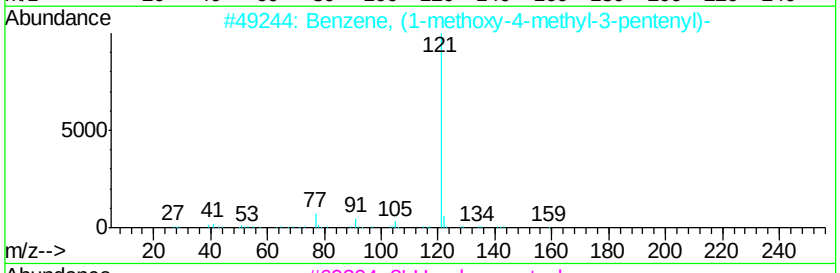
Peak Number 11 unknown10.62 Concentration Rank 6

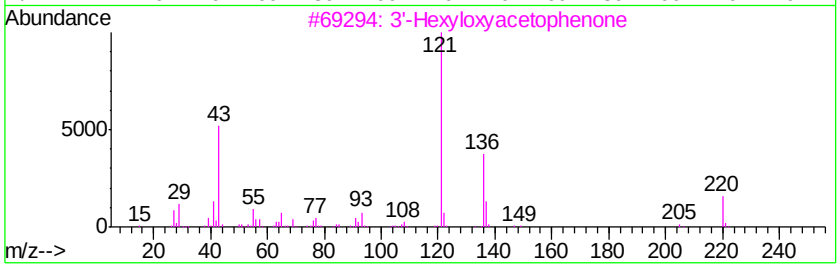
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	56.36 ng	4081030	Phenanthrene-d10	11.15

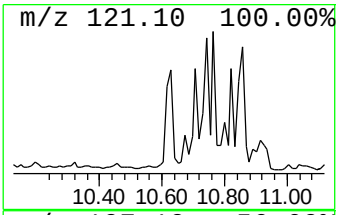
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	38
2	Benzene, (1-methoxy-4-methyl-3-p...	190	C13H18O	068705-86-2	35
3	3'-Hexyloxyacetophenone	220	C14H20O2	037062-71-8	32
4	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	32
5	(d-Threo-2,3-diphenyl)-2-butanol	226	C16H18O	004539-33-7	25

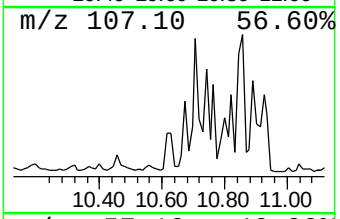


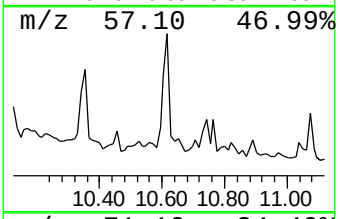


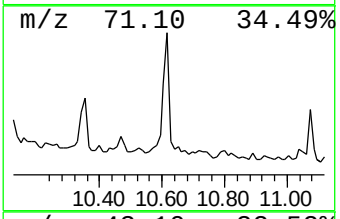


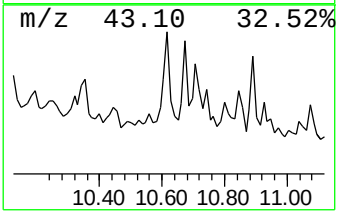












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Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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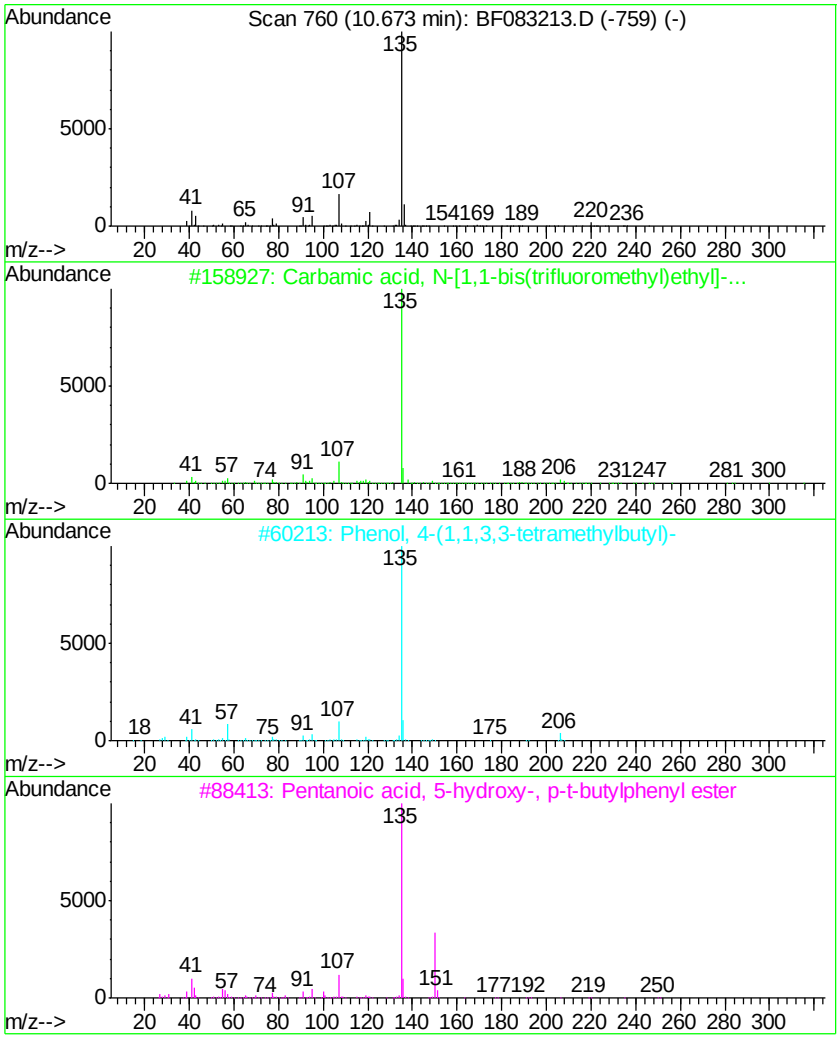
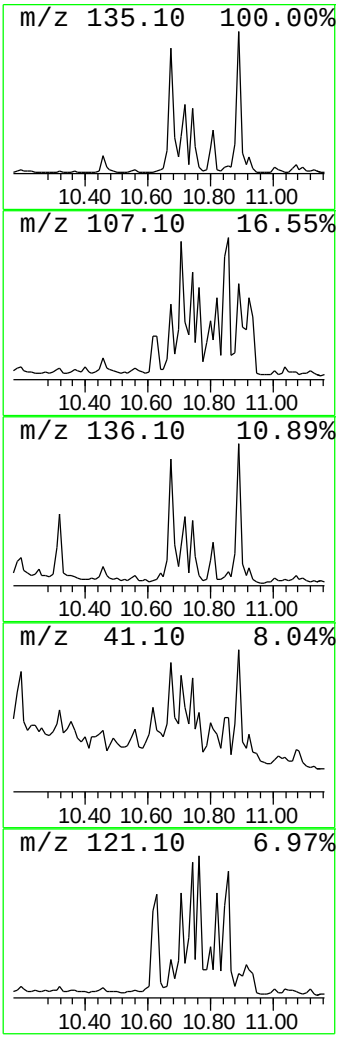
Peak Number 12 Carbamic acid, N-[1,1-bis(t... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	53.91 ng	3903450	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	64





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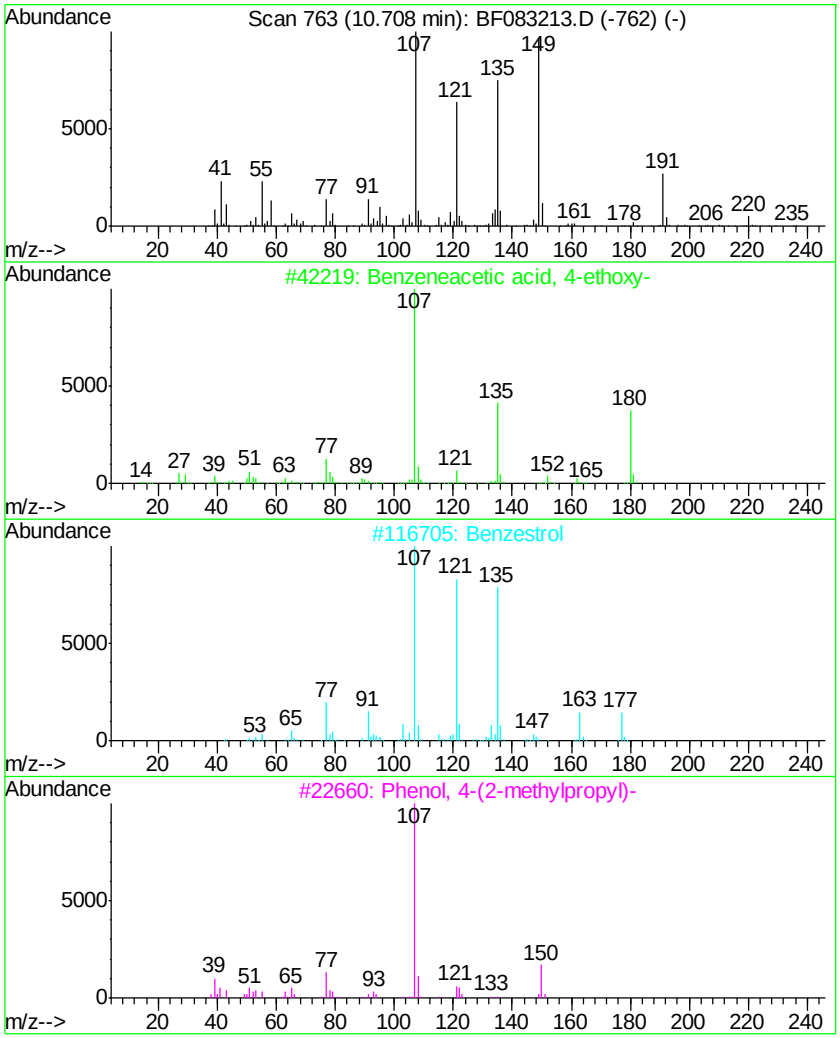
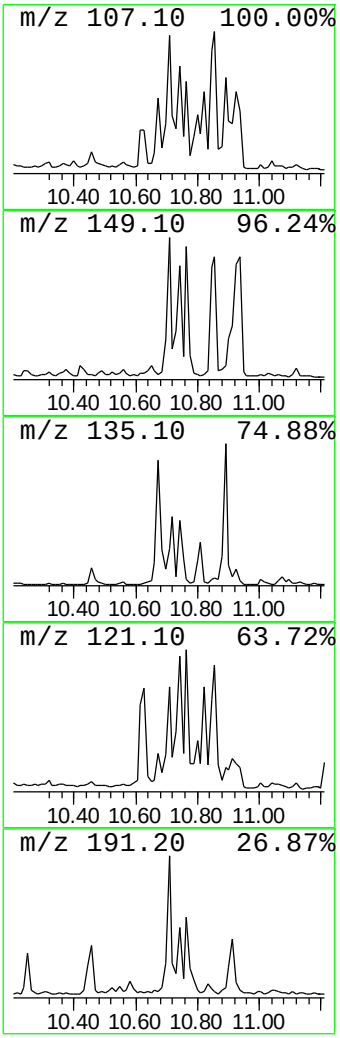
Peak Number 13 unknown10.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	67.84 ng	4911880	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	43
2	Benzestrol	298	C20H26O2	000085-95-0	38
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	35
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	30
5	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	27





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Instrument : BNA_F
ClientSampleId : MW-02

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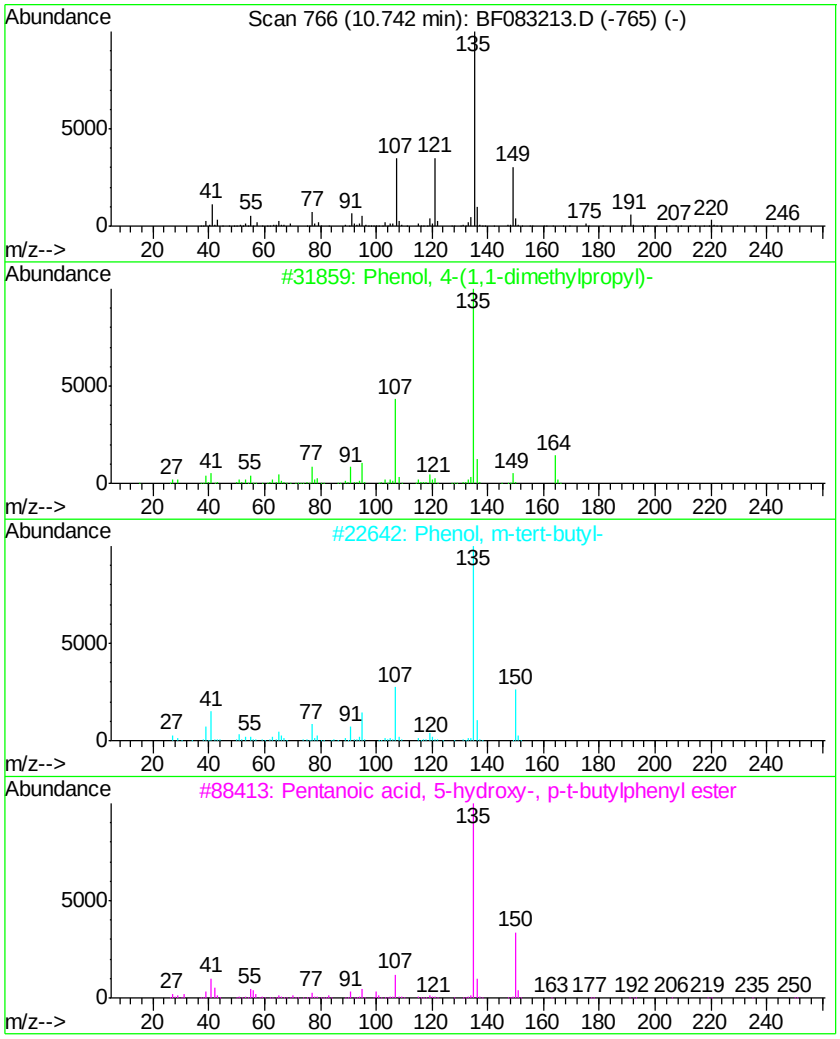
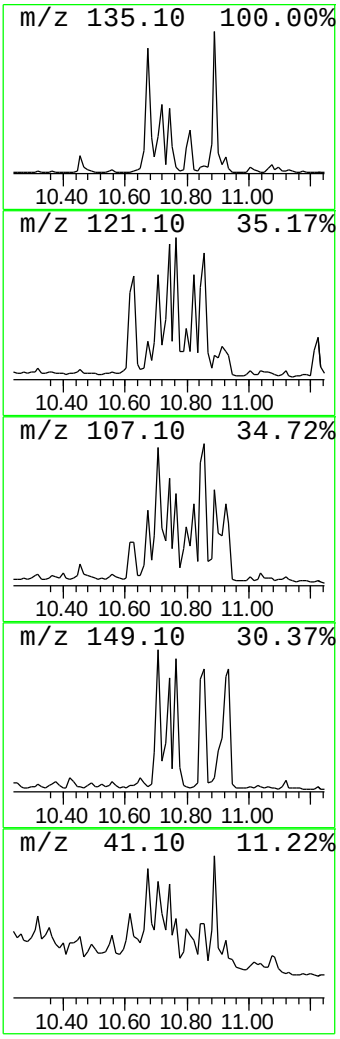
Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	71.56 ng	5181470	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	59
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	59
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	53





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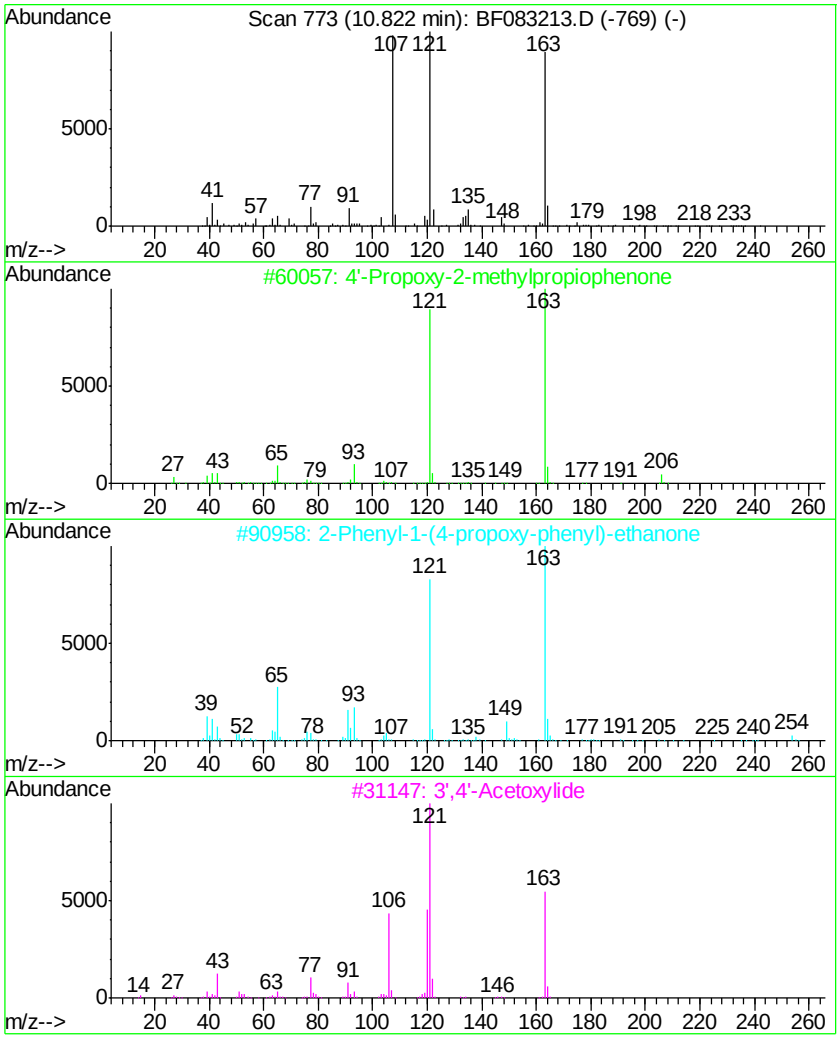
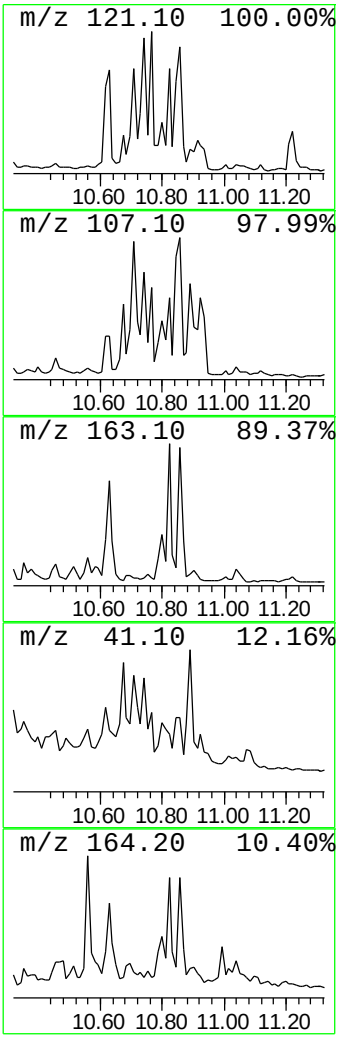
Peak Number 15 unknown10.82 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	43.76 ng	3168430	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Propoxy-2-methylpropiophenone	206	C13H18O2	064436-60-8	47
2	2-Phenyl-1-(4-propoxy-phenyl)-et...	254	C17H18O2	063192-18-7	47
3	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	47
4	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	38
5	Silane, triethoxy-2-propenyl-	204	C9H20O3Si	002550-04-1	27





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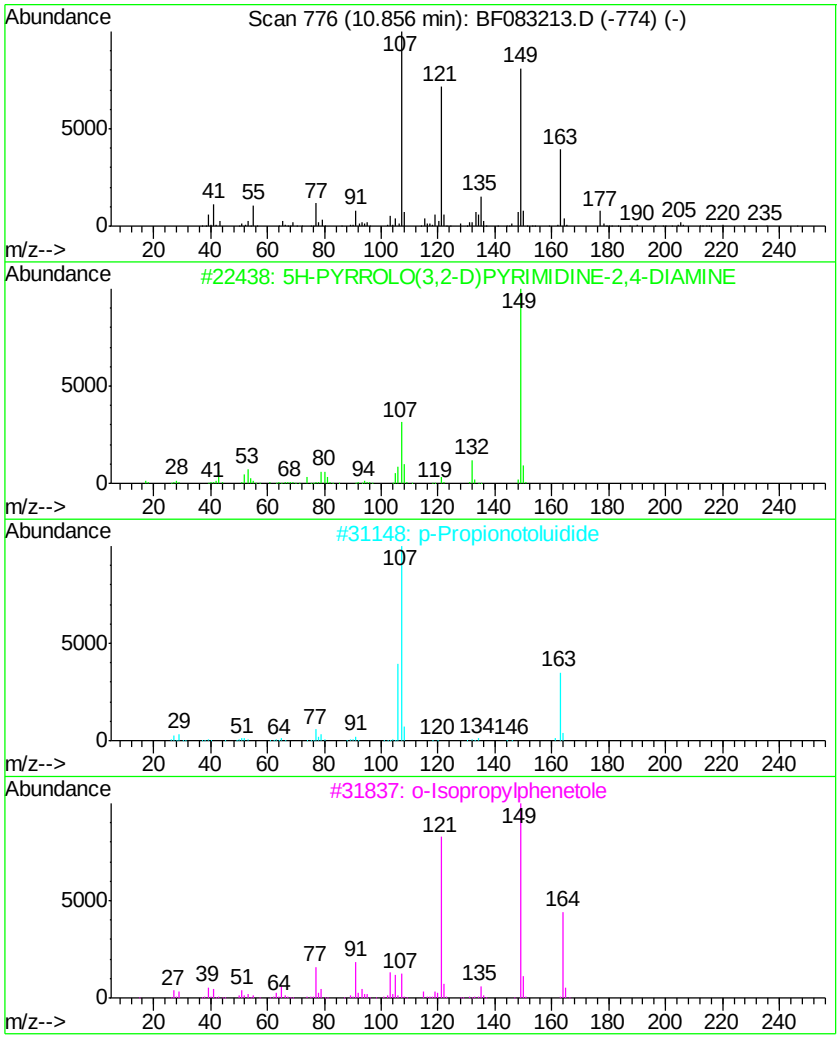
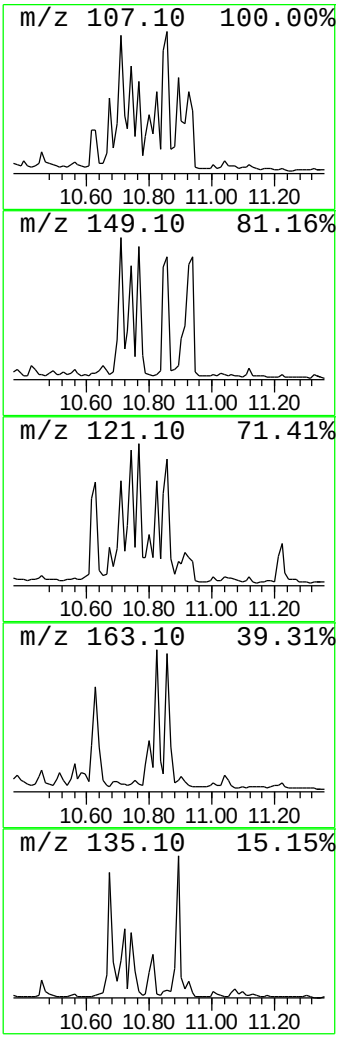
Peak Number 16 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	49.33 ng	3572040	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	58
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
3	o-Isopropylphenetole	164	C11H16O	056631-59-5	35
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	30
5	3-Methyl-4-(3,7,7-trimethyl-2-ox...	220	C14H20O2	1000189-10-9	27





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TIC Integration Parameters: LSCINT.P

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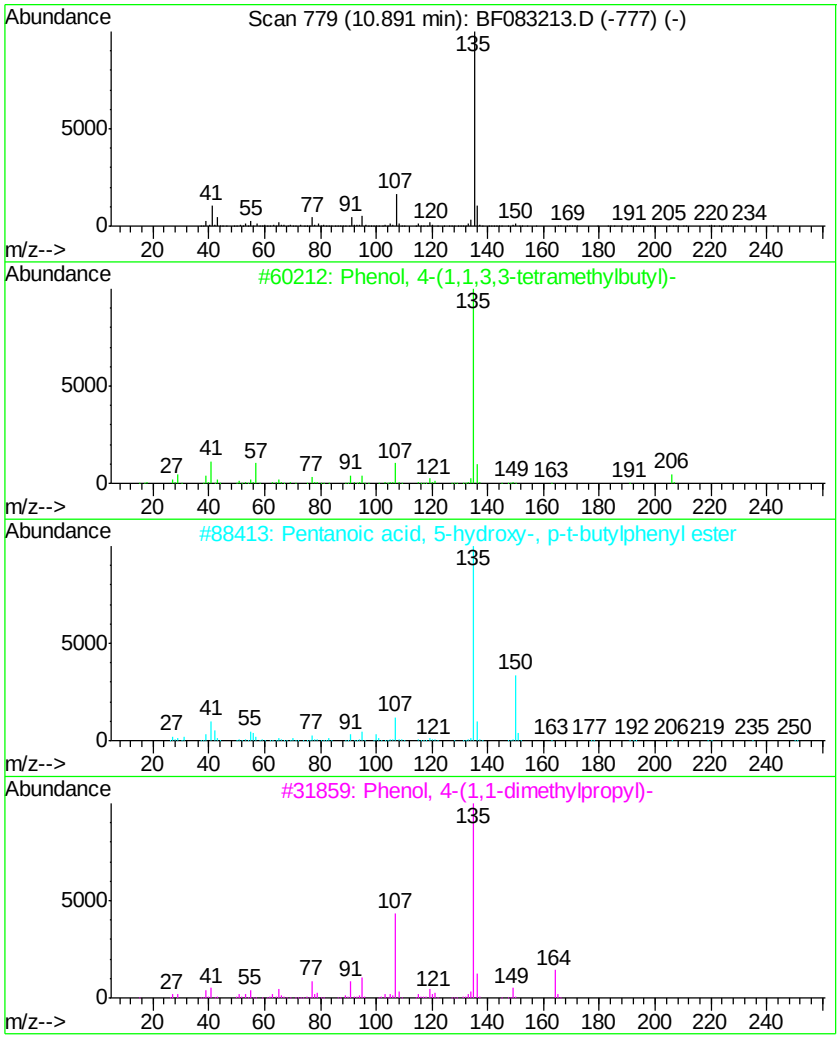
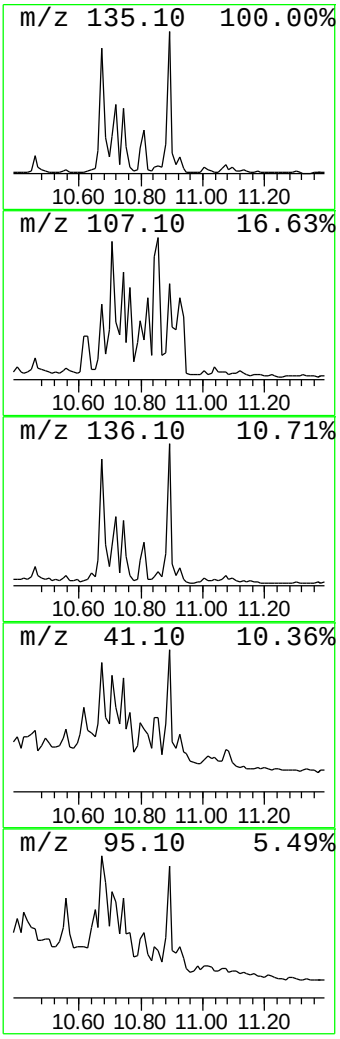
Peak Number 17 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	62.95 ng	4558210	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4	Pentandioic acid, (p-t-butylphen...	264	C15H20O4	212762-88-4	72
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64





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Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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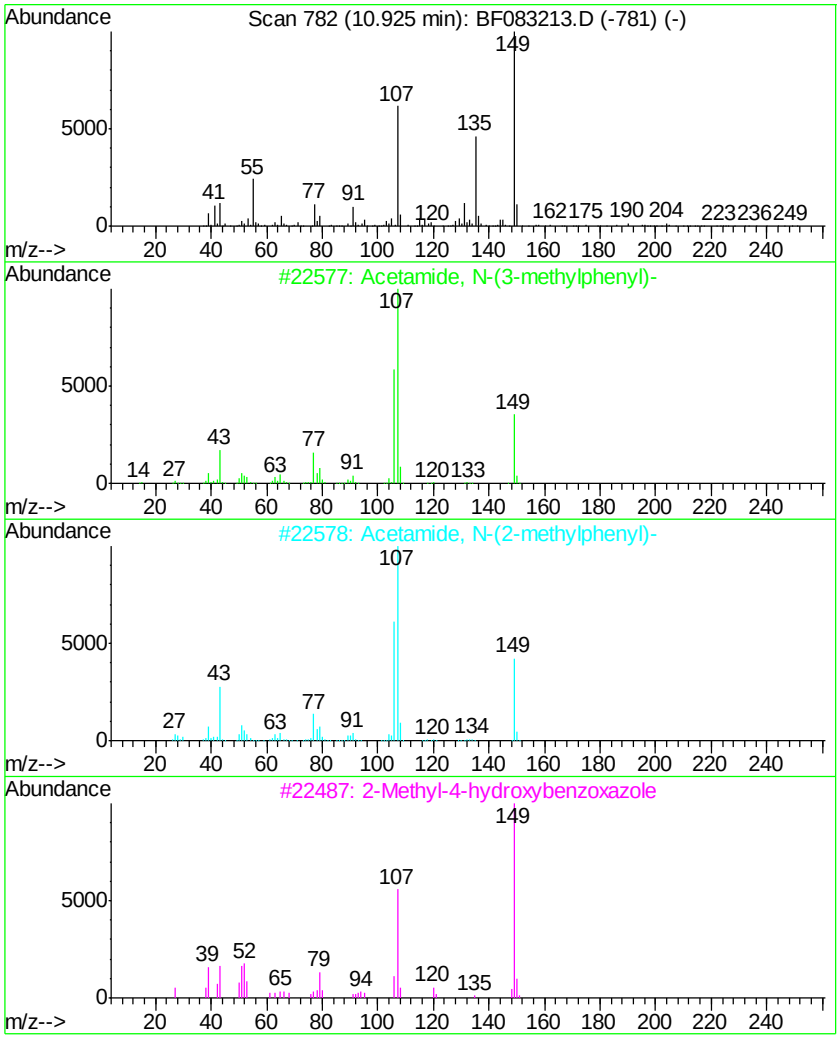
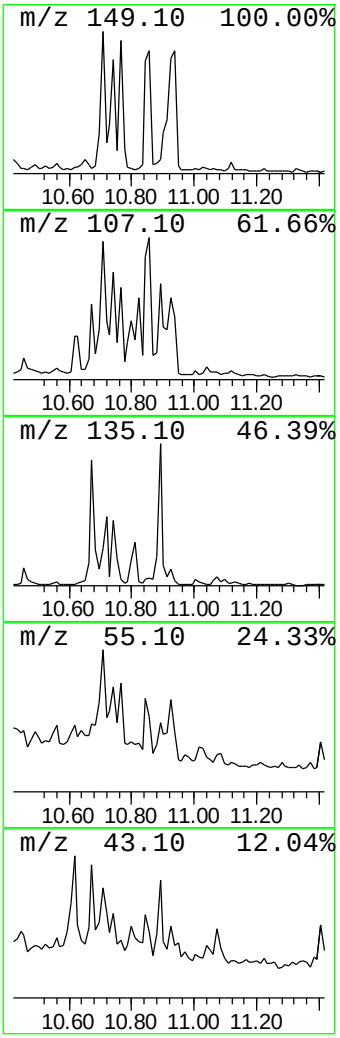
Peak Number 18 Acetamide, N-(3-methylphenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	32.49 ng	2352800	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	52
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	43
5	5-Cyano-3-ethoxycarbonyl-1,2,3,4...	222	C11H14N2O3	027036-94-8	38





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Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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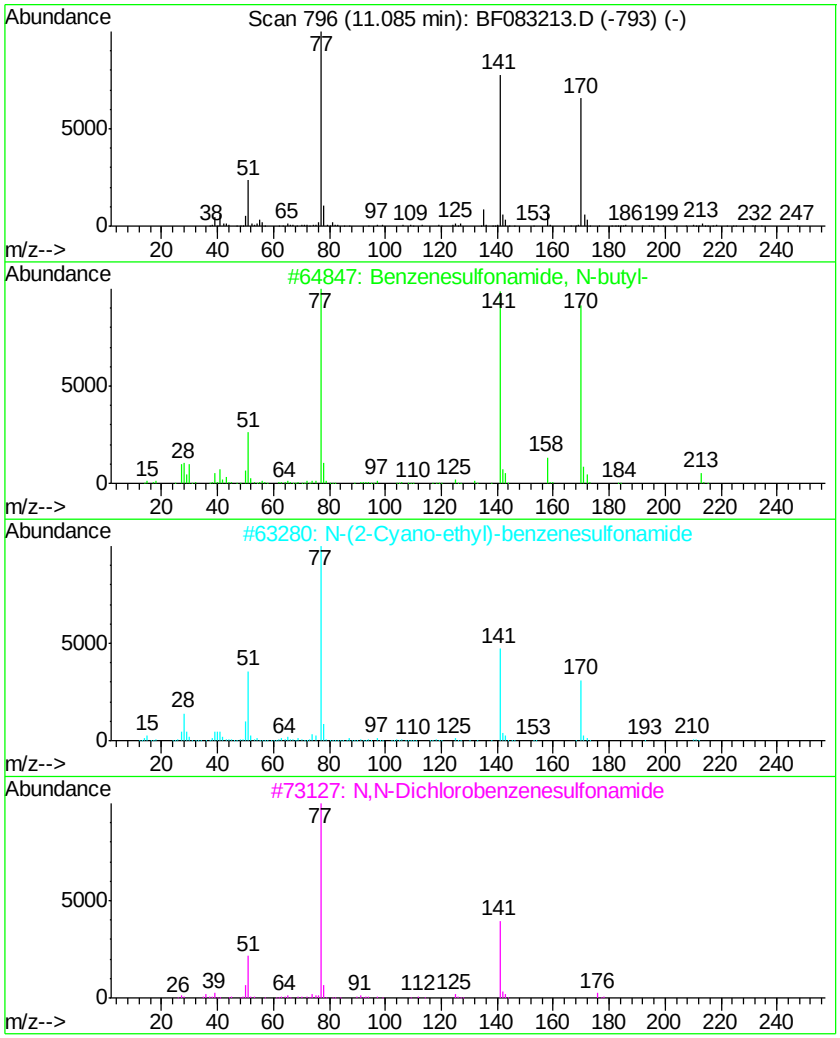
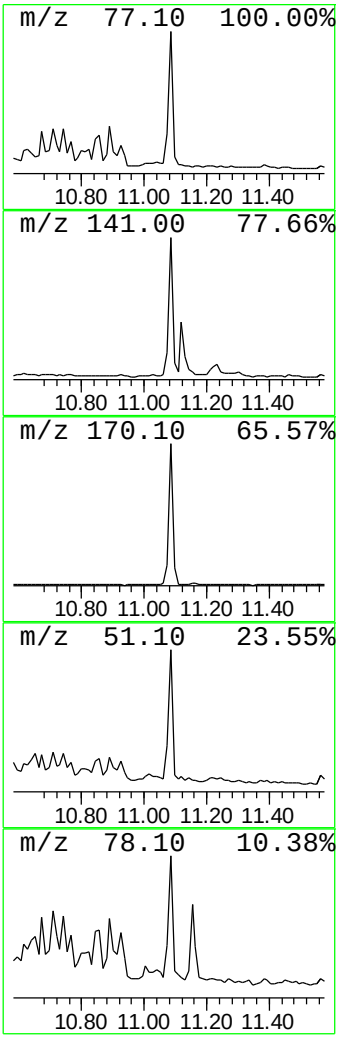
Peak Number 19 Benzenesulfonamide, N-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	22.51 ng	1630230	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	91
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	74
3	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	59
4	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	45
5	1-[Phenylsulfonyl]-1-nitropropane	229	C9H11NO4S	021272-84-4	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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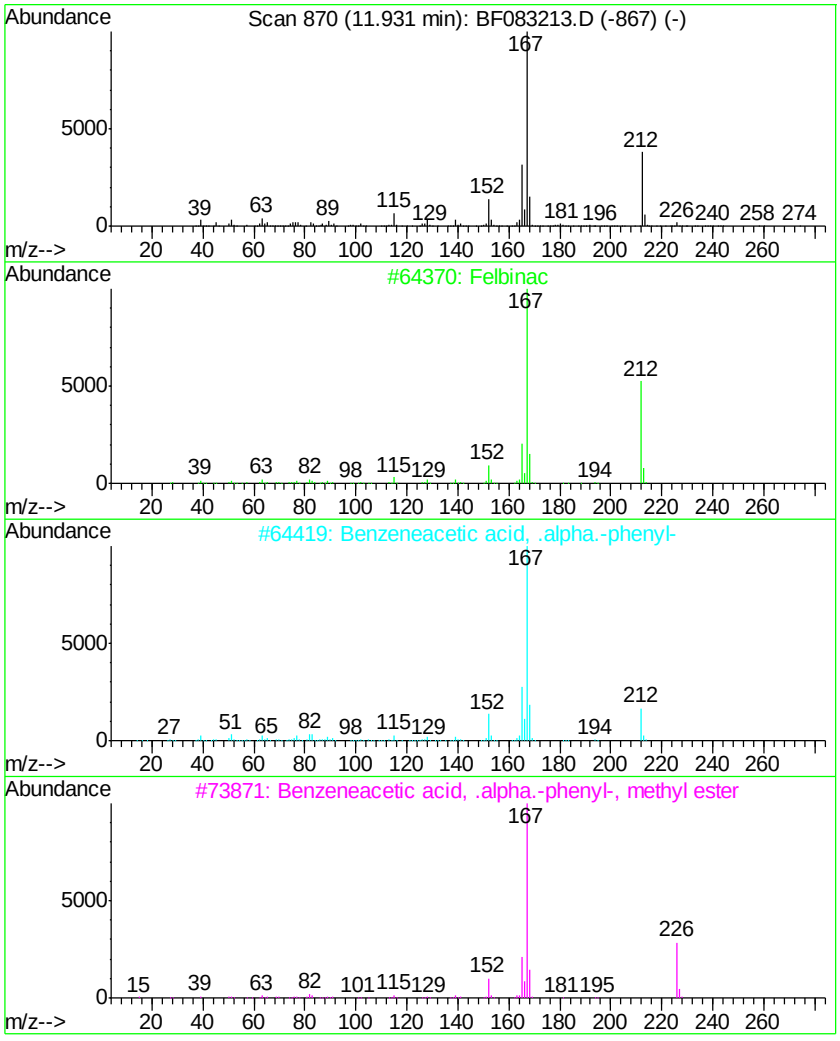
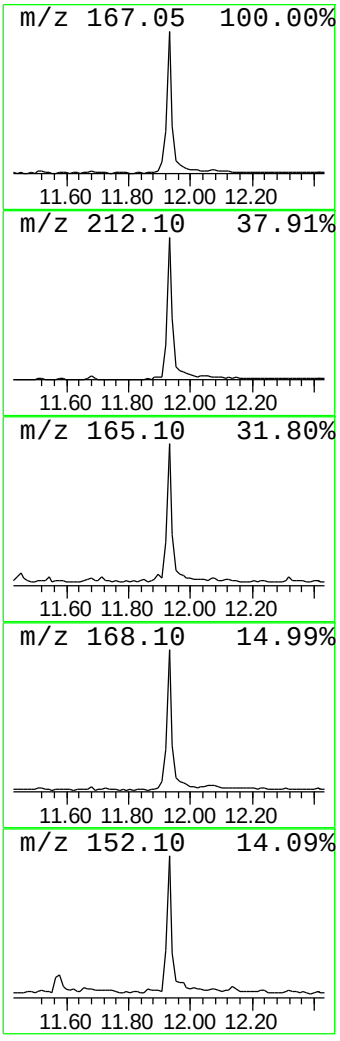
Peak Number 20 Felbinac Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	22.17 ng	1605060	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	93
2	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	91
3	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	81
4	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	74
5	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	72





Tentatively Identified Compound (LSC) summary

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Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	18.2	ng	1180800	1	6.64	1299660	20.0
unknown6.42	6.42	78.0	ng	5068130	1	6.64	1299660	20.0
Benzene, 1-methyl...	6.73	20.8	ng	1352240	1	6.64	1299660	20.0
Benzene, 1,3-diet...	6.90	31.1	ng	2022860	1	6.64	1299660	20.0
unknown7.68	7.68	22.2	ng	4328640	2	7.93	3907070	20.0
Octane, 1,1'-oxybis-	8.38	21.7	ng	4238070	2	7.93	3907070	20.0
(Benzo(b)thien-6-...	10.09	18.0	ng	2903660	3	9.68	3233080	20.0
Bicyclo[2.2.2]oct...	10.19	17.5	ng	2834490	3	9.68	3233080	20.0
unknown10.56	10.56	18.6	ng	1346820	4	11.15	1448160	20.0
unknown10.62	10.62	56.4	ng	4081030	4	11.15	1448160	20.0
Carbamic acid, N-...	10.67	53.9	ng	3903450	4	11.15	1448160	20.0
unknown10.71	10.71	67.8	ng	4911880	4	11.15	1448160	20.0
Phenol, 4-(1,1-di...	10.74	71.6	ng	5181470	4	11.15	1448160	20.0
unknown10.82	10.82	43.8	ng	3168430	4	11.15	1448160	20.0
5H-PYRROLO(3,2-D)...	10.86	49.3	ng	3572040	4	11.15	1448160	20.0
Phenol, 4-(1,1,3,...	10.89	63.0	ng	4558210	4	11.15	1448160	20.0
Acetamide, N-(3-m...	10.92	32.5	ng	2352800	4	11.15	1448160	20.0
Benzenesulfonamid...	11.08	22.5	ng	1630230	4	11.15	1448160	20.0
Felbinac	11.93	22.2	ng	1605060	4	11.15	1448160	20.0