LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

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-BF092016.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	1.655	4	6	45	rVB	1967149	5544355	52.10%	1.889%
2	3.313	145	151	155	rBV	97481	254409	2.39%	0.087%
3	3.804	189	194	200	rVV	182091	357573	3.36%	0.122%
4	3.941	202	206	210	rVB	98689	185630	1.74%	0.063%
5	4.227	229	231	233	rBV	111050	167207	1.57%	0.057%
6	4.364	241	243	247	rBV2	280446	446703	4.20%	0.152%
7	4.456	247	251	253	rBV	505066	777435	7.31%	0.265%
8	4.524	253	257	258	rBV2	487365	587708	5.52%	0.200%
9	4.547	258	259	263	rVB	318055	563591	5.30%	0.192%
10	4.764	276	278	281	rBV2	650689	1407594	13.23%	0.480%
11	4.821	281	283	287	rVB4	196184	425741	4.00%	0.145%
12	4.890	287	289	290	rBV	107049	158930	1.49%	0.054%
13	4.959	292	295	297	rBV2	339967	499465	4.69%	0.170%
14	4.993	297	298	299	rBV	207910	254795	2.39%	0.087%
15	5.027	299	301	303	rVB	1867834	2419648	22.74%	0.824%
16	5.084	303	306	309	rVB2	378476	637748	5.99%	0.217%
17	5.176	311	314	316	rBV2	740898	981678	9.22%	0.334%
18	5.221	316	318	320	rVB	1550068	1906573	17.92%	0.650%
19	5.267	320	322	327	rVB3	1307310	2121306	19.93%	0.723%
20	5.347	327	329	333	rBV2	206541	388039	3.65%	0.132%
21	5.450	333	338	341	rBV3	2119407	4058833	38.14%	1.383%
22	5.496	341	342	344	rBV	400907	805411	7.57%	0.274%
23	5.553	344	347	349	rVB2	791183	1704550	16.02%	0.581%
24	5.599	349	351	355	rVB2	2150170	4814661	45.24%	1.640%
25	5.679	355	358	359	rBV2	1566926	2822400	26.52%	0.961%
26	5.724	359	362	365	rVB4	3324530	8480079	79.68%	2.889%
27	5.781	365	367	370	rBV2	2461712	4788594	45.00%	1.631%
28	5.930	375	380	383	rBV4	2953477	7007380	65.85%	2.387%
29	5.999	383	386	389	rBV3	2668066	5829166	54.77%	1.986%
30	6.044	389	390	392	rVB	1175794	1214145	11.41%	0.414%
31	6.136	395	398	401	rBV2	2674169	4503352	42.32%	1.534%
32	6.182	401	402	404	rVB2	1354488	1614631	15.17%	0.550%
33	6.250	404	408	412	rBV3	3243702	9708739	91.23%	3.307%
34	6.307	412	413	414	rVB	473848	325060	3.05%	0.111%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.342	414	416	421	rBV4	1068363	2484169	23.34%	0.846%
36	6.456	421	426	428	rBV4	2095428	7048460	66.23%	2.401%
37	6.547	432	434	436	rVV	1945625	3443181	32.35%	1.173%
38	6.593	436	438	440	rVB2	1235633	1931299	18.15%	0.658%
39	6.650	440	443	449	rVB4	3111768	10642061	100.00%	3.625%
40	6.764	449	453	458	rBV4	2622505	7790740	73.21%	2.654%
41	6.833	458	459	461	rVB2	940390	823836	7.74%	0.281%
42	6.902	461	465	467	rBV4	3249682	7222008	67.86%	2.460%
43	7.062	475	479	481	rBV4	2506091	6521415	61.28%	2.222%
44	7.393	506	508	509	rBV	785995	1052858	9.89%	0.359%
45	7.439	509	512	517	rBV5	2432364	7000960	65.79%	2.385%
46	7.690	527	534	535	rBV3	1205553	5057088	47.52%	1.723%
47	8.285	581	586	589	rBV2	1848849	5814295	54.64%	1.981%
48	9.416	683	685	687	rBV3	991833	1938618	18.22%	0.660%
49	9.473	688	690	691	rVB	1963941	2296364	21.58%	0.782%
50	9.542	694	696	699	rBV4	1763380	3121506	29.33%	1.063%
51	9.656	703	706	708	rVB4	1624573	2581823	24.26%	0.880%
52	9.816	719	720	722	rVB2	1760334	1457797	13.70%	0.497%
53	9.862	722	724	727	rVV2	1504875	2452977	23.05%	0.836%
54	9.942	729	731	735	rVV4	1701274	3499493	32.88%	1.192%
55	10.022	736	738	741	rVB2	1492525	2397222	22.53%	0.817%
56	10.205	751	754	759	rVB2	2523817	4763668	44.76%	1.623%
57	10.308	761	763	765	rVB2	1278529	1350340	12.69%	0.460%
58	10.468	772	777	779	rBV2	2533131	5312772	49.92%	1.810%
59	10.605	787	789	790	rVB2	777566	922345	8.67%	0.314%
60	10.639	790	792	793	rVV2	447172	442833	4.16%	0.151%
61	10.673	793	795	799	rVB4	742591	1088575	10.23%	0.371%
62	10.776	799	804	806	rBV3	1490044	2630783	24.72%	0.896%
63	10.833	808	809	814	rVB3	1311827	2110241	19.83%	0.719%
64	10.925	814	817	820	rBV3	2067353	3934554	36.97%	1.340%
65	10.982	820	822	824	rVV3	646284	954987	8.97%	0.325%
66	11.028	824	826	829	rVV2	737270	1162922	10.93%	0.396%
67	11.085	829	831	833	rVV2	1202607	1339069	12.58%	0.456%
68	11.131	833	835	837	rVV3	726683	1540510	14.48%	0.525%
69	11.165	837	838	841	rVV3	1159220	1249731	11.74%	0.426%
70	11.222	841	843	845	rVV2	1417192	3114065	29.26%	1.061%
71	11.268	845	847	848	rVV	2578478	3531025	33.18%	1.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
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Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.302	848	850	851	rVV	2022406	2904306	27.29%	0.989%
73	11.336	851	853	855	rVV2	1706562	3330038	31.29%	1.134%
74	11.393	856	858	860	rVV2	2348014	4226856	39.72%	1.440%
75	11.496	864	867	869	rVV2	3561429	6435250	60.47%	2.192%
76	11.553	871	872	874	rVV	3133369	5236511	49.21%	1.784%
77	11.599	874	876	877	rVV	3065431	4970987	46.71%	1.693%
78	11.634	877	879	882	rVV2	3183743	7023446	66.00%	2.393%
79	11.714	882	886	888	rVV	3797159	10067489	94.60%	3.430%
80	11.759	888	890	891	rVV2	2402733	4190882	39.38%	1.428%
81	11.805	891	894	896	rVV	4101487	9008396	84.65%	3.069%
82	11.862	896	899	901	rVV3	2303097	5362868	50.39%	1.827%
83	11.942	903	906	910	rVV3	2633715	4903986	46.08%	1.671%
84	12.034	910	914	916	rVV	3590744	6818403	64.07%	2.323%
85	12.068	916	917	919	rVV2	1185317	1715358	16.12%	0.584%
86	12.114	919	921	924	rVB2	1330820	1670779	15.70%	0.569%
87	12.251	929	933	934	rBV2	3498554	4842013	45.50%	1.650%
88	12.285	934	936	939	rVB3	478987	801463	7.53%	0.273%
89	12.376	940	944	946	rVB2	1339455	2018966	18.97%	0.688%
90	12.525	955	957	959	rBV	1343744	1678484	15.77%	0.572%
91	12.559	959	960	966	rVB	1991528	2195439	20.63%	0.748%
92	12.696	969	972	974	rVB	736859	1162783	10.93%	0.396%
93	12.731	974	975	978	rVB3	261427	344945	3.24%	0.118%
94	12.822	980	983	985	rBV3	115416	255454	2.40%	0.087%
95	12.971	994	996	997	rVV	279800	250866	2.36%	0.085%
96	13.016	997	1000	1002	rVB3	297411	374703	3.52%	0.128%
97	13.302	1022	1025	1028	rVB	236426	396279	3.72%	0.135%
98	13.474	1037	1040	1043	rVB	139492	185528	1.74%	0.063%
99	13.577	1047	1049	1051	rBV	623961	749087	7.04%	0.255%
100	14.902	1163	1165	1167	rBV	583157	631393	5.93%	0.215%

Sum of corrected areas: 293542677

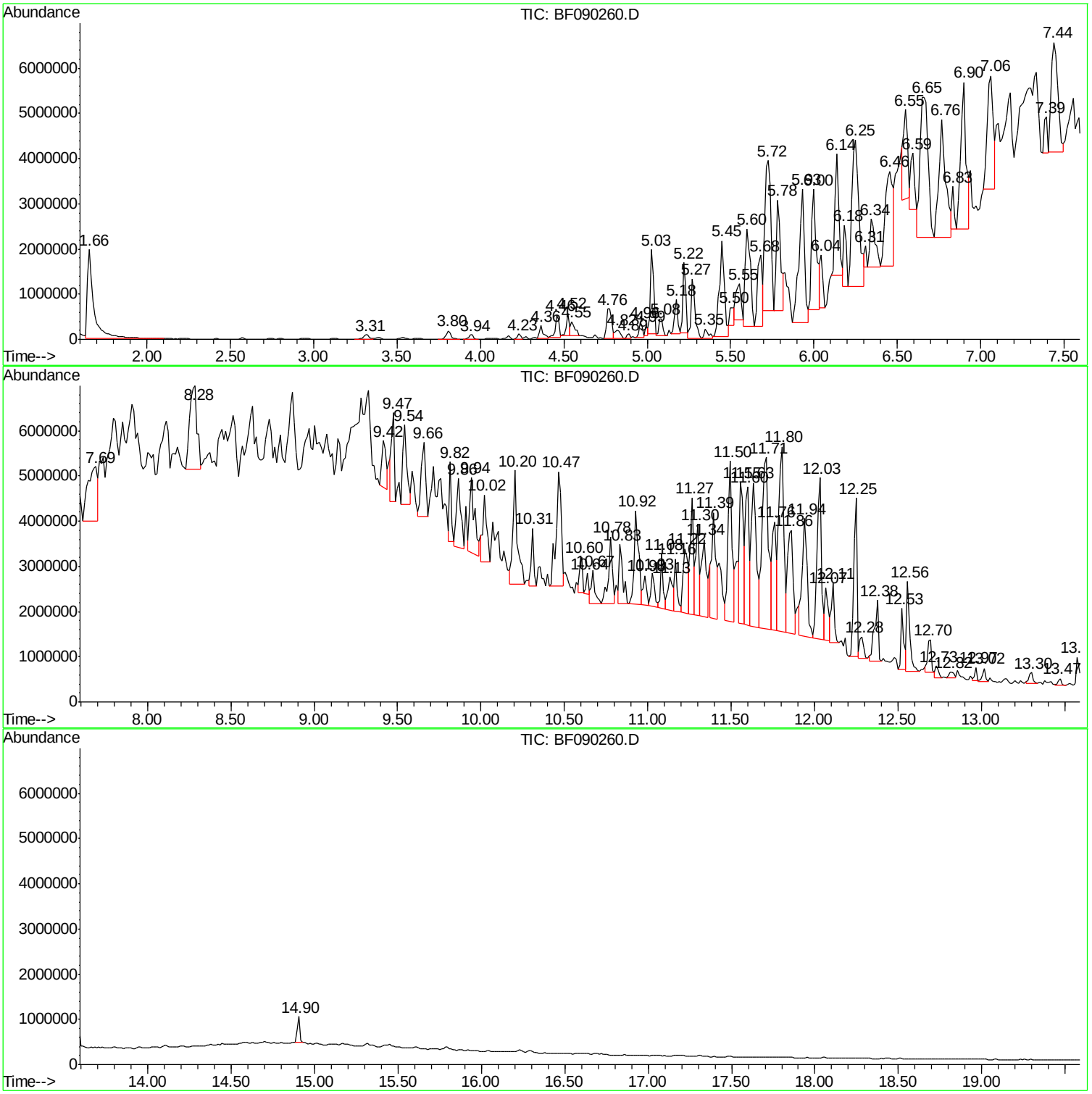
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

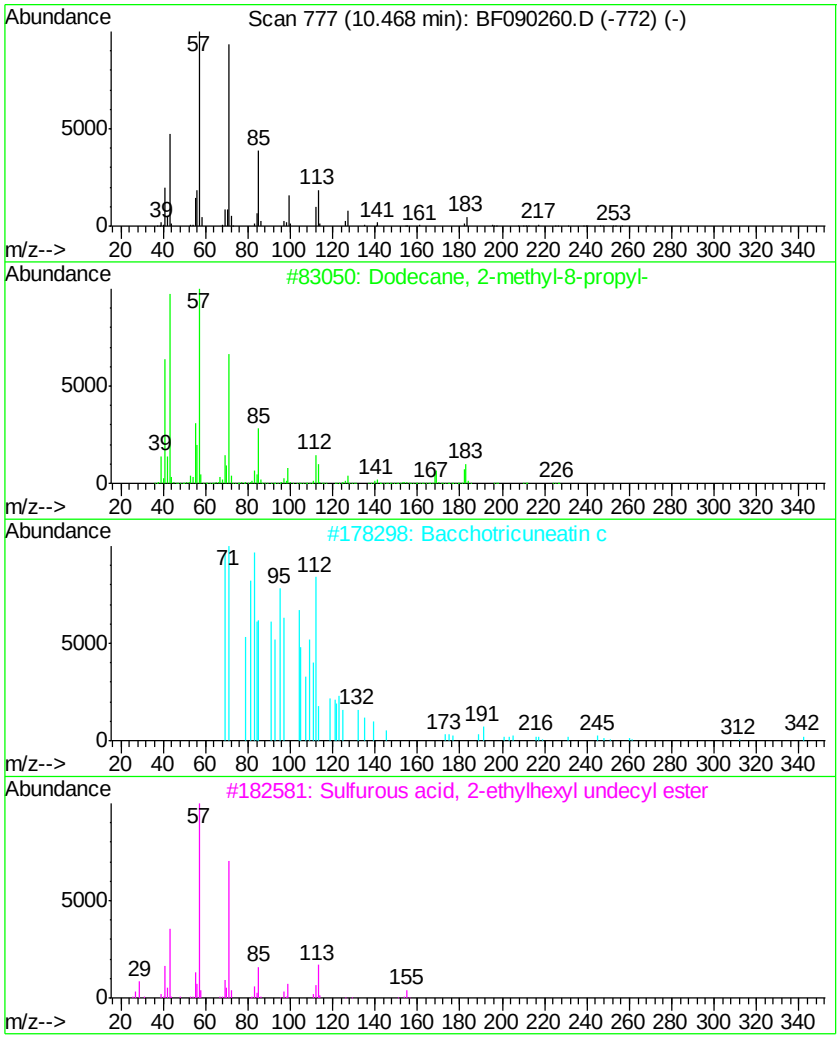
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

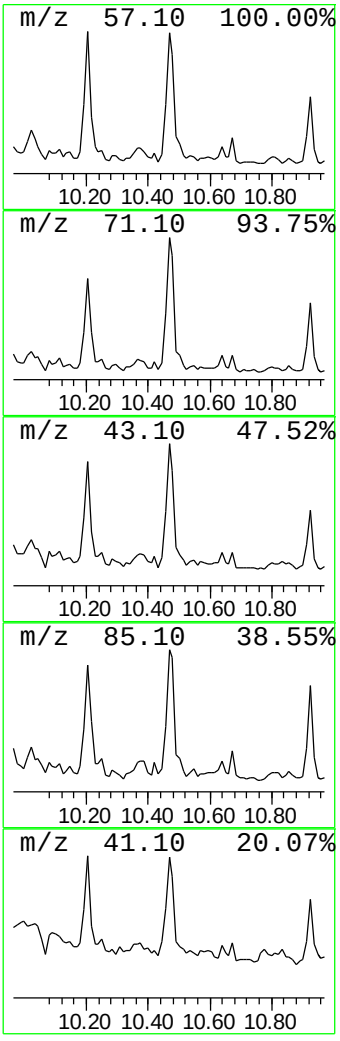
****

Peak Number 1 Dodecane, 2-methyl-8-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	111.26 ng	5312770	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

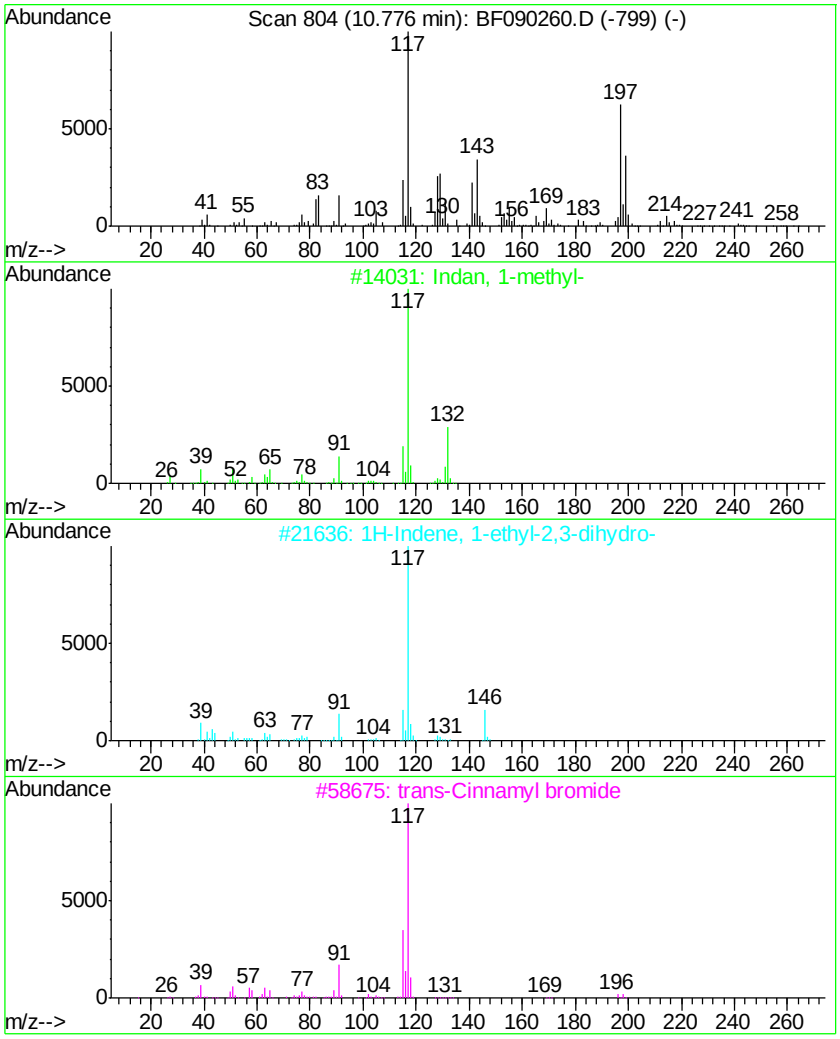
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

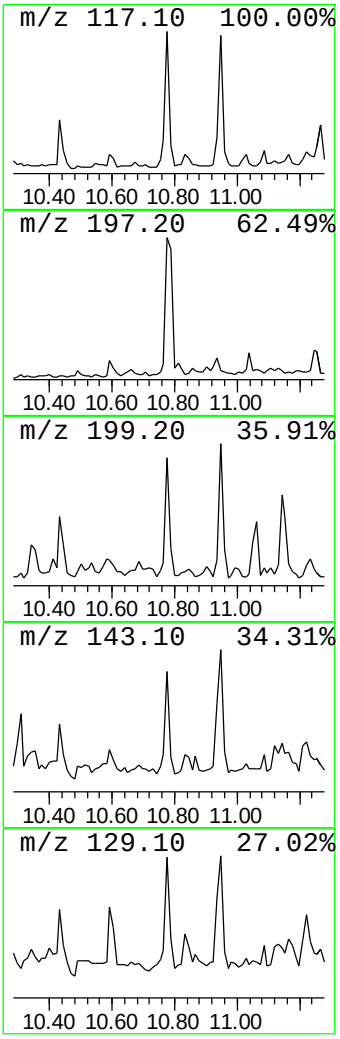
****

Peak Number 2 unknown10.78 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	55.10 ng	2630780	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	22
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	22
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	22
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	18
5	Quinoline, 4,7-dichloro-	197	C9H5Cl2N	000086-98-6	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

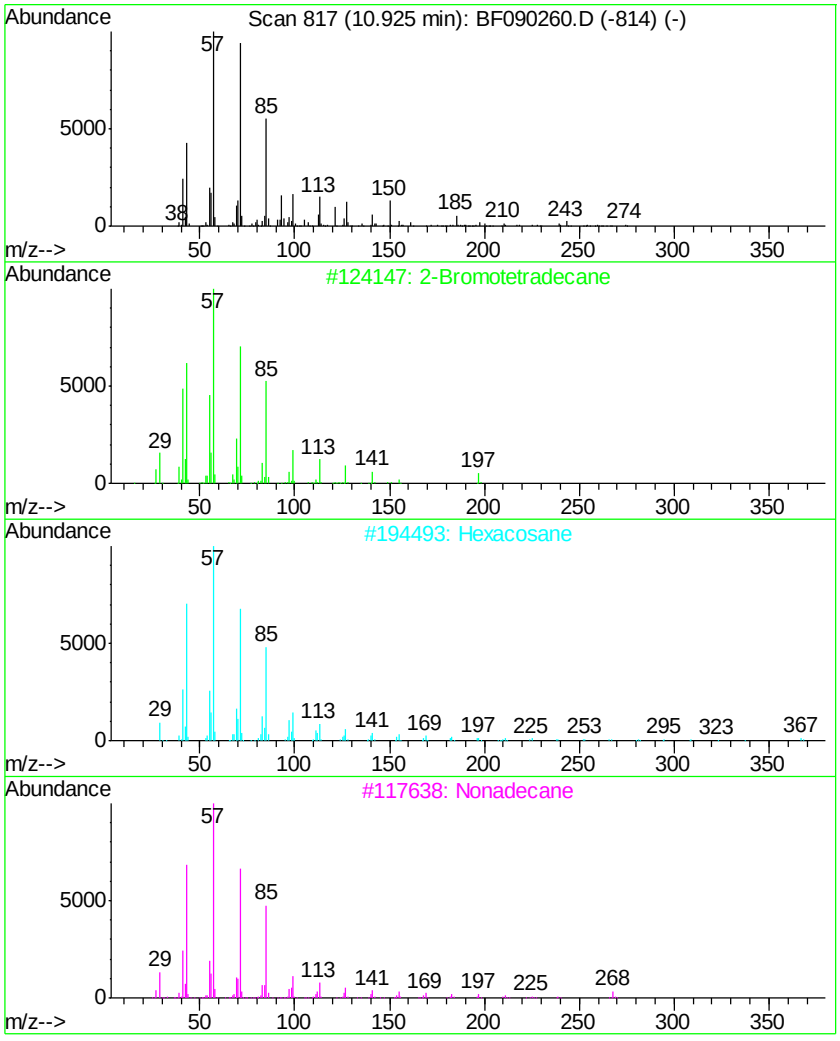
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

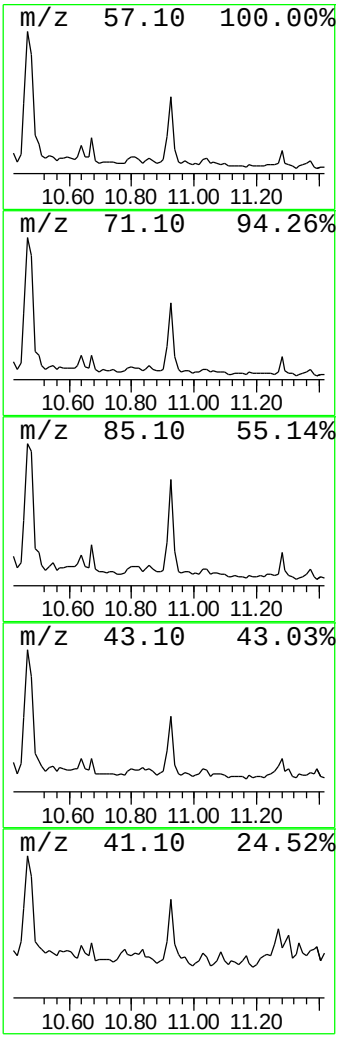
****

Peak Number 3 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	82.40 ng	3934550	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
2	Hexacosane	366	C26H54	000630-01-3	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	62
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

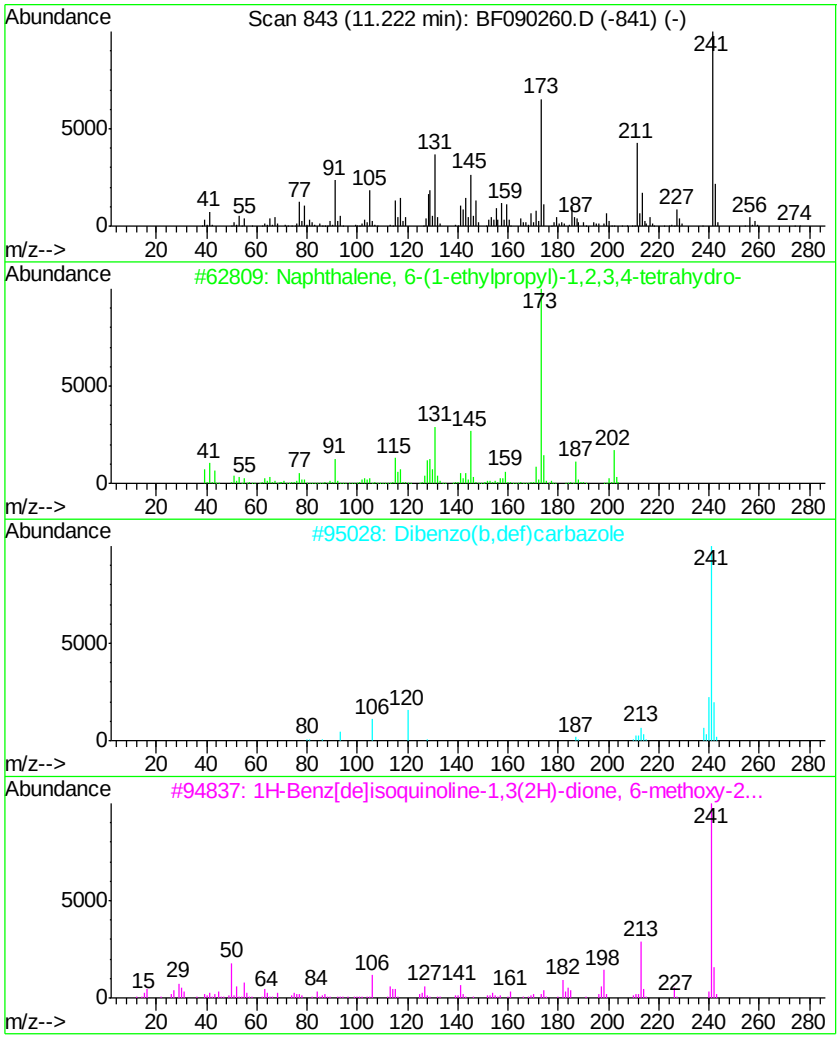
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

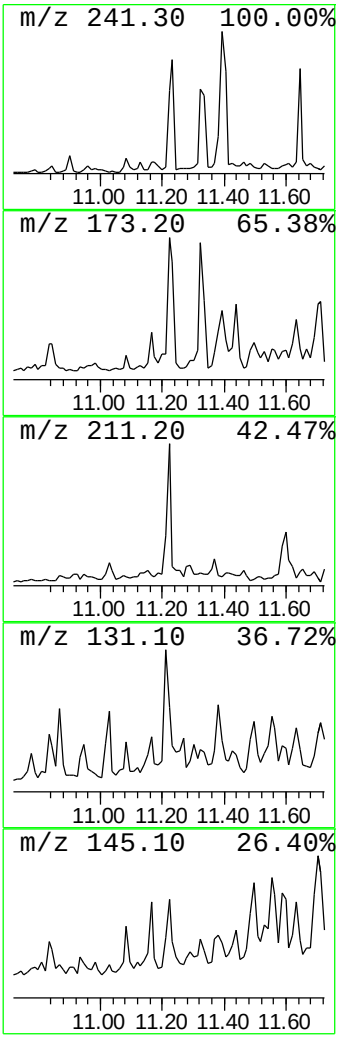
****

Peak Number 4 unknown11.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	65.22 ng	3114070	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-(1-ethylpropyl)-1...	202	C15H22	054889-56-4	43
2	Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	35
3	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	003271-05-4	35
4	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	30
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

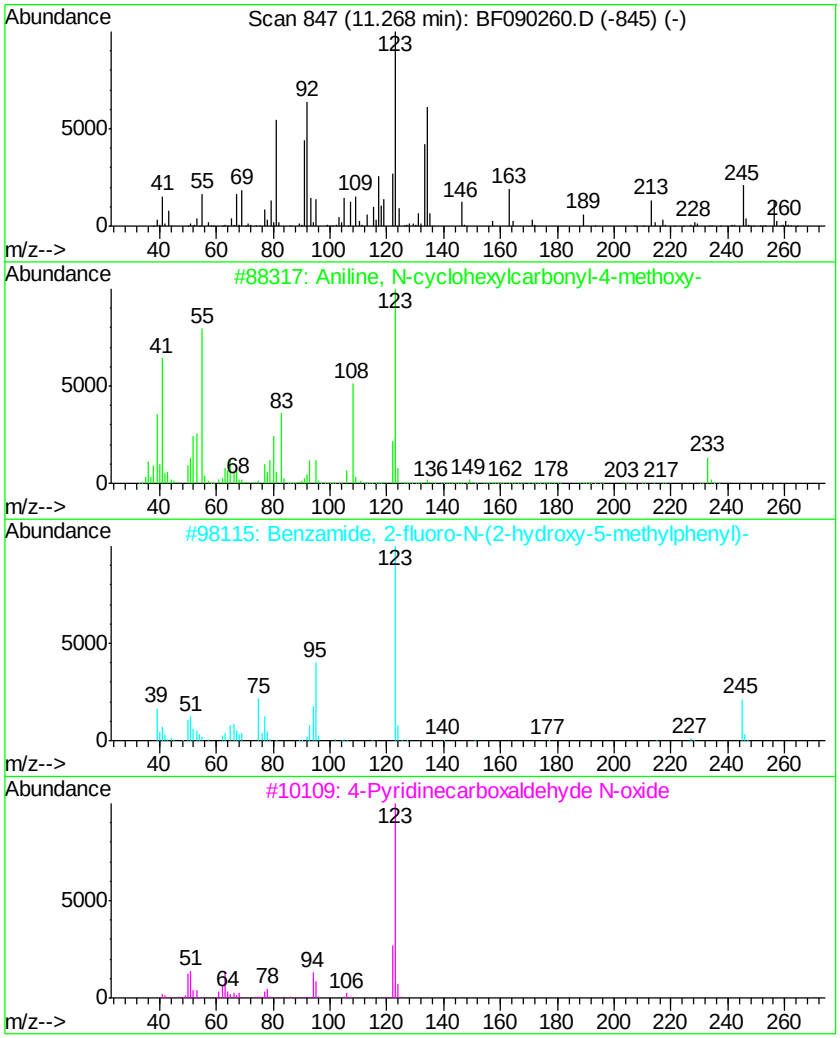
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

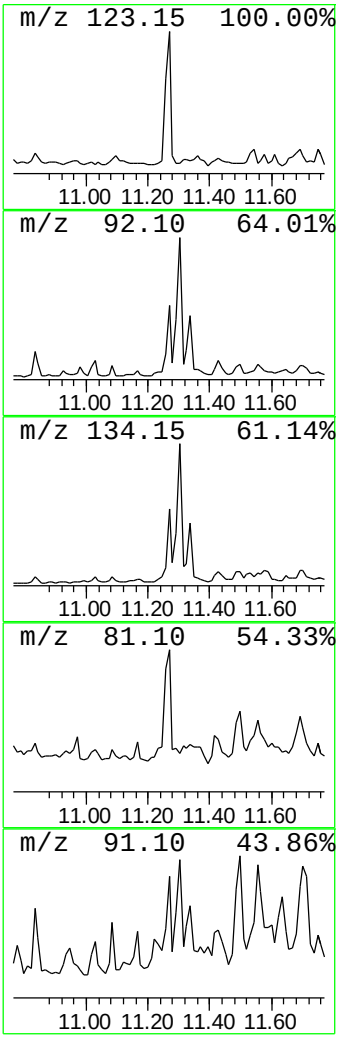
****

Peak Number 5 unknown11.27 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	73.95 ng	3531030	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, N-cyclohexylcarbonyl-4-...	233	C14H19NO2	315712-26-6	22
2	Benzamide, 2-fluoro-N-(2-hydroxy...	245	C14H12FNO2	1000362-77-9	22
3	4-Pyridinecarboxaldehyde N-oxide	123	C6H5NO2	007216-42-4	14
4	Phenol, 4-amino-2-methyl-	123	C7H9NO	002835-96-3	14
5	Cyclopropanecarboxylic acid, 2,2...	328	C21H28O3	000121-21-1	14





Library Search Compound Report

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Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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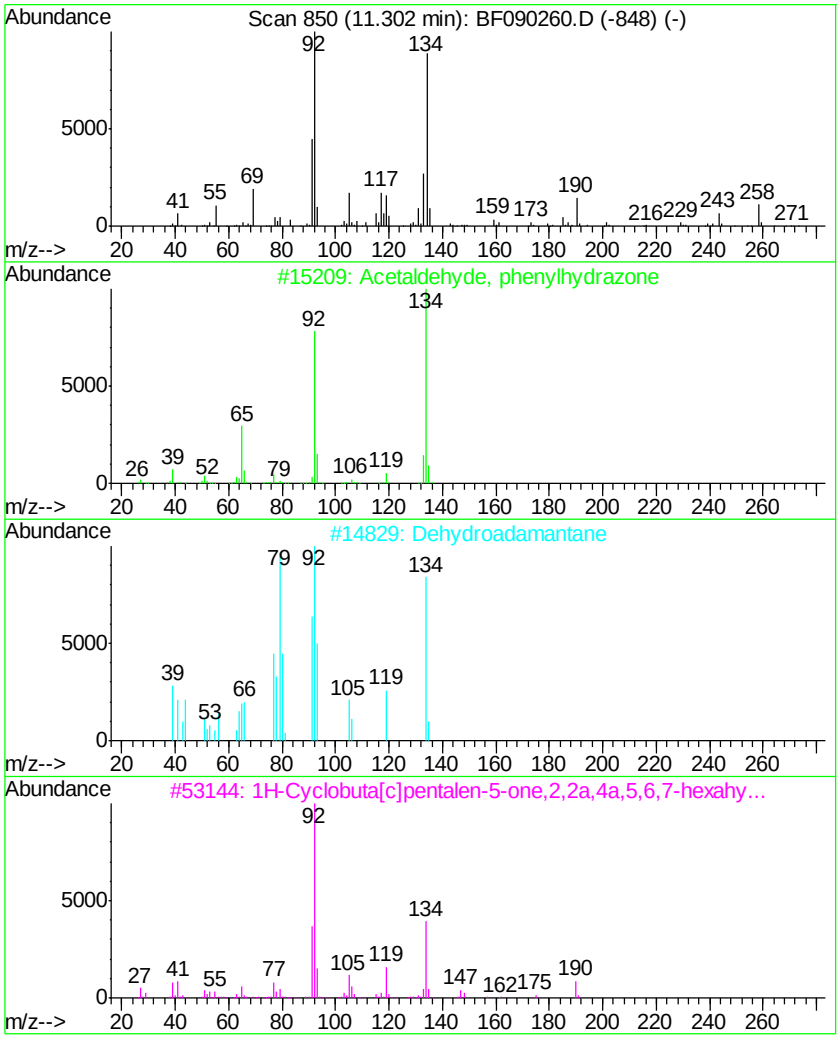
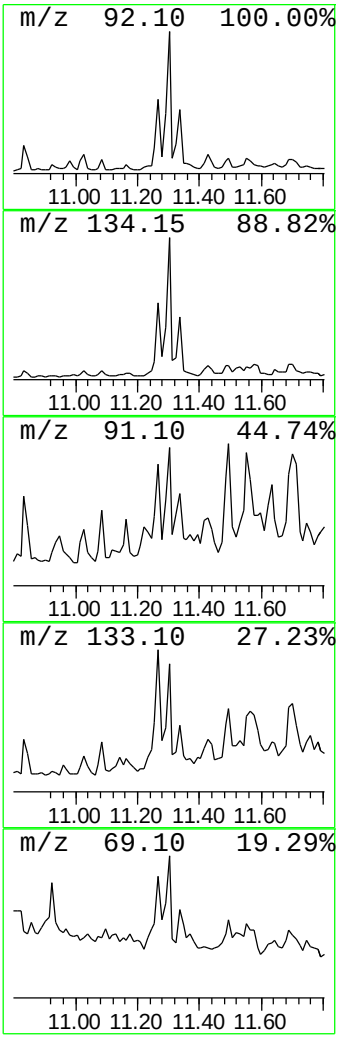
Peak Number 6 Acetaldehyde, phenylhydrazone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	60.82 ng	2904310	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	59
2	Dehydroadamantane	134	C10H14	039257-33-5	53
3	1H-Cyclobuta[c]pentalen-5-one,2,...	190	C13H18O	081532-22-1	47
4	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	43
5	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	43





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Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : B4B-7.5-8-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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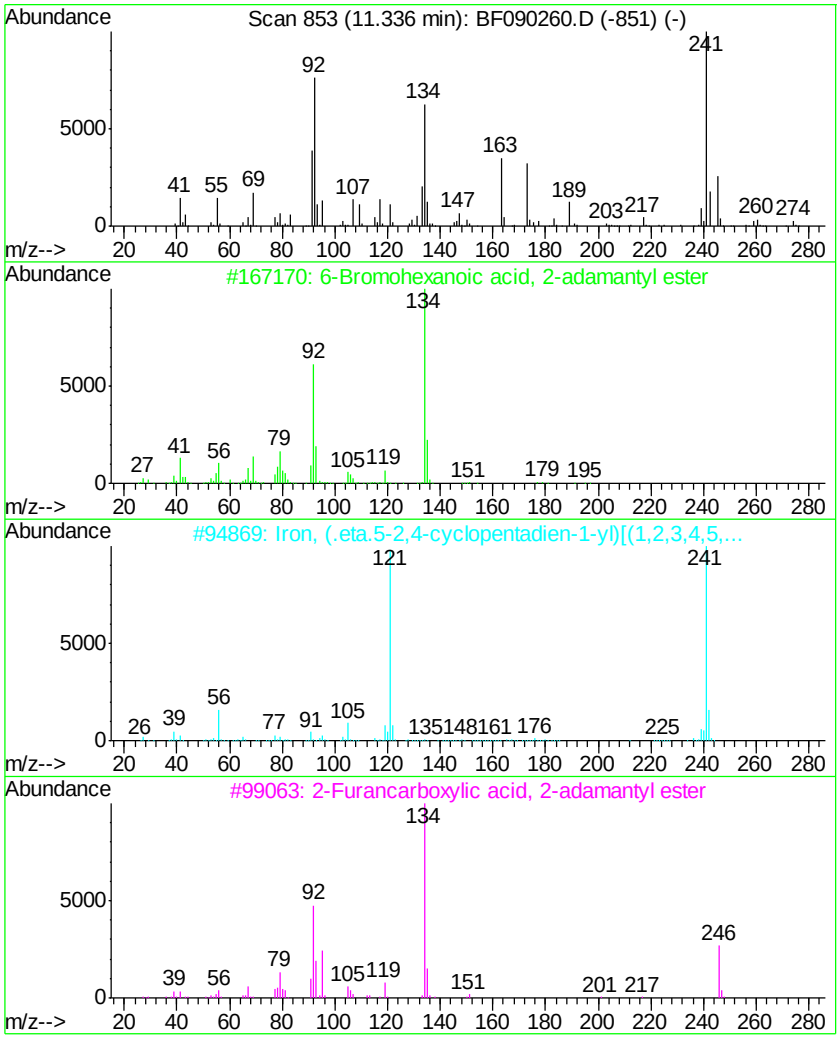
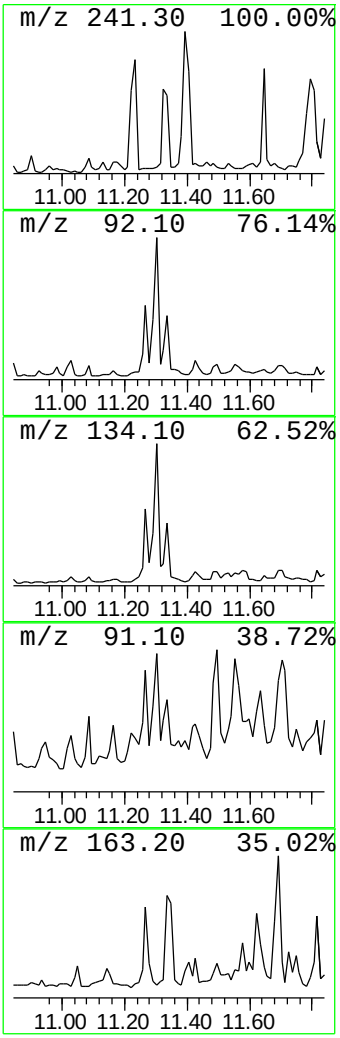
Peak Number 7 unknown11.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	69.74 ng	3330040	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 2-adamantv...	328	C16H25BrO2	1000282-90-1	16
2	Iron, (.eta.5-2,4-cyclopentadien...	241	C14H17Fe	051812-08-9	14
3	2-Furancarboxylic acid, 2-adaman...	246	C15H18O3	1000282-76-1	12
4	1H-Purin-6-amine, N,N-dimethyl-	163	C7H9N5	000938-55-6	11
5	Benzeneethanol, .alpha.,.alpha.-...	150	C10H14O	000100-86-7	10





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Sample : H4933-05
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Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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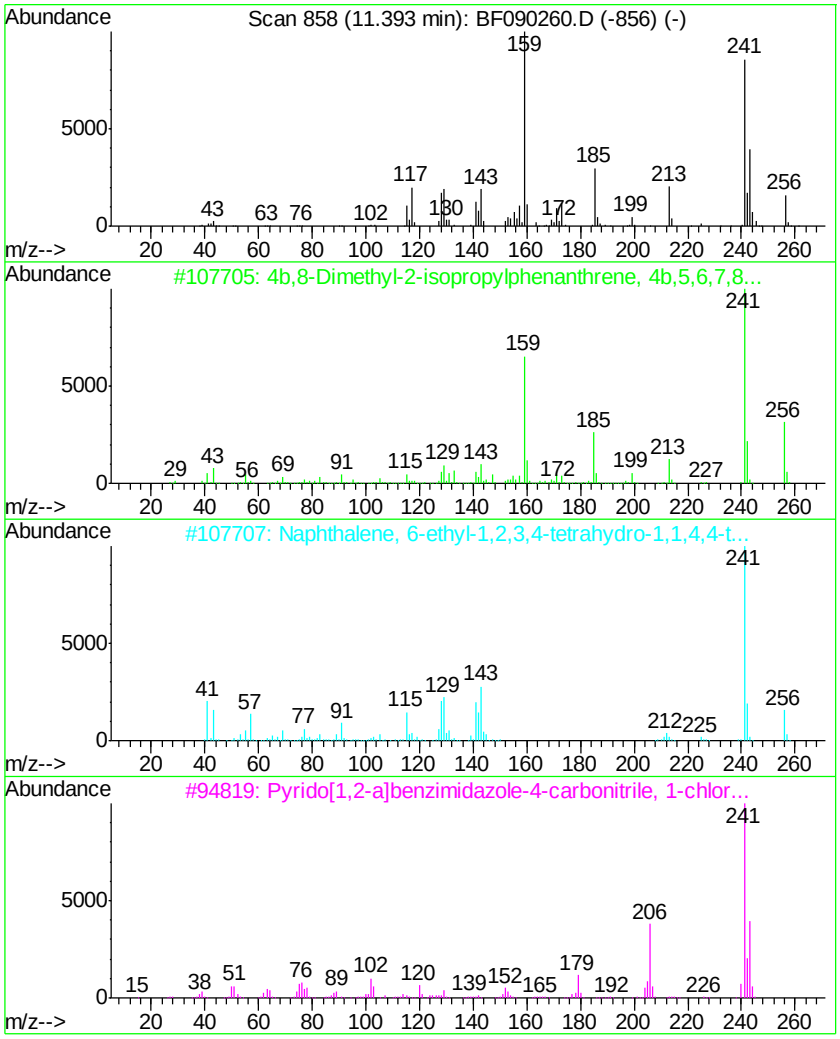
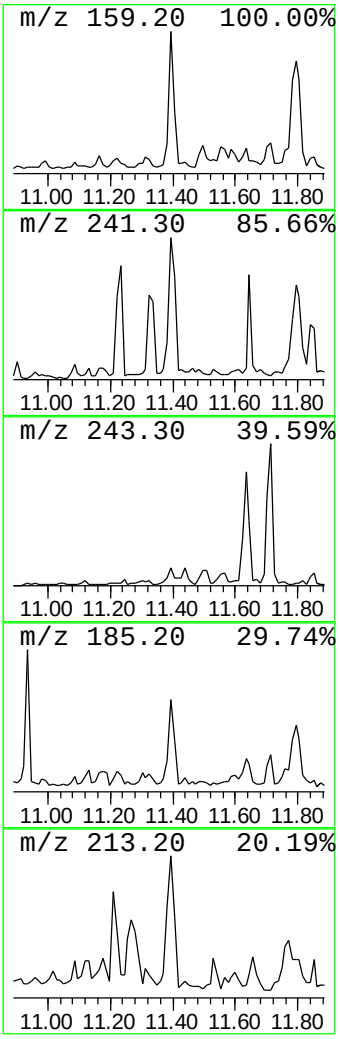
Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	88.52 ng	4226860	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	58
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
3	Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8ClN3	121105-78-0	35
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	27





Library Search Compound Report

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Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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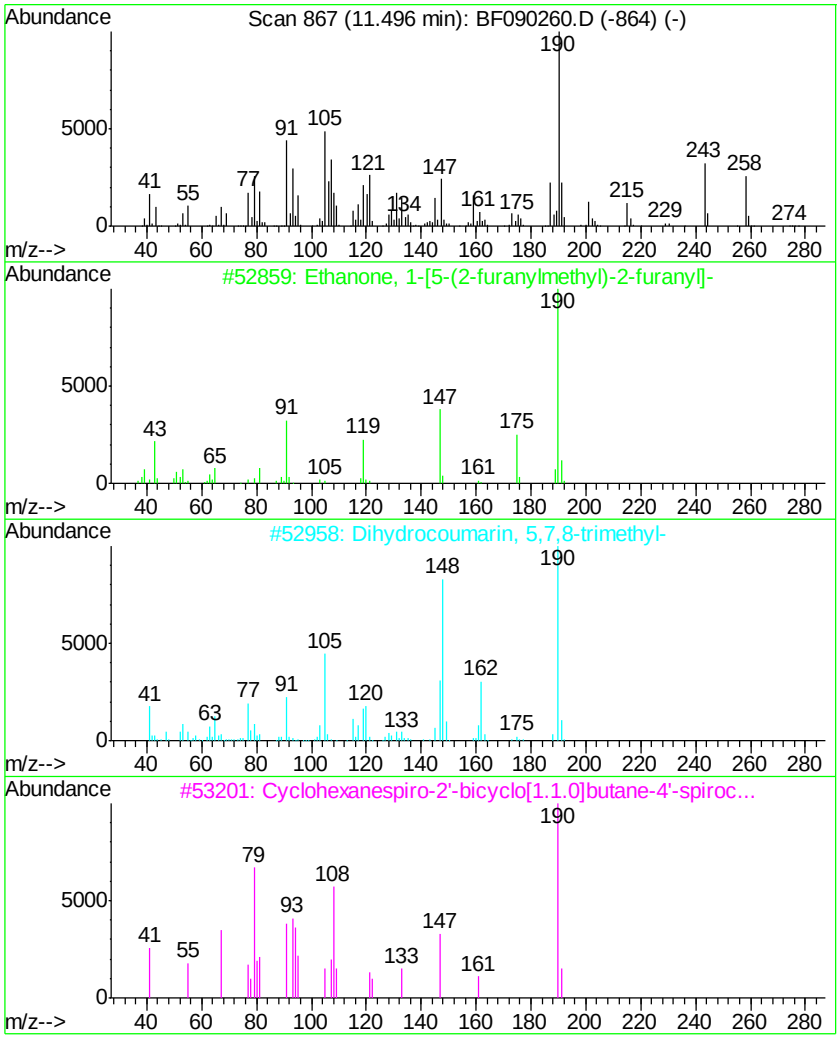
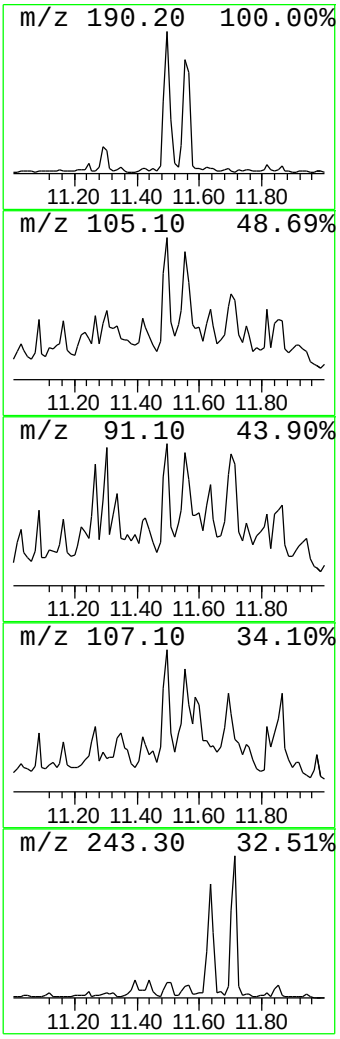
Peak Number 9 unknown11.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	134.77 ng	6435250	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	43
2	Dihydrocoumarin, 5,7,8-trimethyl-	190	C12H14O2	040614-33-3	41
3	Cyclohexanespiro-2'-bicyclo[1.1....	190	C14H22	107924-94-7	35
4	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	35
5	2-Cyano-6-methoxybenzothiazole	190	C9H6N2OS	000943-03-3	35





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : B4B-7.5-8-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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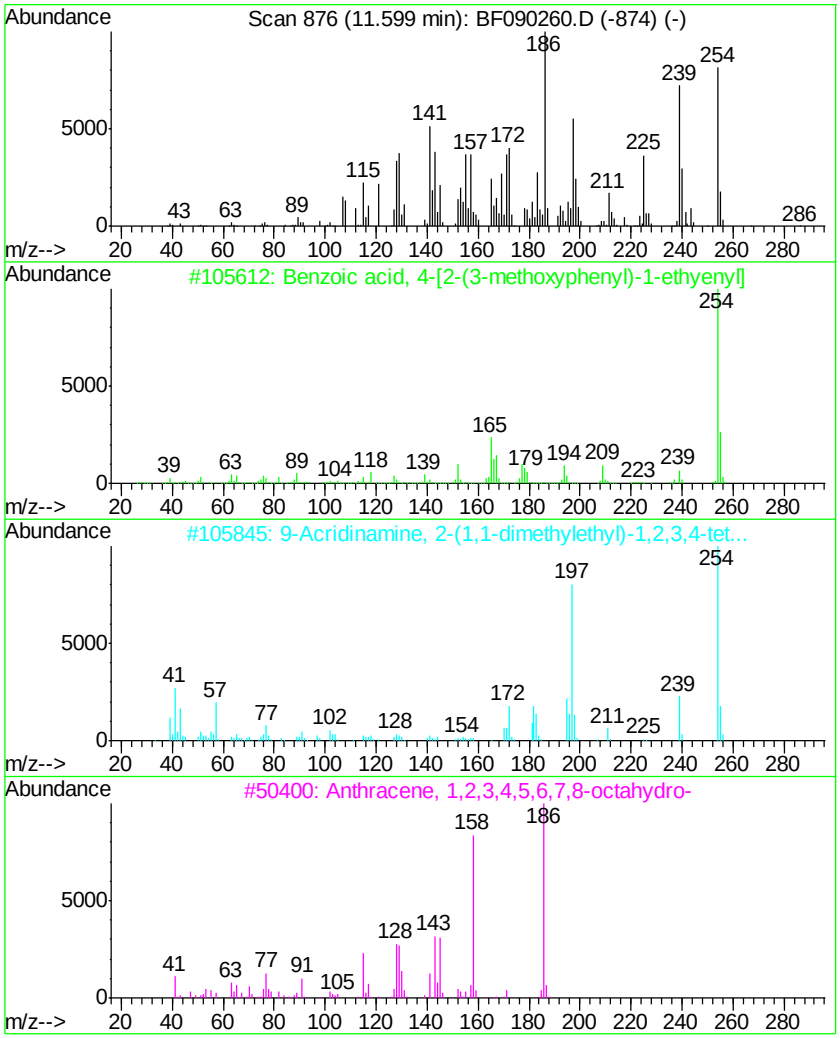
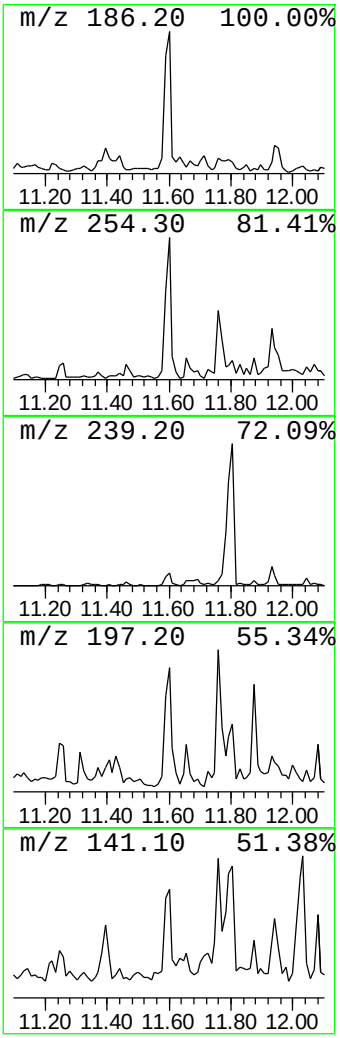
Peak Number 11 unknown11.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	104.11 ng	4970990	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-[2-(3-methoxyphe...	254	C16H14O3	1000197-90-6	25
2	9-Acridinamine, 2-(1,1-dimethyle...	254	C17H22N2	1000318-93-9	25
3	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	20
4	Trimethylsilyl ((4-methyl-4H-1,2...	245	C8H15N3O2SSi	1000297-95-6	15
5	3,5-Dihydroxybiphenyl	186	C12H10O2	007028-41-3	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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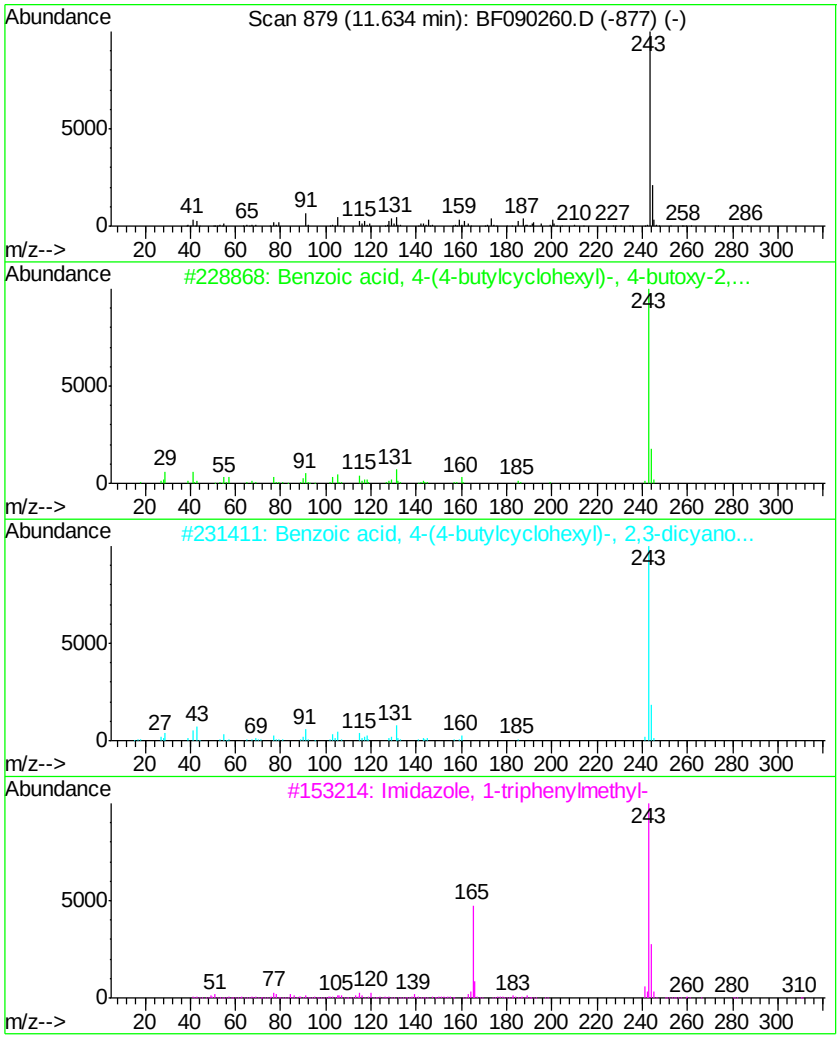
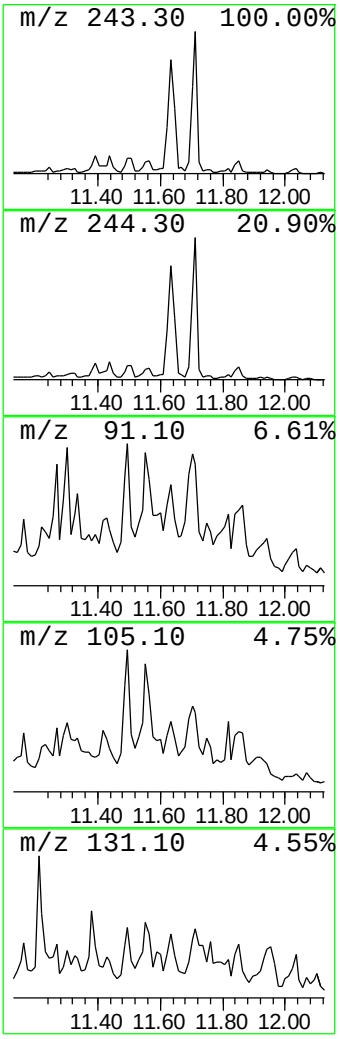
Peak Number 12 Benzoic acid, 4-(4-butylcyc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	147.09 ng	7023450	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(4-butylcyclohex...	458	C29H34N2O3	075941-90-1	64
2	Benzoic acid, 4-(4-butylcyclohex...	472	C30H36N2O3	075941-91-2	50
3	Imidazole, 1-triphenylmethyl-	310	C22H18N2	015469-97-3	45
4	Imidazole, 2-iodo-1-triphenylmet...	436	C22H17IN2	067478-46-0	45
5	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	45





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ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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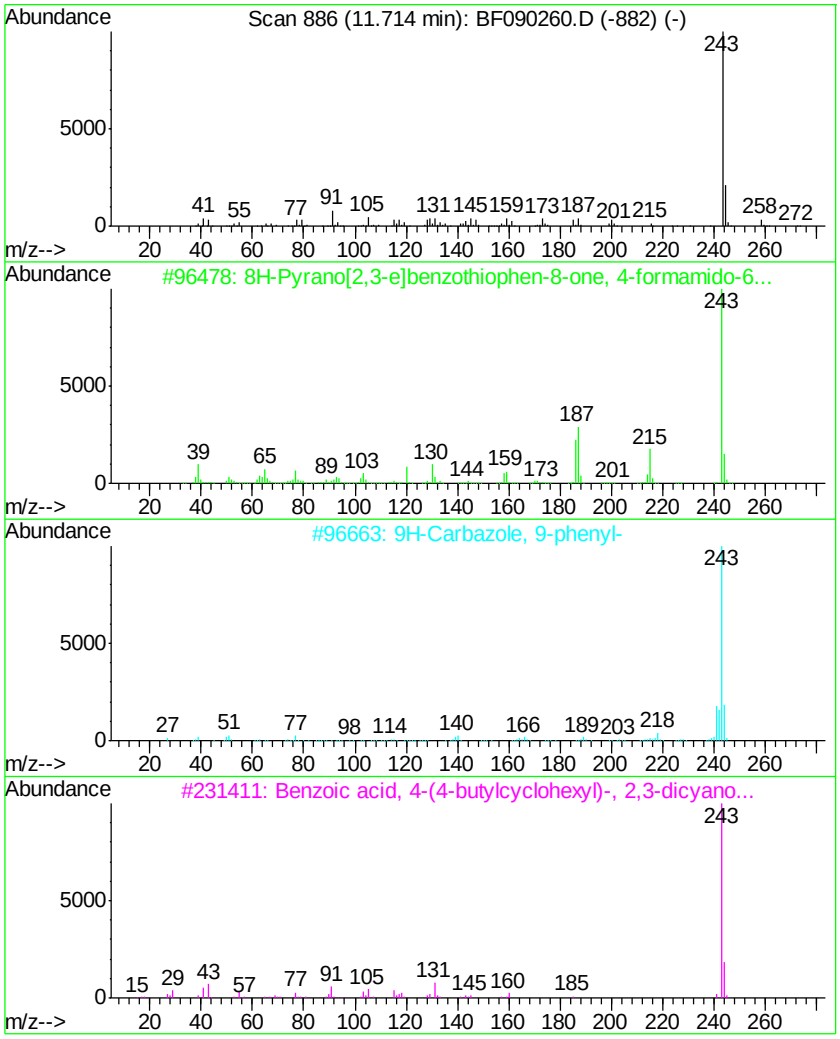
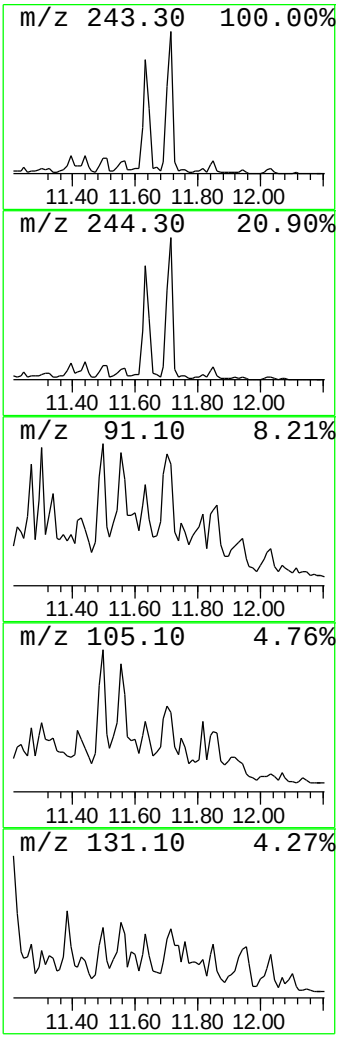
Peak Number 13 8H-Pyrano[2,3-e]benzothioph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	210.84 ng	10067500	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Pyrano[2,3-e]benzothiophen-8-...	243	C13H9NO4	1000266-82-1	64
2	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	59
3	Benzoic acid, 4-(4-butylcyclohex...	472	C30H36N2O3	075941-91-2	59
4	Benzoic acid, 4-(4-butylcyclohex...	458	C29H34N2O3	075941-90-1	53
5	Benzoic acid, 4-(4-butylcyclohex...	430	C27H30N2O3	086377-40-4	50





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Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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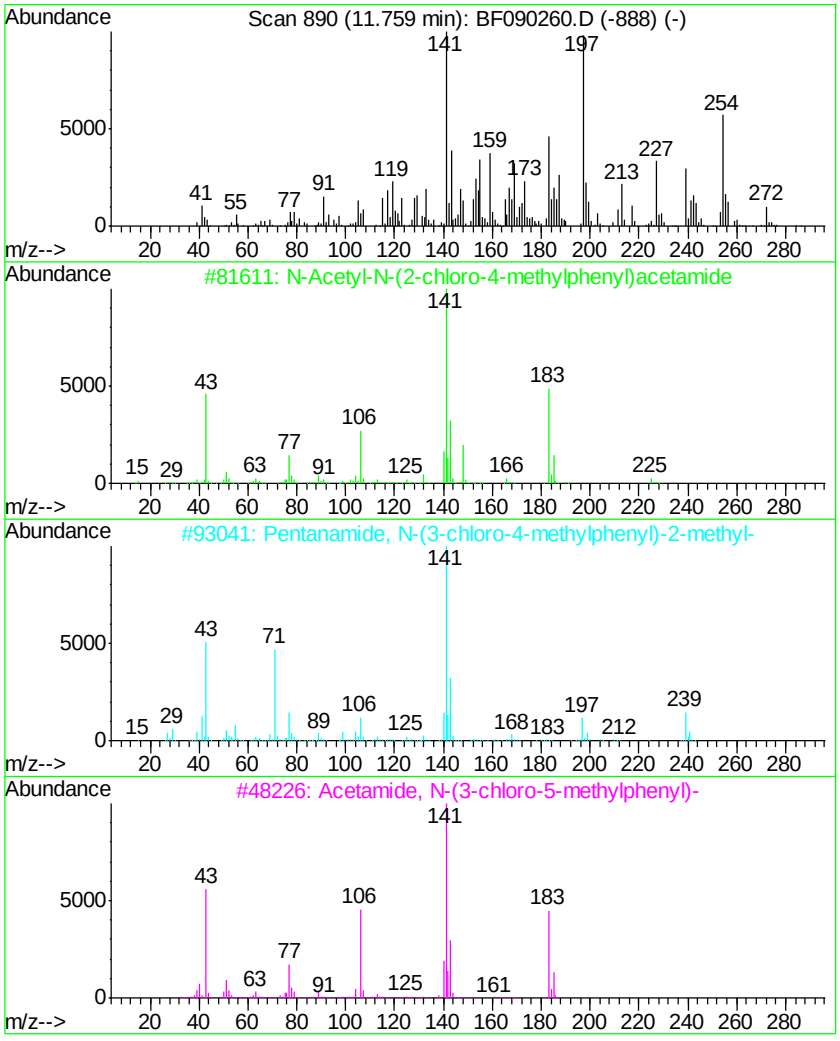
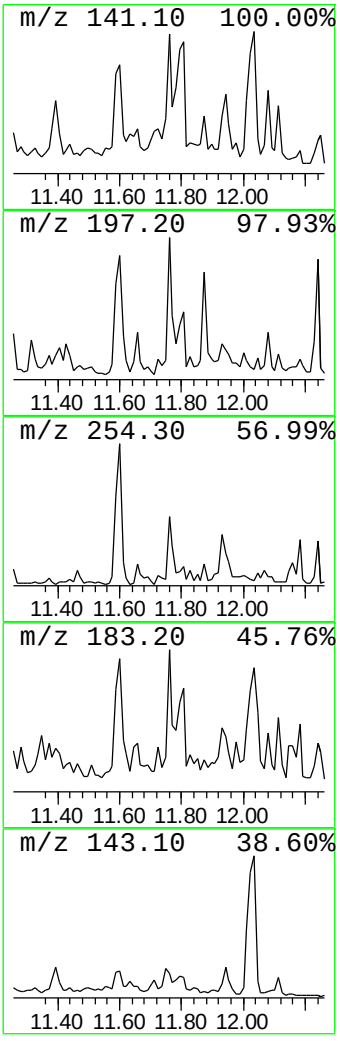
Peak Number 14 unknown11.76 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	87.77 ng	4190880	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Acetyl-N-(2-chloro-4-methylphe...	225	C11H12ClNO2	1000373-20-3	30
2	Pentanamide, N-(3-chloro-4-methy...	239	C13H18ClNO	002307-68-8	27
3	Acetamide, N-(3-chloro-5-methylp...	183	C9H10ClNO	056978-43-9	27
4	2,6-Diisopropylnaphthalene	212	C16H20	024157-81-1	18
5	2-Chloro-5-fluoro-4-piperazin-1-...	239	C11H11ClFN3	1000301-04-9	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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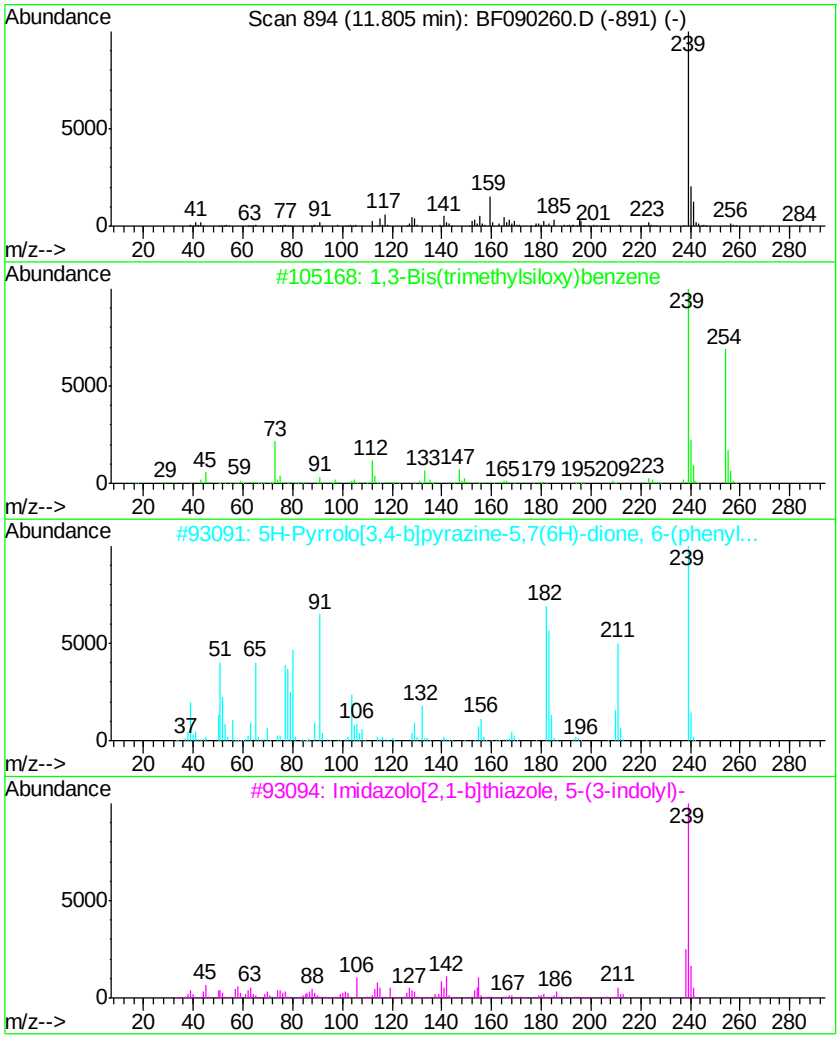
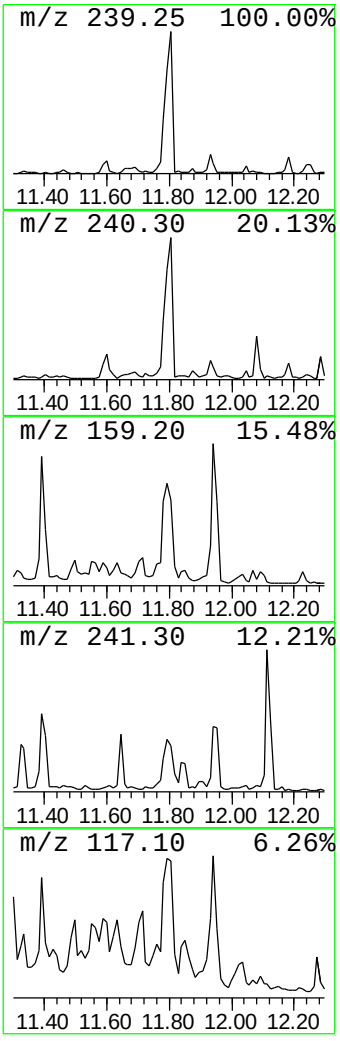
Peak Number 15 1,3-Bis(trimethylsiloxy)ben... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	188.66 ng	9008400	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(trimethylsiloxy)benzene	254	C12H22O2Si2	004520-29-0	50
2	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	47
3	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	45
4	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	42
5	5-Amino-4-nitrozo-2-phenyl(2H)be...	239	C12H9N5O	166766-11-6	40





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ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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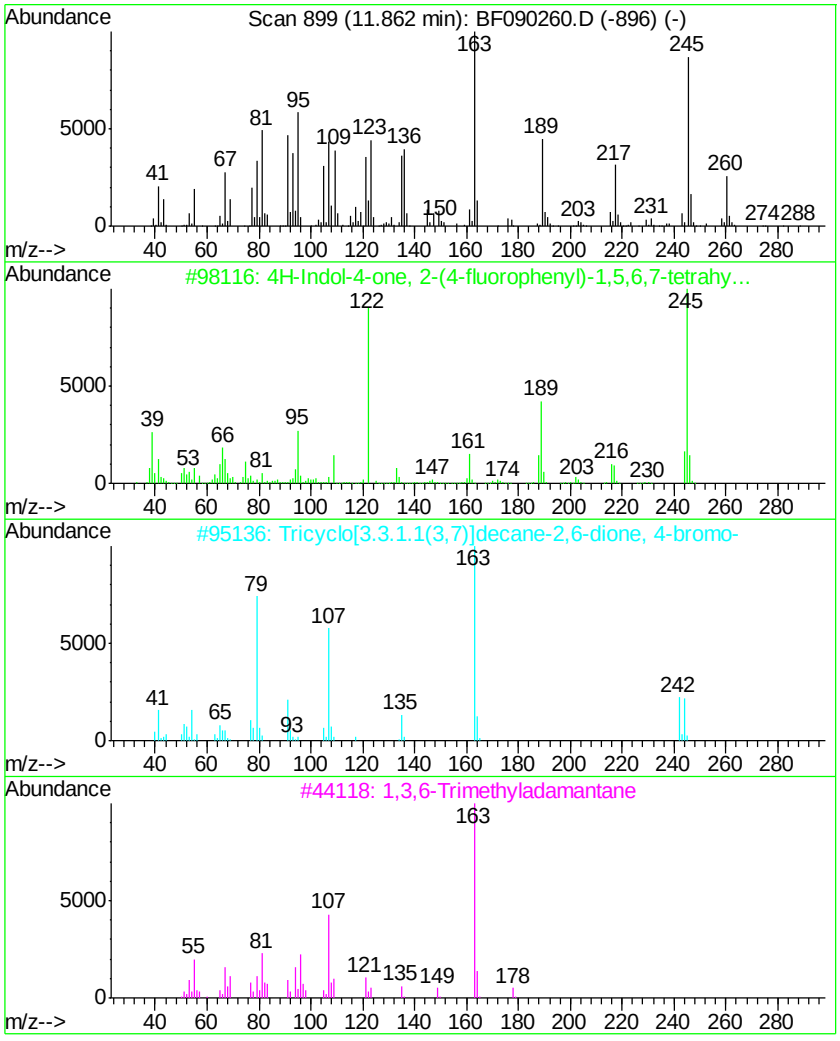
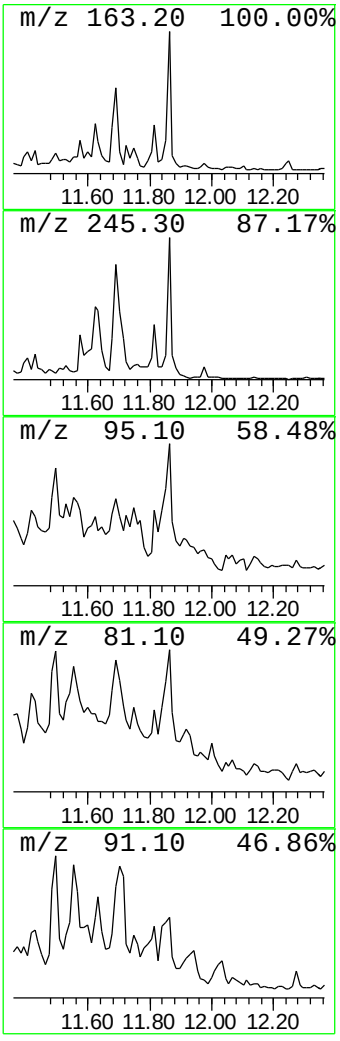
Peak Number 16 unknown11.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	112.31 ng	5362870	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Indol-4-one, 2-(4-fluorophenv...	245	C14H12FNO2	1000337-74-5	25
2	Tricyclo[3.3.1.1(3,7)]decane-2,6...	242	C10H11BrO2	019305-94-3	14
3	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	14
4	10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	14
5	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	14





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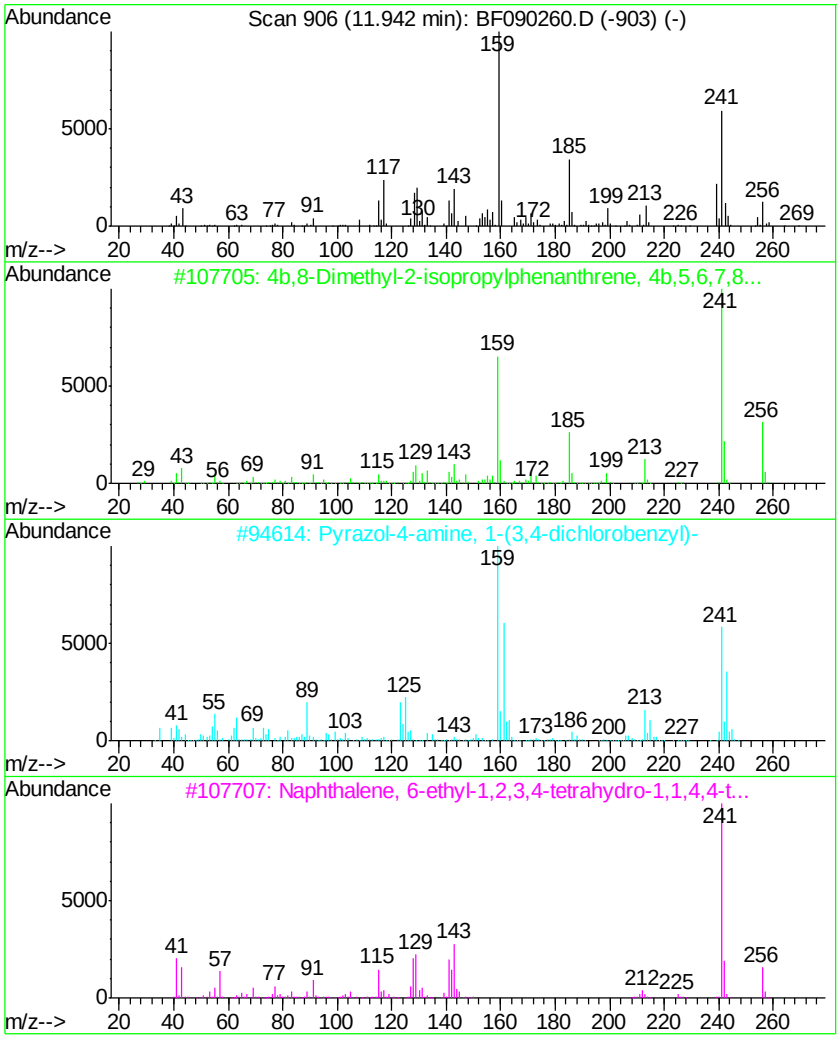
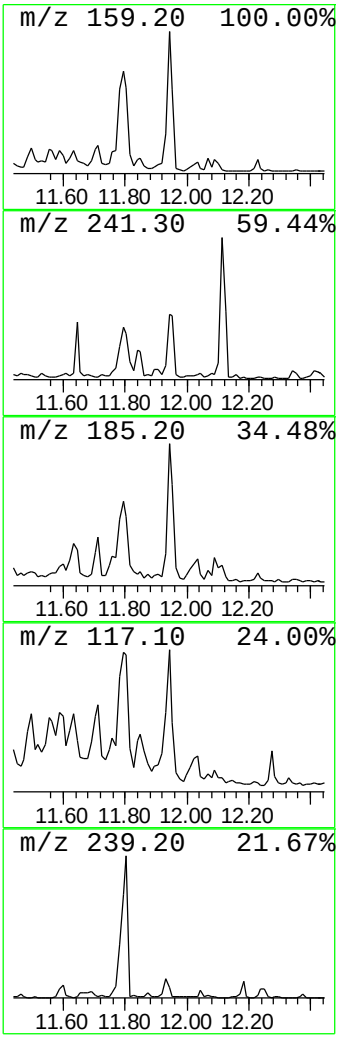
Peak Number 17 unknown11.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	102.70 ng	4903990	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	46
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	38
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	27





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Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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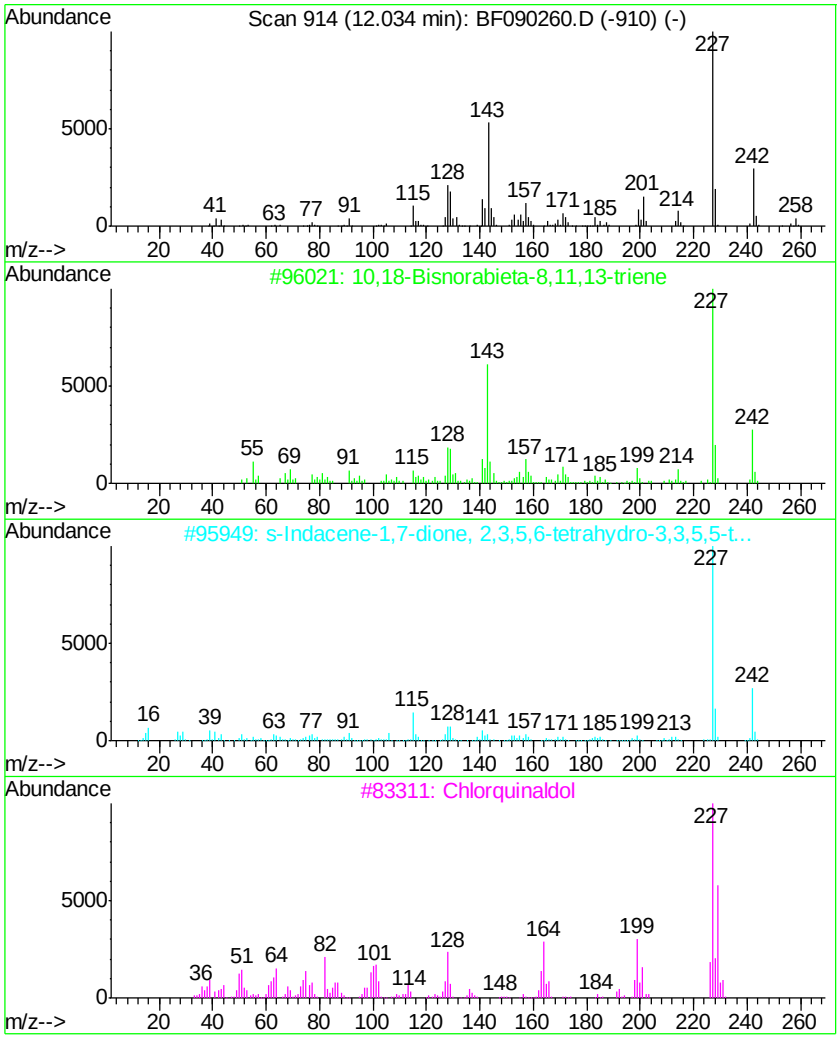
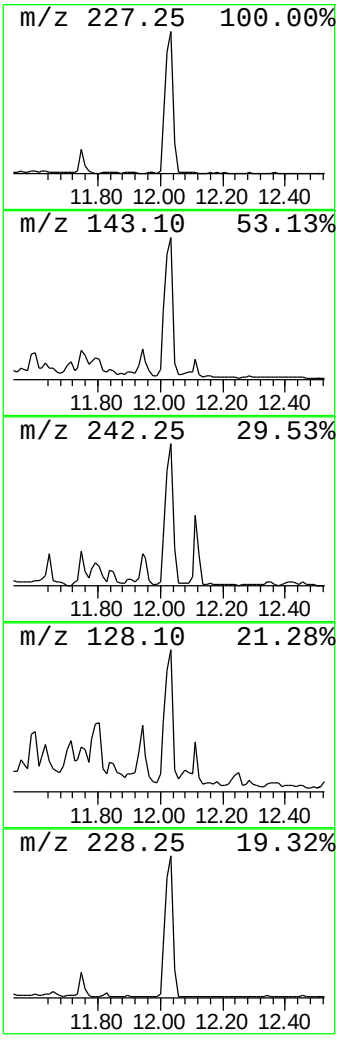
Peak Number 18 10,18-Bisnorabieta-8,11,13-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	142.80 ng	6818400	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	53
3	Chlorquinaldol	227	C10H7Cl2NO	000072-80-0	47
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	47
5	Lapachol	242	C15H14O3	000084-79-7	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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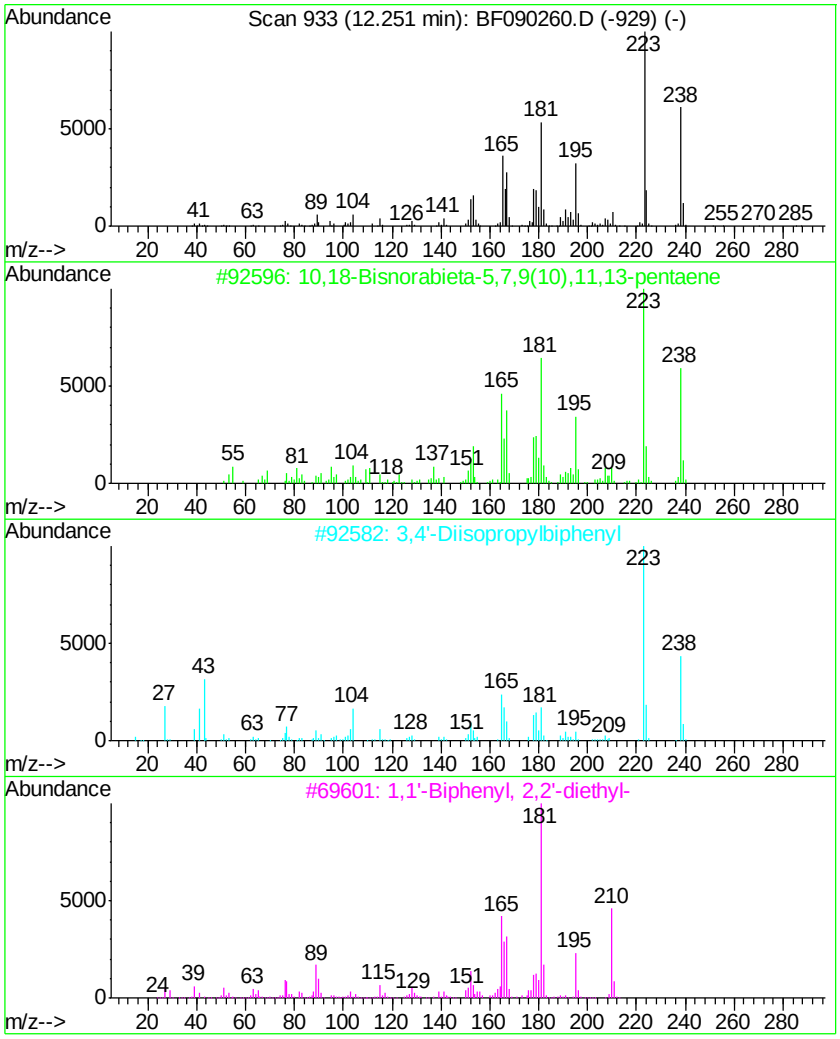
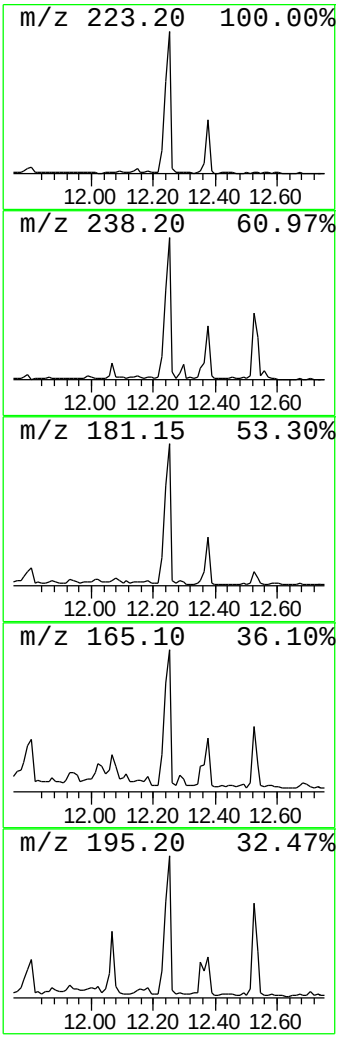
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	101.41 ng	4842010	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	55
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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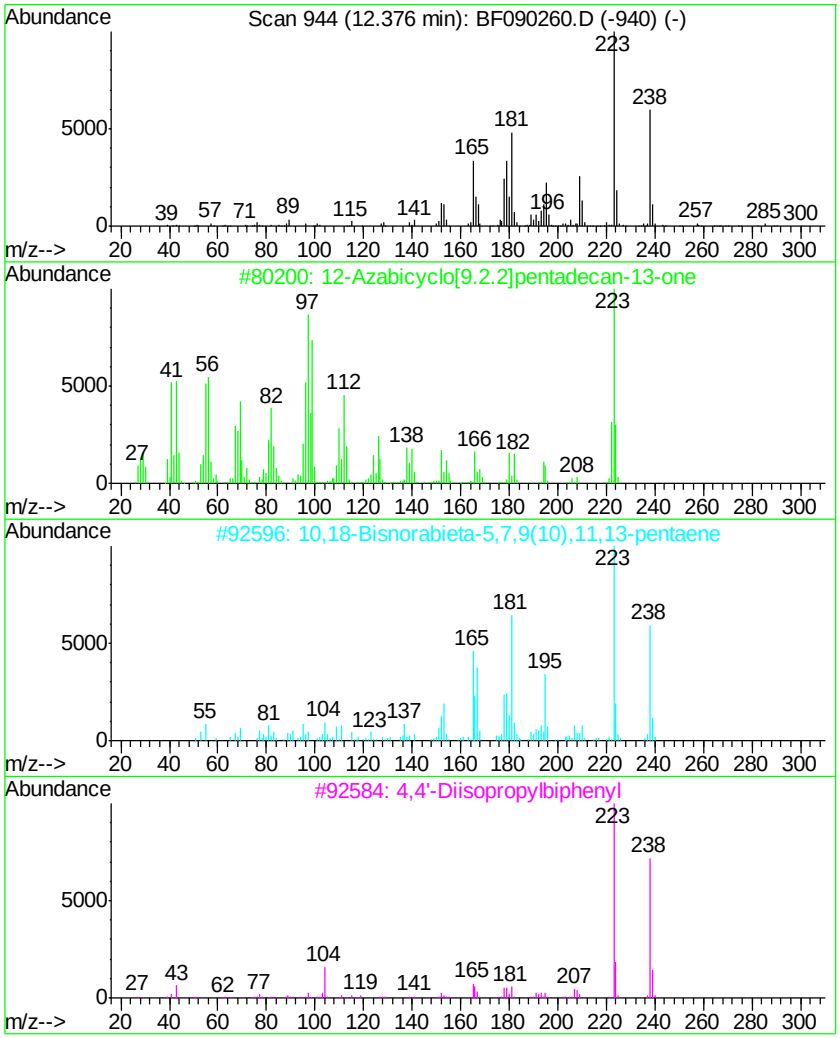
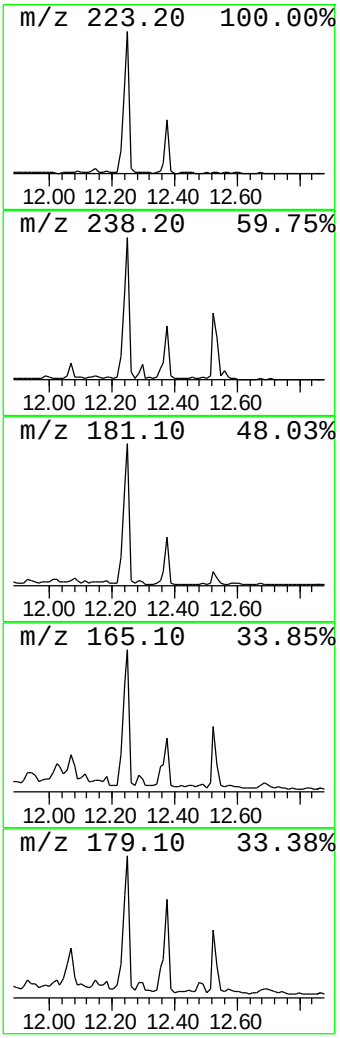
Peak Number 20 12-Azabicyclo[9.2.2]pentade... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	53.90 ng	2018970	Chrysene-d12	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
2	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	64
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	43
5	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090260.D
Acq On : 27 Sep 2016 19:05
Operator : UM/SJ
Sample : H4933-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4B-7.5-8-BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecane, 2-methy...	10.47	111.3	ng	5312770	4	10.98	954987	20.0
unknown10.78	10.78	55.1	ng	2630780	4	10.98	954987	20.0
2-Bromotetradecane	10.92	82.4	ng	3934550	4	10.98	954987	20.0
unknown11.22	11.22	65.2	ng	3114070	4	10.98	954987	20.0
unknown11.27	11.27	74.0	ng	3531030	4	10.98	954987	20.0
Acetaldehyde, phe...	11.30	60.8	ng	2904310	4	10.98	954987	20.0
unknown11.34	11.34	69.7	ng	3330040	4	10.98	954987	20.0
4b,8-Dimethyl-2-i...	11.39	88.5	ng	4226860	4	10.98	954987	20.0
unknown11.50	11.50	134.8	ng	6435250	4	10.98	954987	20.0
unknown11.60	11.60	104.1	ng	4970990	4	10.98	954987	20.0
Benzoic acid, 4-(...	11.63	147.1	ng	7023450	4	10.98	954987	20.0
8H-Pyrano[2,3-e]b...	11.71	210.8	ng	10067500	4	10.98	954987	20.0
unknown11.76	11.76	87.8	ng	4190880	4	10.98	954987	20.0
1,3-Bis(trimethyl...	11.80	188.7	ng	9008400	4	10.98	954987	20.0
unknown11.86	11.86	112.3	ng	5362870	4	10.98	954987	20.0
unknown11.94	11.94	102.7	ng	4903990	4	10.98	954987	20.0
10,18-Bisnorabiet...	12.03	142.8	ng	6818400	4	10.98	954987	20.0
10,18-Bisnorabiet...	12.25	101.4	ng	4842010	4	10.98	954987	20.0
12-Azabicyclo[9.2...	12.38	53.9	ng	2018970	5	13.58	749087	20.0