LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089289.D
Acq On : 25 Jul 2016 21:13
Operator : UM/SJ
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

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-BF072016.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	1.701	9	10	44	rVB	1307148	2736157	43.78%	1.972%
2	4.650	265	268	270	rBV	132250	162007	2.59%	0.117%
3	5.141	309	311	313	rBV	1000662	1046943	16.75%	0.755%
4	5.542	342	346	348	rVB2	263059	369548	5.91%	0.266%
5	5.599	348	351	353	rBV2	92535	168163	2.69%	0.121%
6	5.679	356	358	361	rVB3	298268	451082	7.22%	0.325%
7	5.747	361	364	366	rBV2	186393	328749	5.26%	0.237%
8	5.804	366	369	372	rVB	708840	949563	15.19%	0.684%
9	5.862	372	374	376	rBV	701533	879012	14.06%	0.634%
10	5.907	376	378	382	rVB2	225692	513835	8.22%	0.370%
11	5.976	382	384	386	rBV2	167226	357621	5.72%	0.258%
12	6.010	386	387	391	rVB2	207449	227050	3.63%	0.164%
13	6.079	391	393	395	rBV	923108	1174756	18.80%	0.847%
14	6.113	395	396	398	rVB2	236653	226461	3.62%	0.163%
15	6.170	398	401	402	rBV	165384	238139	3.81%	0.172%
16	6.227	402	406	407	rBV2	1008697	1882196	30.11%	1.357%
17	6.250	407	408	411	rVB	325046	434303	6.95%	0.313%
18	6.330	411	415	418	rBV	1294763	2229947	35.68%	1.607%
19	6.387	418	420	422	rBV	599602	822538	13.16%	0.593%
20	6.422	422	423	426	rVB	375692	303458	4.86%	0.219%
21	6.524	428	432	434	rBV4	472972	1139259	18.23%	0.821%
22	6.604	437	439	440	rVB	1224029	1274403	20.39%	0.919%
23	6.650	440	443	447	rBV6	394979	1148460	18.37%	0.828%
24	6.730	447	450	454	rVB5	933853	2756054	44.10%	1.987%
25	6.833	454	459	463	rBV5	786427	2378395	38.05%	1.714%
26	6.902	463	465	466	rBV	368548	418438	6.69%	0.302%
27	6.970	468	471	472	rBV2	1090807	1489136	23.83%	1.073%
28	6.993	472	473	475	rVB	380536	521621	8.35%	0.376%
29	7.073	475	480	481	rBV2	877450	1776784	28.43%	1.281%
30	7.119	481	484	487	rVV4	1073797	2106364	33.70%	1.518%
31	7.233	491	494	496	rVB3	1174823	2076629	33.23%	1.497%
32	7.302	496	500	502	rBV4	855120	1640359	26.25%	1.182%
33	7.359	504	505	506	rVV	431520	529740	8.48%	0.382%
34	7.382	506	507	510	rVB2	2213346	2469273	39.51%	1.780%

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Misc :
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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 >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.439	510	512	514	rBV3	332624	601250	9.62%	0.433%
36	7.496	514	517	521	rBV6	929162	2561896	40.99%	1.847%
37	7.610	524	527	528	rVV	1274782	1838776	29.42%	1.325%
38	7.645	528	530	532	rVB	1074497	1223664	19.58%	0.882%
39	7.702	532	535	537	rBV3	1077280	2183380	34.93%	1.574%
40	7.770	537	541	543	rBV3	617011	1239086	19.82%	0.893%
41	7.862	543	549	551	rBV5	1637239	3880161	62.08%	2.797%
42	7.907	551	553	555	rVV2	1028836	2077456	33.24%	1.497%
43	7.953	555	557	560	rVV2	1780666	2705042	43.28%	1.950%
44	8.079	562	568	570	rBV6	990771	2839799	45.44%	2.047%
45	8.159	572	575	577	rVV4	885297	1940633	31.05%	1.399%
46	8.205	577	579	580	rVV2	369157	582878	9.33%	0.420%
47	8.239	580	582	586	rVB4	695666	1826551	29.22%	1.317%
48	8.319	586	589	592	rBV2	3001283	4559786	72.95%	3.287%
49	8.376	592	594	596	rVV2	1218641	1600920	25.61%	1.154%
50	8.422	596	598	600	rVV3	883505	1674109	26.79%	1.207%
51	8.490	602	604	605	rVV2	758258	1334459	21.35%	0.962%
52	8.525	605	607	609	rVV3	1015534	1960282	31.36%	1.413%
53	8.685	613	621	626	rBV5	1857472	6250136	100.00%	4.505%
54	8.788	629	630	631	rVV	733518	661559	10.58%	0.477%
55	8.822	631	633	635	rVV3	477095	928951	14.86%	0.670%
56	8.913	637	641	642	rBV2	2517841	3574085	57.18%	2.576%
57	8.936	642	643	646	rVV2	697940	1190099	19.04%	0.858%
58	9.039	650	652	653	rVV2	852694	1402511	22.44%	1.011%
59	9.096	655	657	660	rVV4	864595	1878119	30.05%	1.354%
60	9.153	660	662	665	rVB3	696337	1060959	16.97%	0.765%
61	9.199	665	666	668	rBV2	437423	595727	9.53%	0.429%
62	9.290	670	674	675	rVV	2397039	4655987	74.49%	3.356%
63	9.370	678	681	682	rVV3	2199845	3385367	54.16%	2.440%
64	9.405	682	684	688	rVV2	1317416	2344803	37.52%	1.690%
65	9.485	688	691	694	rVB4	711485	1275311	20.40%	0.919%
66	9.611	699	702	704	rBV2	890647	1411610	22.59%	1.018%
67	9.656	704	706	707	rVB2	361332	373161	5.97%	0.269%
68	9.736	710	713	714	rBV	781523	1194144	19.11%	0.861%
69	9.828	717	721	723	rBV3	1845980	2750537	44.01%	1.983%
70	9.862	723	724	726	rBV	693487	899772	14.40%	0.649%
71	9.942	729	731	732	rBV	1323168	1676318	26.82%	1.208%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : WW-2

Integration Parameters: rteint.p
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.022	736	738	739	rBV2	819248	1251000	20.02%	0.902%
73	10.113	744	746	748	rVB3	604912	739991	11.84%	0.533%
74	10.159	748	750	751	rBV2	765295	781157	12.50%	0.563%
75	10.193	751	753	754	rBV2	546111	955357	15.29%	0.689%
76	10.228	754	756	759	rVB	886914	1416771	22.67%	1.021%
77	10.285	759	761	763	rBV2	1652985	2192228	35.07%	1.580%
78	10.399	769	771	773	rVB3	749619	1285029	20.56%	0.926%
79	10.433	773	774	777	rVB3	436953	717753	11.48%	0.517%
80	10.491	777	779	781	rBV2	246715	421193	6.74%	0.304%
81	10.559	781	785	786	rVB2	1766543	2764945	44.24%	1.993%
82	10.605	786	789	790	rBV3	339397	465508	7.45%	0.336%
83	10.731	799	800	806	rVB4	1008298	2280917	36.49%	1.644%
84	10.948	817	819	821	rBV3	303078	390393	6.25%	0.281%
85	11.005	821	824	827	rVB2	1518425	3048184	48.77%	2.197%
86	11.085	829	831	832	rBV	231492	202705	3.24%	0.146%
87	11.108	832	833	838	rVB	832691	1071285	17.14%	0.772%
88	11.199	839	841	843	rBV2	299130	534342	8.55%	0.385%
89	11.348	853	854	857	rVB3	545217	614632	9.83%	0.443%
90	11.416	857	860	861	rBV3	488485	632486	10.12%	0.456%
91	11.496	865	867	870	rVB2	409757	580161	9.28%	0.418%
92	11.588	873	875	876	rBV	553026	711300	11.38%	0.513%
93	11.691	882	884	889	rVB2	553567	1288900	20.62%	0.929%
94	11.816	893	895	897	rVB2	222600	285428	4.57%	0.206%
95	11.862	897	899	901	rBV2	146230	291876	4.67%	0.210%
96	12.056	914	916	920	rVB2	293863	649400	10.39%	0.468%
97	12.125	920	922	924	rBV	360039	446535	7.14%	0.322%
98	12.651	966	968	973	rVB	781047	859323	13.75%	0.619%
99	13.679	1056	1058	1065	rVB	256770	278496	4.46%	0.201%
100	15.017	1173	1175	1178	rBV	166388	206158	3.30%	0.149%

Sum of corrected areas: 138729180

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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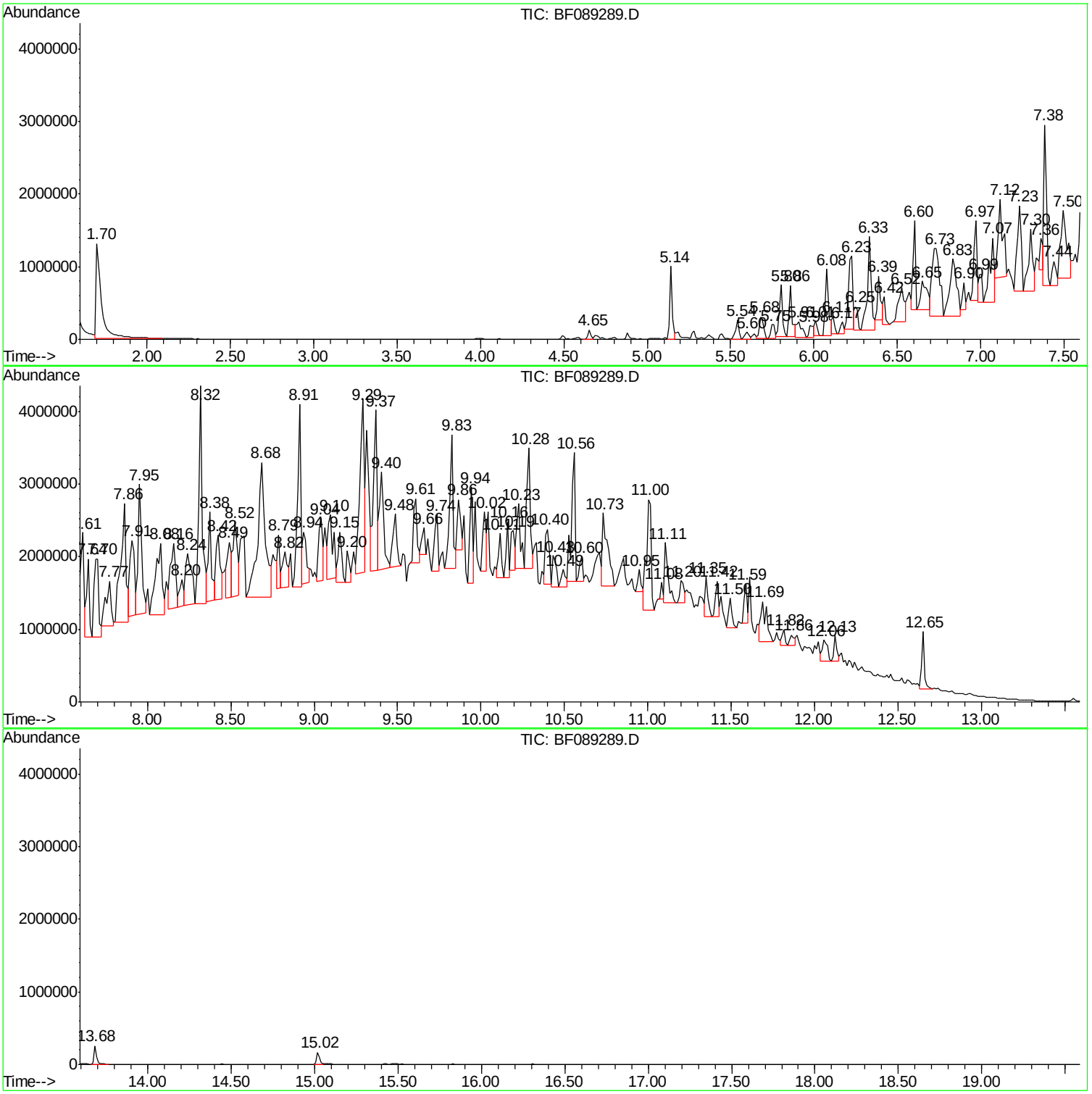
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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Instrument : BNA_F
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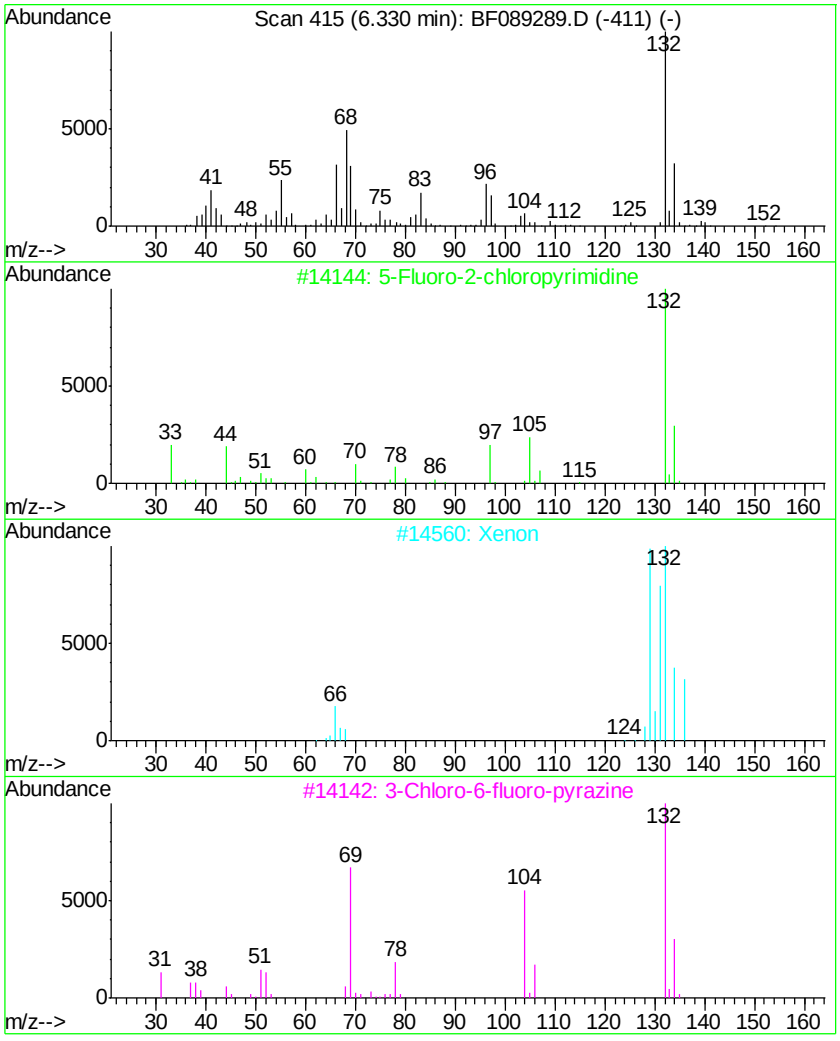
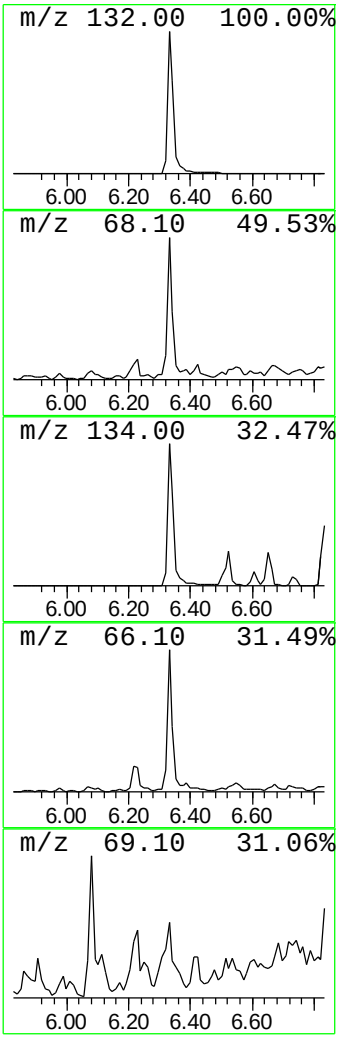
****

Peak Number 2 unknown6.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	35.00 ng	2229950	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	30
2	Xenon	132	Xe	007440-63-3	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14





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Data File : BF089289.D
Acq On : 25 Jul 2016 21:13
Operator : UM/SJ
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

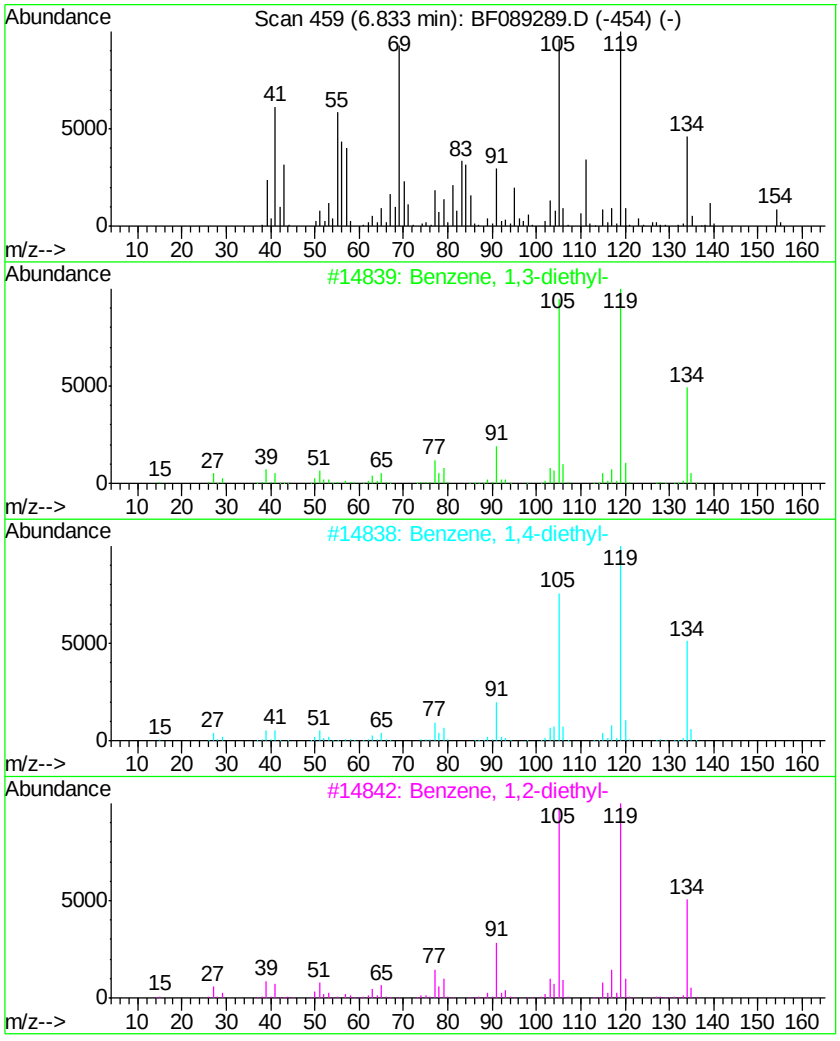
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

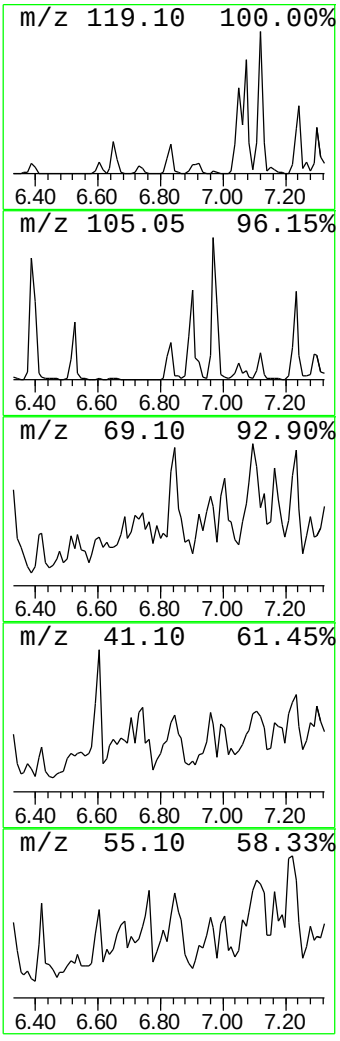
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	37.33 ng	2378400	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
5	o-Cymene	134	C10H14	000527-84-4	42





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Sample : H4207-04
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Instrument : BNA_F
ClientSampleId : WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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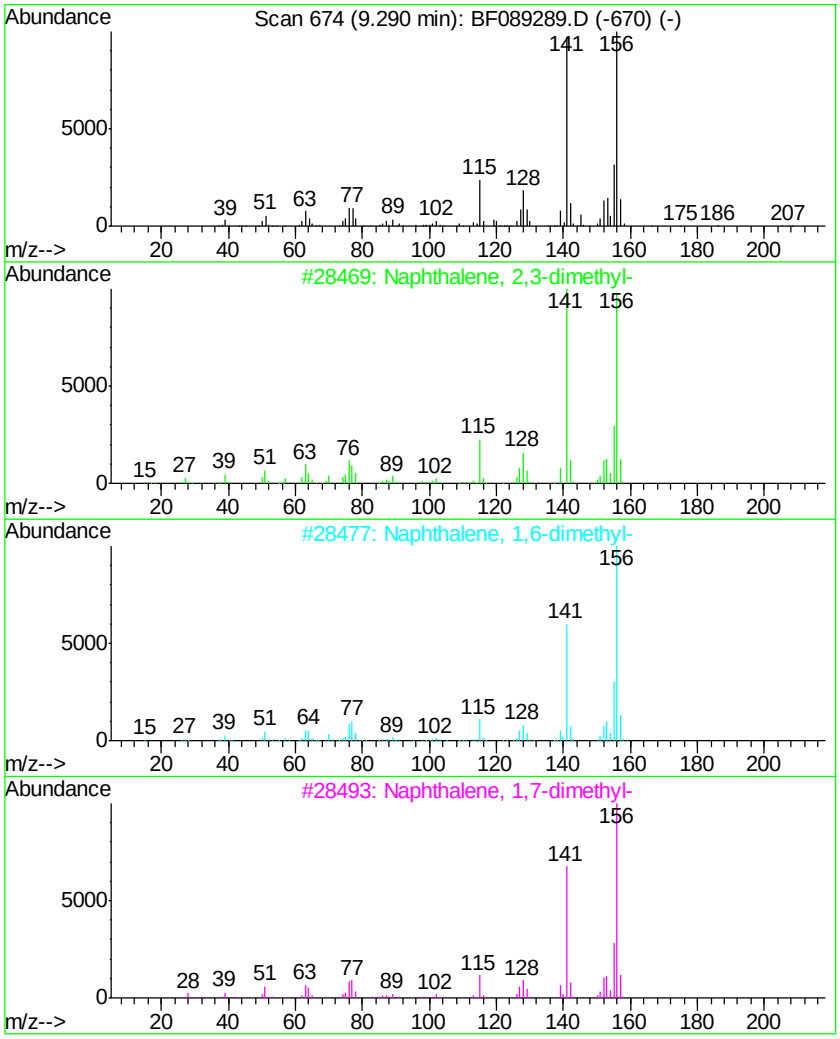
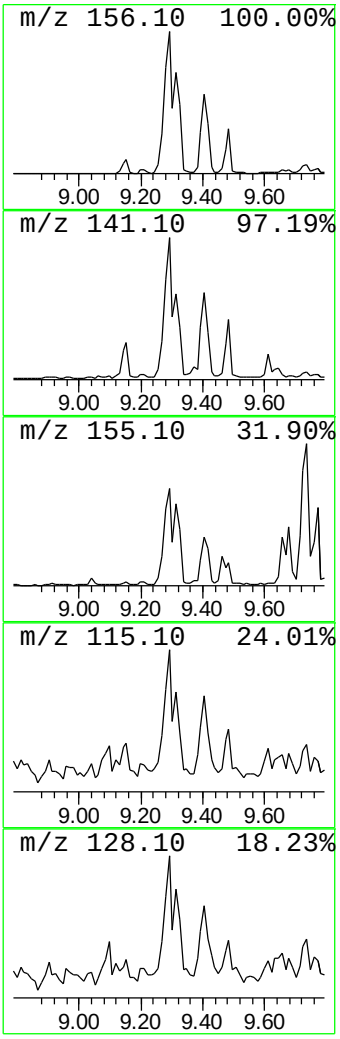
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	65.97 ng	4655990	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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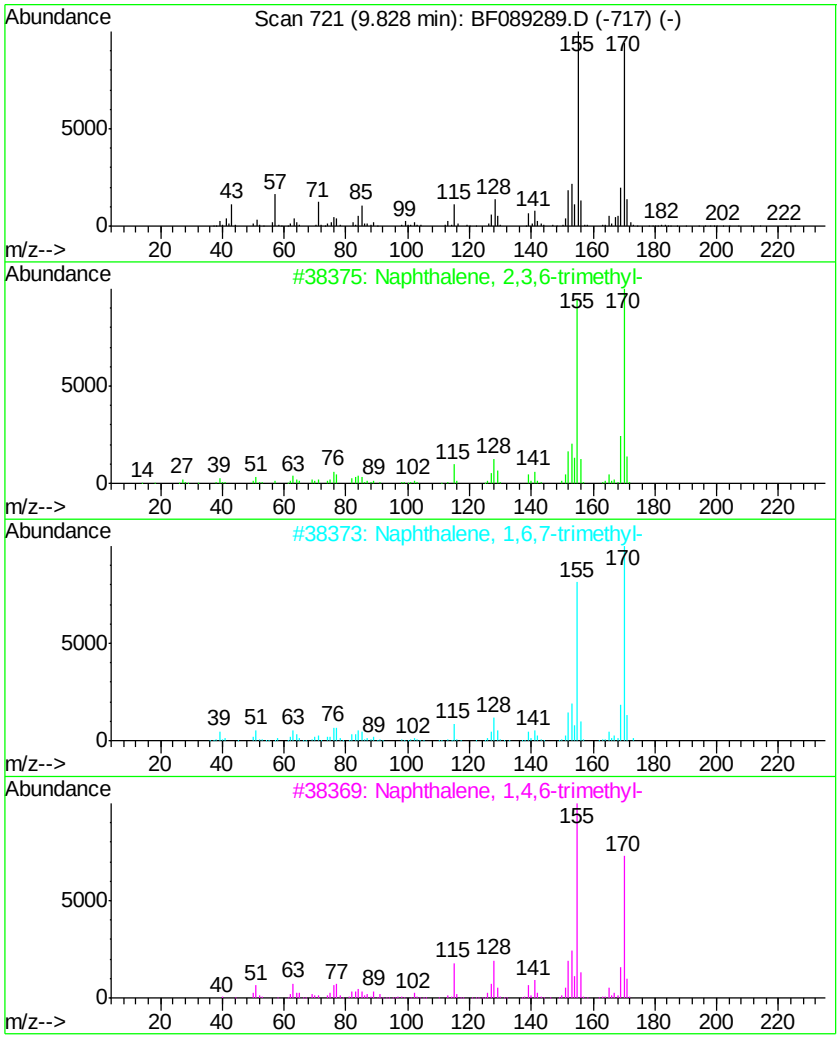
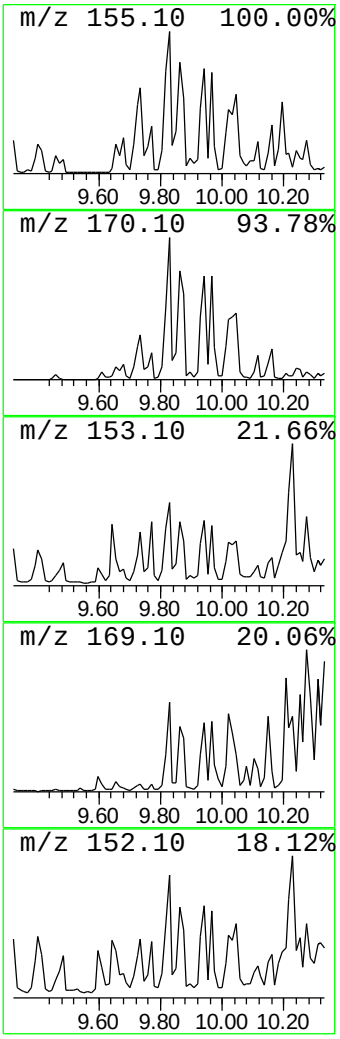
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	38.97 ng	2750540	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Operator : UM/SJ
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

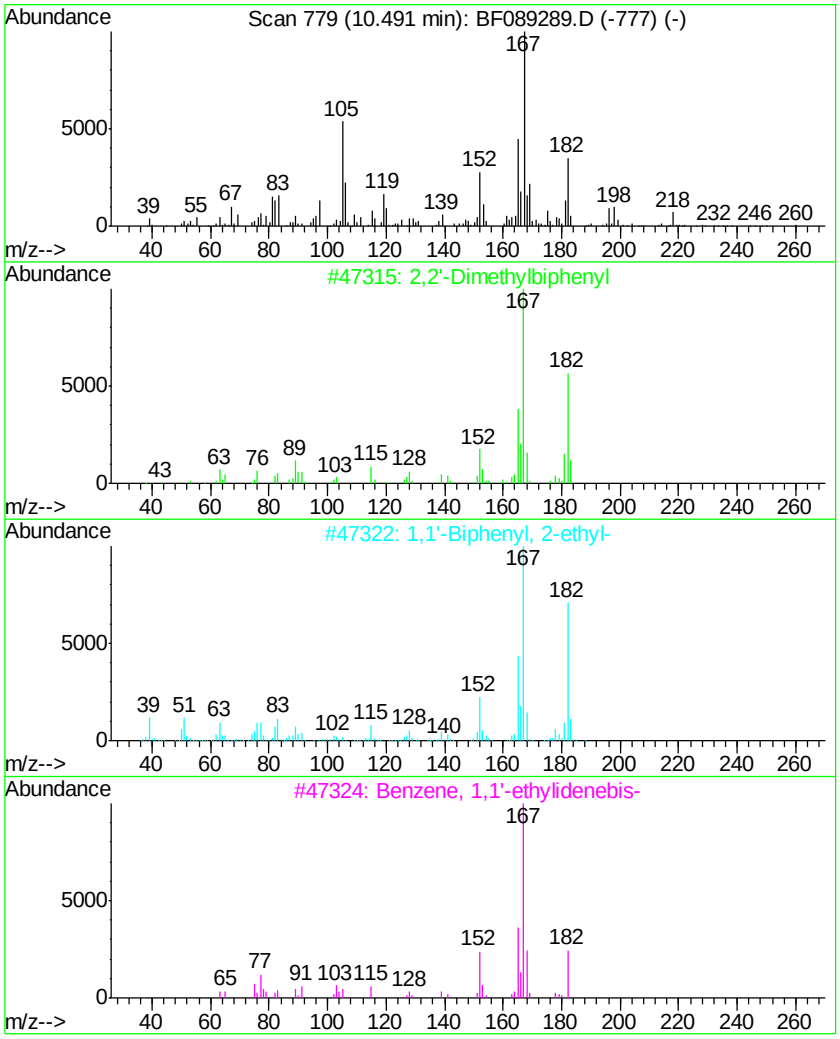
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

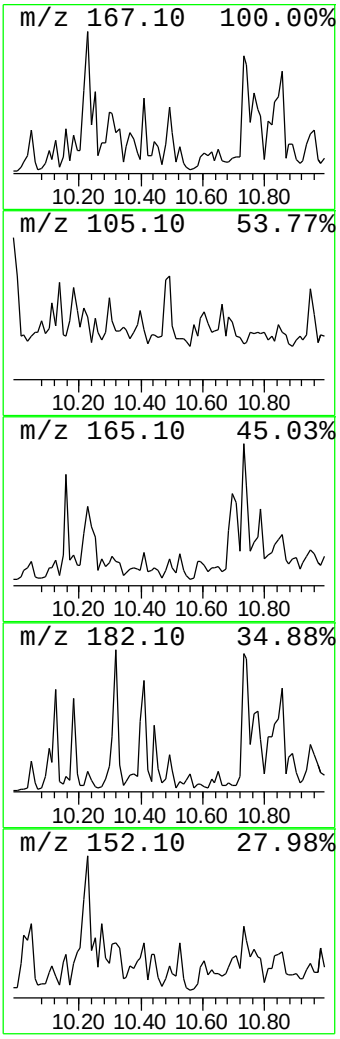
****

Peak Number 7 2,2'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	41.56 ng	421193	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	86
2	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	86
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	83
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	76
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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Acq On : 25 Jul 2016 21:13
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Sample : H4207-04
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

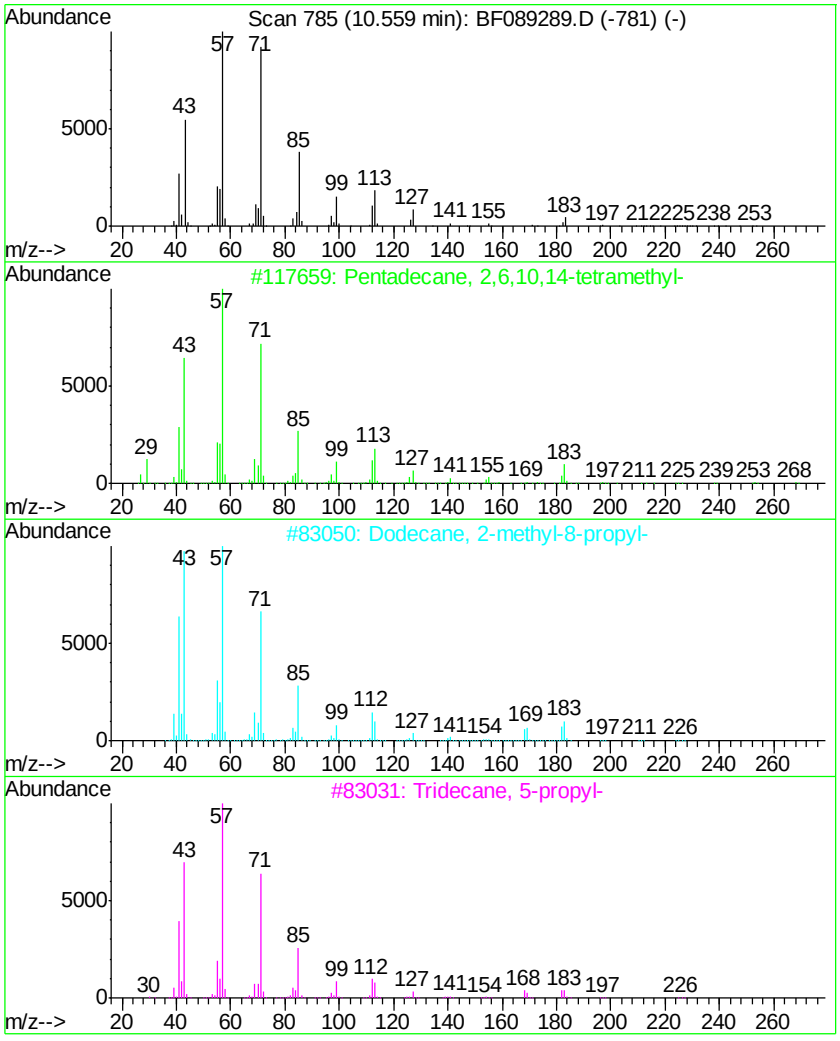
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

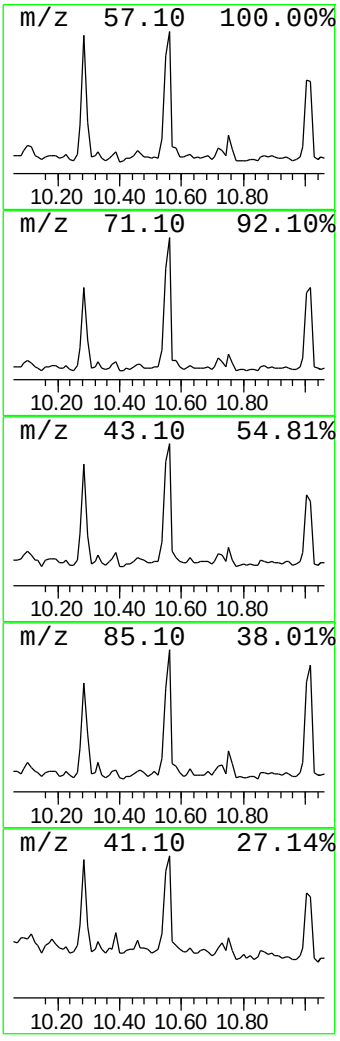
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	272.81 ng	2764950	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	81
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





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Acq On : 25 Jul 2016 21:13
Operator : UM/SJ
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

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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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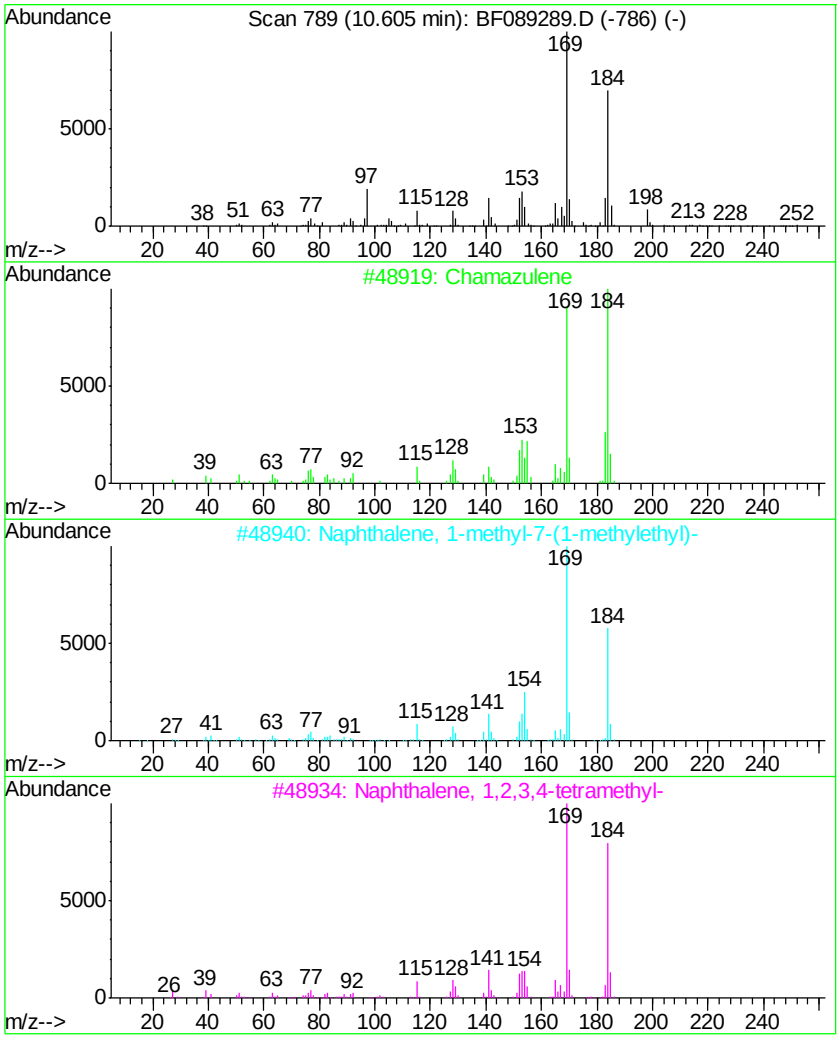
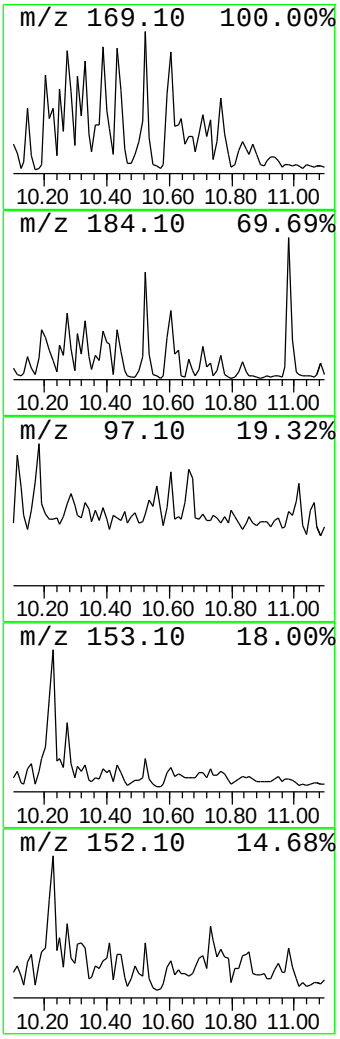
Peak Number 9 Chamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	45.93 ng	465508	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	91
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	89
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
4	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	58
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	58





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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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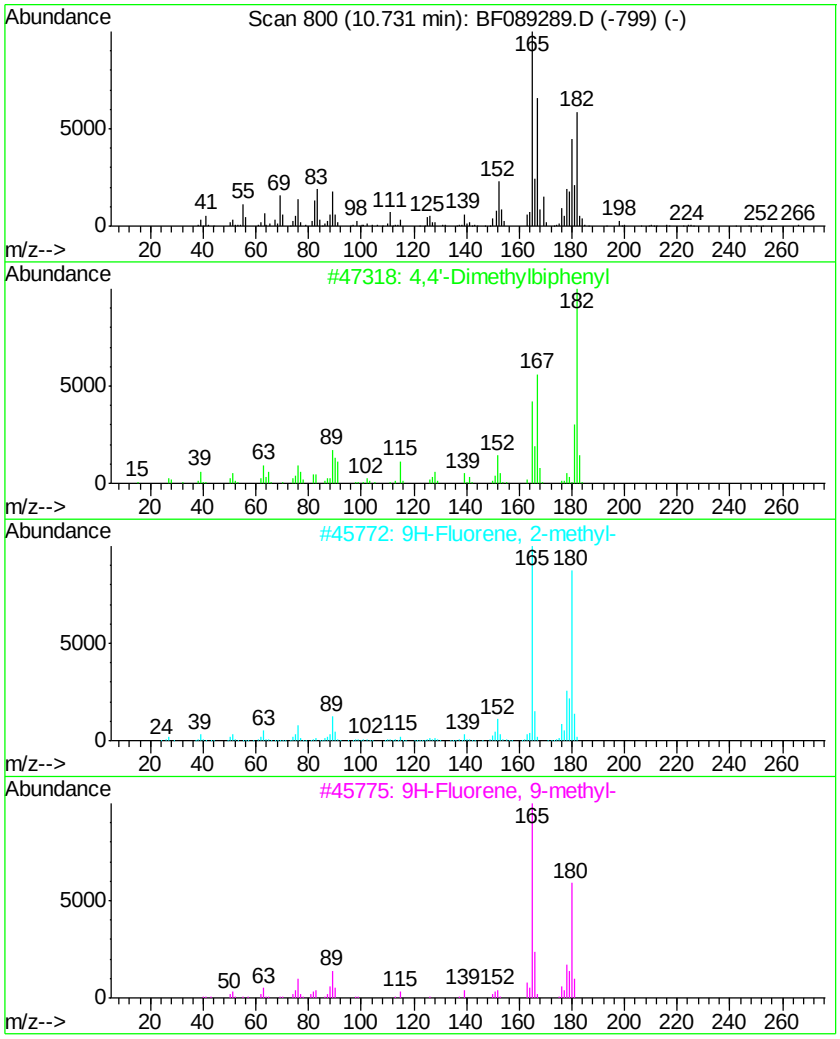
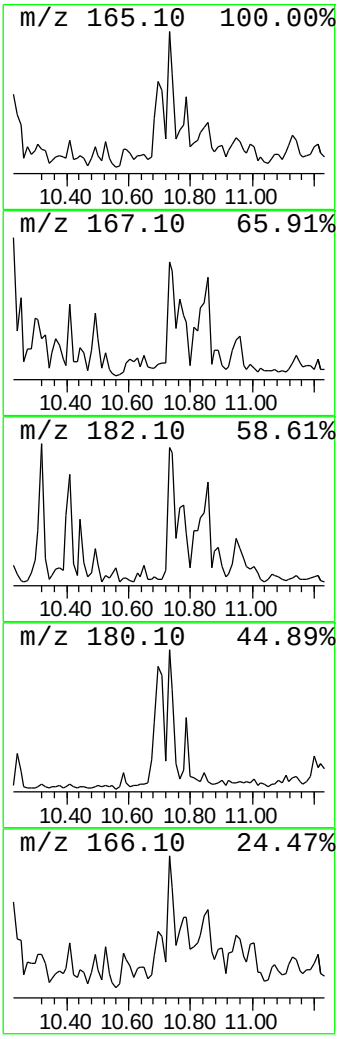
Peak Number 10 4,4'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	225.05 ng	2280920	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
4	Pentacyclo[6.4.0.0(1,8).1(2,7)]t...	180	C14H12	086120-84-5	50
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46





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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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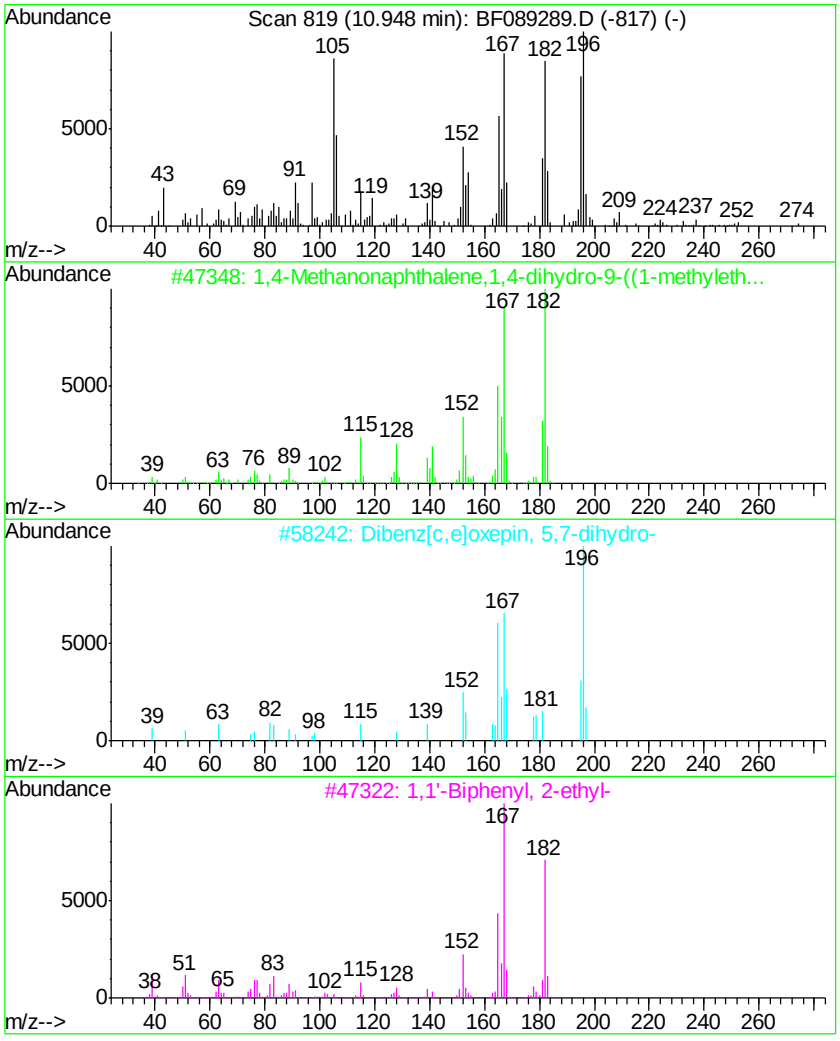
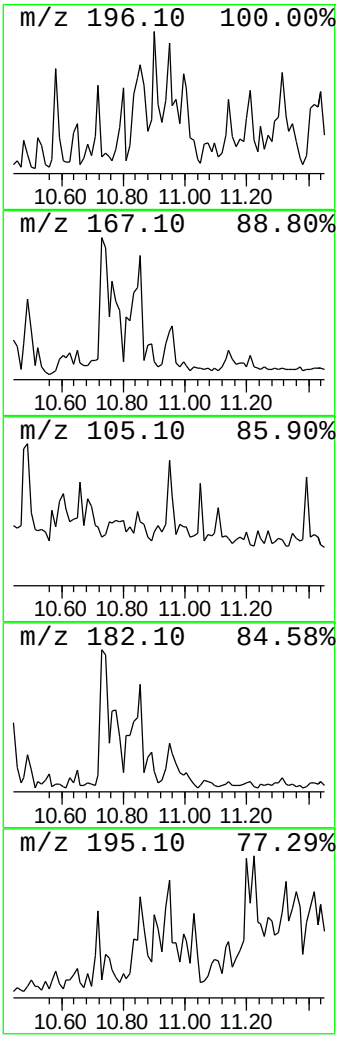
Peak Number 11 1,4-Methanonaphthalene,1,4-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	38.52 ng	390393	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	46
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	45
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





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Misc :
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ClientSampleId : WW-2

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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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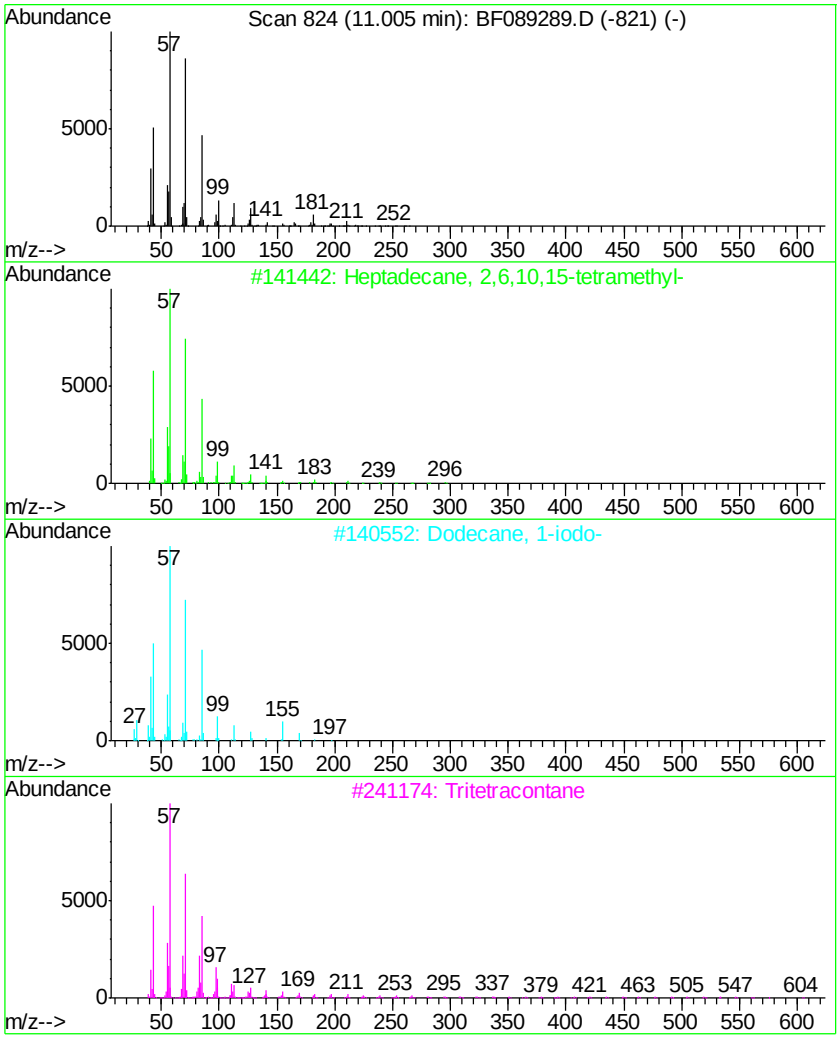
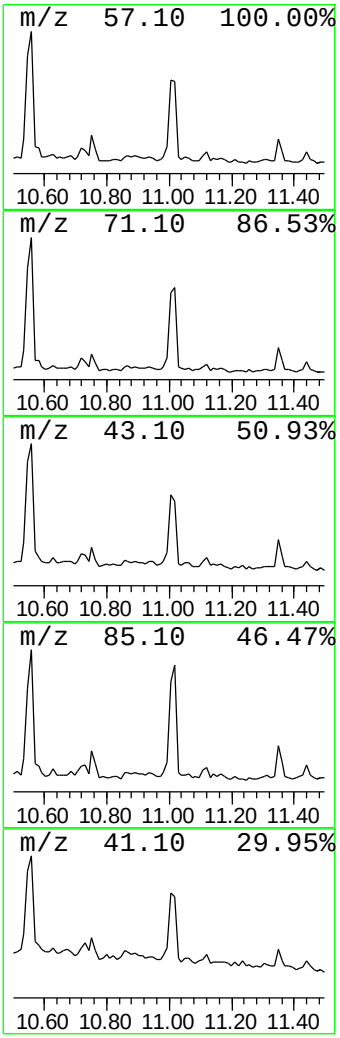
Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	300.75 ng	3048180	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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ClientSampleId : WW-2

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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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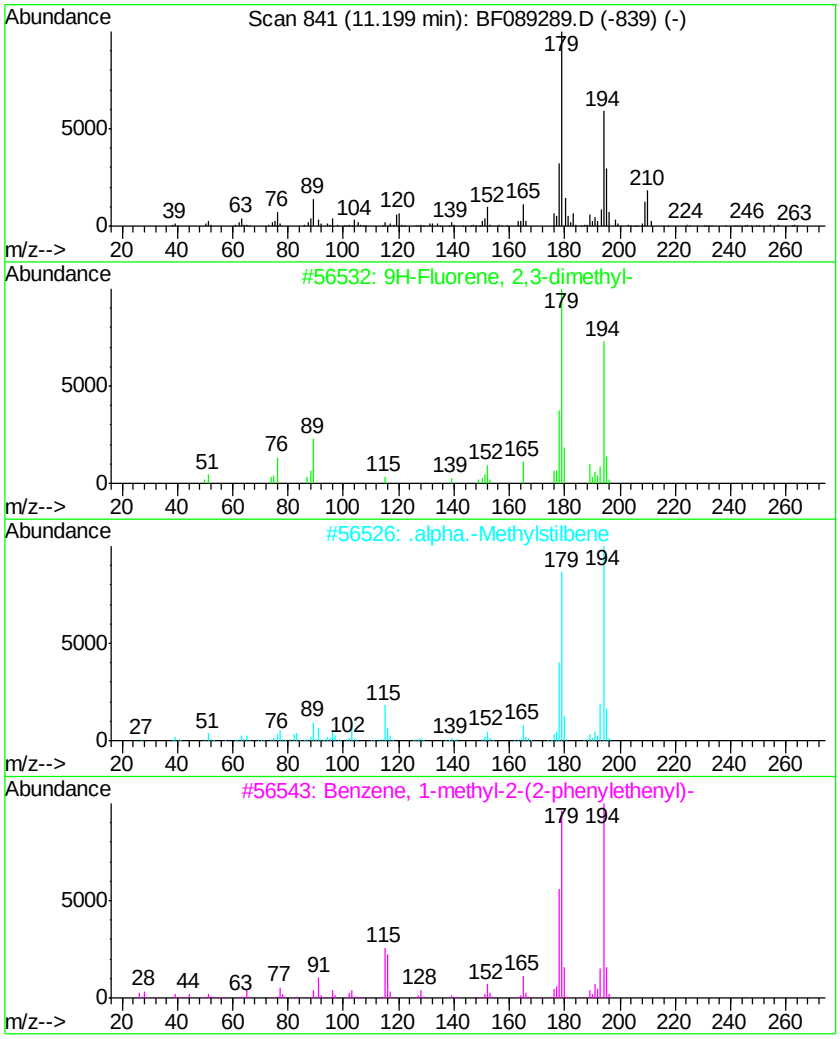
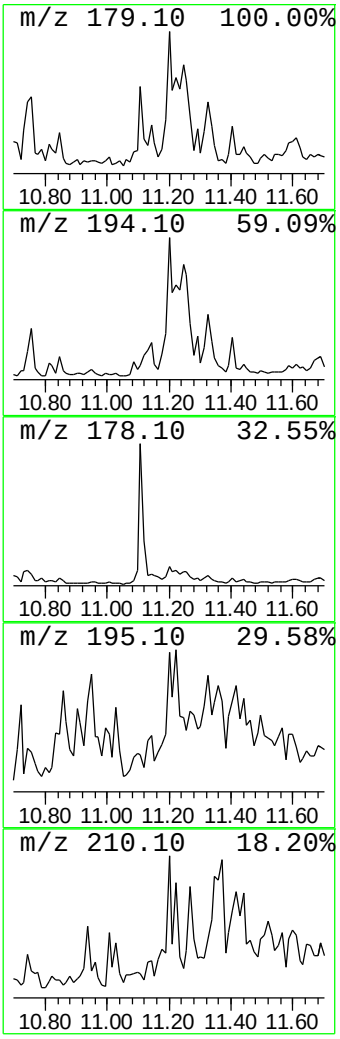
Peak Number 13 9H-Fluorene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	52.72 ng	534342	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	92
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	64
3	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	62
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	62
5	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	52





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Instrument : BNA_F
ClientSampleId : WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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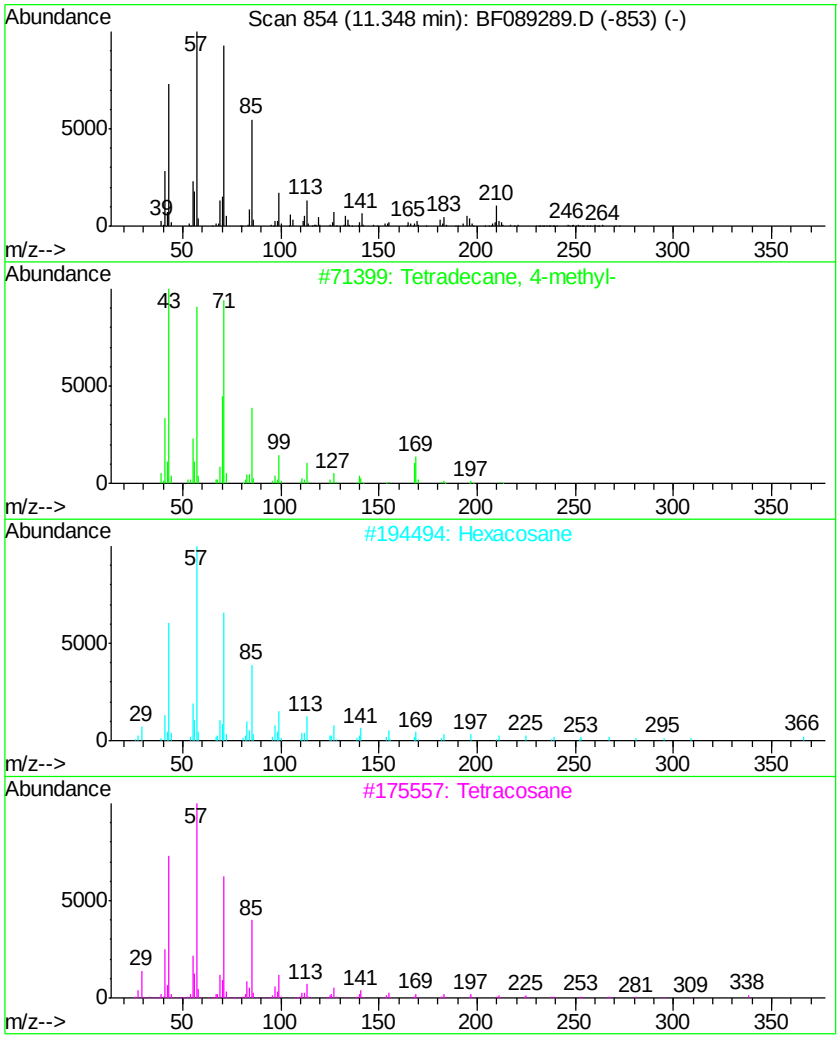
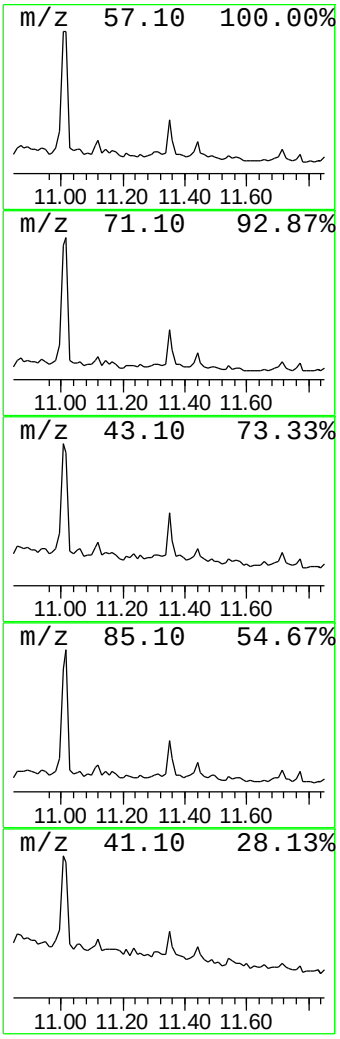
Peak Number 14 Tetradecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	60.64 ng	614632	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
2	Hexacosane	366	C26H54	000630-01-3	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





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ClientSampleId : WW-2

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

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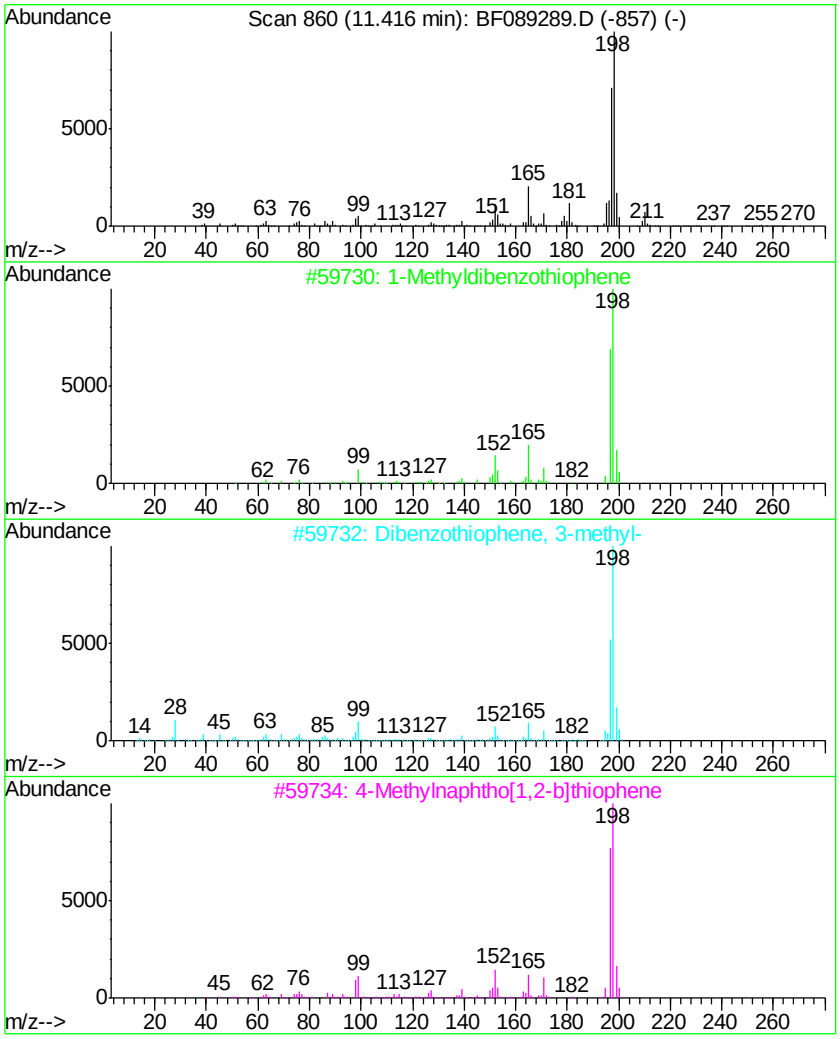
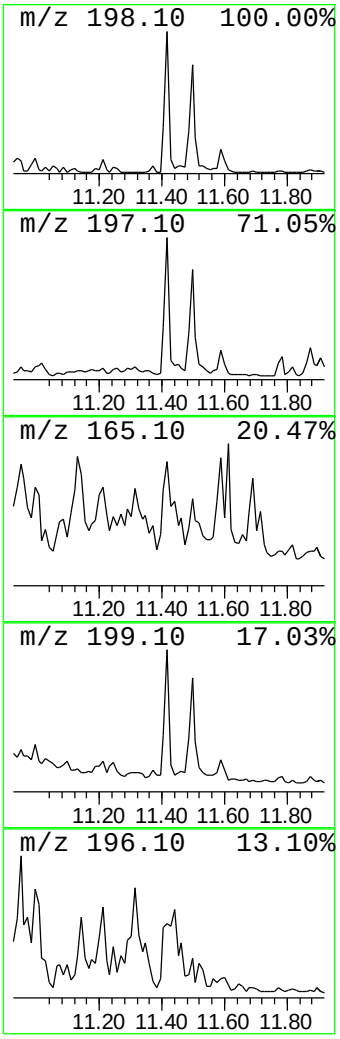
Peak Number 15 1-Methyldibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	62.40 ng	632486	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	76
4	Tacrine	198	C13H14N2	000321-64-2	64
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64





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ClientSampleId : WW-2

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

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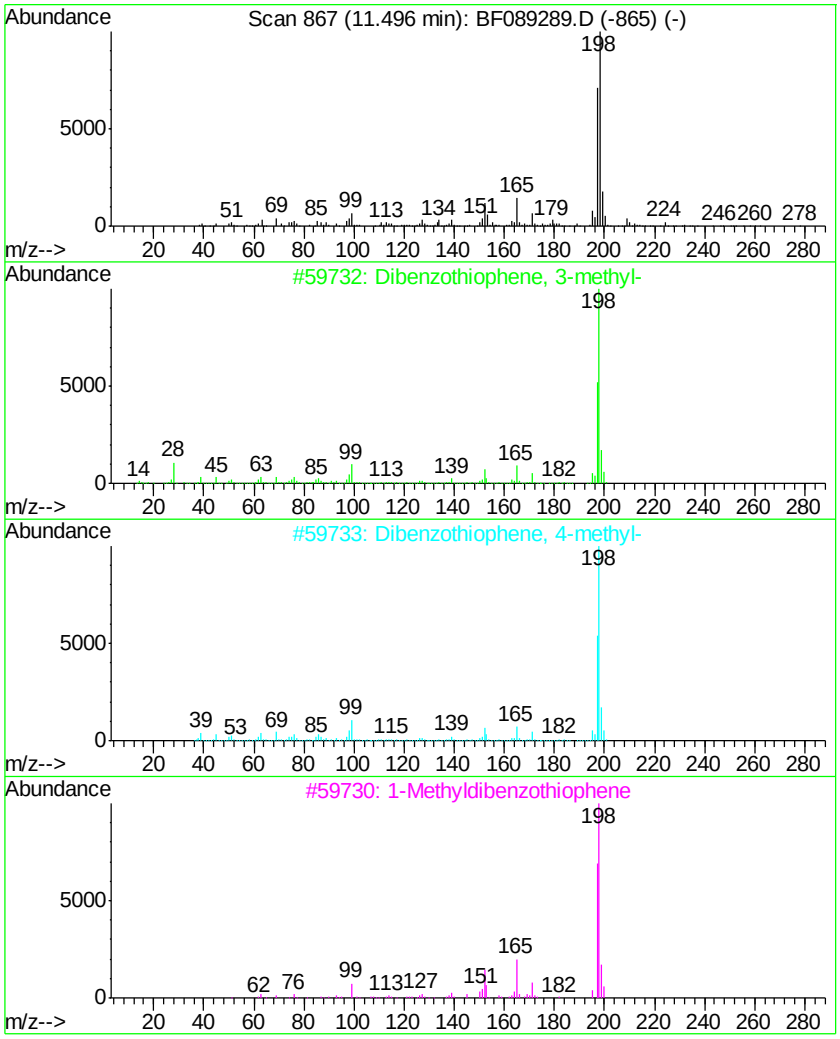
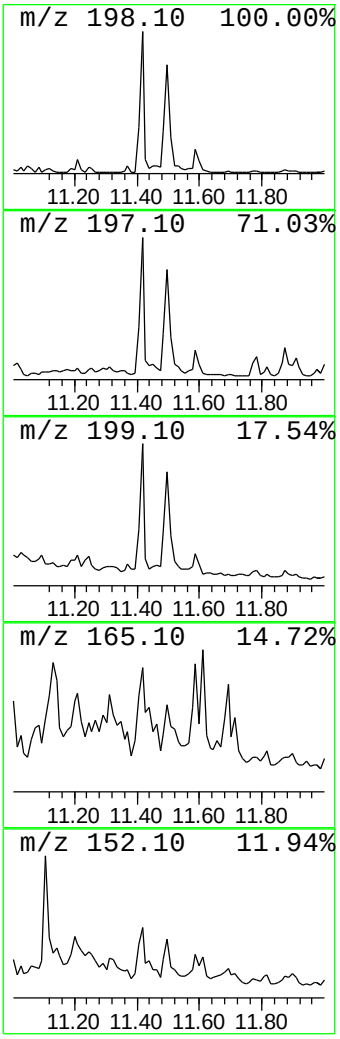
Peak Number 16 Dibenzothiophene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	57.24 ng	580161	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
5	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	72





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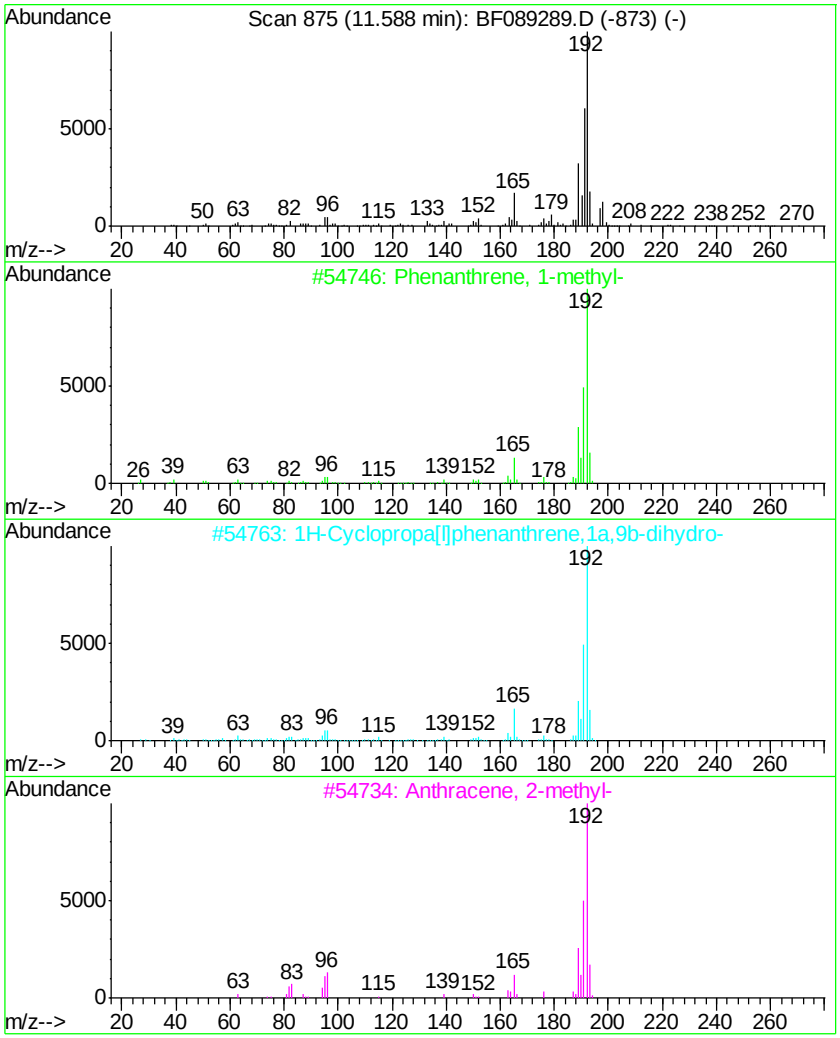
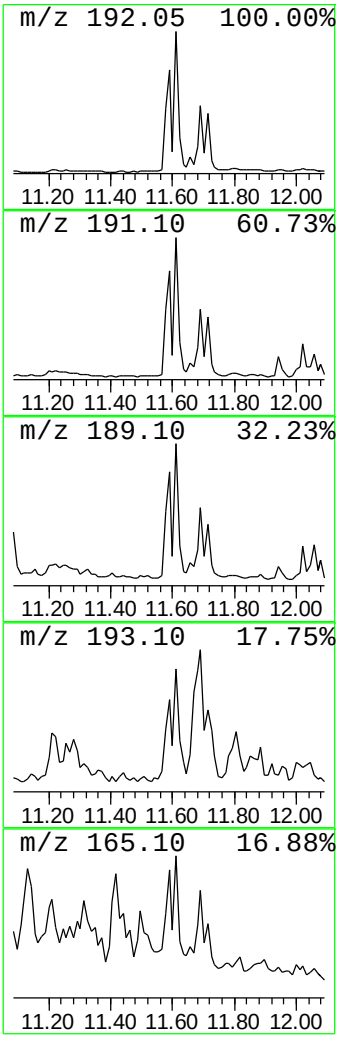
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	70.18 ng	711300	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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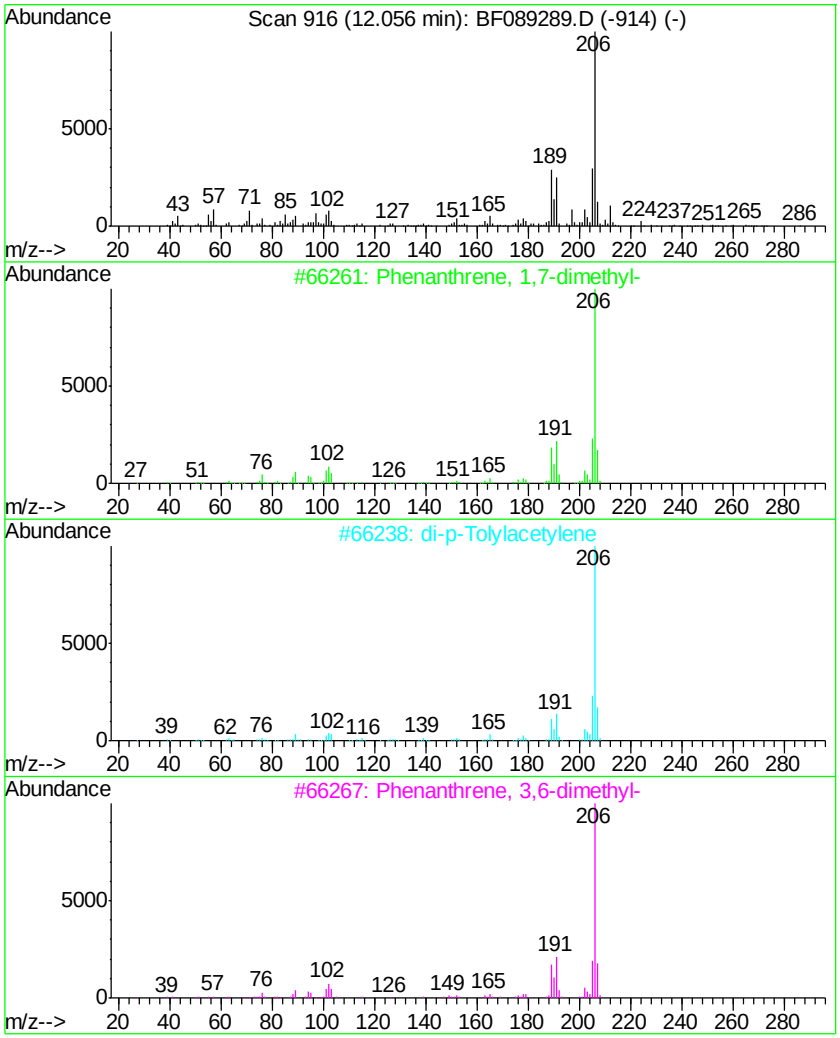
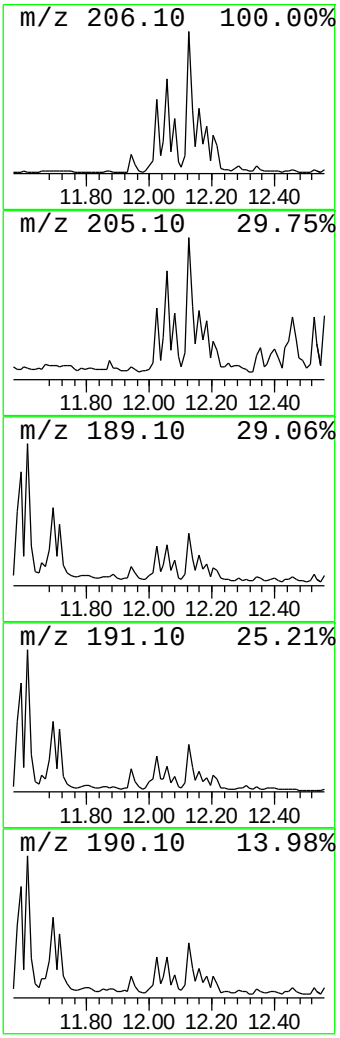
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	64.07 ng	649400	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





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TIC Library : C:\Database\NIST11.L
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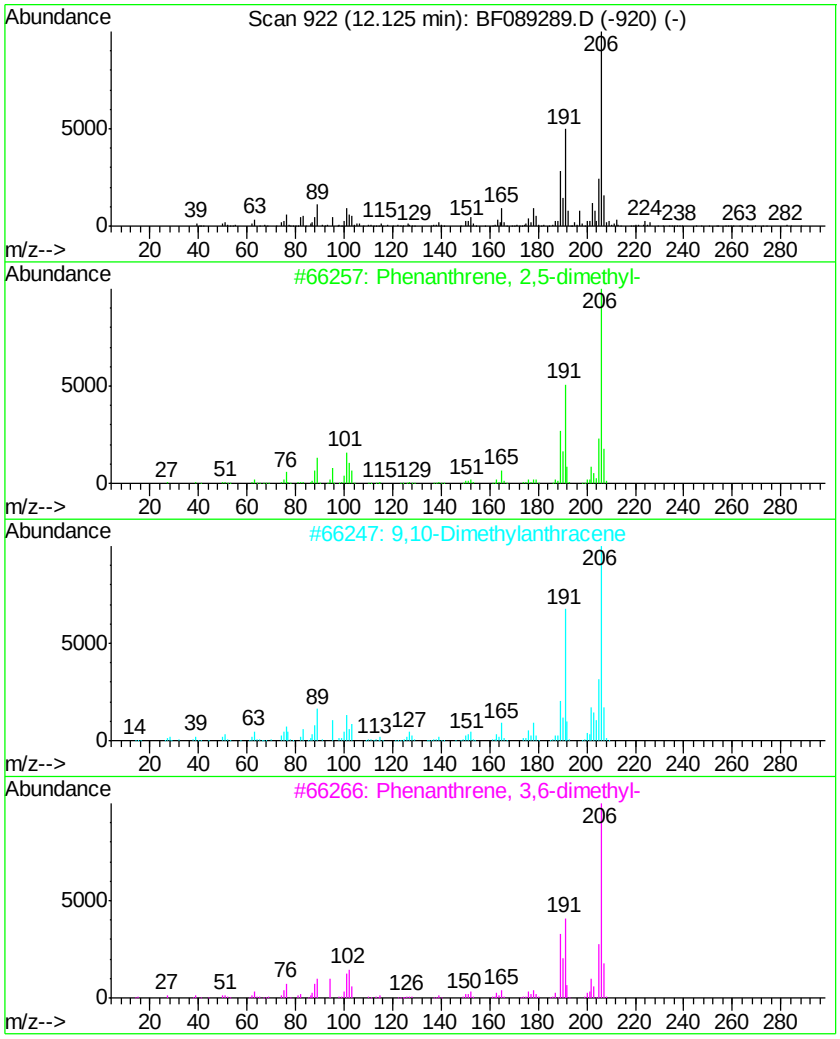
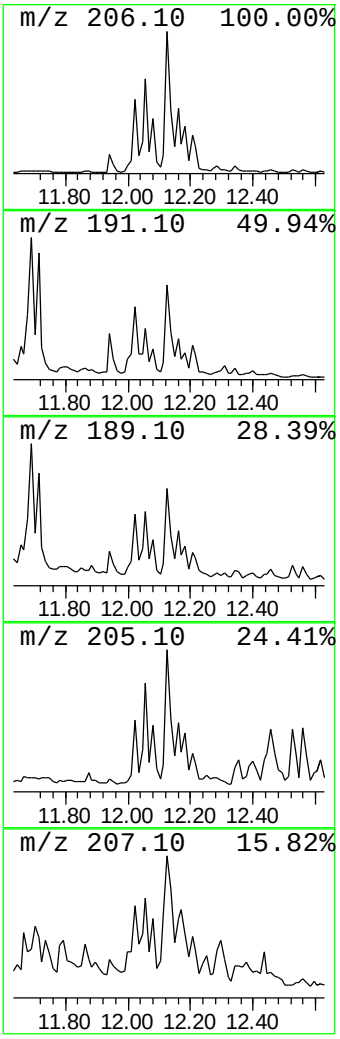
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	44.06 ng	446535	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089289.D
Acq On : 25 Jul 2016 21:13
Operator : UM/SJ
Sample : H4207-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
unknown6.33	6.33	35.0	ng	2229950	1	6.57	1274400	20.0
Benzene, 1,3-diet...	6.83	37.3	ng	2378400	1	6.57	1274400	20.0
Naphthalene, 2,3-...	9.29	66.0	ng	4655990	3	9.61	1411610	20.0
Naphthalene, 2,3,...	9.83	39.0	ng	2750540	3	9.61	1411610	20.0
2,2'-Dimethylbiph...	10.49	41.6	ng	421193	4	11.08	202705	20.0
Pentadecane, 2,6,...	10.56	272.8	ng	2764950	4	11.08	202705	20.0
Chamazulene	10.60	45.9	ng	465508	4	11.08	202705	20.0
4,4'-Dimethylbiph...	10.73	225.1	ng	2280920	4	11.08	202705	20.0
1,4-Methanonaphth...	10.95	38.5	ng	390393	4	11.08	202705	20.0
Heptadecane, 2,6,...	11.00	300.8	ng	3048180	4	11.08	202705	20.0
9H-Fluorene, 2,3-...	11.20	52.7	ng	534342	4	11.08	202705	20.0
Tetradecane, 4-me...	11.35	60.6	ng	614632	4	11.08	202705	20.0
1-Methyldibenzoth...	11.42	62.4	ng	632486	4	11.08	202705	20.0
Dibenzothiophene,...	11.50	57.2	ng	580161	4	11.08	202705	20.0
Phenanthrene, 1-m...	11.59	70.2	ng	711300	4	11.08	202705	20.0
Phenanthrene, 1,7...	12.06	64.1	ng	649400	4	11.08	202705	20.0
Phenanthrene, 2,5...	12.13	44.1	ng	446535	4	11.08	202705	20.0