LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

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-BF090115.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	4.387	242	245	256	rVB	363995	627259	45.30%	2.470%
2	4.901	287	290	301	rBV	1125084	1161002	83.85%	4.572%
3	6.033	386	389	391	rBV	936862	1239871	89.55%	4.883%
4	6.124	395	397	399	rBV	1341723	1187949	85.80%	4.678%
5	6.353	415	417	420	rBV	339050	322169	23.27%	1.269%
6	6.513	429	431	433	rBV	1036591	893933	64.56%	3.520%
7	6.936	465	468	470	rBV	832290	804365	58.10%	3.168%
8	7.645	528	530	533	rBV	462782	465597	33.63%	1.834%
9	8.273	582	585	587	rBV	48996	45603	3.29%	0.180%
10	8.456	598	601	603	rVV	40741	40368	2.92%	0.159%
11	8.730	623	625	627	rVB	1383299	1183753	85.50%	4.662%
12	8.833	632	634	636	rVV	80058	75413	5.45%	0.297%
13	8.982	645	647	649	rBV	39086	57188	4.13%	0.225%
14	9.050	651	653	655	rVV	59303	80888	5.84%	0.319%
15	9.096	655	657	659	rVV2	59929	82249	5.94%	0.324%
16	9.130	659	660	668	rVB	249902	361655	26.12%	1.424%
17	9.245	668	670	672	rBV	107779	113651	8.21%	0.448%
18	9.302	672	675	676	rVB	33076	39016	2.82%	0.154%
19	9.359	678	680	681	rVV	105183	95658	6.91%	0.377%
20	9.382	681	682	684	rVV	327201	401323	28.99%	1.580%
21	9.416	684	685	688	rVB	101066	94850	6.85%	0.374%
22	9.496	690	692	695	rBV	25712	38325	2.77%	0.151%
23	9.588	698	700	702	rBV2	74773	98177	7.09%	0.387%
24	9.633	702	704	706	rVV	41902	45319	3.27%	0.178%
25	9.713	709	711	716	rBV2	42193	92048	6.65%	0.362%
26	9.793	716	718	721	rBV2	40740	80901	5.84%	0.319%
27	9.850	721	723	725	rVV	109645	101501	7.33%	0.400%
28	9.930	728	730	731	rVB	85632	80301	5.80%	0.316%
29	10.068	738	742	748	rVB3	45059	119715	8.65%	0.471%
30	10.170	748	751	753	rBV	682921	657461	47.49%	2.589%
31	10.319	763	764	767	rVV	116900	175120	12.65%	0.690%
32	10.605	788	789	793	rVV4	36108	61931	4.47%	0.244%
33	10.662	793	794	796	rVB	69624	61706	4.46%	0.243%
34	10.765	800	803	805	rVV2	109178	147283	10.64%	0.580%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.856	808	811	812	rBV	317533	511567	36.95%	2.015%
36	10.879	812	813	815	rVV	973017	692012	49.98%	2.725%
37	10.925	815	817	819	rVV	235088	203801	14.72%	0.803%
38	11.096	828	832	833	rBV2	78104	122415	8.84%	0.482%
39	11.188	838	840	842	rVB	101665	94334	6.81%	0.371%
40	11.256	842	846	848	rVB4	14801	41324	2.98%	0.163%
41	11.348	852	854	855	rBV	112542	115768	8.36%	0.456%
42	11.382	855	857	859	rVB	129024	129832	9.38%	0.511%
43	11.428	859	861	862	rBV	178097	186646	13.48%	0.735%
44	11.462	862	864	868	rVB4	130056	261612	18.90%	1.030%
45	11.542	869	871	874	rBV2	17328	43223	3.12%	0.170%
46	11.588	874	875	879	rVB	39083	56354	4.07%	0.222%
47	11.668	879	882	884	rVB2	112622	189214	13.67%	0.745%
48	11.828	894	896	899	rVB	31776	49834	3.60%	0.196%
49	11.896	899	902	903	rBV2	82458	98236	7.10%	0.387%
50	11.931	903	905	908	rVB3	35229	57257	4.14%	0.225%
51	11.976	908	909	912	rVB2	138974	136998	9.89%	0.540%
52	12.056	913	916	918	rBV	1448531	1384553	100.00%	5.452%
53	12.114	918	921	922	rBV	39492	43336	3.13%	0.171%
54	12.194	926	928	932	rBV2	102277	166385	12.02%	0.655%
55	12.274	932	935	938	rBV2	990613	1221038	88.19%	4.809%
56	12.342	938	941	943	rVB3	57272	120018	8.67%	0.473%
57	12.399	943	946	947	rBV	78320	81018	5.85%	0.319%
58	12.434	947	949	952	rBV	835598	827730	59.78%	3.260%
59	12.502	952	955	956	rBV3	70761	107080	7.73%	0.422%
60	12.605	959	964	966	rVB2	101790	225882	16.31%	0.890%
61	12.674	966	970	971	rBV2	52742	87444	6.32%	0.344%
62	12.708	971	973	975	rBV	118442	158264	11.43%	0.623%
63	12.788	979	980	982	rBV	48255	54045	3.90%	0.213%
64	12.822	982	983	989	rVB2	78369	107181	7.74%	0.422%
65	12.994	995	998	1000	rBV3	49851	96134	6.94%	0.379%
66	13.039	1000	1002	1005	rVB2	28980	41805	3.02%	0.165%
67	13.108	1005	1008	1010	rBV	165019	163663	11.82%	0.645%
68	13.211	1015	1017	1018	rBV	155146	147041	10.62%	0.579%
69	13.257	1018	1021	1022	rBV2	63318	102455	7.40%	0.403%
70	13.314	1025	1026	1028	rVB	151608	121017	8.74%	0.477%
71	13.371	1028	1031	1034	rBV3	103935	174224	12.58%	0.686%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.462	1035	1039	1040	rBV2	664642	1071836	77.41%	4.221%
73	13.497	1040	1042	1044	rVB	406644	572394	41.34%	2.254%
74	13.565	1045	1048	1049	rBV2	76787	75508	5.45%	0.297%
75	13.611	1049	1052	1053	rBV3	32903	54708	3.95%	0.215%
76	13.805	1068	1069	1071	rVV2	39123	69350	5.01%	0.273%
77	13.851	1071	1073	1074	rVV	111876	130464	9.42%	0.514%
78	13.885	1074	1076	1078	rVV2	53944	78718	5.69%	0.310%
79	13.942	1078	1081	1082	rVV2	38680	66091	4.77%	0.260%
80	13.988	1082	1085	1089	rVV5	59791	146021	10.55%	0.575%
81	14.148	1097	1099	1102	rBV2	46242	103552	7.48%	0.408%
82	14.262	1107	1109	1111	rBV3	25323	49905	3.60%	0.197%
83	14.308	1111	1113	1117	rVB3	38388	87790	6.34%	0.346%
84	14.457	1123	1126	1130	rBV	506671	944725	68.23%	3.720%
85	14.537	1130	1133	1134	rVB2	78095	88041	6.36%	0.347%
86	14.685	1144	1146	1148	rVV	252537	302207	21.83%	1.190%
87	14.731	1148	1150	1152	rVV	433081	412282	29.78%	1.624%
88	14.777	1152	1154	1164	rVB2	216191	420443	30.37%	1.656%
89	15.165	1186	1188	1191	rVB2	34079	52920	3.82%	0.208%
90	15.542	1218	1221	1223	rBV2	19806	46933	3.39%	0.185%
91	15.600	1223	1226	1233	rVB7	43837	150853	10.90%	0.594%
92	15.737	1234	1238	1243	rVB5	30009	110331	7.97%	0.434%
93	15.851	1245	1248	1251	rVB	156991	229559	16.58%	0.904%
94	15.977	1257	1259	1261	rBV	26011	49985	3.61%	0.197%
95	16.022	1261	1263	1265	rVV	36843	63367	4.58%	0.250%
96	16.068	1265	1267	1271	rVB4	26812	51544	3.72%	0.203%
97	16.171	1273	1276	1283	rVB	111969	203427	14.69%	0.801%
98	16.343	1289	1291	1297	rVV2	28492	71893	5.19%	0.283%
99	17.783	1412	1417	1421	rVB	24759	74176	5.36%	0.292%
100	18.651	1489	1493	1500	rVV4	15391	59844	4.32%	0.236%

Sum of corrected areas: 25393155

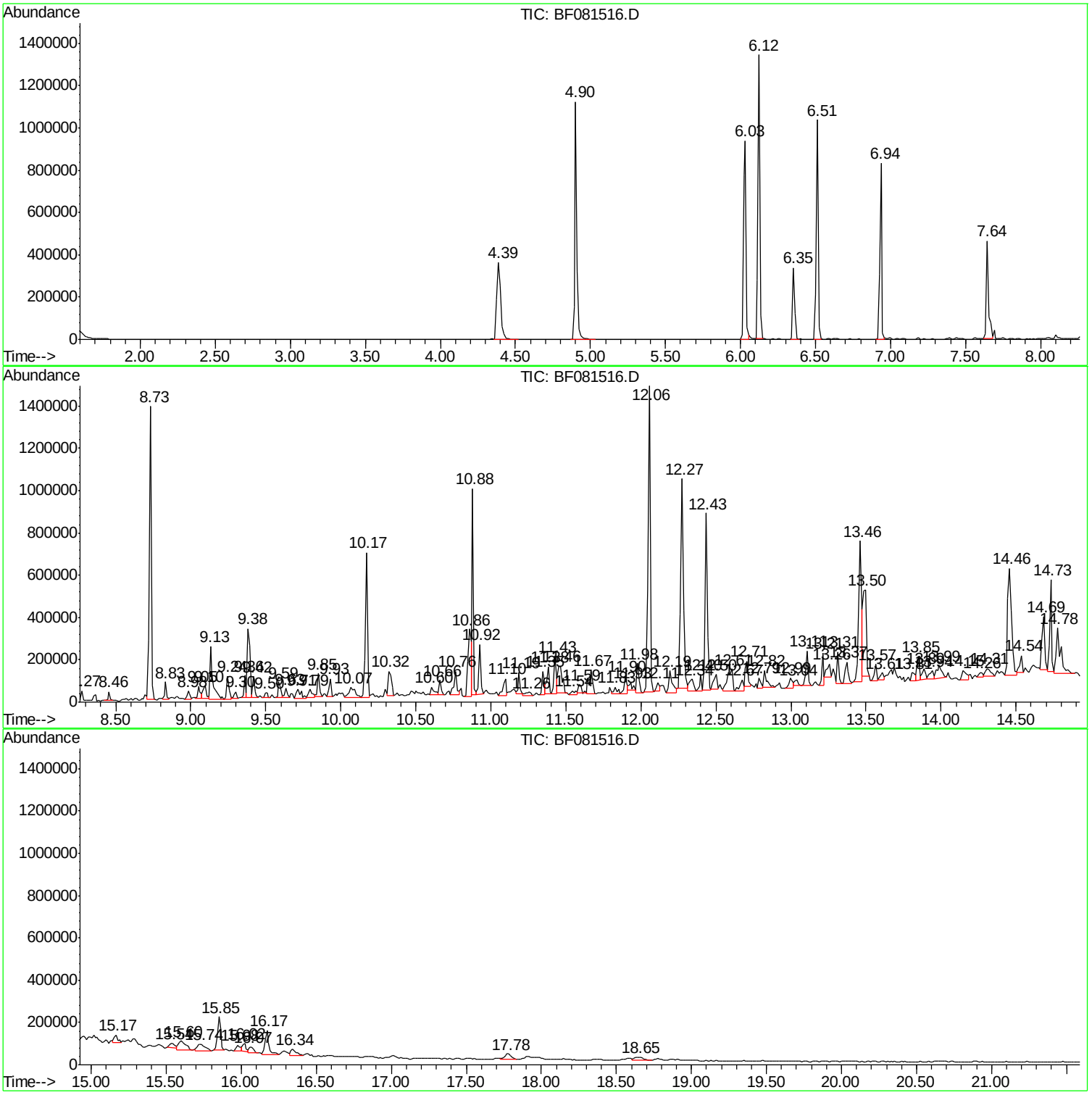
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

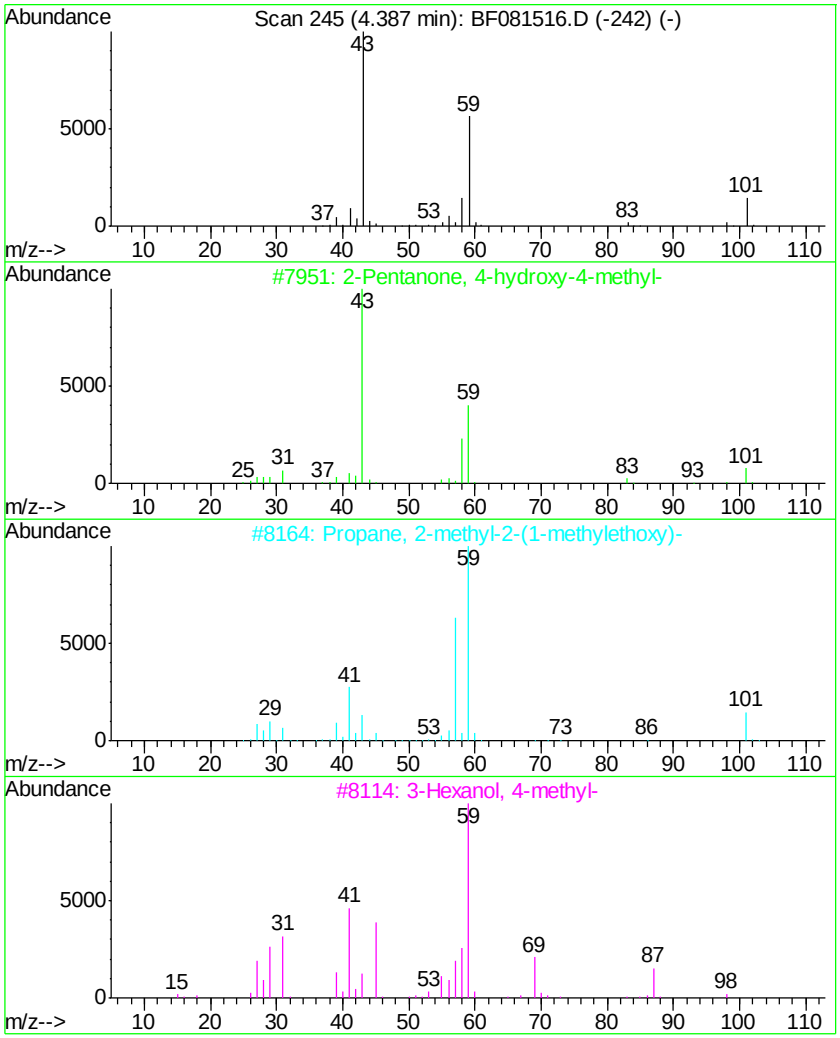
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

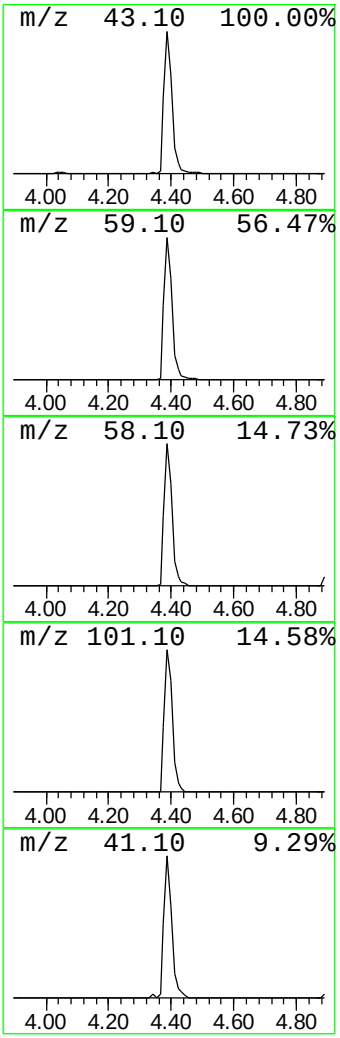
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	38.94 ng	627259	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

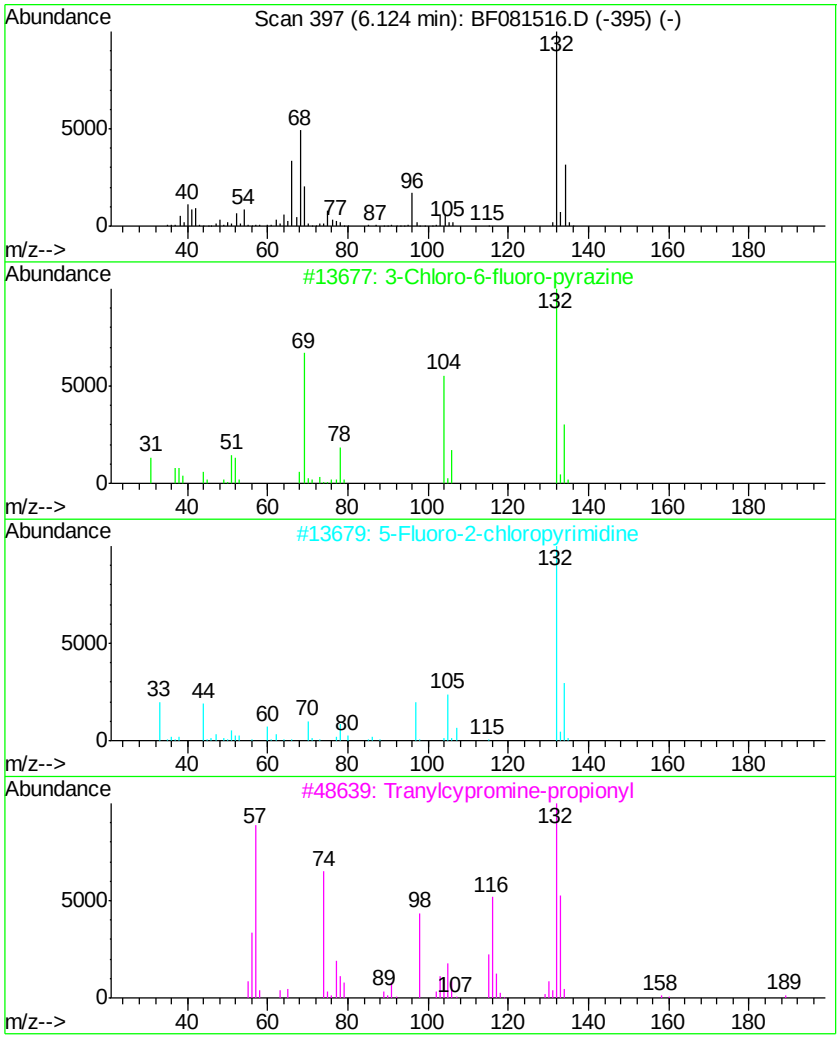
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

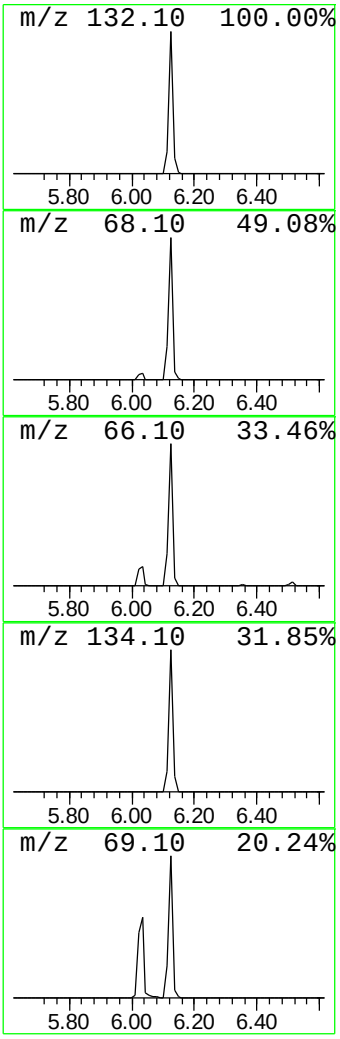
****

Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	73.75 ng	1187950	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

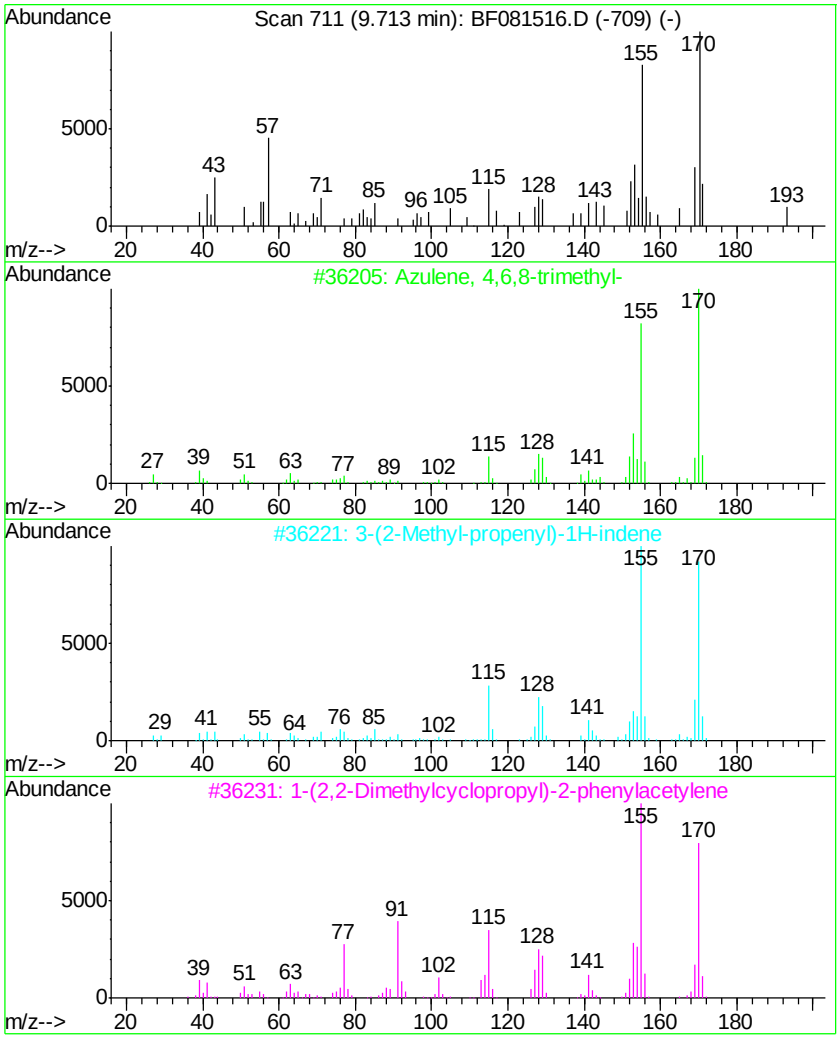
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

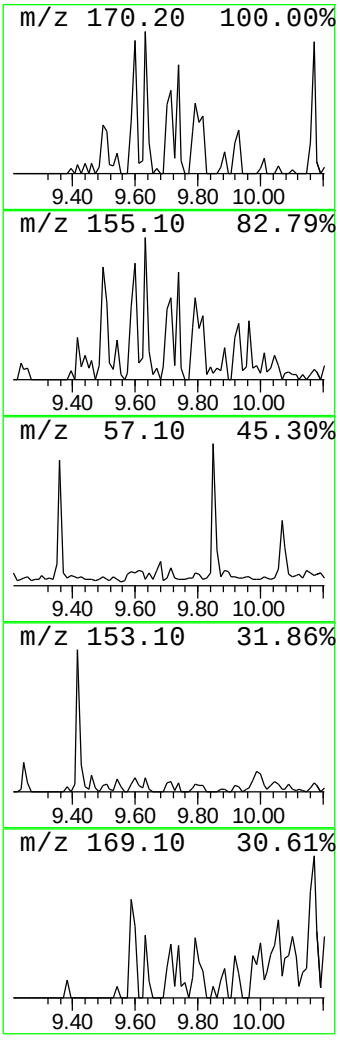
****

Peak Number 4 Azulene, 4,6,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.59 ng	92048	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

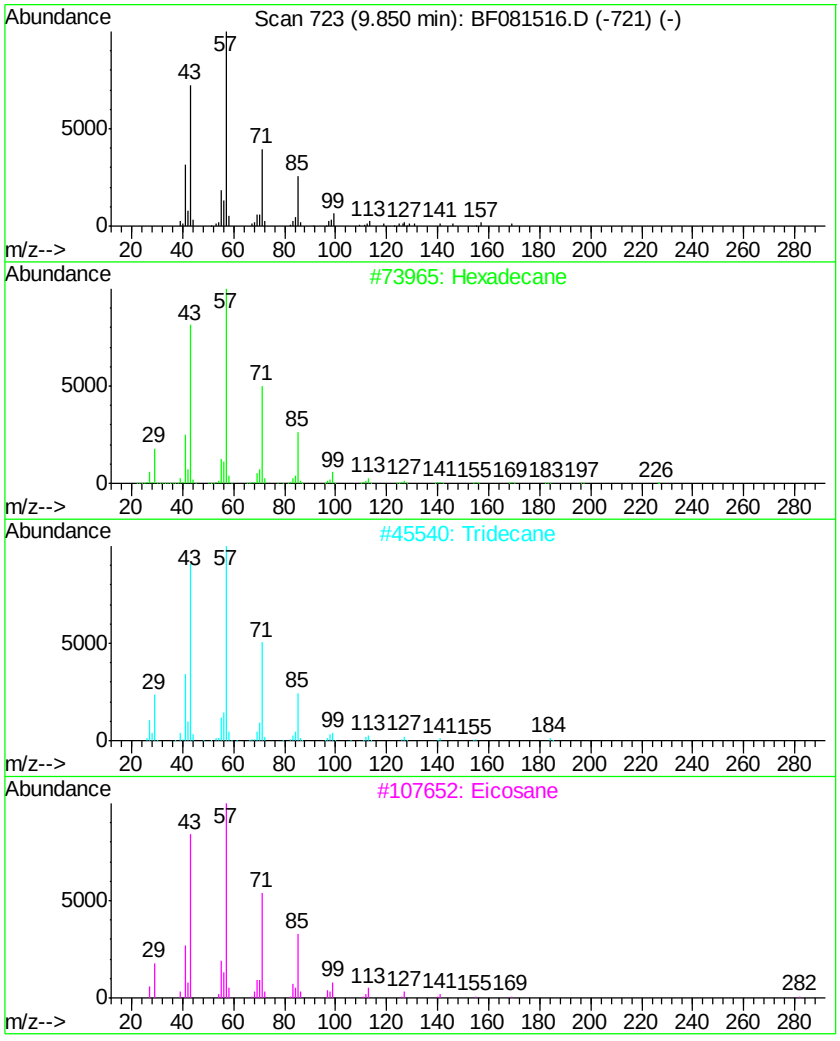
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

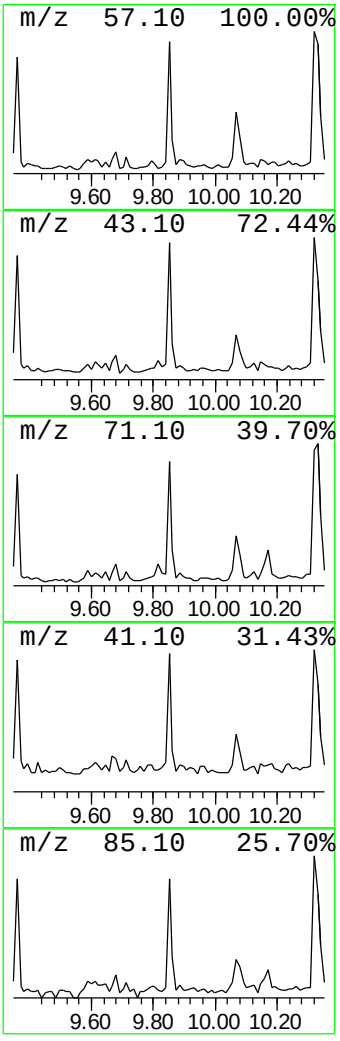
****

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.06 ng	101501	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Eicosane	282	C20H42	000112-95-8	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Octadecane	254	C18H38	000593-45-3	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

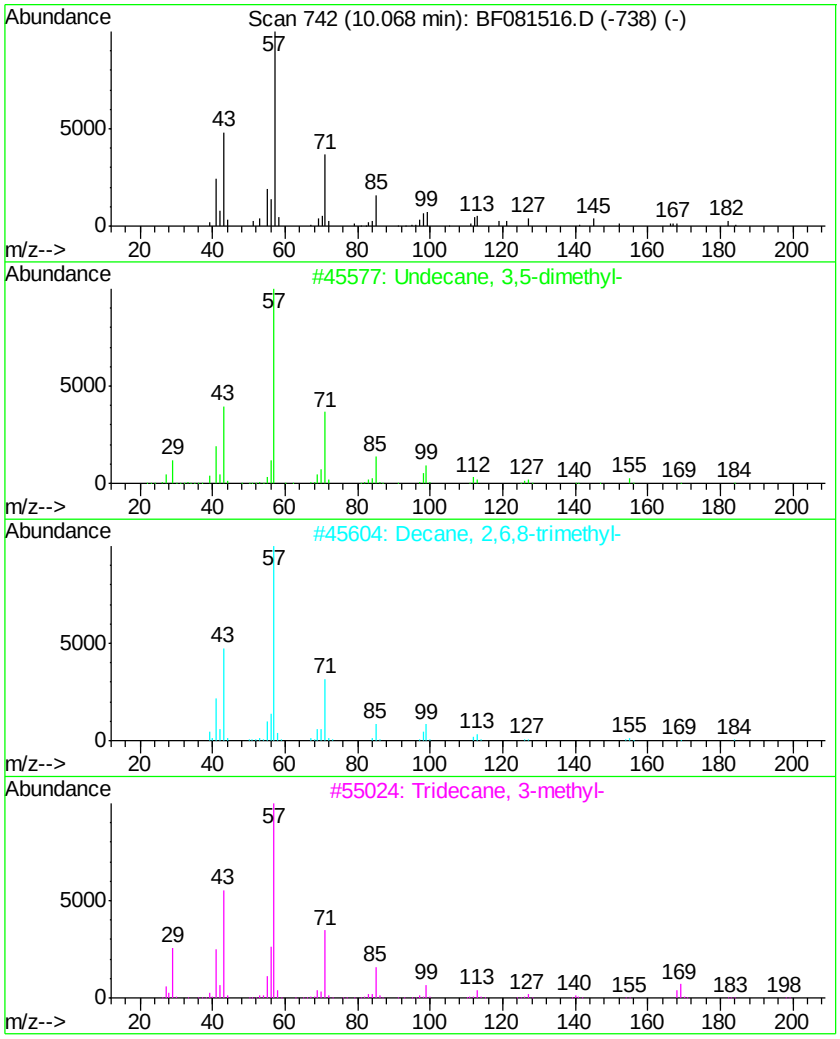
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

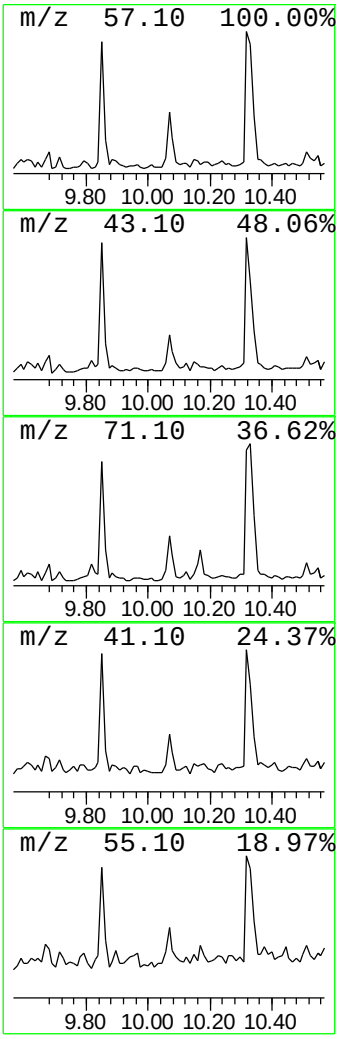
****

Peak Number 6 Undecane, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	5.97 ng	119715	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	74
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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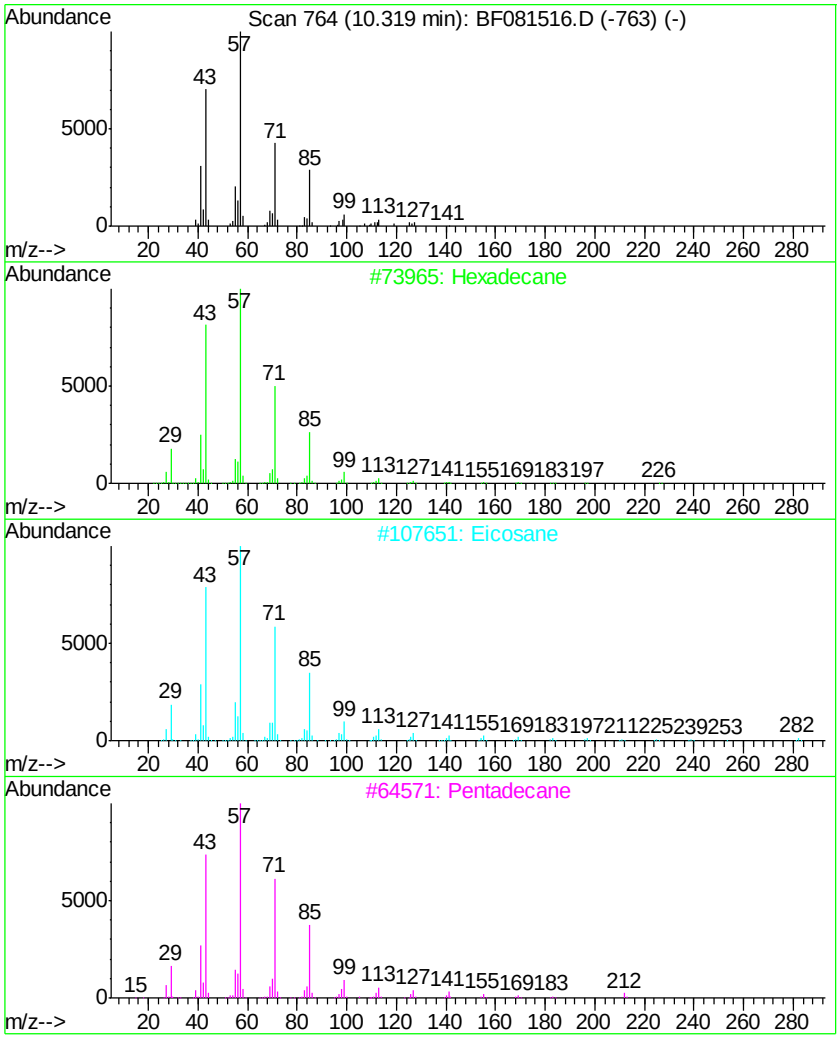
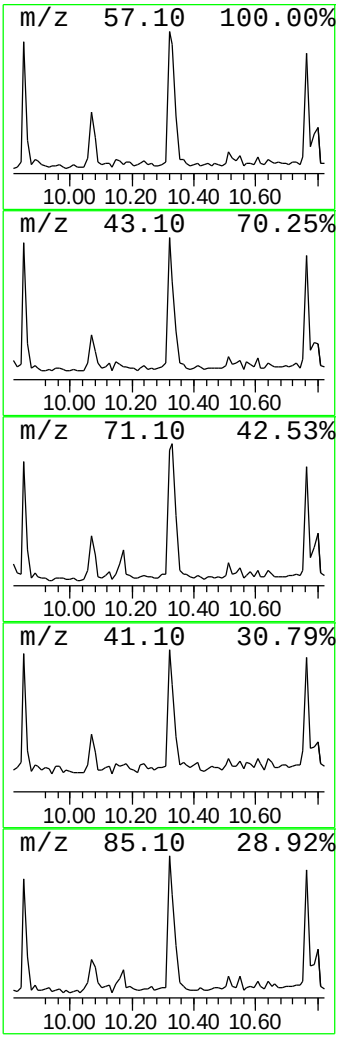
Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.85 ng	175120	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Library Search Compound Report

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Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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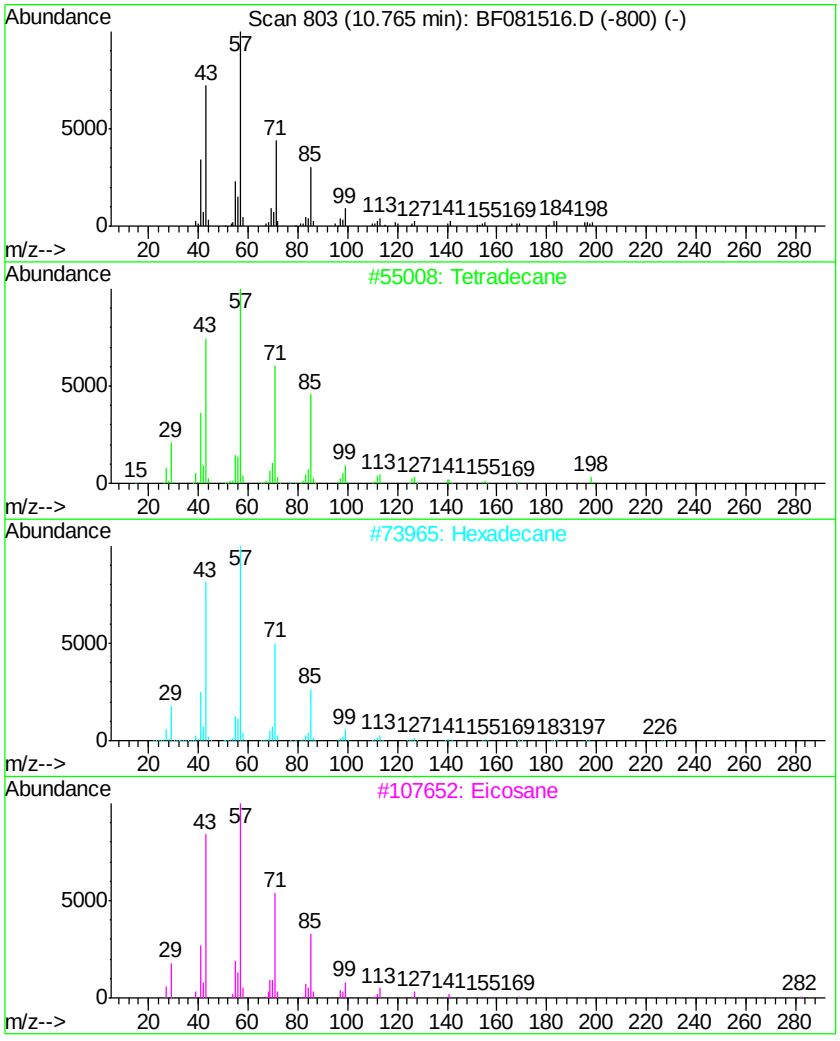
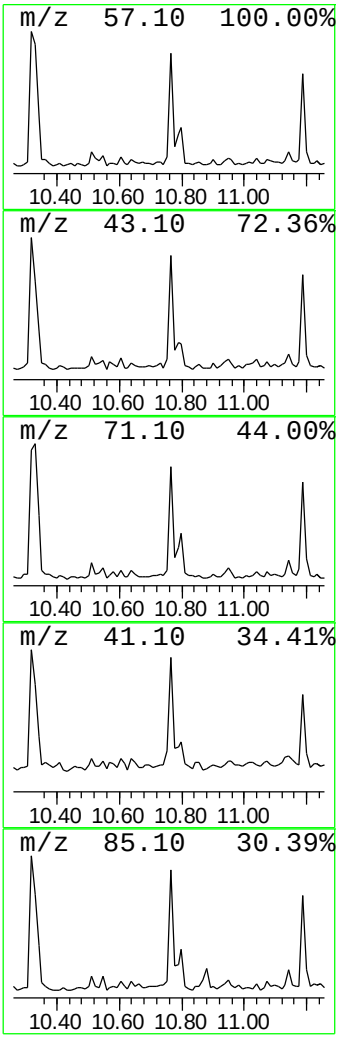
Peak Number 8 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	5.76 ng	147283	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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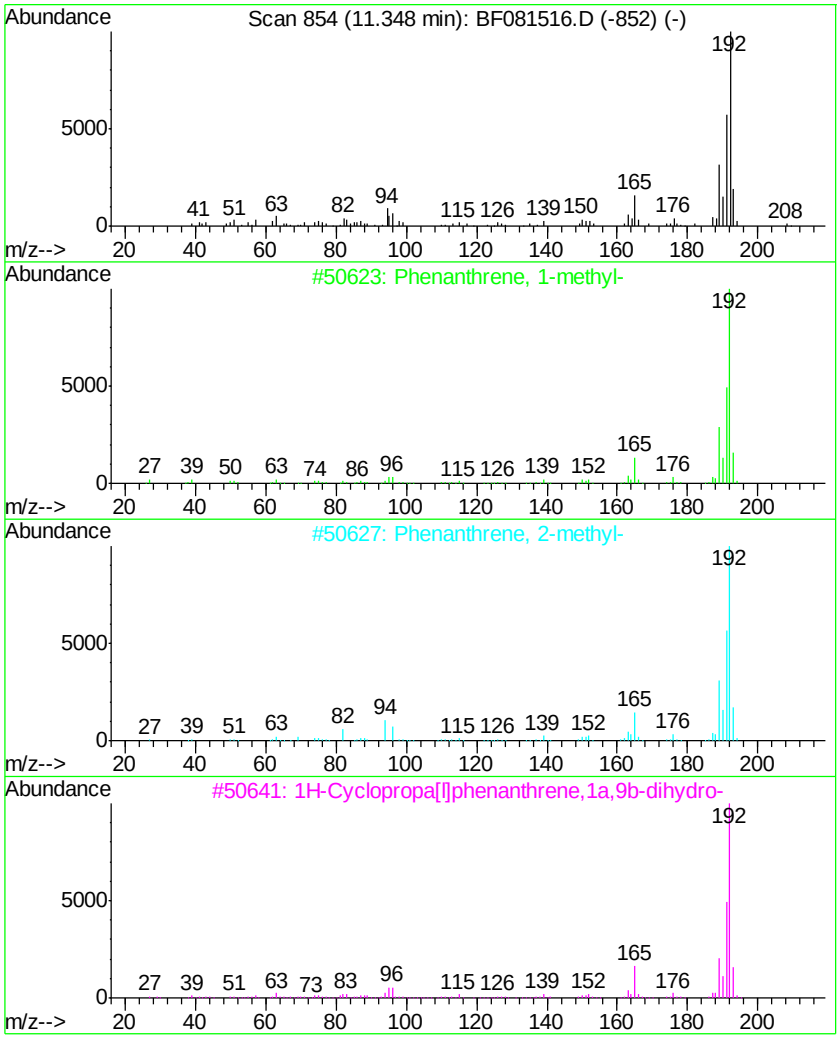
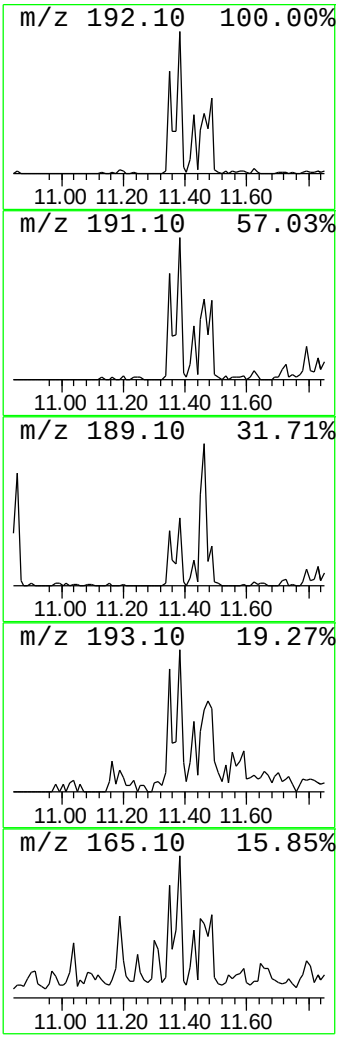
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	4.53 ng	115768	Phenanthrene-d10	10.86

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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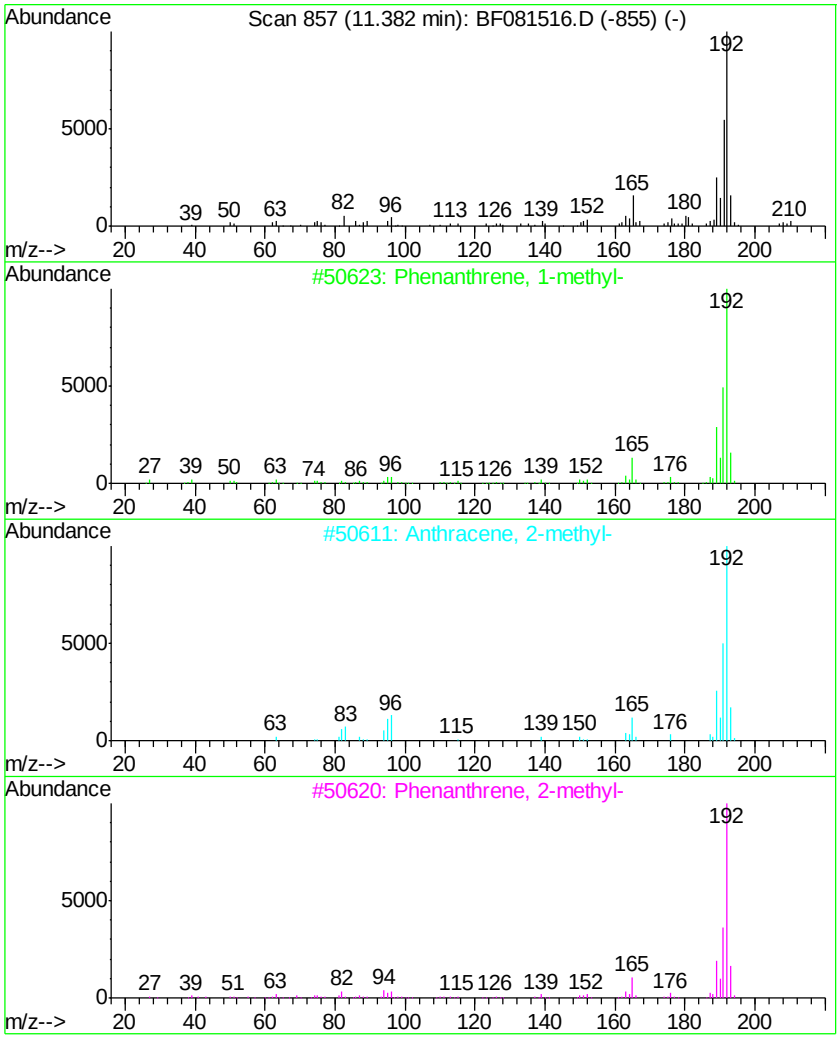
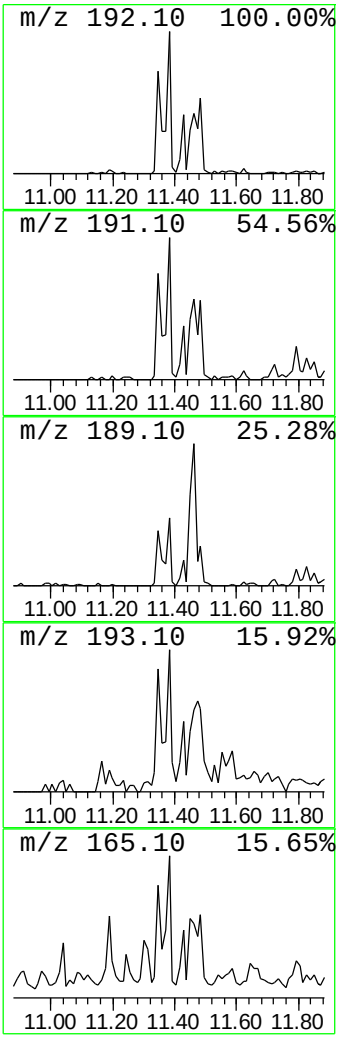
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	5.08 ng	129832	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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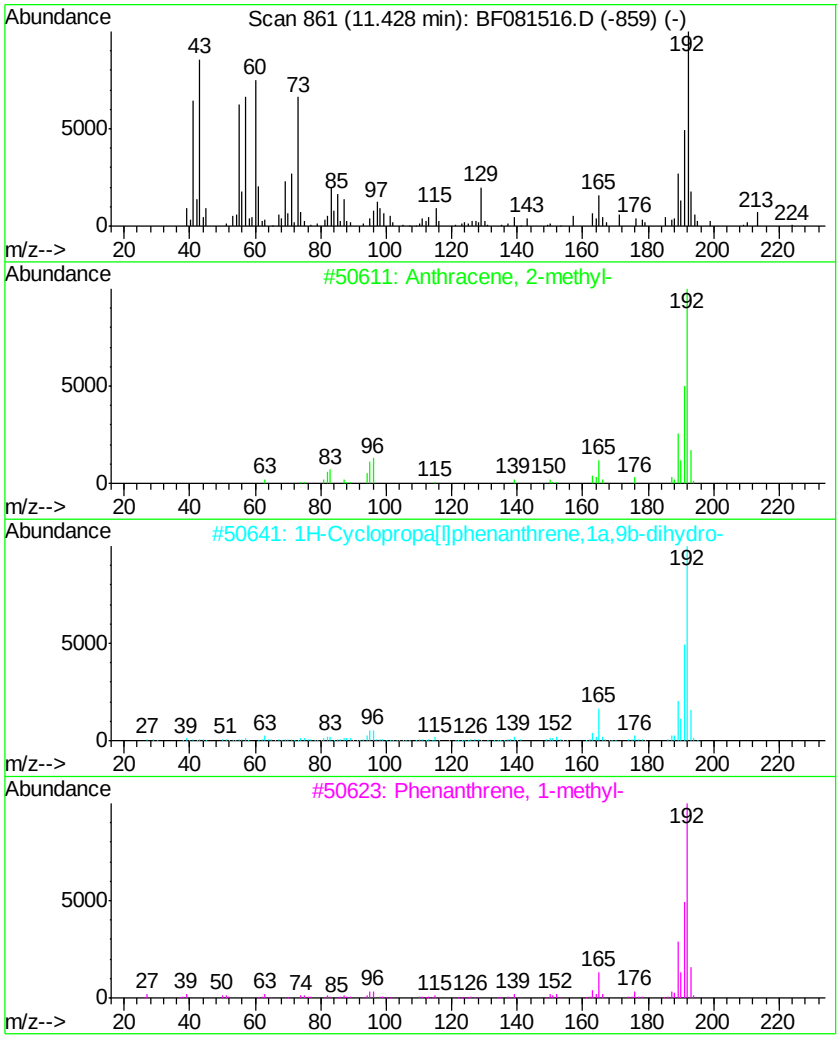
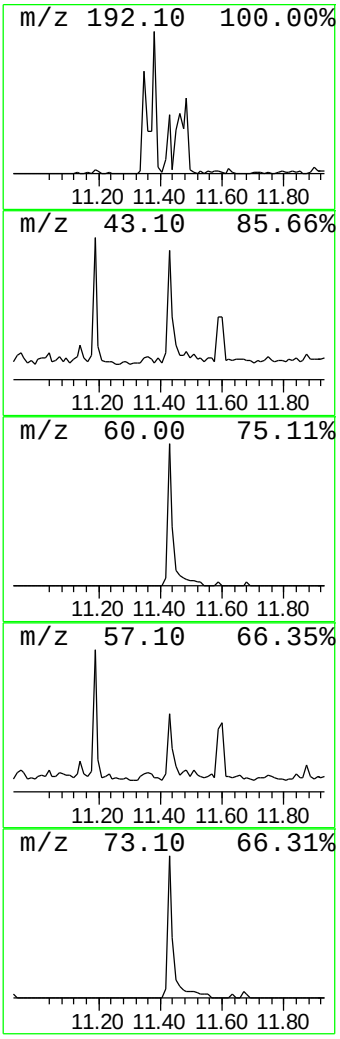
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	7.30 ng	186646	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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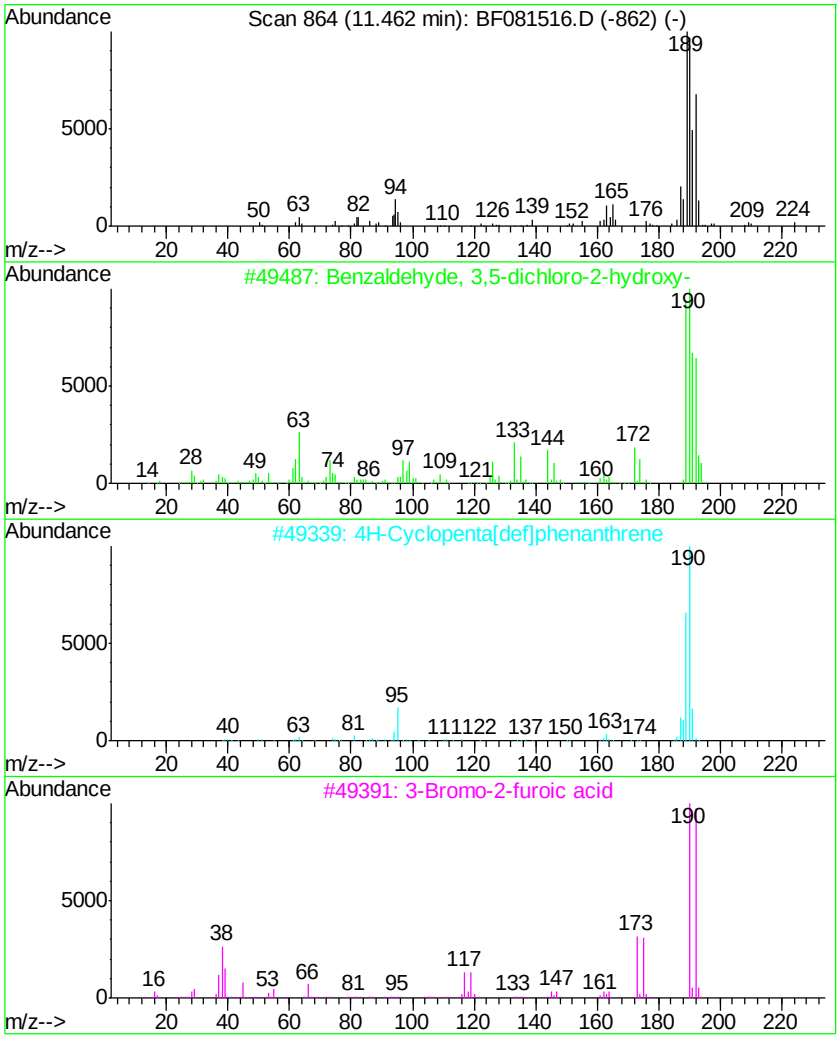
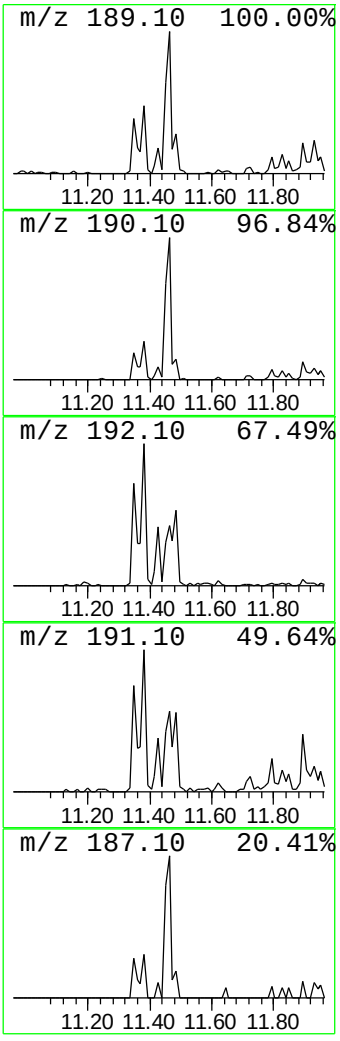
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	10.23 ng	261612	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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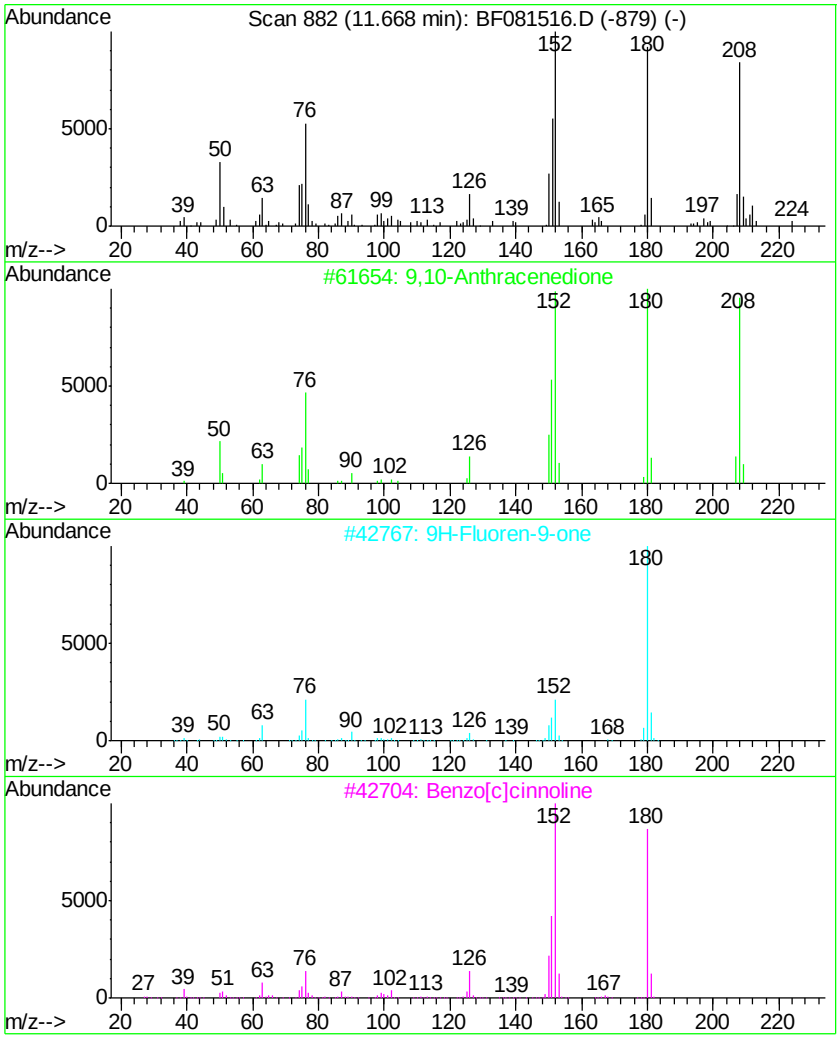
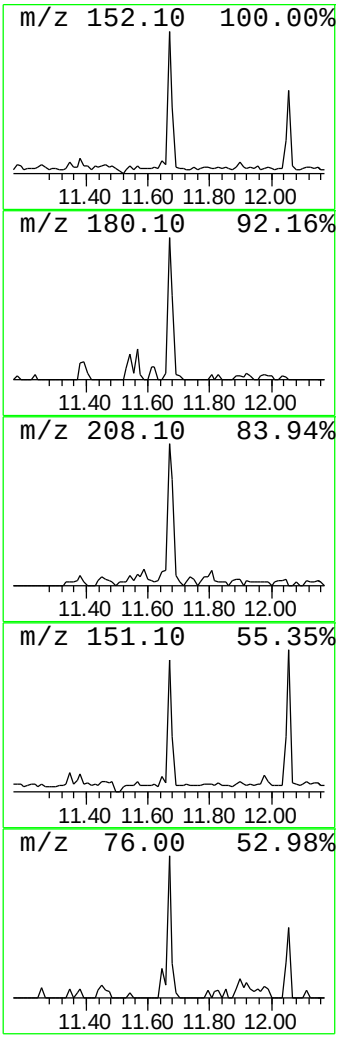
Peak Number 13 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	7.40 ng	189214	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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Instrument : BNA_F
ClientSampleId : DUP001

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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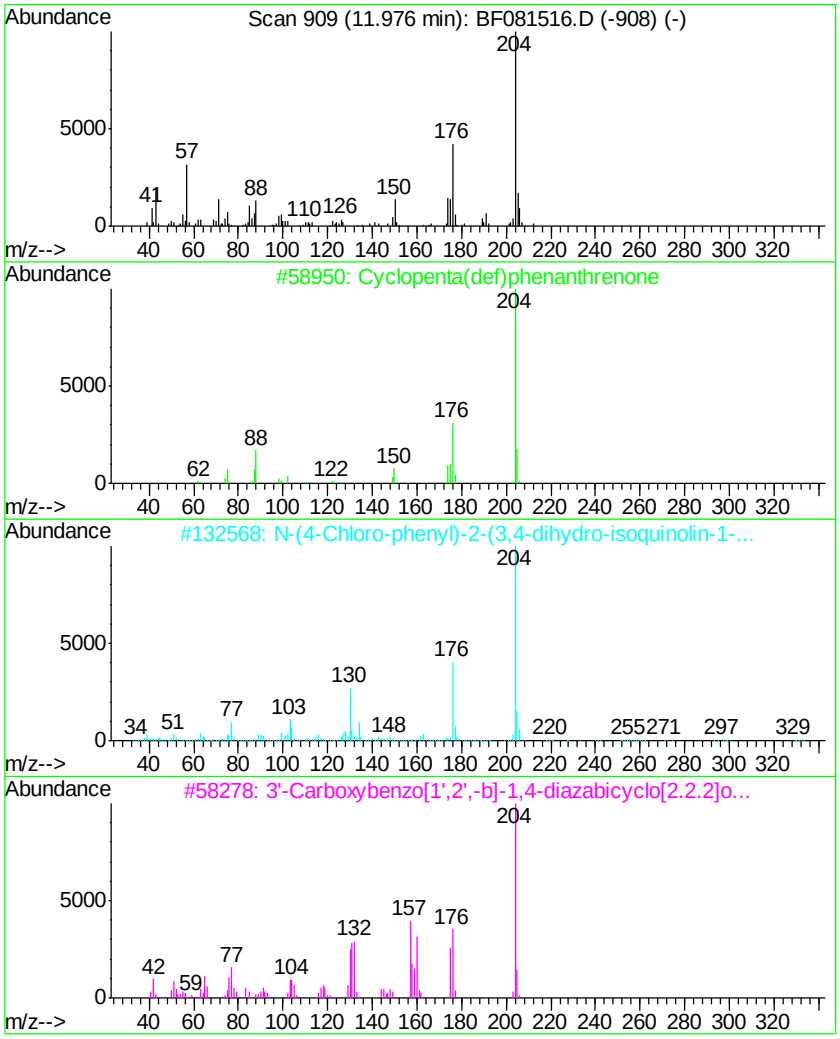
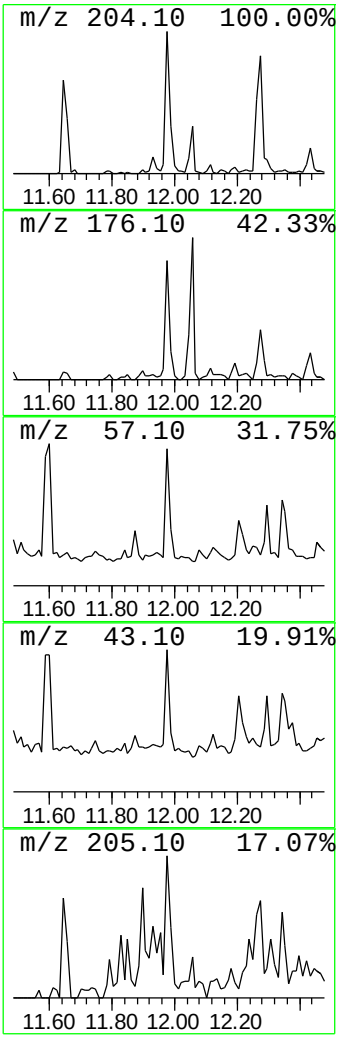
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.36 ng	136998	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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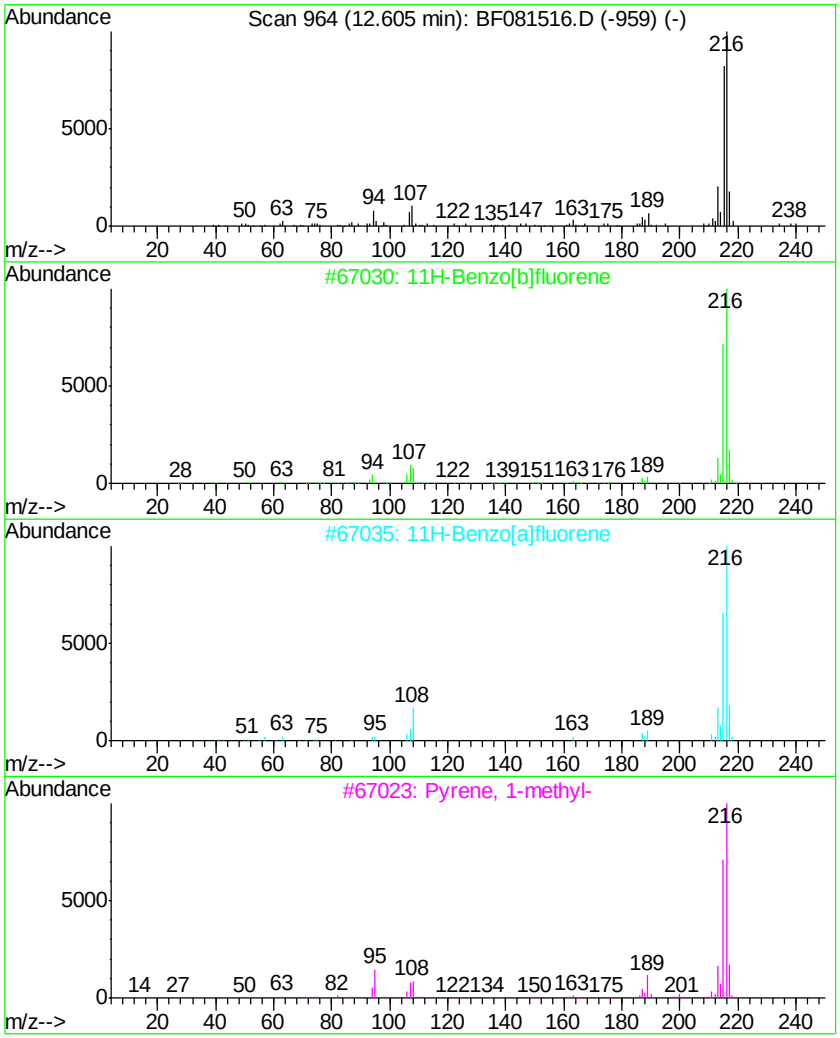
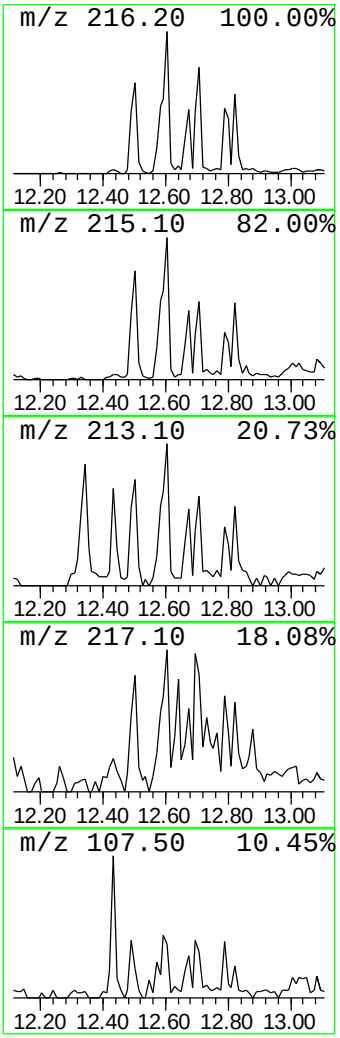
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.21 ng	225882	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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

TIC Library : C:\DATABASE\NIST02.L
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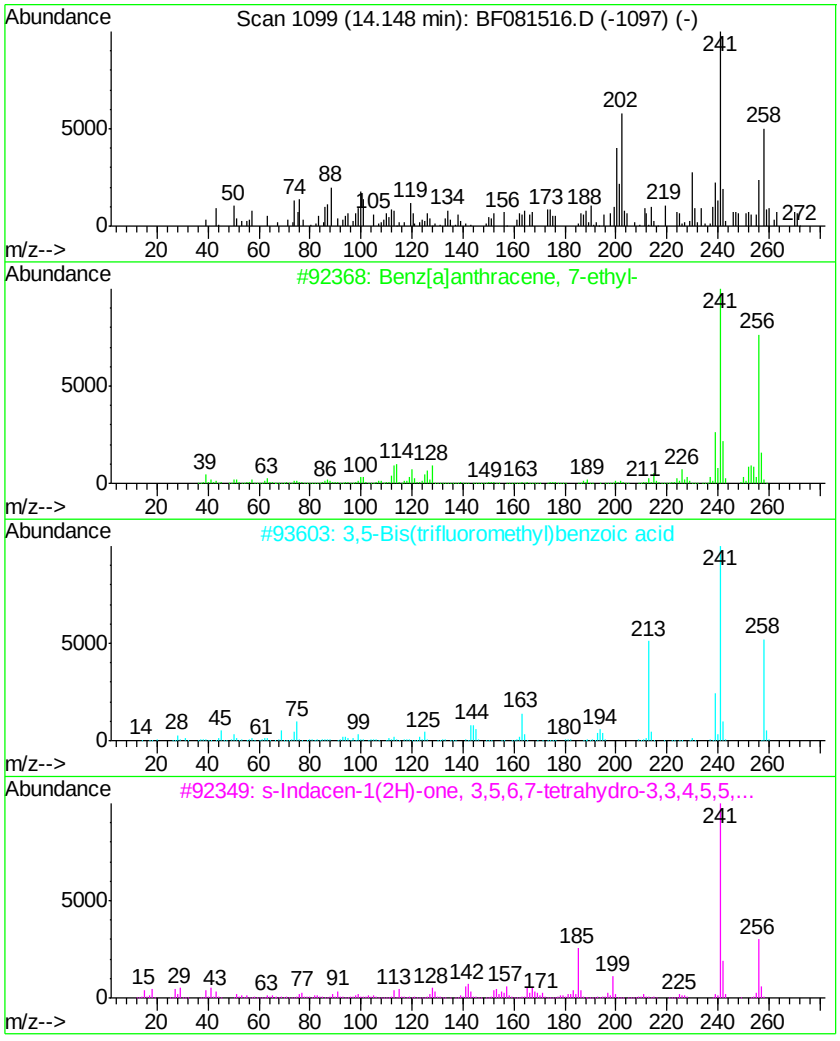
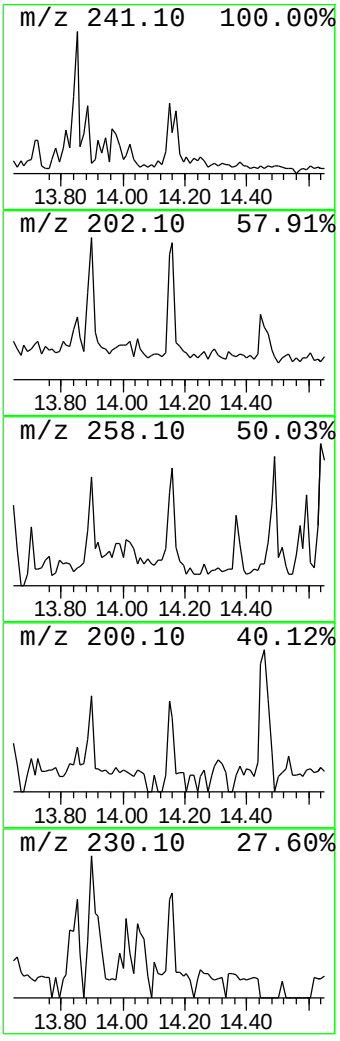
Peak Number 16 unknown14.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	4.93 ng	103552	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	38
2	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	38
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	27
4	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	27
5	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	27





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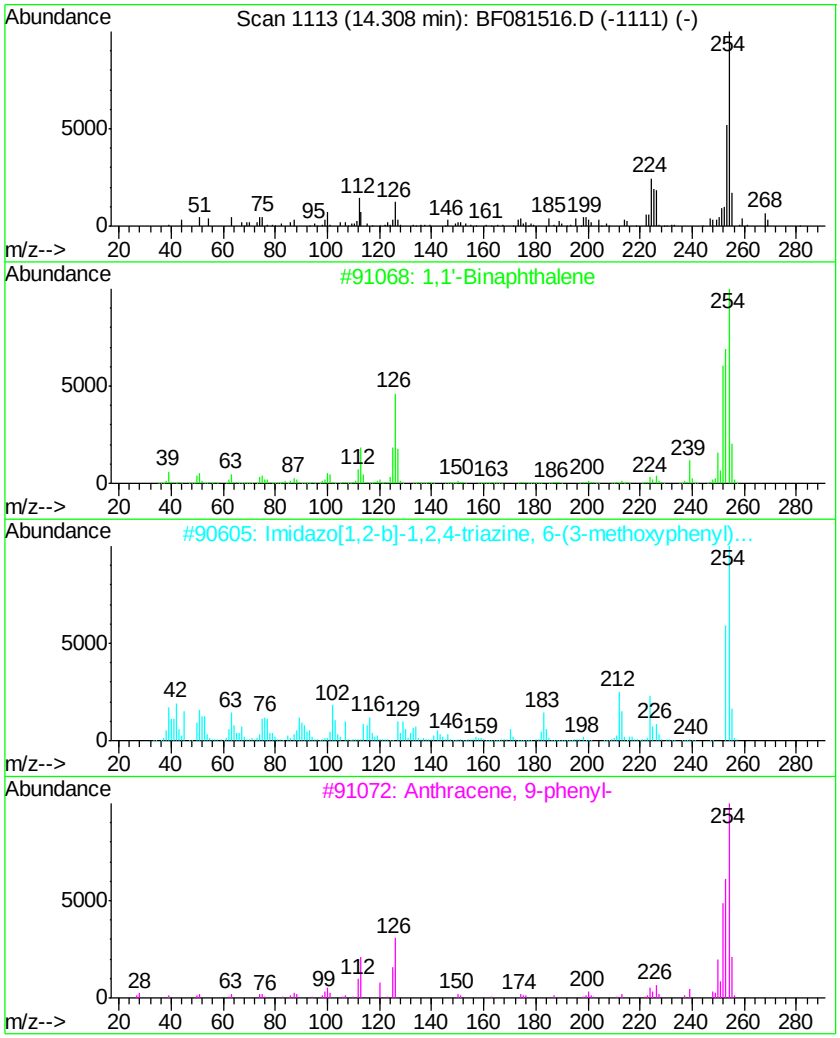
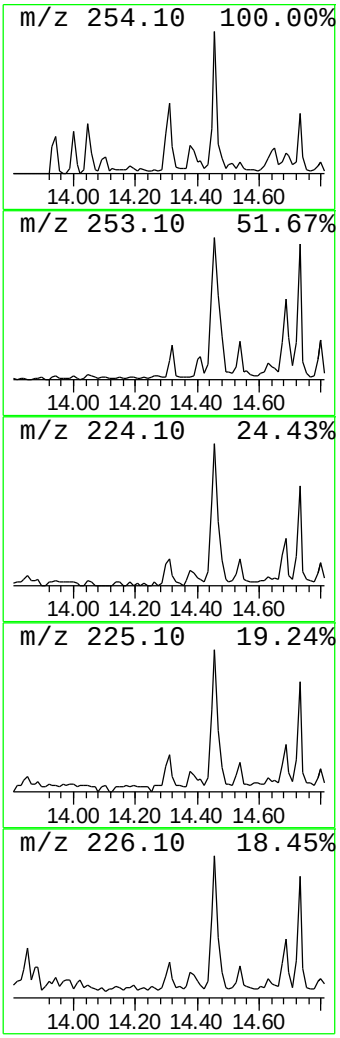
Peak Number 17 1,1'-Binaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.18 ng	87790	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	53
2	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	53
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	50
5	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	49





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Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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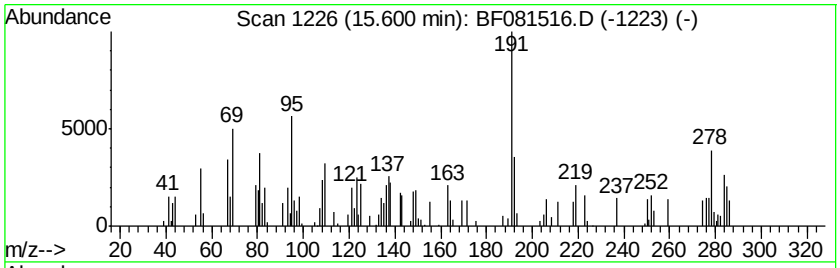
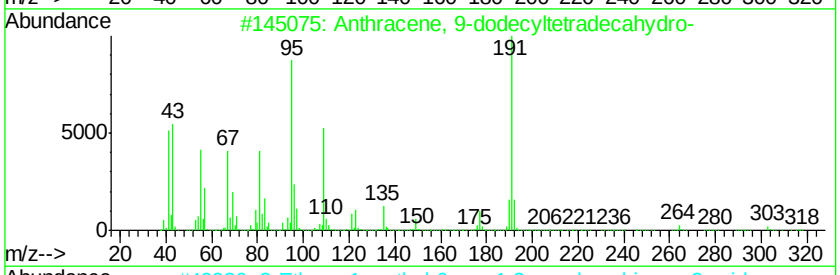
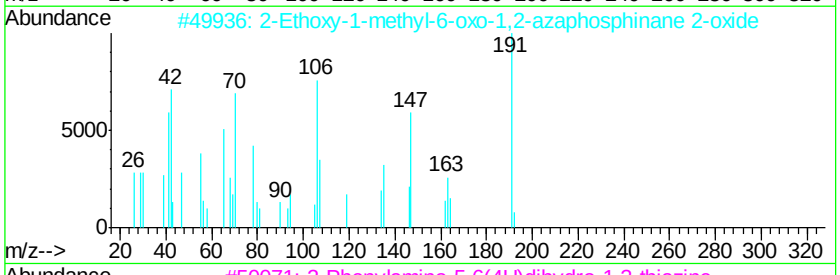
Peak Number 19 unknown15.60 Concentration Rank 7

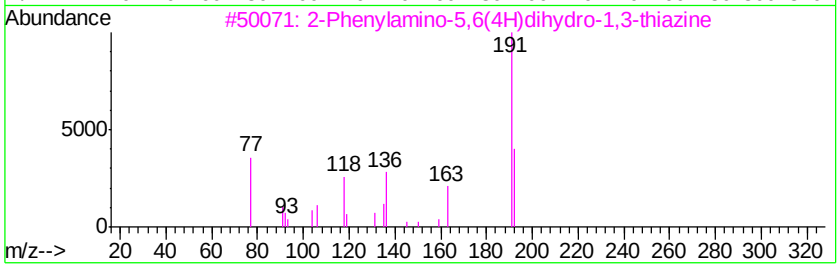
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.18 ng	150853	Perylene-d12	14.78

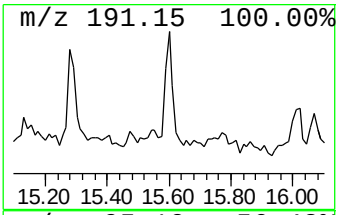
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
2	2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14NO3P	093989-00-5	35
3	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	30
4	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	25
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	25

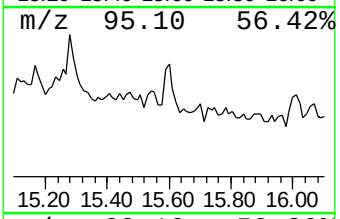


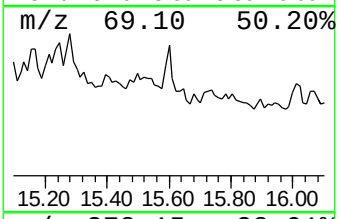


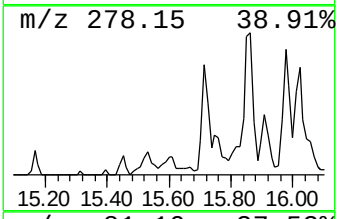


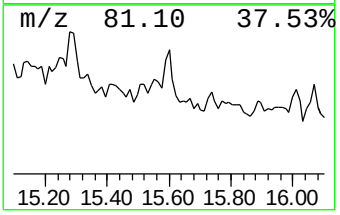












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081516.D
Acq On : 6 Sep 2015 18:24
Operator : UM/IZ
Sample : G3472-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.39	38.9	ng	627259	1	6.35	322169	20.0
unknown6.12	6.12	73.8	ng	1187950	1	6.35	322169	20.0
Azulene, 4,6,8-tr...	9.71	4.6	ng	92048	3	9.38	401323	20.0
Hexadecane	9.85	5.1	ng	101501	3	9.38	401323	20.0
Undecane, 3,5-dim...	10.07	6.0	ng	119715	3	9.38	401323	20.0
Eicosane	10.32	6.8	ng	175120	4	10.86	511567	20.0
Tetradecane	10.76	5.8	ng	147283	4	10.86	511567	20.0
Phenanthrene, 1-m...	11.35	4.5	ng	115768	4	10.86	511567	20.0
Anthracene, 2-met...	11.38	5.1	ng	129832	4	10.86	511567	20.0
1H-Cyclopropa[l]p...	11.43	7.3	ng	186646	4	10.86	511567	20.0
Benzaldehyde, 3,5...	11.46	10.2	ng	261612	4	10.86	511567	20.0
9,10-Anthracenedione	11.67	7.4	ng	189214	4	10.86	511567	20.0
Cyclopenta(def)ph...	11.98	5.4	ng	136998	4	10.86	511567	20.0
11H-Benzo[b]fluorene	12.61	4.2	ng	225882	5	13.46	1071840	20.0
unknown14.15	14.15	4.9	ng	103552	6	14.78	420443	20.0
1,1'-Binaphthalene	14.31	4.2	ng	87790	6	14.78	420443	20.0
unknown15.60	15.60	7.2	ng	150853	6	14.78	420443	20.0