LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-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-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	253	rVB	557828	1067764	8.55%	0.817%
2	4.890	287	289	292	rBV	1307299	1845983	14.78%	1.413%
3	6.021	385	388	390	rVV	1736470	1906021	15.26%	1.459%
4	6.113	394	396	398	rBV	1685698	1649785	13.21%	1.263%
5	6.170	398	401	403	rVB	350782	310099	2.48%	0.237%
6	6.342	415	416	419	rVV	280157	320529	2.57%	0.245%
7	6.387	419	420	423	rVB2	163059	251921	2.02%	0.193%
8	6.502	428	430	431	rBV	1413032	1285813	10.29%	0.984%
9	6.616	437	440	441	rBV3	229350	267954	2.14%	0.205%
10	6.684	445	446	448	rVV	265280	223925	1.79%	0.171%
11	6.924	462	467	471	rBV2	1041116	1375707	11.01%	1.053%
12	7.164	487	488	490	rVB	298609	261953	2.10%	0.201%
13	7.279	496	498	500	rBV2	139039	256074	2.05%	0.196%
14	7.313	500	501	503	rVB	192514	202133	1.62%	0.155%
15	7.393	506	508	509	rVV	410435	519608	4.16%	0.398%
16	7.427	509	511	513	rVB	400458	411896	3.30%	0.315%
17	7.473	513	515	519	rVB3	161972	212529	1.70%	0.163%
18	7.679	524	533	535	rBV	4661771	7826209	62.64%	5.990%
19	7.736	537	538	541	rVB2	580913	518641	4.15%	0.397%
20	7.850	543	548	551	rBV5	79828	224584	1.80%	0.172%
21	7.953	552	557	558	rBV2	219859	389651	3.12%	0.298%
22	8.102	567	570	572	rBV2	511811	743649	5.95%	0.569%
23	8.307	584	588	590	rVB5	157230	405685	3.25%	0.311%
24	8.353	590	592	594	rVB2	1370469	1516554	12.14%	1.161%
25	8.456	598	601	603	rBV	2750415	3457101	27.67%	2.646%
26	8.559	606	610	612	rBV2	373395	622907	4.99%	0.477%
27	8.696	618	622	623	rBV	806528	1064509	8.52%	0.815%
28	8.719	623	624	627	rVB	1251422	1289260	10.32%	0.987%
29	8.822	630	633	636	rBV	2052195	2438347	19.52%	1.866%
30	8.913	639	641	644	rVB	1182121	1458932	11.68%	1.117%
31	8.982	644	647	649	rBV	935877	1343516	10.75%	1.028%
32	9.050	651	653	658	rVV	1253329	2212805	17.71%	1.694%
33	9.153	658	662	668	rVB3	937931	2293884	18.36%	1.756%
34	9.245	668	670	672	rVB	1198681	1208799	9.68%	0.925%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.439	678	687	690	rBV	5420560	10837915	86.75%	8.296%
36	9.496	690	692	694	rBV	458847	618938	4.95%	0.474%
37	9.588	698	700	701	rBV	836760	954832	7.64%	0.731%
38	9.633	702	704	705	rVV	326273	390580	3.13%	0.299%
39	9.668	705	707	709	rVV2	377688	563787	4.51%	0.432%
40	9.702	709	710	711	rVV	367323	300599	2.41%	0.230%
41	9.736	711	713	716	rVB3	222537	305709	2.45%	0.234%
42	9.793	716	718	720	rBV	477218	582002	4.66%	0.445%
43	9.828	720	721	723	rVB	530257	577514	4.62%	0.442%
44	9.896	723	727	728	rBV2	725345	1013996	8.12%	0.776%
45	9.942	728	731	733	rVV	2896284	4093027	32.76%	3.133%
46	10.010	736	737	738	rVV	439590	382575	3.06%	0.293%
47	10.033	738	739	740	rVV	508331	581594	4.66%	0.445%
48	10.068	740	742	744	rVV	1354206	1786006	14.30%	1.367%
49	10.170	747	751	753	rVB2	1518341	2349658	18.81%	1.798%
50	10.205	753	754	756	rBV2	171464	305445	2.44%	0.234%
51	10.296	760	762	763	rBV	269016	278221	2.23%	0.213%
52	10.331	763	765	767	rVV	1283281	1755315	14.05%	1.344%
53	10.365	767	768	770	rVB2	144516	197521	1.58%	0.151%
54	10.468	775	777	779	rVV2	515661	955629	7.65%	0.731%
55	10.513	779	781	783	rVV2	433899	826874	6.62%	0.633%
56	10.548	783	784	786	rVB	647909	553151	4.43%	0.423%
57	10.616	788	790	791	rVV2	163590	220084	1.76%	0.168%
58	10.651	791	793	796	rVV4	228864	472734	3.78%	0.362%
59	10.742	799	801	803	rVV	728110	985848	7.89%	0.755%
60	10.799	803	806	809	rVB	1285164	1491893	11.94%	1.142%
61	10.913	809	816	817	rBV	5300834	12492951	100.00%	9.562%
62	10.948	817	819	820	rVV	2788238	2658177	21.28%	2.035%
63	11.153	834	837	838	rVB2	468843	677526	5.42%	0.519%
64	11.359	852	855	856	rBV	815631	1267429	10.15%	0.970%
65	11.382	856	857	859	rVB	1226456	911428	7.30%	0.698%
66	11.428	859	861	862	rBV	487156	516758	4.14%	0.396%
67	11.462	862	864	870	rVB2	1658623	2797133	22.39%	2.141%
68	11.645	878	880	885	rVB	1086334	1393366	11.15%	1.067%
69	11.896	898	902	903	rVV2	411656	697529	5.58%	0.534%
70	11.931	903	905	909	rVV2	686057	1057207	8.46%	0.809%
71	12.068	913	917	919	rVV	3310247	4750936	38.03%	3.636%

LSC Area Percent Report

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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.148	922	924	926	rVV	1315680	1257707	10.07%	0.963%
73	12.194	926	928	929	rVV	188139	210151	1.68%	0.161%
74	12.296	932	937	939	rVV	3690412	6150584	49.23%	4.708%
75	12.434	947	949	950	rVV	1065654	1014052	8.12%	0.776%
76	12.491	952	954	957	rVB	193766	265547	2.13%	0.203%
77	12.605	959	964	966	rVB	679995	1058920	8.48%	0.811%
78	12.674	968	970	971	rBV	422096	570958	4.57%	0.437%
79	12.696	971	972	974	rVV	265537	364432	2.92%	0.279%
80	12.765	977	978	982	rVV3	290454	739014	5.92%	0.566%
81	12.822	982	983	987	rVB	455244	437361	3.50%	0.335%
82	12.891	987	989	994	rVB5	87783	197348	1.58%	0.151%
83	13.199	1014	1016	1017	rBV2	130529	197074	1.58%	0.151%
84	13.257	1017	1021	1022	rVB2	489271	727358	5.82%	0.557%
85	13.348	1027	1029	1035	rVB2	126724	282276	2.26%	0.216%
86	13.451	1035	1038	1040	rBV2	1894657	2862119	22.91%	2.191%
87	13.485	1040	1041	1044	rVB	1032974	1317340	10.54%	1.008%
88	13.839	1070	1072	1074	rVV	304591	368683	2.95%	0.282%
89	13.931	1076	1080	1081	rVV	261197	327563	2.62%	0.251%
90	13.988	1081	1085	1088	rVV3	287152	690394	5.53%	0.528%
91	14.445	1122	1125	1129	rBV	1015921	2008269	16.08%	1.537%
92	14.525	1130	1132	1138	rVB	428013	499132	4.00%	0.382%
93	14.674	1142	1145	1147	rBV	784919	814446	6.52%	0.623%
94	14.731	1147	1150	1151	rBV	1428406	1674338	13.40%	1.282%
95	15.177	1183	1189	1192	rVV3	182260	382137	3.06%	0.292%
96	15.714	1231	1236	1238	rBV2	84359	211210	1.69%	0.162%
97	15.840	1243	1247	1250	rBV	439281	754894	6.04%	0.578%
98	16.160	1270	1275	1278	rBV	389982	720518	5.77%	0.552%
99	16.320	1286	1289	1294	rVB	192909	360594	2.89%	0.276%
100	18.606	1485	1489	1496	rVB2	63618	195742	1.57%	0.150%

Sum of corrected areas: 130646775

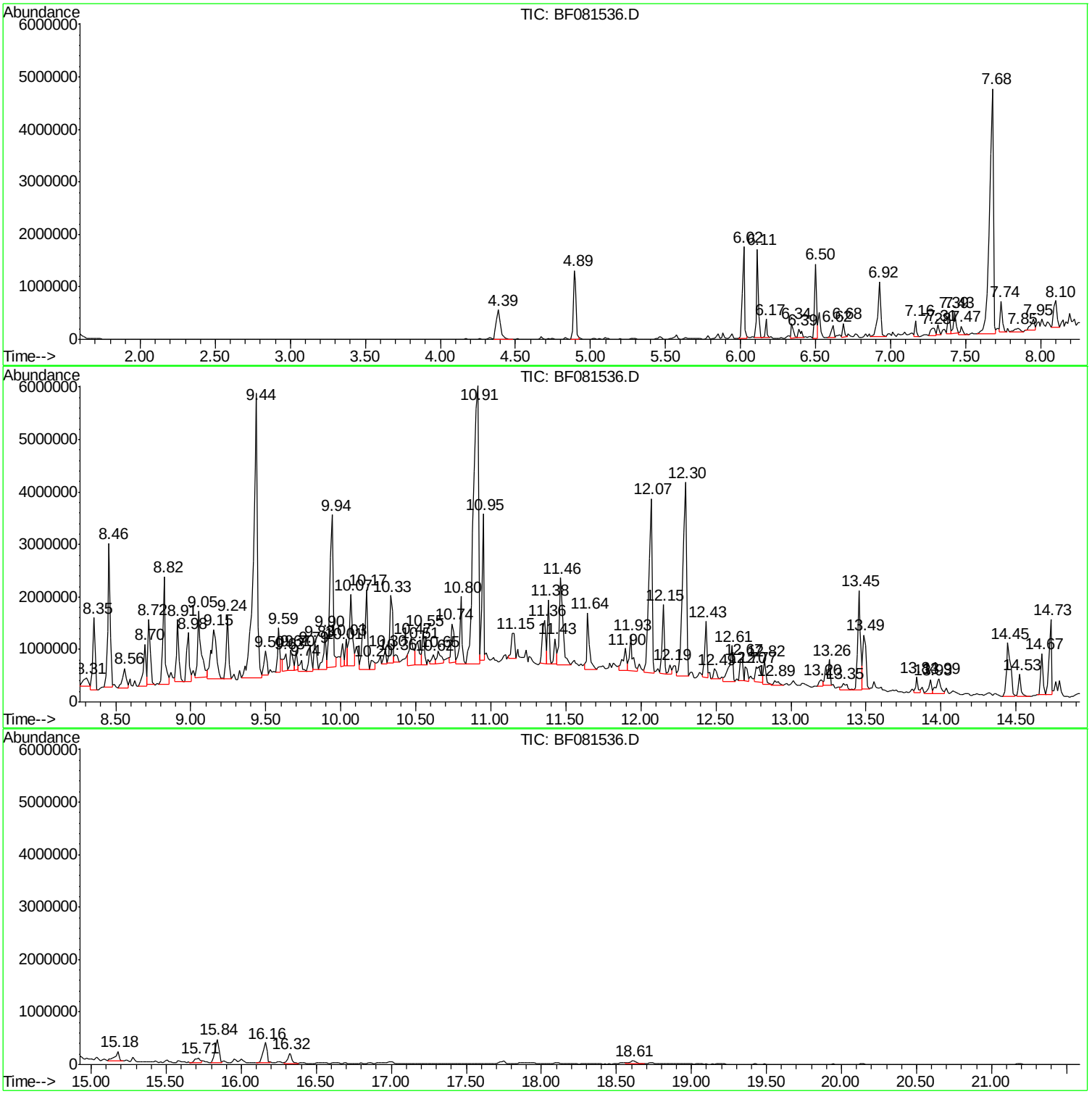
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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\BF090815\
Data File : BF081536.D
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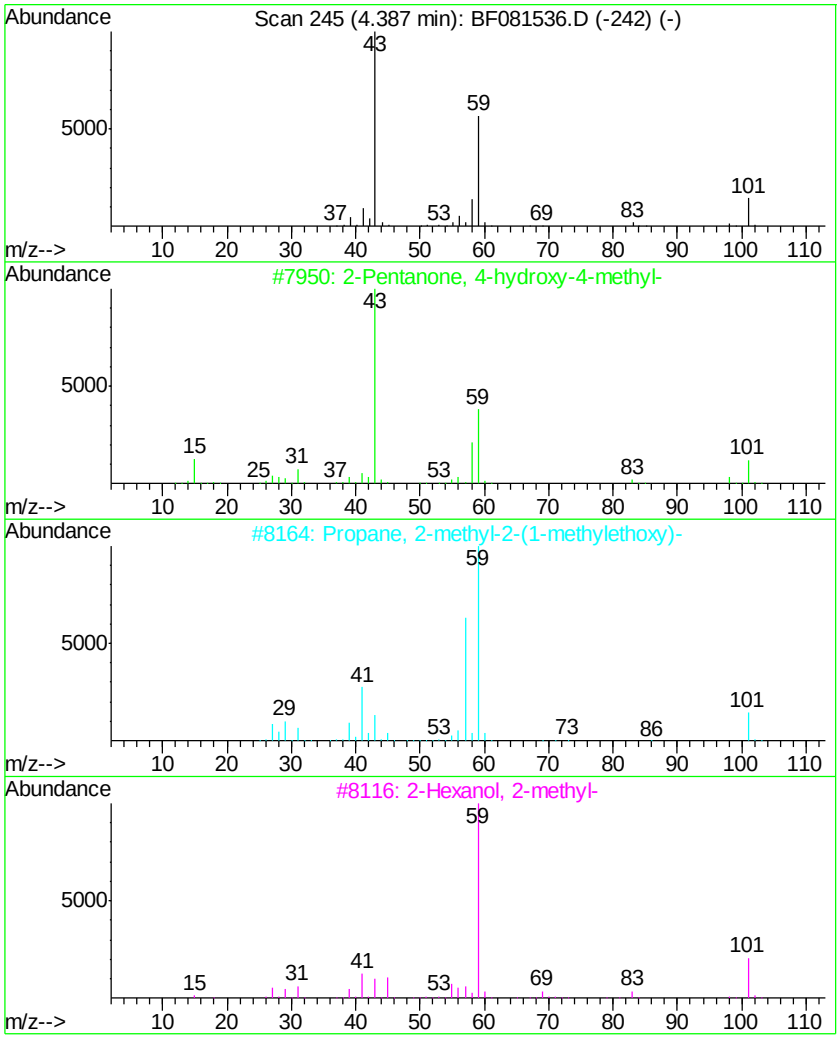
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

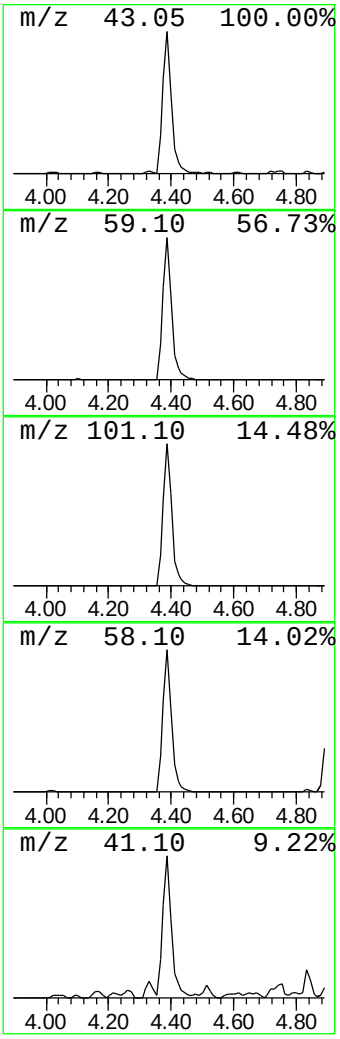
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	66.63 ng	1067760	1,4-Dichlorobenzene-d4	6.34

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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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

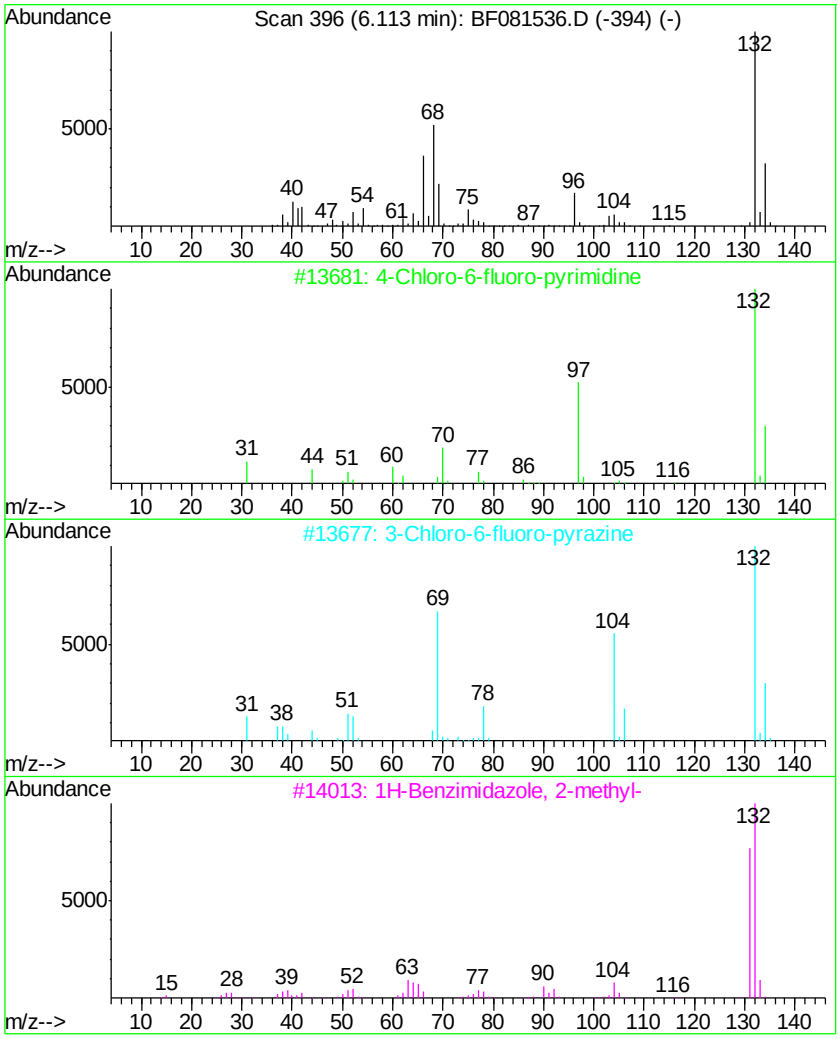
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

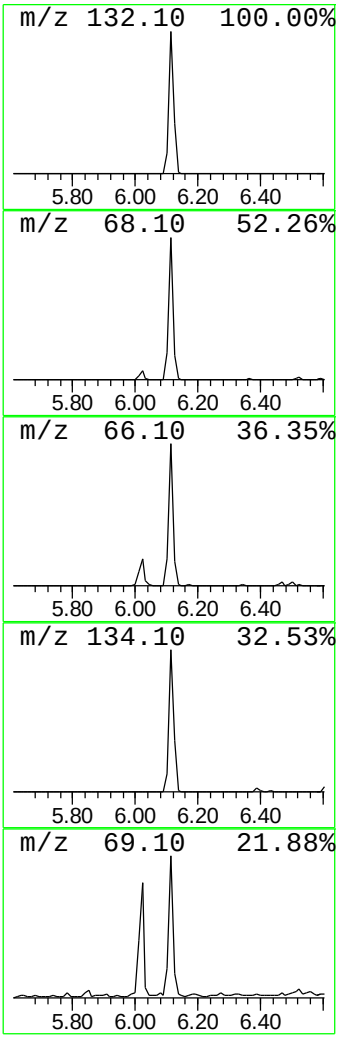
****

Peak Number 2 unknown6.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	102.94 ng	1649790	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

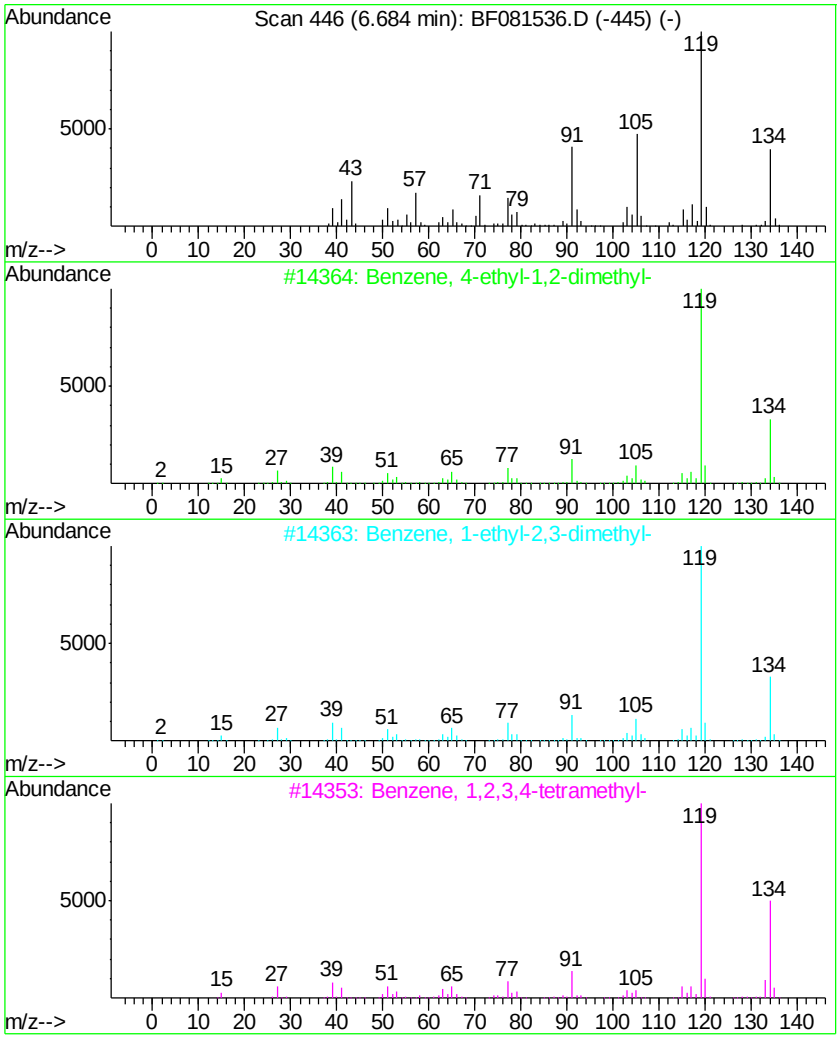
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

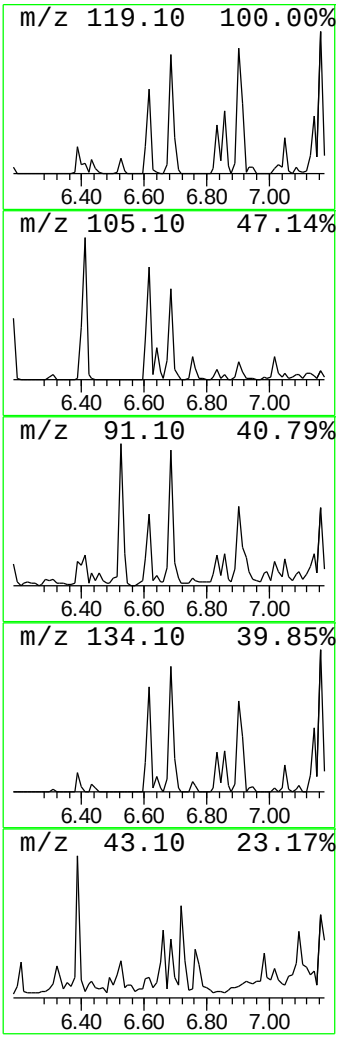
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	13.97 ng	223925	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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

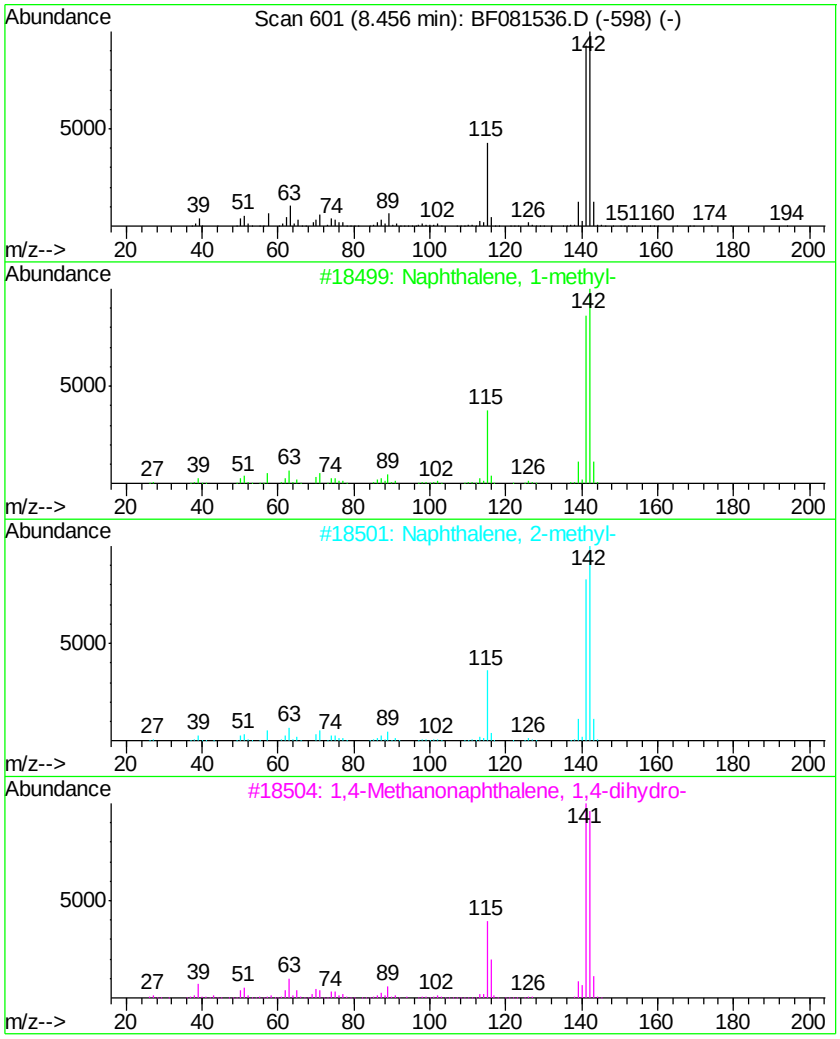
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

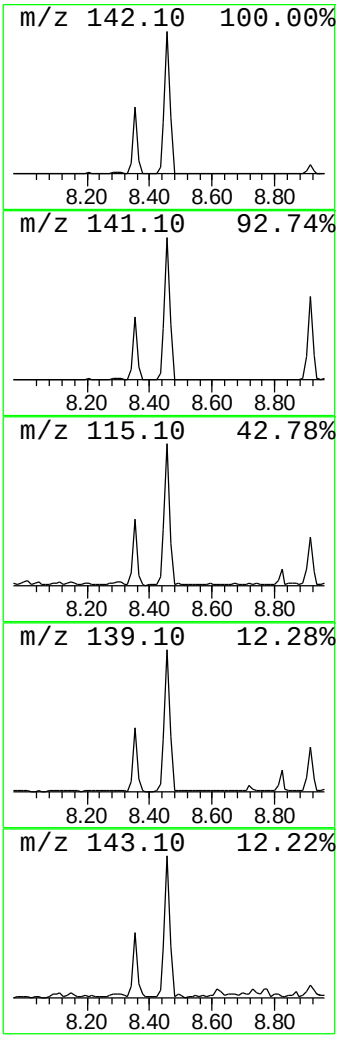
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	8.83 ng	3457100	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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

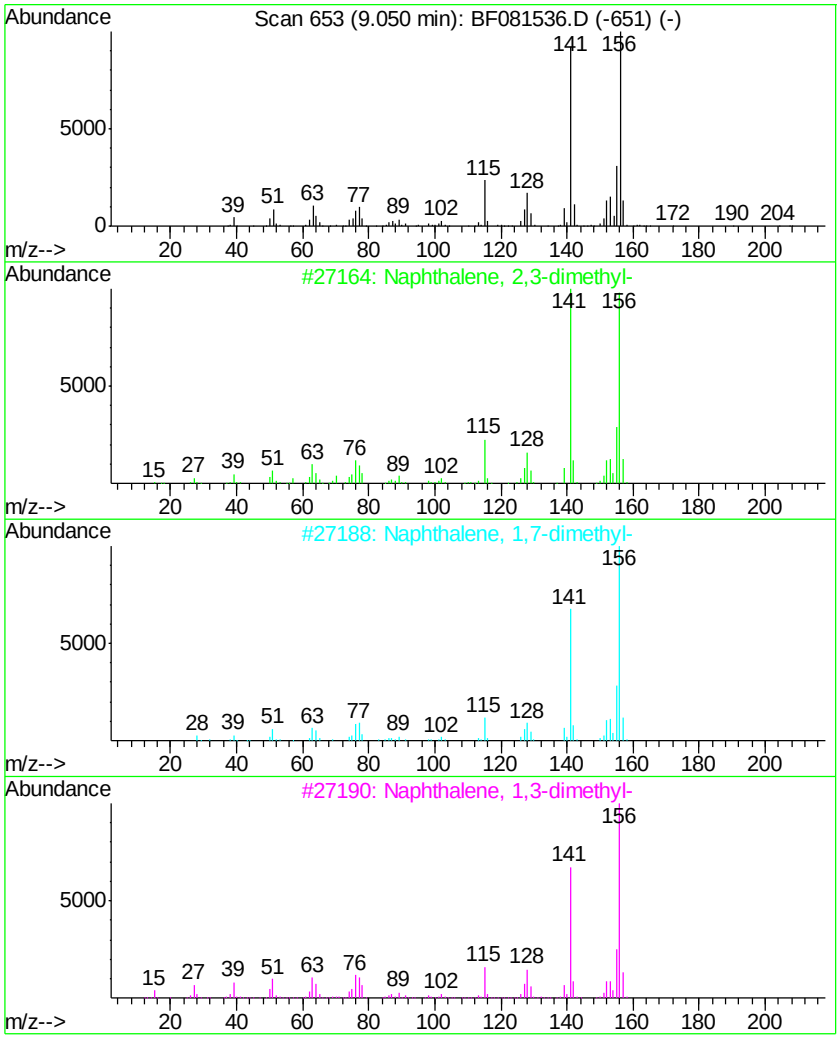
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

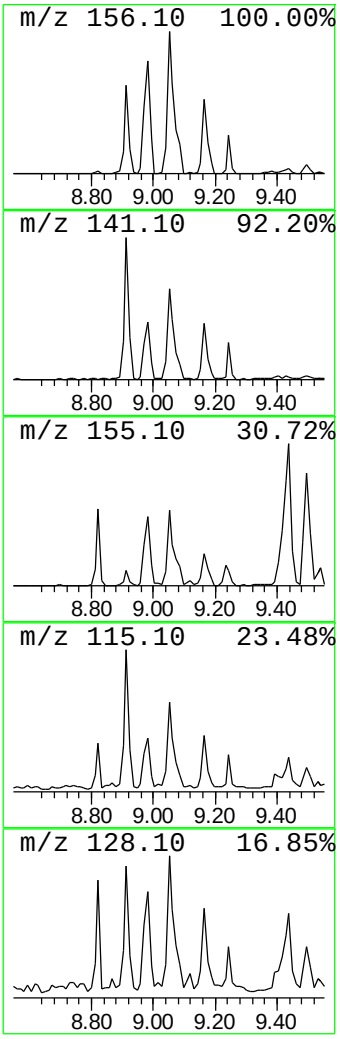
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.08 ng	2212810	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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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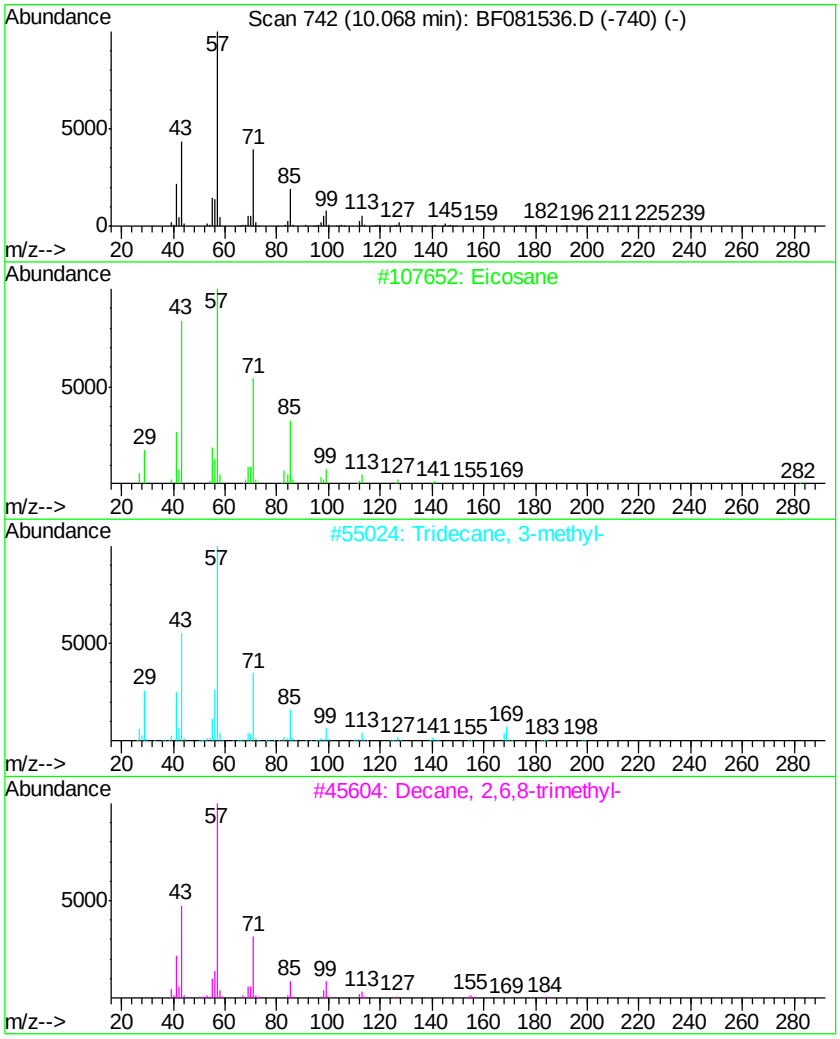
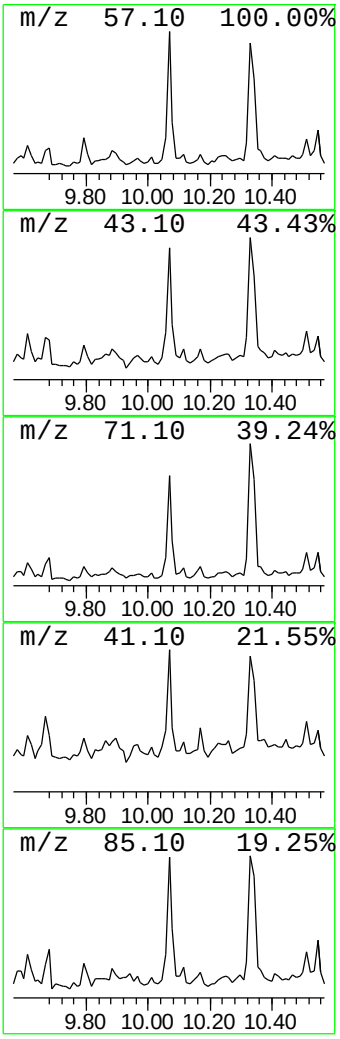
Peak Number 9 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.30 ng	1786010	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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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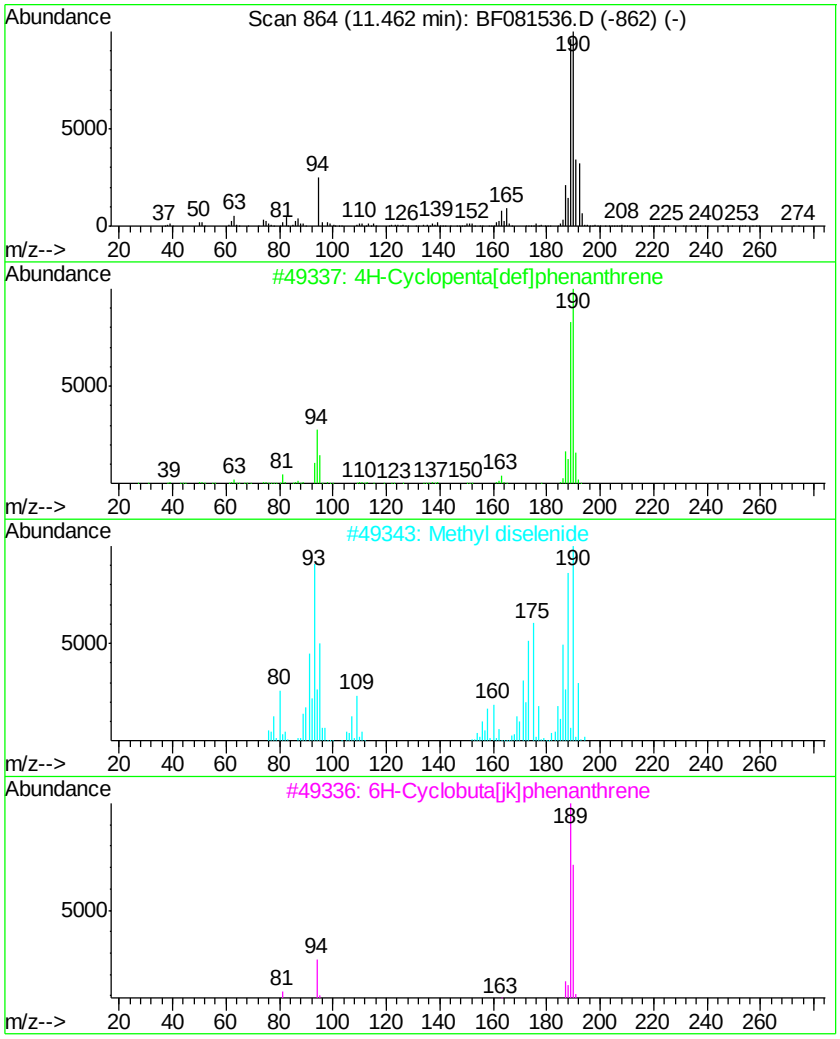
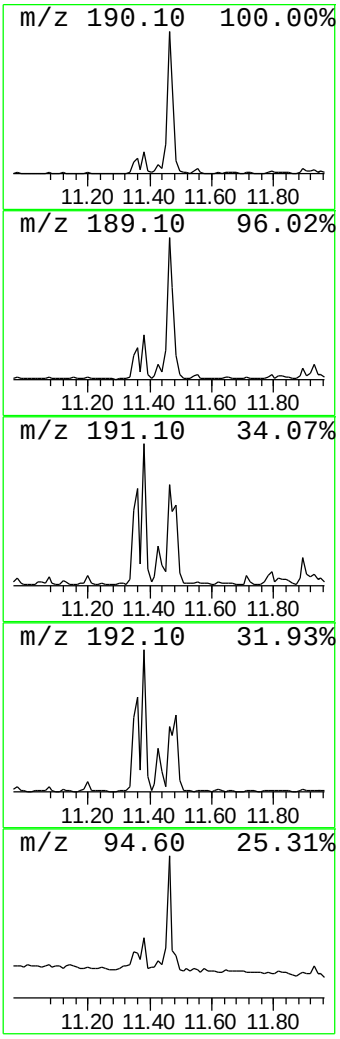
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.48 ng	2797130	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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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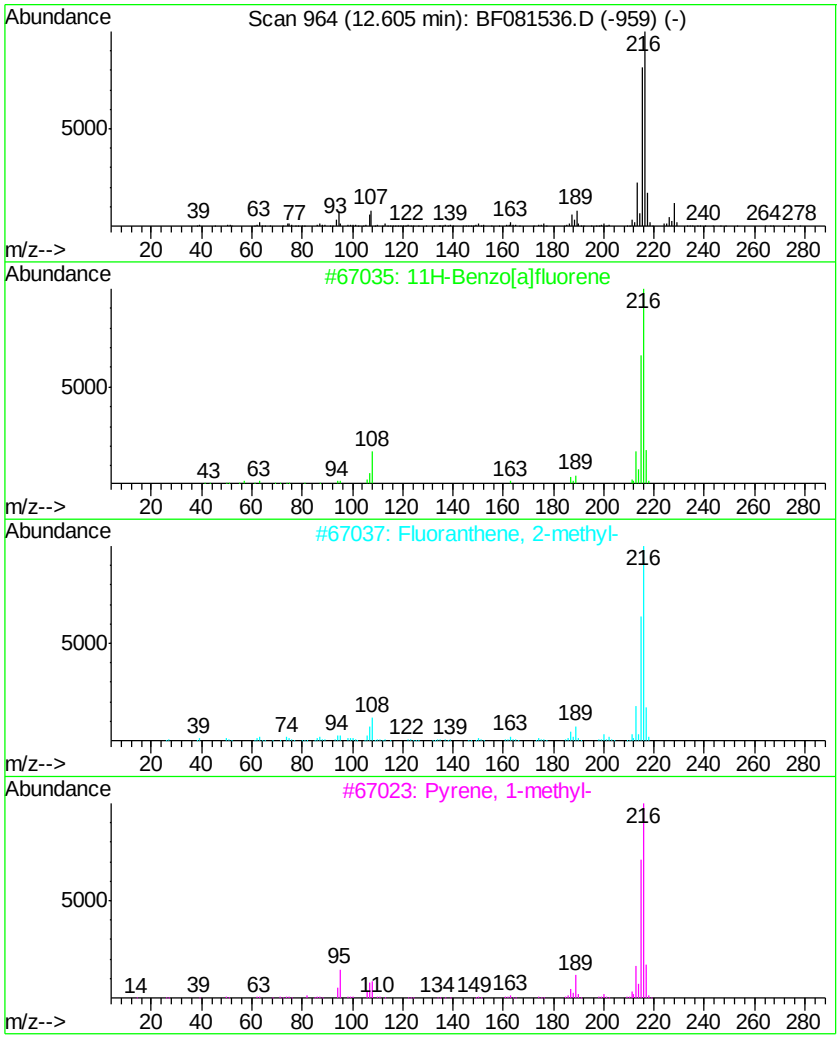
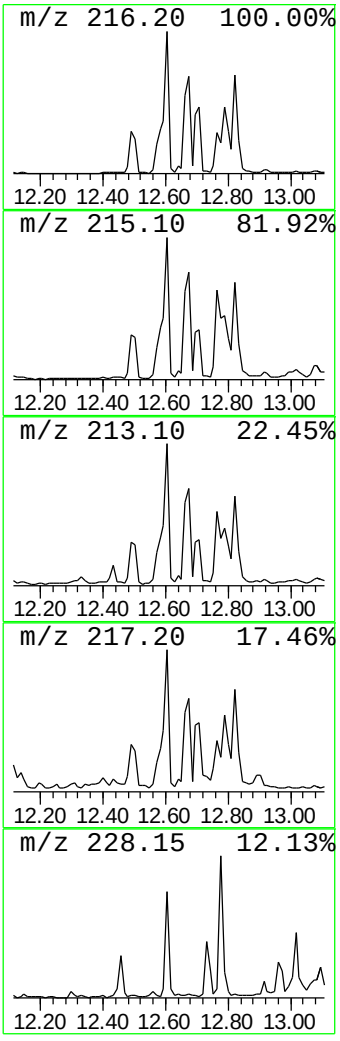
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	7.40 ng	1058920	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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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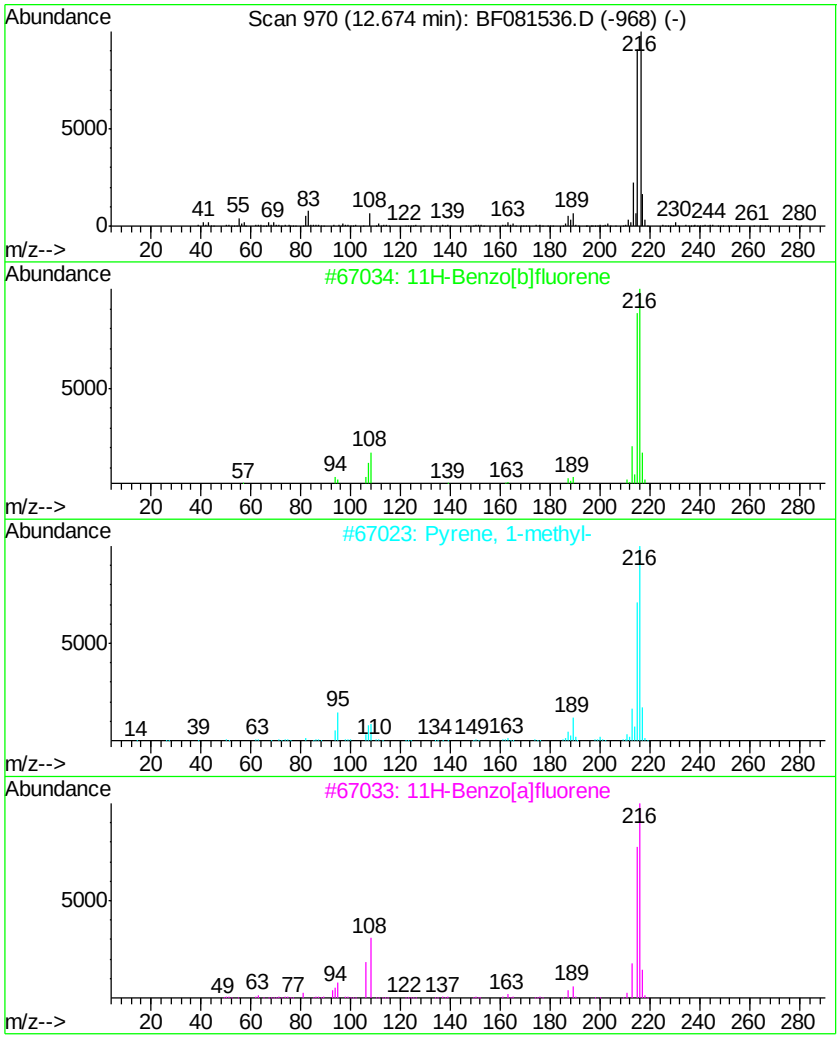
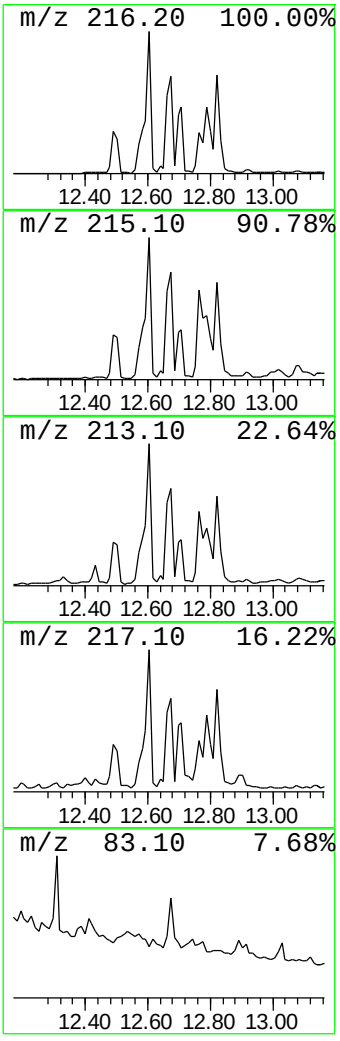
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.99 ng	570958	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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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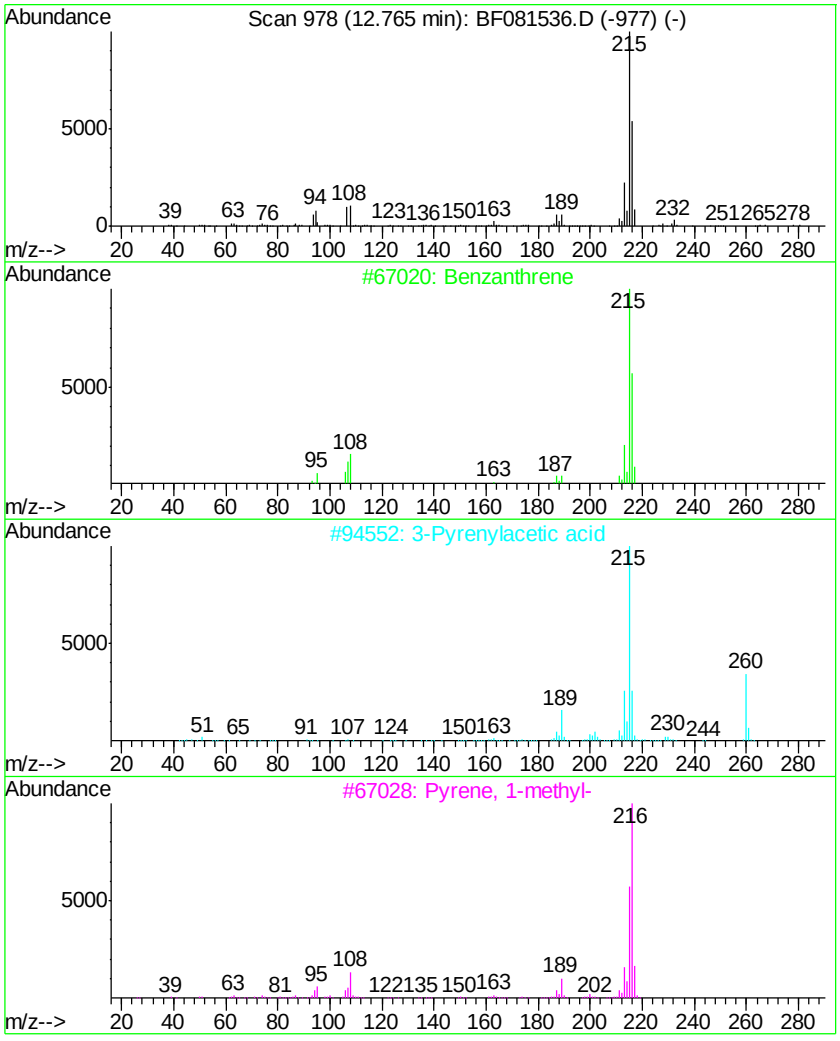
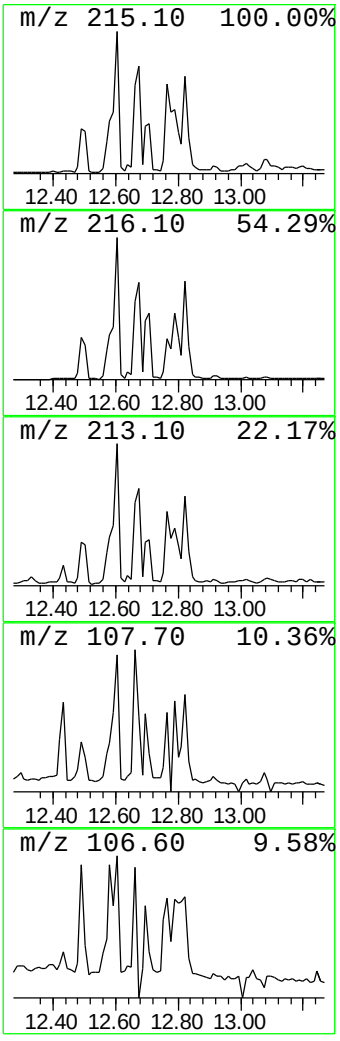
Peak Number 13 Benzanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.16 ng	739014	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzanthrene	216	C17H12	000199-94-0	72
2	3-Pyrenylacetic acid	260	C18H12O2	064709-55-3	53
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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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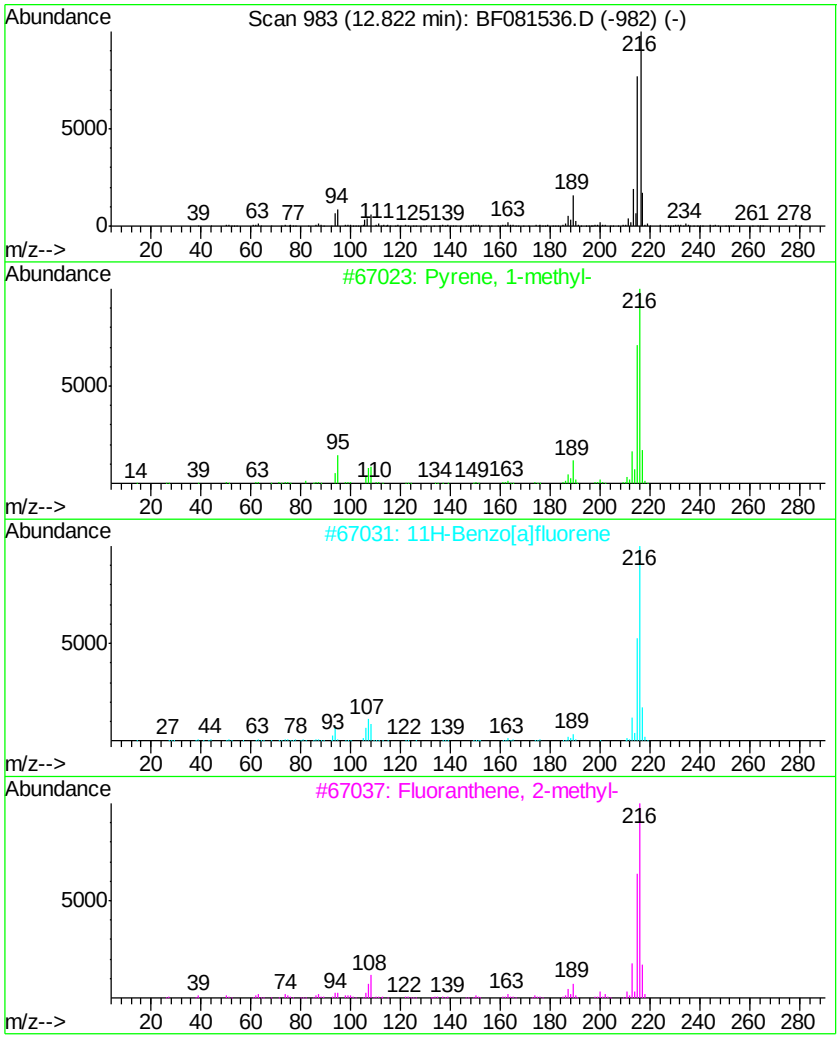
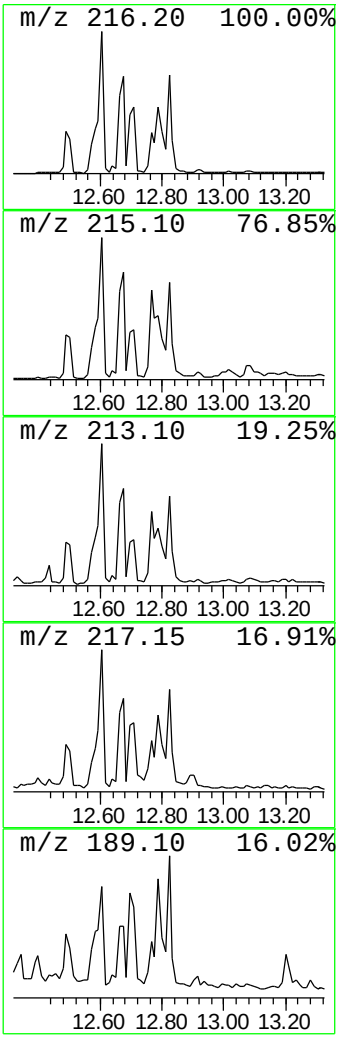
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.06 ng	437361	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2

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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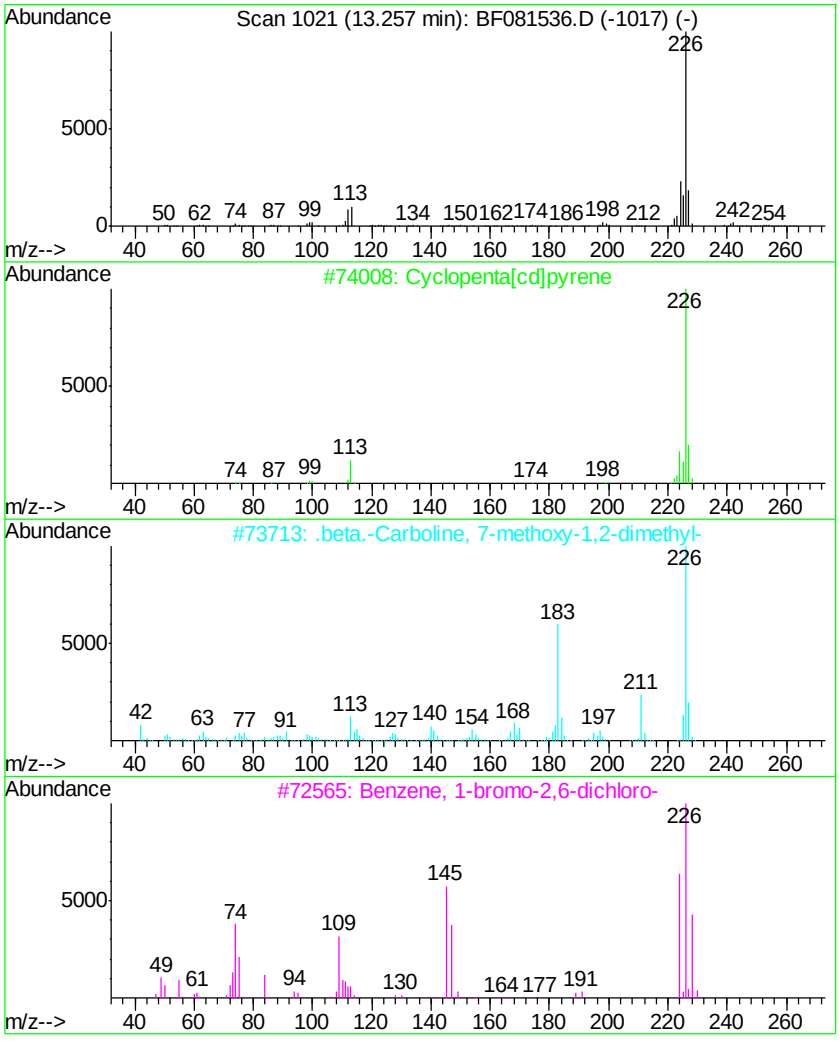
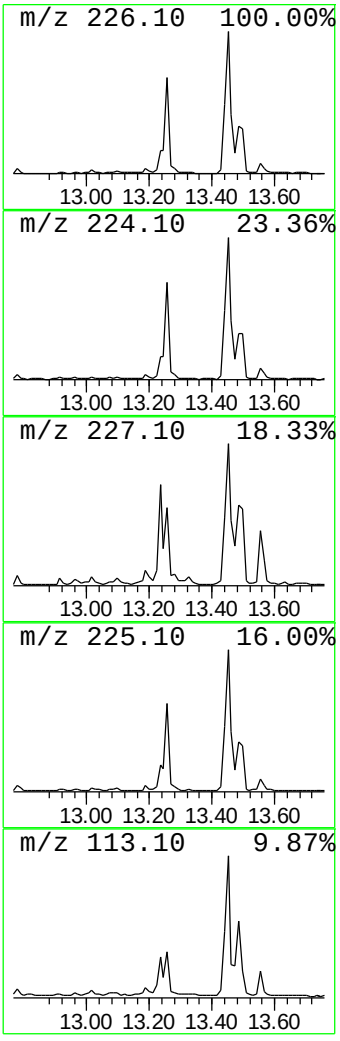
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.08 ng	727358	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	50
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	42
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42





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Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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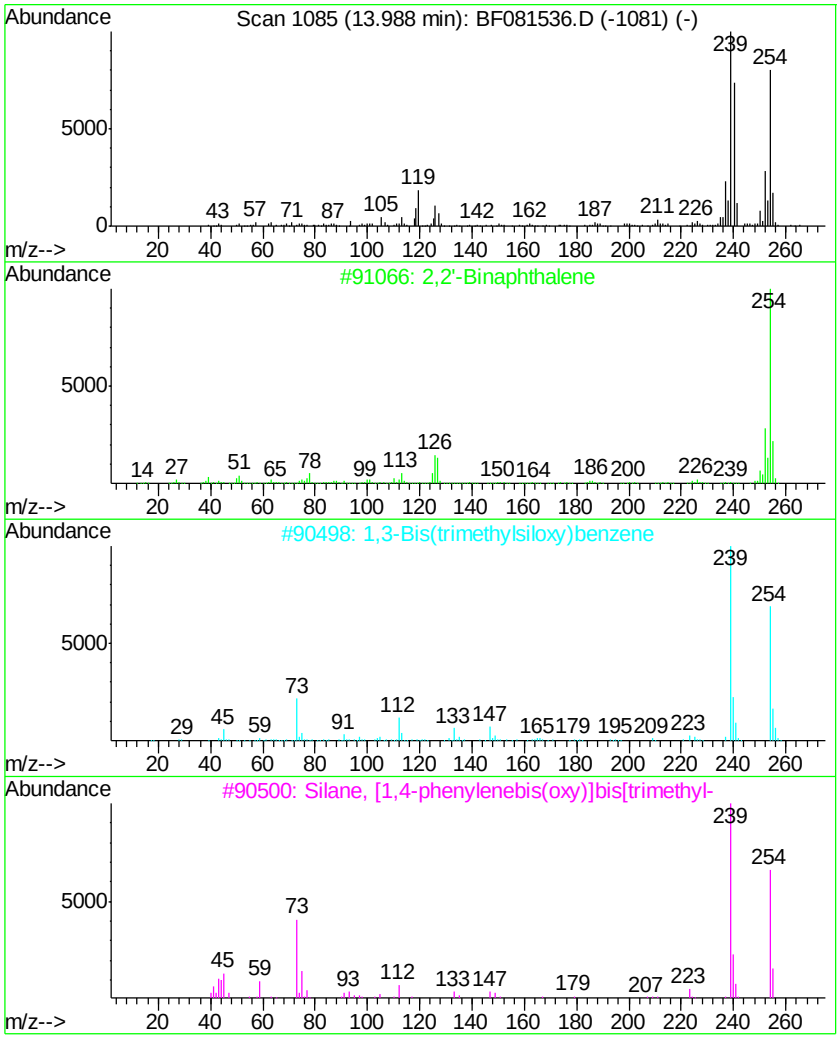
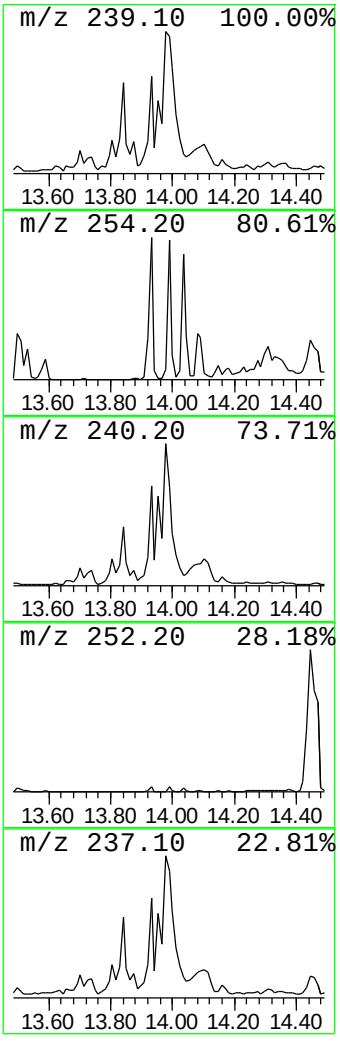
Peak Number 16 2,2'-Binaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.82 ng	690394	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	60
2	1,3-Bis(trimethylsiloxy)benzene	254	C12H22O2Si2	004520-29-0	43
3	Silane, [1,4-phenylenebis(oxy)]b...	254	C12H22O2Si2	002117-24-0	43
4	5-Benzylidene-4,5,6,7-tetrahydro...	240	C15H12OS	300799-65-9	38
5	Pyrrolo[2,3-f]quinolin-9-ol, 2,3...	240	C15H16N2O	199919-66-9	38





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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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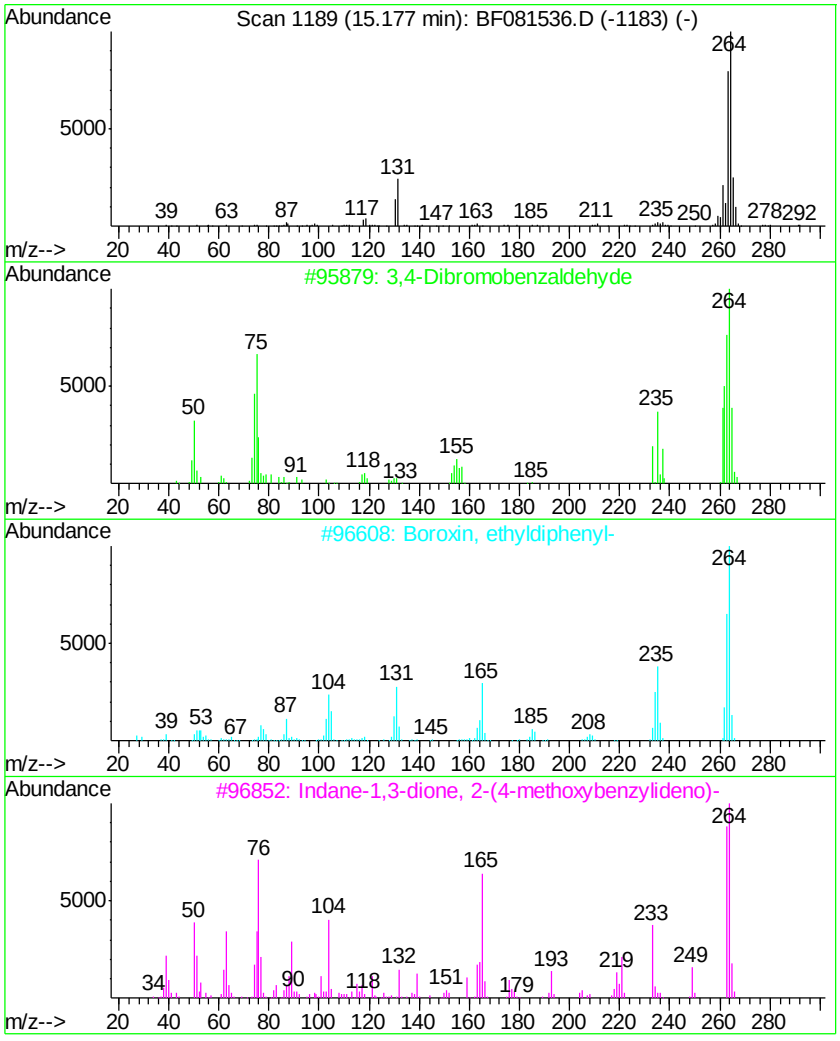
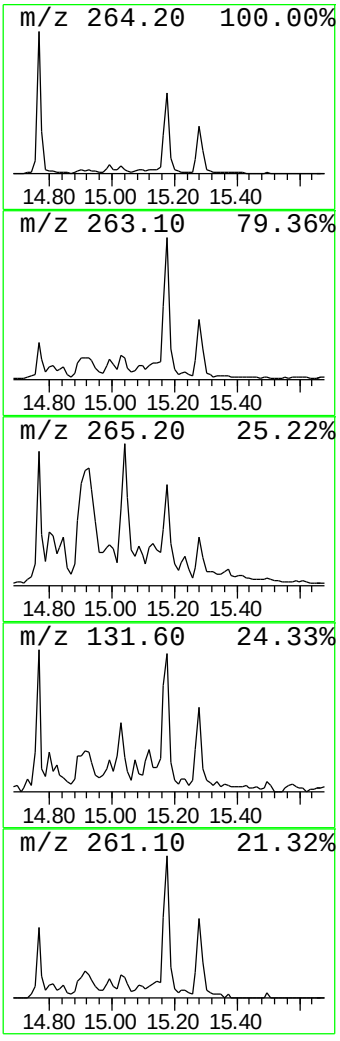
Peak Number 19 3,4-Dibromobenzaldehyde Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.56 ng	382137	Perylene-d12	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
3	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	53
4	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	42
5	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2

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	66.6	ng	1067760	1	6.34	320529	20.0
unknown6.11	6.11	102.9	ng	1649790	1	6.34	320529	20.0
Benzene, 4-ethyl-...	6.68	14.0	ng	223925	1	6.34	320529	20.0
Naphthalene, 1-me...	8.46	8.8	ng	3457100	2	7.64	7826210	20.0
Naphthalene, 2,3-...	9.05	4.1	ng	2212810	3	9.38	10837900	20.0
Eicosane	10.07	3.3	ng	1786010	3	9.38	10837900	20.0
4H-Cyclopenta[def...	11.46	4.5	ng	2797130	4	10.86	12493000	20.0
11H-Benzo[a]fluorene	12.61	7.4	ng	1058920	5	13.46	2862120	20.0
11H-Benzo[b]fluorene	12.67	4.0	ng	570958	5	13.46	2862120	20.0
Benzanthrene	12.77	5.2	ng	739014	5	13.46	2862120	20.0
Pyrene, 1-methyl-	12.82	3.1	ng	437361	5	13.46	2862120	20.0
Cyclopenta[cd]pyrene	13.26	5.1	ng	727358	5	13.46	2862120	20.0
2,2'-Binaphthalene	13.99	4.8	ng	690394	5	13.46	2862120	20.0
3,4-Dibromobenzal...	15.18	4.6	ng	382137	6	14.77	1674340	20.0