LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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-BF092415.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	5.154	258	264	267	rVB	2527910	5247327	72.99%	8.677%
2	5.531	292	297	299	rBV2	637836	957127	13.31%	1.583%
3	5.771	316	318	320	rBV	100610	92362	1.28%	0.153%
4	6.457	376	378	379	rBV	348809	281287	3.91%	0.465%
5	6.549	383	386	388	rBV	558488	482078	6.71%	0.797%
6	6.697	397	399	401	rBV	1422576	1200754	16.70%	1.985%
7	6.754	401	404	407	rVV2	124201	188185	2.62%	0.311%
8	6.937	417	420	421	rBV	900081	765062	10.64%	1.265%
9	6.960	421	422	424	rVV	399120	446818	6.22%	0.739%
10	6.994	424	425	429	rVB2	139410	204709	2.85%	0.338%
11	7.097	431	434	435	rVV	1552711	1795446	24.98%	2.969%
12	7.189	439	442	446	rVB2	167883	267802	3.73%	0.443%
13	7.497	467	469	471	rVB	1126999	1311570	18.24%	2.169%
14	7.577	474	476	479	rVB	356086	317555	4.42%	0.525%
15	7.692	483	486	488	rBV	875005	1100293	15.31%	1.819%
16	7.863	499	501	503	rBV2	181440	174506	2.43%	0.289%
17	7.966	506	510	512	rBV2	319993	508855	7.08%	0.841%
18	8.012	512	514	517	rVB2	88409	162906	2.27%	0.269%
19	8.160	525	527	529	rVV	124805	104023	1.45%	0.172%
20	8.229	530	533	536	rVB2	850230	1782750	24.80%	2.948%
21	8.652	568	570	572	rBV	74555	94287	1.31%	0.156%
22	8.709	572	575	576	rVV2	202098	239908	3.34%	0.397%
23	8.938	593	595	597	rBV	931552	827634	11.51%	1.369%
24	9.040	602	604	606	rBV	659524	663589	9.23%	1.097%
25	9.223	617	620	622	rVV	161641	201788	2.81%	0.334%
26	9.303	624	627	629	rVV	3043525	2778654	38.65%	4.595%
27	9.498	642	644	648	rVV	648883	741035	10.31%	1.225%
28	9.555	648	649	652	rVV2	154918	261389	3.64%	0.432%
29	9.635	654	656	657	rVV	265049	259735	3.61%	0.429%
30	9.669	657	659	660	rVV	214188	286210	3.98%	0.473%
31	9.692	660	661	663	rVV2	387431	448215	6.23%	0.741%
32	9.749	663	666	670	rVV3	114607	266513	3.71%	0.441%
33	9.818	670	672	677	rVB2	680602	1068962	14.87%	1.768%
34	9.978	684	686	688	rBV	1003921	1089407	15.15%	1.801%

LSC Area Percent Report

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Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.012	688	689	691	rVB2	652556	594535	8.27%	0.983%
36	10.080	693	695	698	rBV	155433	234432	3.26%	0.388%
37	10.138	698	700	701	rBV2	56955	88137	1.23%	0.146%
38	10.172	701	703	708	rVB	298046	473370	6.58%	0.783%
39	10.286	711	713	717	rBV2	218364	388047	5.40%	0.642%
40	10.343	717	718	719	rVB	122641	84070	1.17%	0.139%
41	10.378	719	721	724	rBV2	453717	555558	7.73%	0.919%
42	10.435	724	726	727	rBV	207851	154553	2.15%	0.256%
43	10.469	727	729	730	rBV	573419	565486	7.87%	0.935%
44	10.526	730	734	736	rVV	282499	353247	4.91%	0.584%
45	10.595	736	740	741	rVV3	173844	282539	3.93%	0.467%
46	10.641	741	744	746	rVV4	78157	187740	2.61%	0.310%
47	10.766	752	755	757	rVV2	464133	472072	6.57%	0.781%
48	10.846	759	762	764	rVB	206468	349291	4.86%	0.578%
49	10.892	764	766	768	rVB2	128092	158400	2.20%	0.262%
50	10.938	768	770	772	rBV2	112982	154214	2.15%	0.255%
51	10.983	772	774	776	rVV	131594	145453	2.02%	0.241%
52	11.041	776	779	780	rVV2	127758	227895	3.17%	0.377%
53	11.063	780	781	783	rVV2	123388	188839	2.63%	0.312%
54	11.166	788	790	791	rVB	177685	199725	2.78%	0.330%
55	11.281	796	800	802	rVB2	372829	650600	9.05%	1.076%
56	11.326	802	804	808	rBV4	109364	215263	2.99%	0.356%
57	11.429	810	813	814	rBV3	80378	174658	2.43%	0.289%
58	11.463	814	816	818	rVV2	782812	1559953	21.70%	2.579%
59	11.498	818	819	820	rVB	947331	649395	9.03%	1.074%
60	11.543	820	823	825	rVB	256299	255740	3.56%	0.423%
61	11.726	837	839	841	rBV3	58887	112267	1.56%	0.186%
62	11.852	846	850	852	rVV3	108501	253477	3.53%	0.419%
63	11.886	852	853	858	rVV5	55052	125908	1.75%	0.208%
64	11.966	858	860	861	rVV	226147	243765	3.39%	0.403%
65	12.001	861	863	864	rVV	381149	431399	6.00%	0.713%
66	12.046	864	867	868	rVV	160399	250186	3.48%	0.414%
67	12.104	868	872	874	rVV2	859263	1090642	15.17%	1.803%
68	12.161	874	877	879	rVV2	101576	228573	3.18%	0.378%
69	12.218	879	882	883	rVV2	115868	249616	3.47%	0.413%
70	12.252	883	885	887	rVV3	168985	300783	4.18%	0.497%
71	12.332	890	892	896	rVV4	87060	211621	2.94%	0.350%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.412	897	899	901	rVV	1534098	1556698	21.65%	2.574%
73	12.469	901	904	905	rVV	85537	175471	2.44%	0.290%
74	12.515	905	908	909	rVV3	128730	293042	4.08%	0.485%
75	12.572	909	913	915	rVV2	651662	1117218	15.54%	1.847%
76	12.652	918	920	921	rVV	362215	417065	5.80%	0.690%
77	12.675	921	922	925	rVV2	186429	344845	4.80%	0.570%
78	12.721	925	926	929	rVV2	301752	338990	4.72%	0.561%
79	12.778	929	931	932	rVV	107085	134248	1.87%	0.222%
80	12.846	935	937	940	rVV2	118231	179773	2.50%	0.297%
81	12.915	940	943	945	rVV	333397	507166	7.05%	0.839%
82	12.972	945	948	951	rVV	321549	395897	5.51%	0.655%
83	13.018	951	952	953	rVV	96557	107569	1.50%	0.178%
84	13.052	953	955	958	rVV	1931512	2277102	31.68%	3.765%
85	13.121	959	961	965	rVV	185246	245937	3.42%	0.407%
86	13.189	965	967	970	rVV	793486	750186	10.44%	1.240%
87	13.246	970	972	973	rVV2	81960	132043	1.84%	0.218%
88	13.281	973	975	976	rVV2	55721	84525	1.18%	0.140%
89	13.338	978	980	984	rVB3	76392	132761	1.85%	0.220%
90	13.441	987	989	993	rVV2	124888	267906	3.73%	0.443%
91	13.509	993	995	998	rVV3	57824	132199	1.84%	0.219%
92	13.749	1014	1016	1018	rVB	135821	131464	1.83%	0.217%
93	13.944	1031	1033	1037	rVB	248676	241584	3.36%	0.399%
94	14.104	1043	1047	1050	rBV	763138	1031117	14.34%	1.705%
95	14.389	1068	1072	1074	rVB2	84884	117858	1.64%	0.195%
96	14.732	1100	1102	1105	rBV	101383	150120	2.09%	0.248%
97	15.578	1173	1176	1182	rBV	595206	758116	10.55%	1.254%
98	16.527	1257	1259	1264	rBV4	37262	110088	1.53%	0.182%
99	17.133	1307	1312	1317	rBV	778439	1677142	23.33%	2.773%
100	21.533	1682	1697	1698	rBV	1593581	7188836	100.00%	11.887%

Sum of corrected areas: 60477156

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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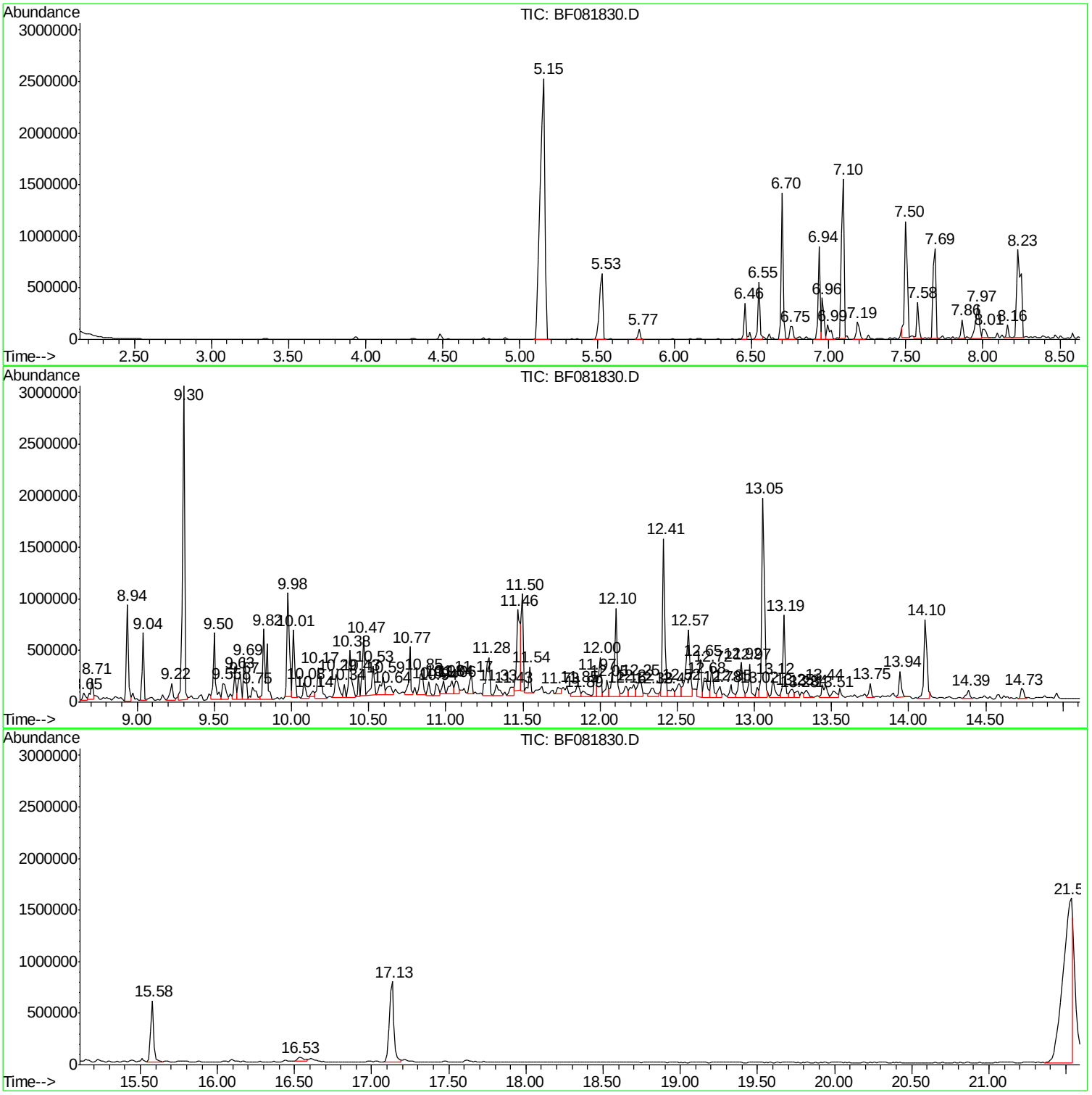
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

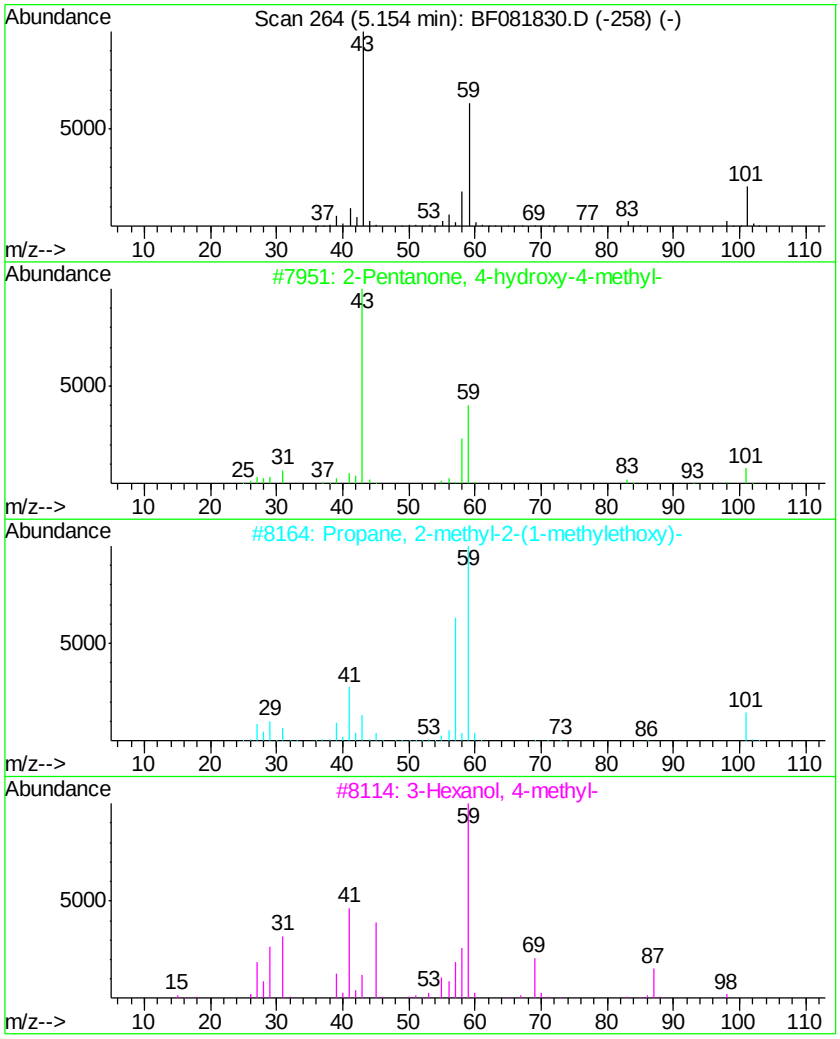
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

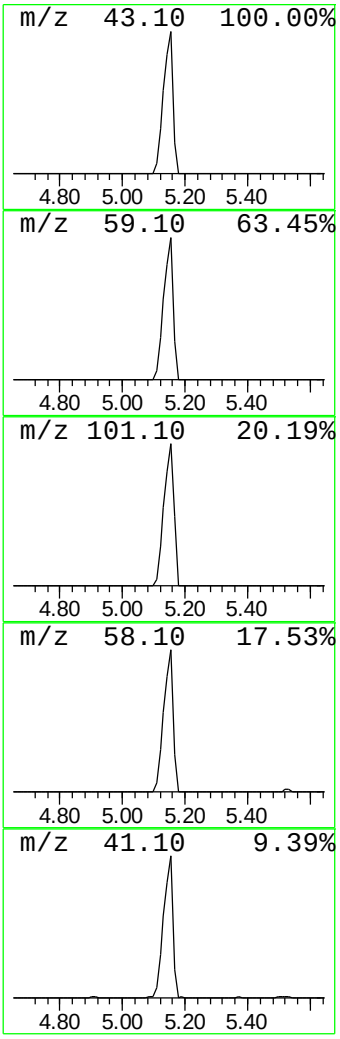
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	137.17 ng	5247330	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

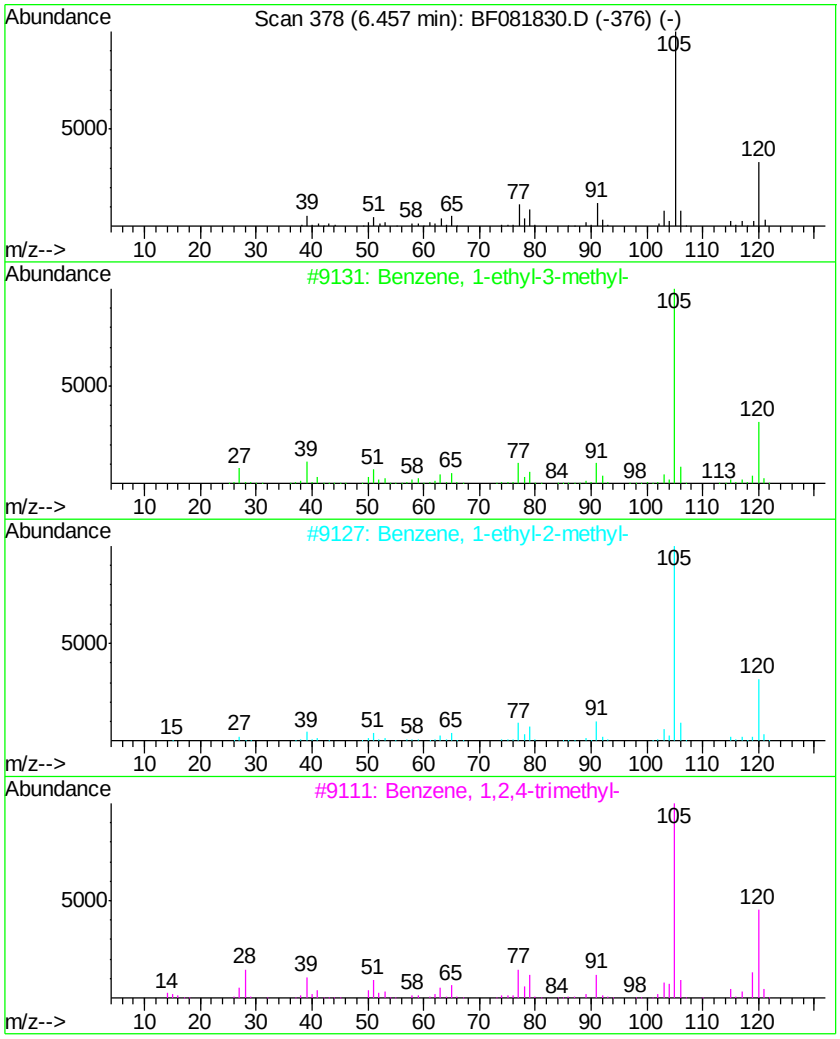
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

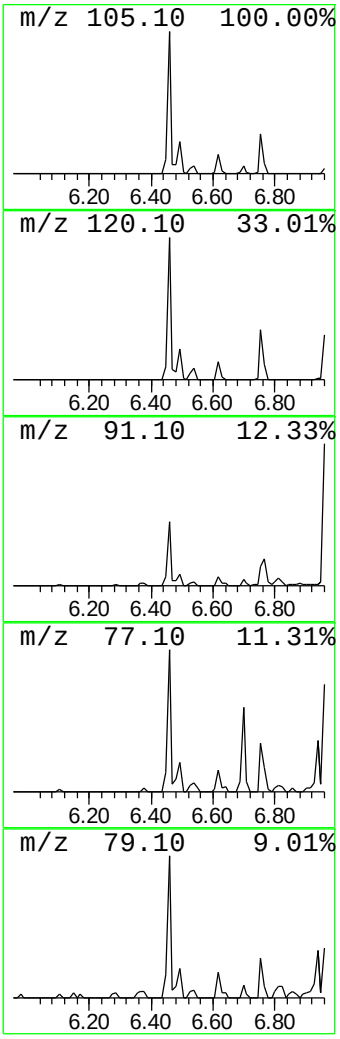
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	7.35 ng	281287	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

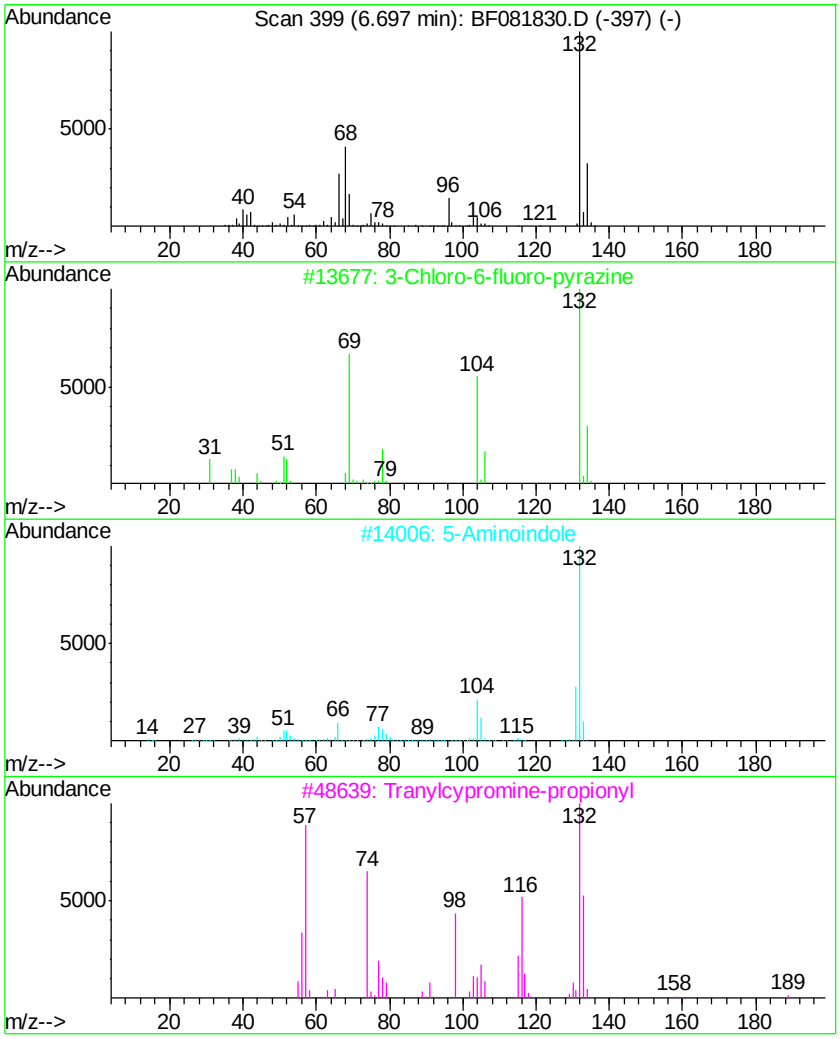
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

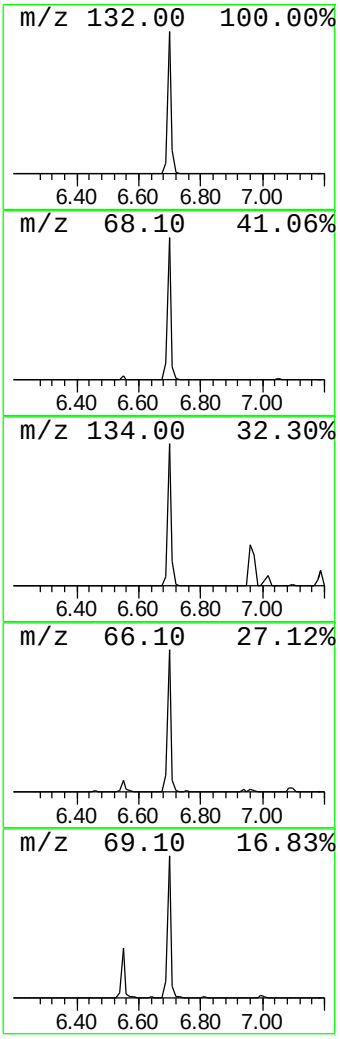
****

Peak Number 3 unknown6.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	31.39 ng	1200750	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 16:25
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Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

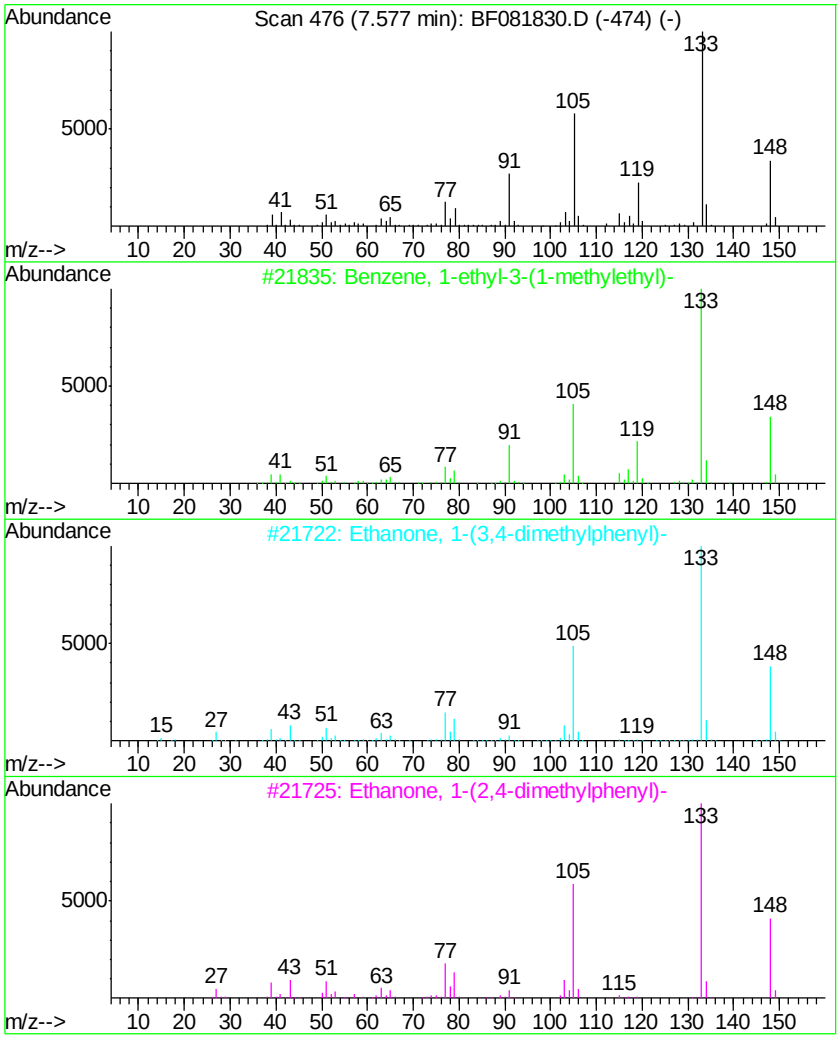
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

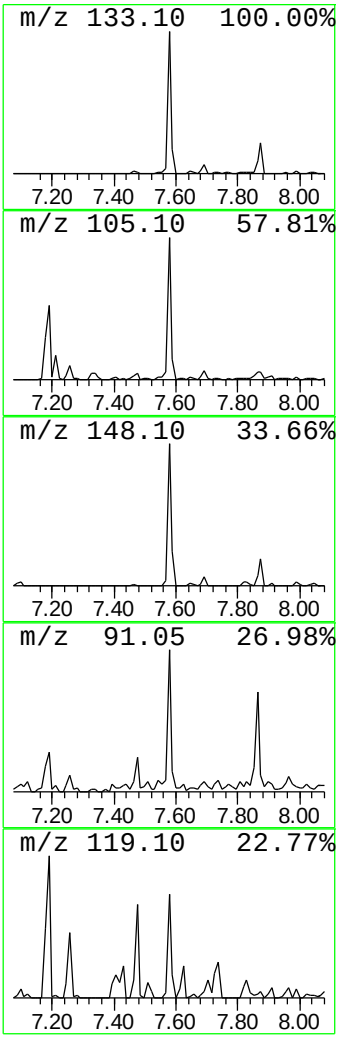
****

Peak Number 5 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	8.30 ng	317555	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	94
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	94
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	94
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	94
5	m-Ethylacetophenone	148	C10H12O	022699-70-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

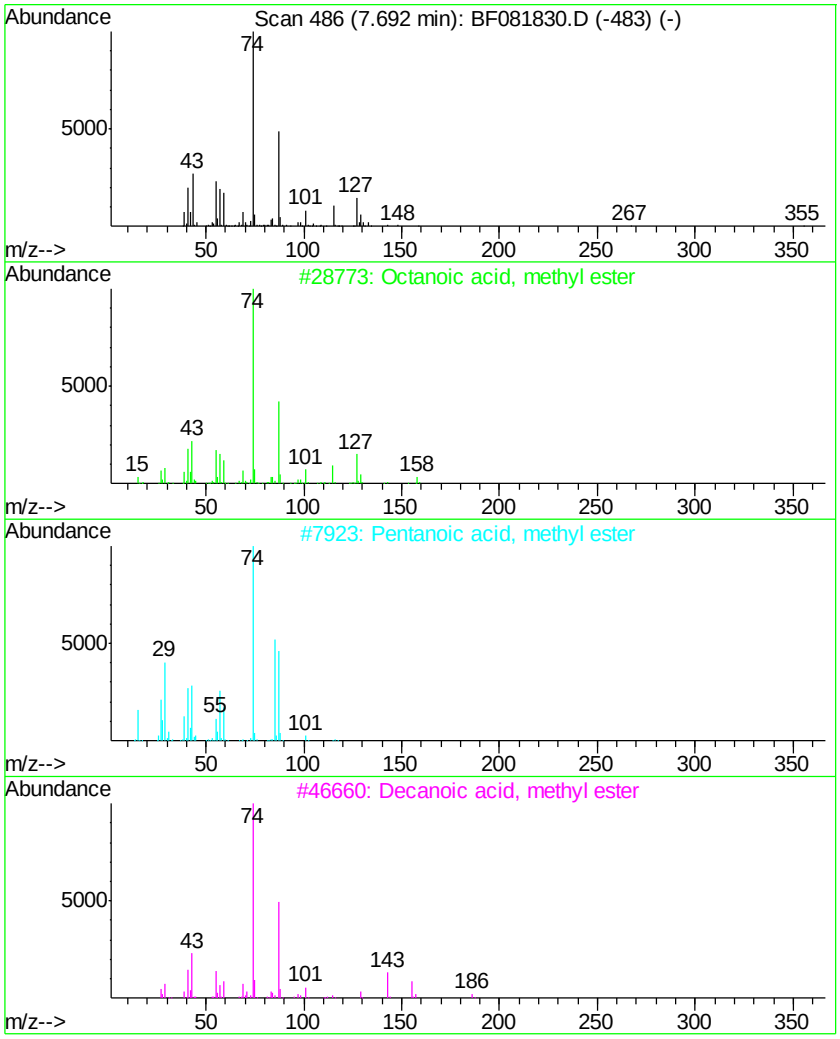
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

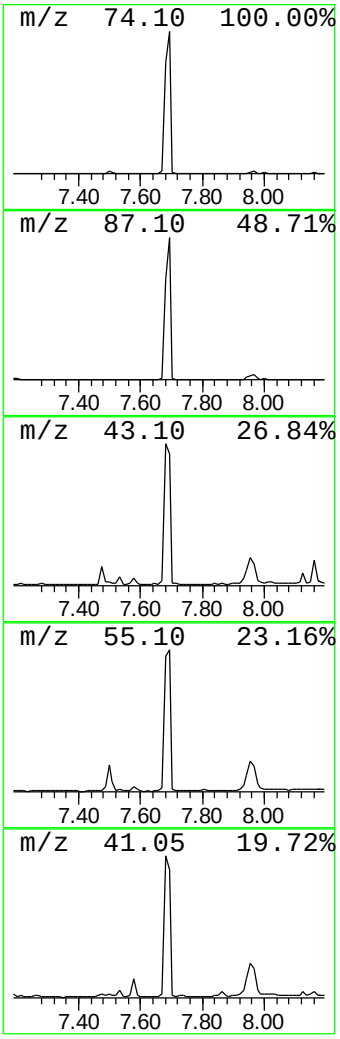
****

Peak Number 6 Octanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	12.34 ng	1100290	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
2	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	72
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	56
5	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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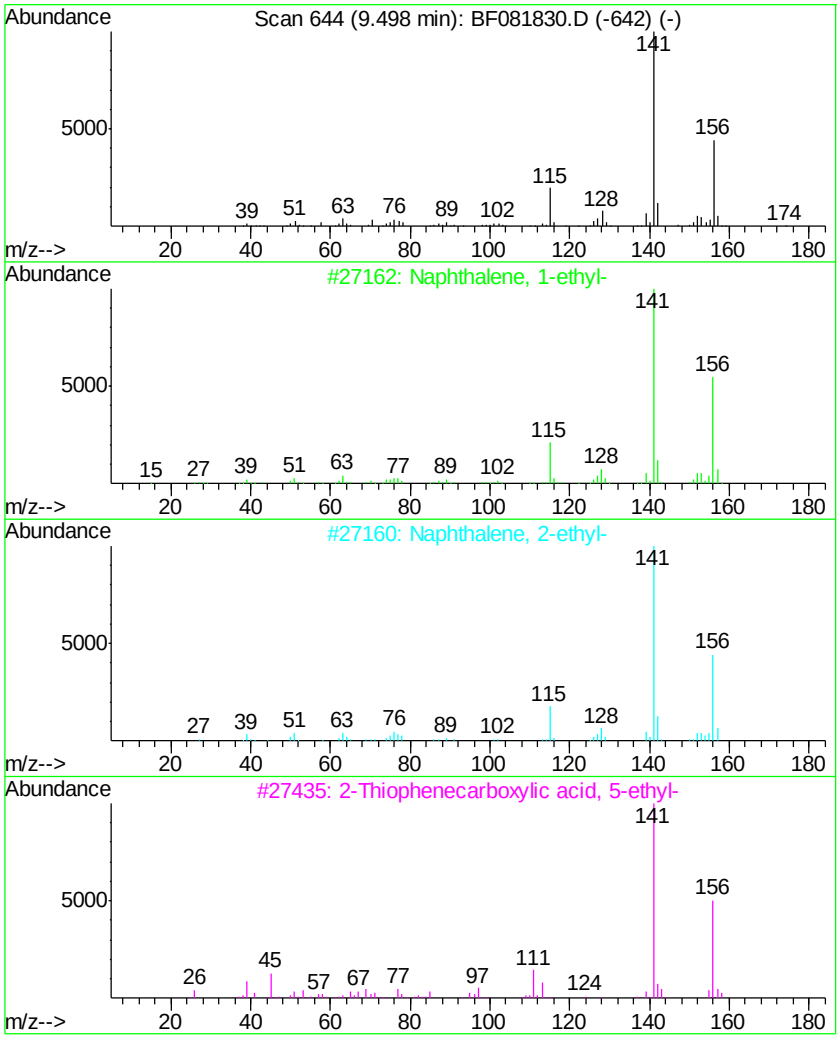
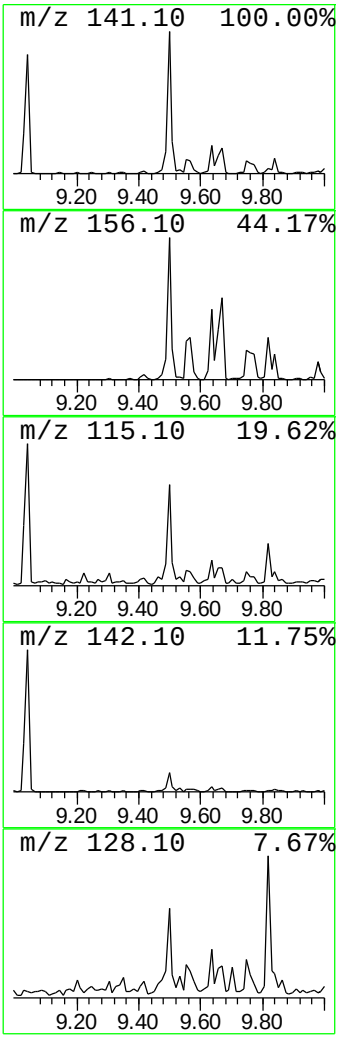
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	13.60 ng	741035	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	38
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38





Library Search Compound Report

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Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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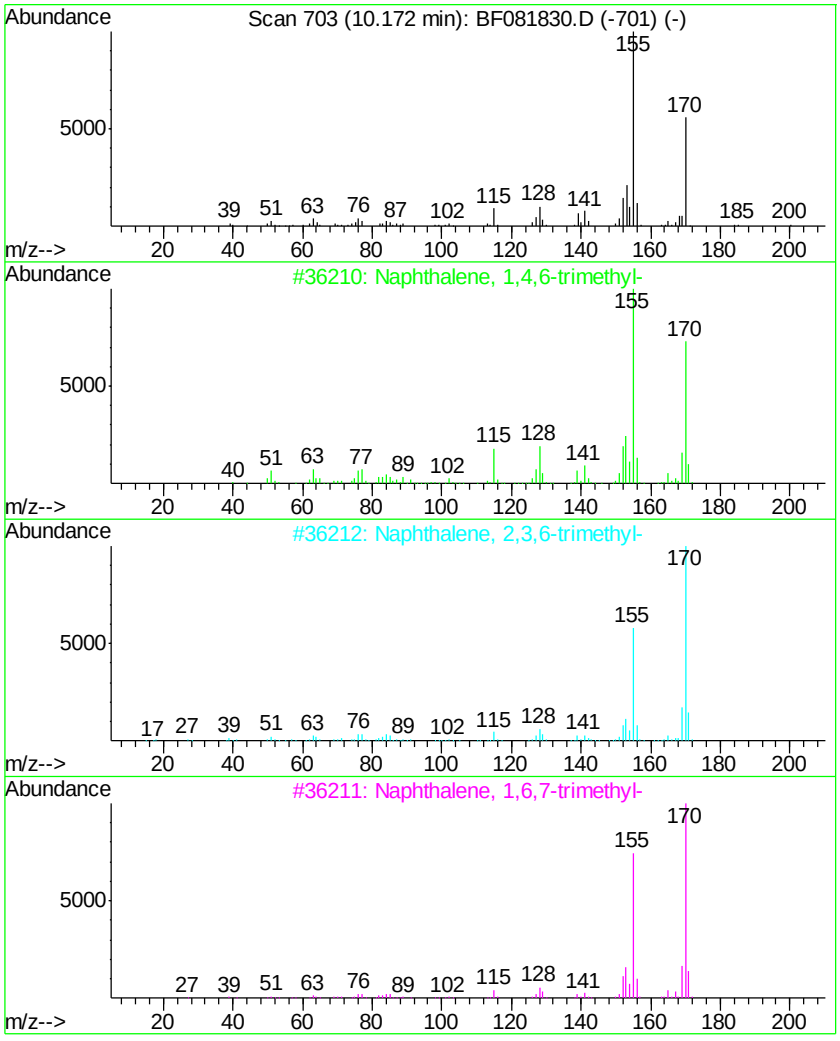
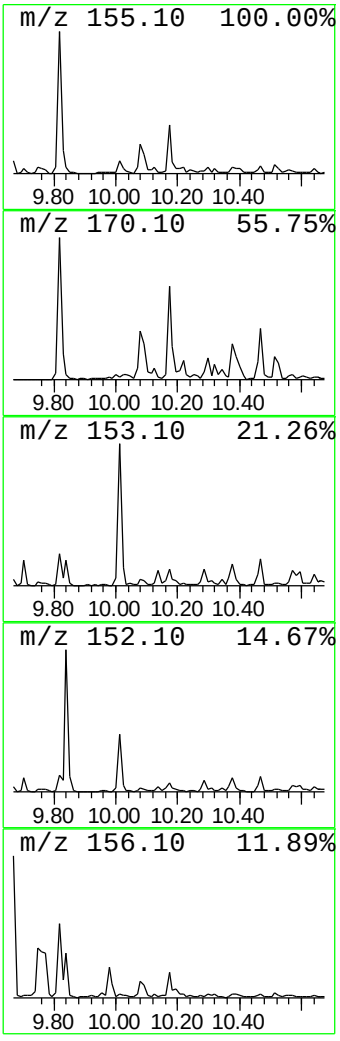
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	8.69 ng	473370	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	80





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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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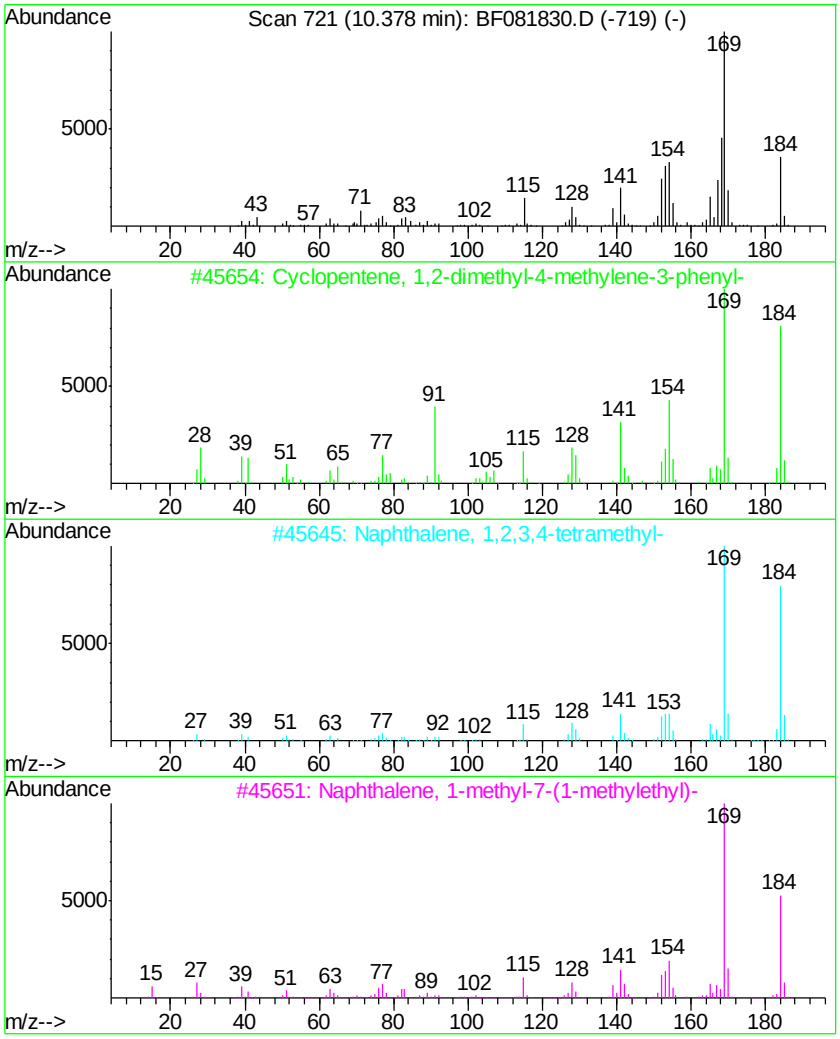
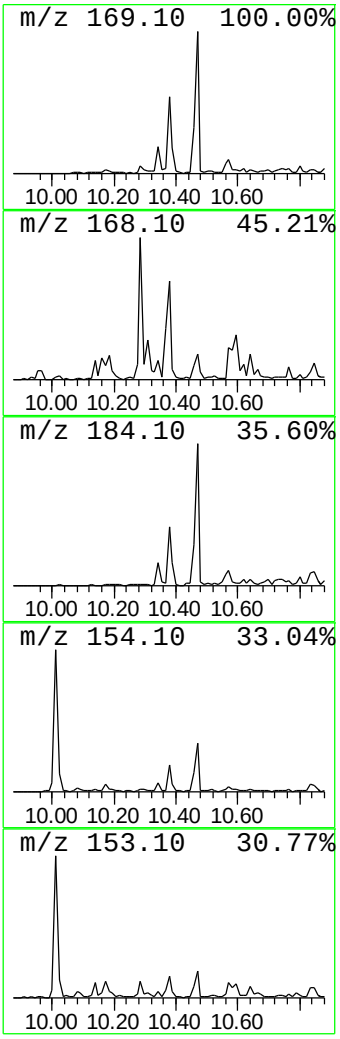
Peak Number 10 Cyclopentene, 1,2-dimethyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	10.20 ng	555558	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	62
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	52
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	43
5	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43





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Instrument : BNA_F
ClientSampleId : MW-12B

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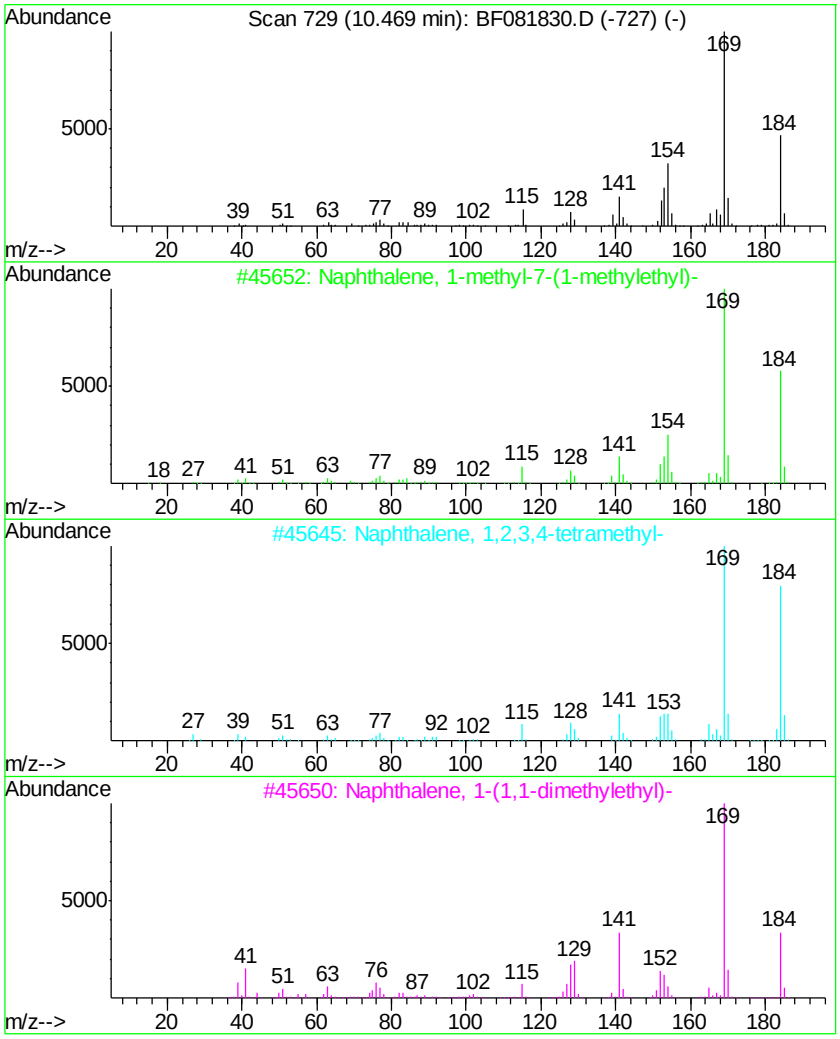
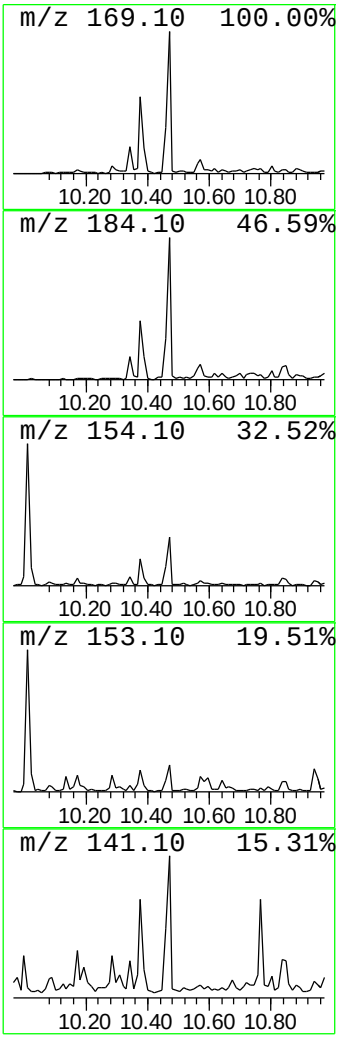
Peak Number 11 Naphthalene, 1-methyl-7-(1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	10.38 ng	565486	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	96
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	81
4	Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	64
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	58





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-12B

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TIC Library : C:\DATABASE\NIST02.L
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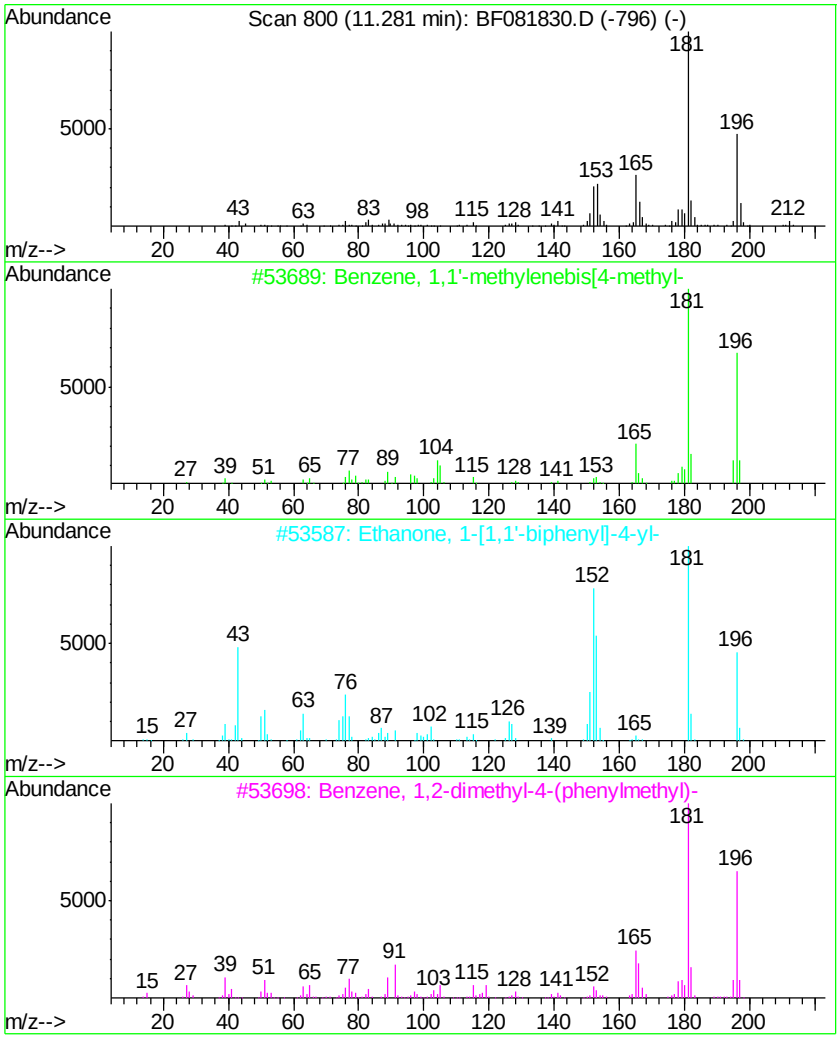
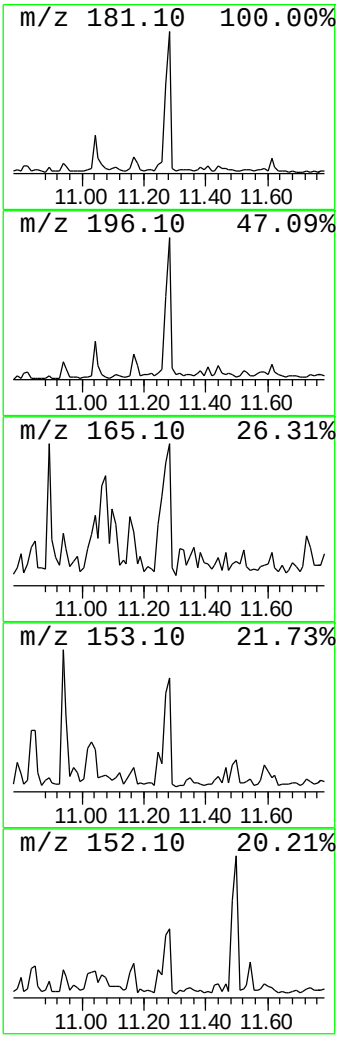
Peak Number 12 Benzene, 1,1'-methylenebis[... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	8.34 ng	650600	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	81
2	Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	74
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	68
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
5	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	64





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TIC Library : C:\DATABASE\NIST02.L
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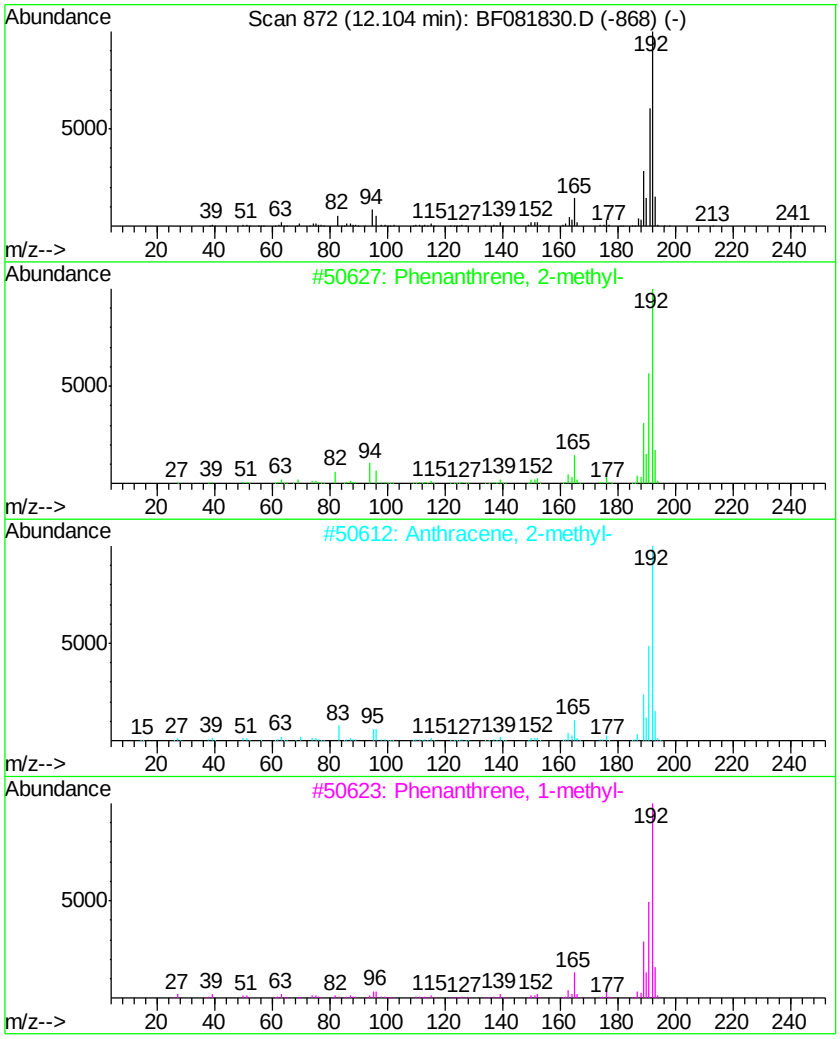
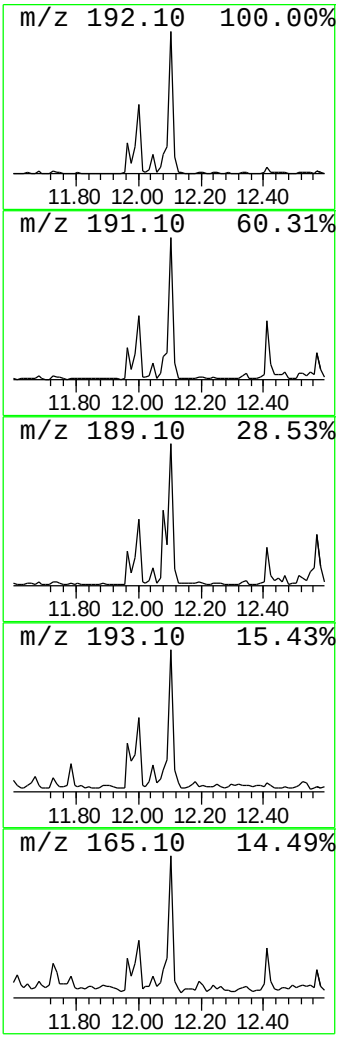
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	13.98 ng	1090640	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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
TIC Integration Parameters: LSCINT.P

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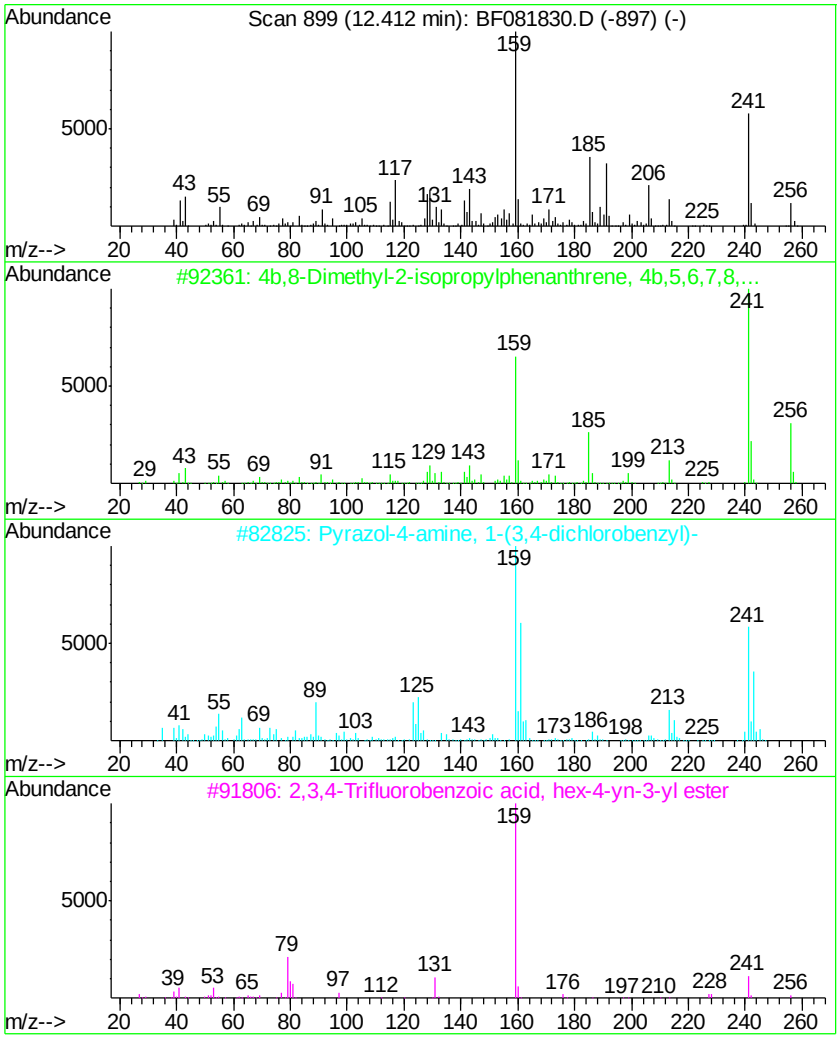
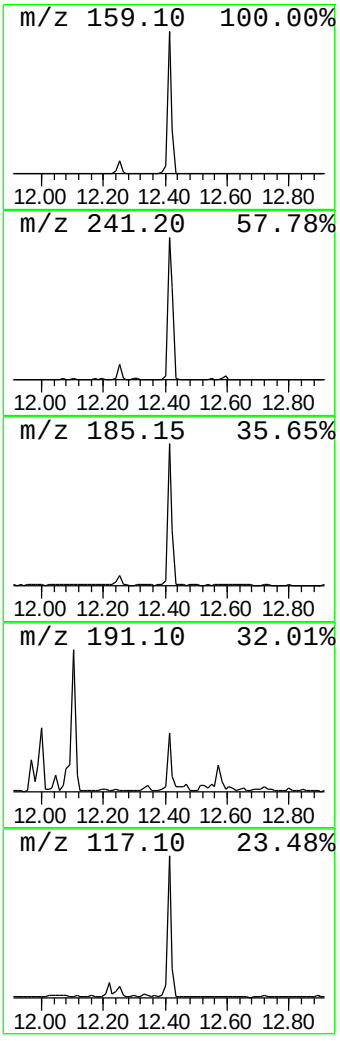
Peak Number 14 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	19.96 ng	1556700	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	46
3	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35





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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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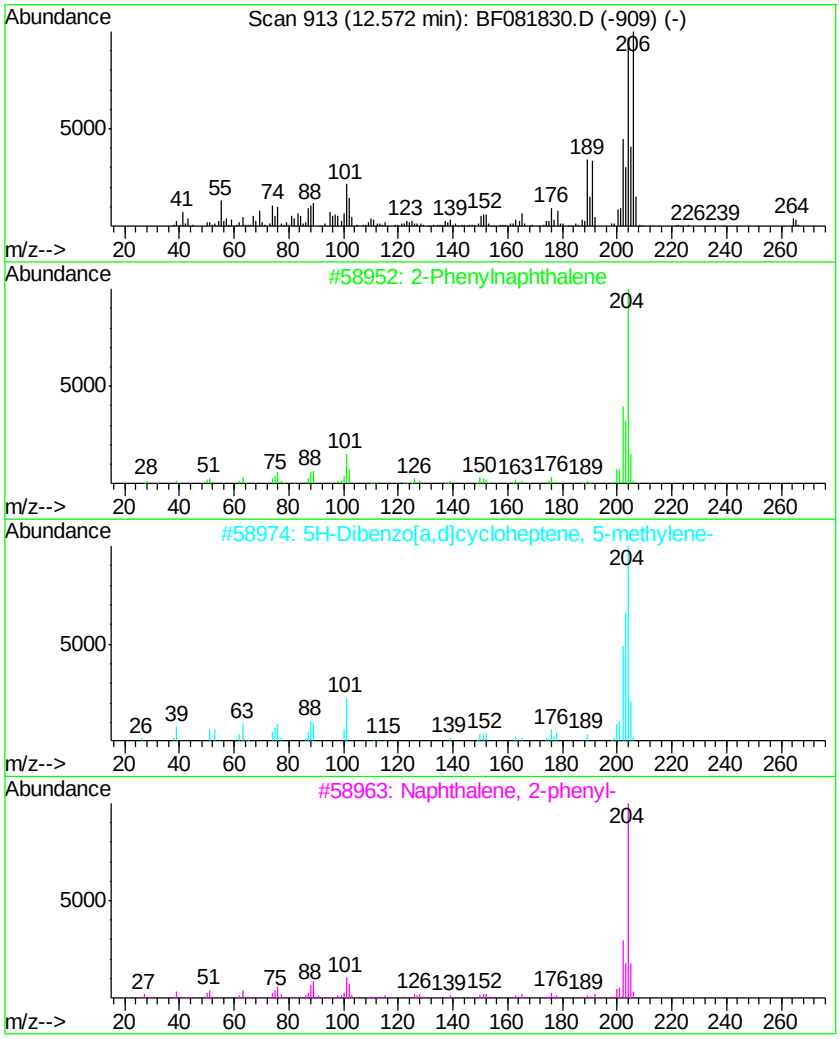
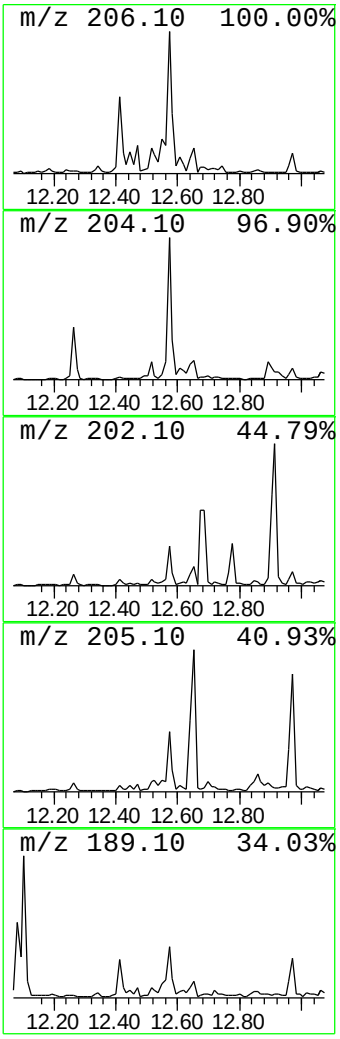
Peak Number 15 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	14.32 ng	1117220	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	80
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	44





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Sample : G3754-09
Misc :
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Instrument : BNA_F
ClientSampleId : MW-12B

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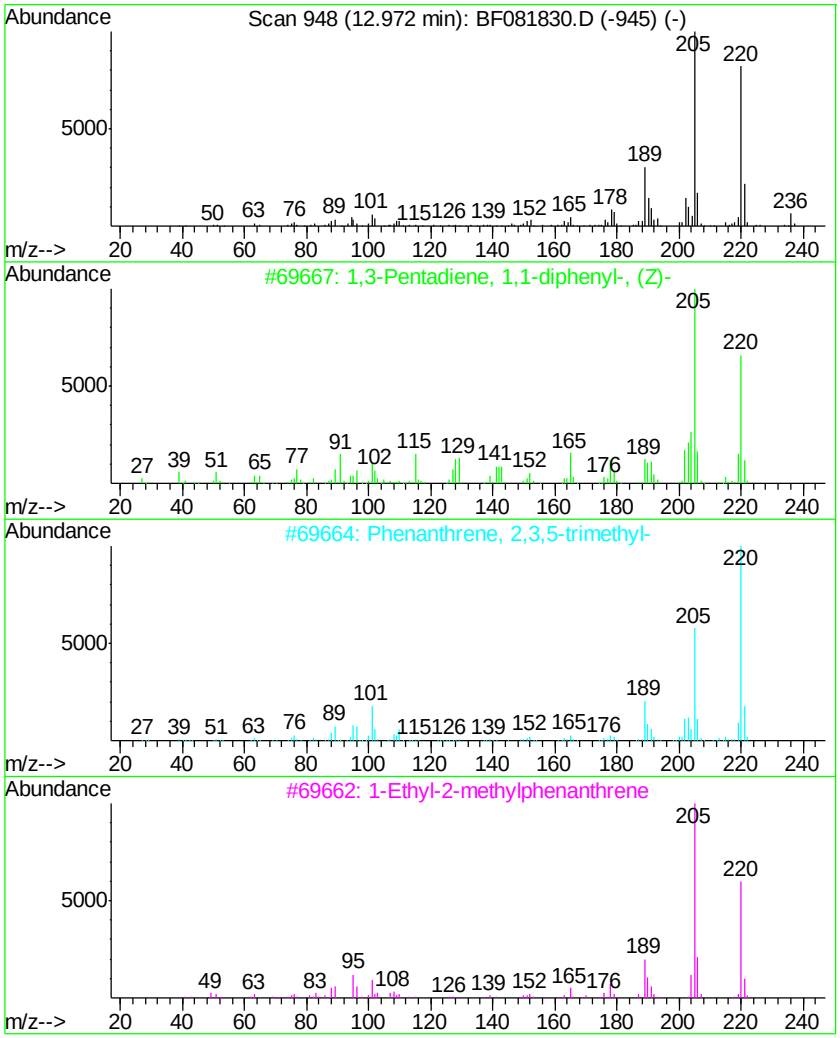
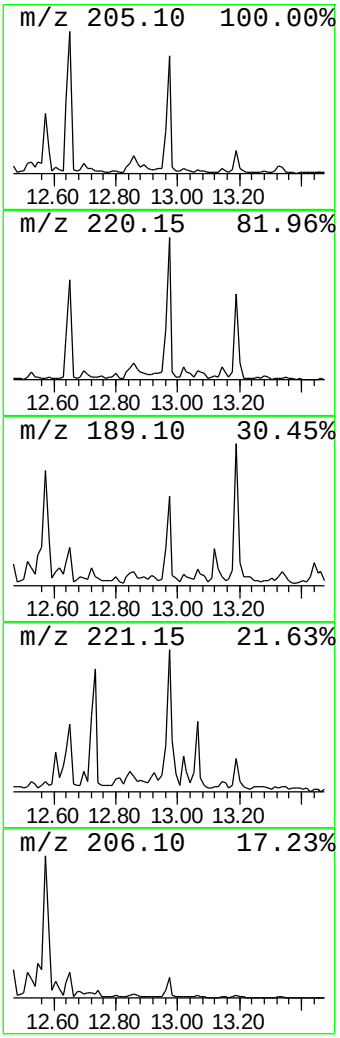
Peak Number 17 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	7.68 ng	395897	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	83
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	78
3	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	64
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
5	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	64





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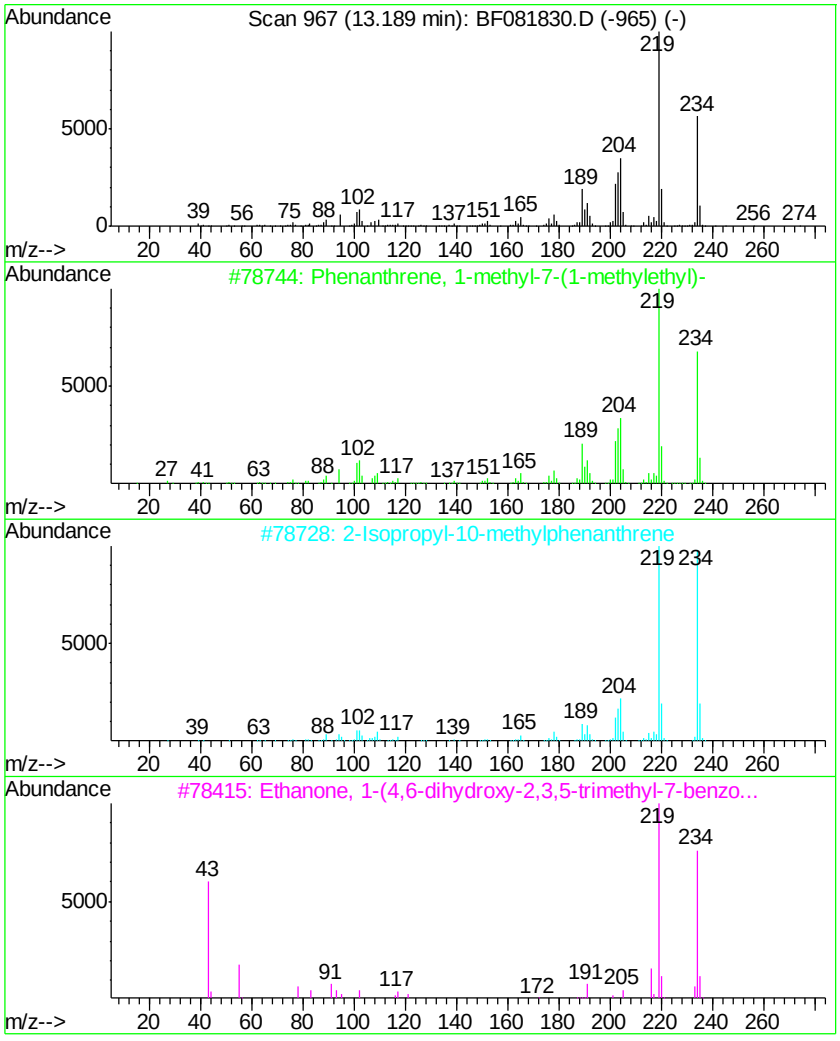
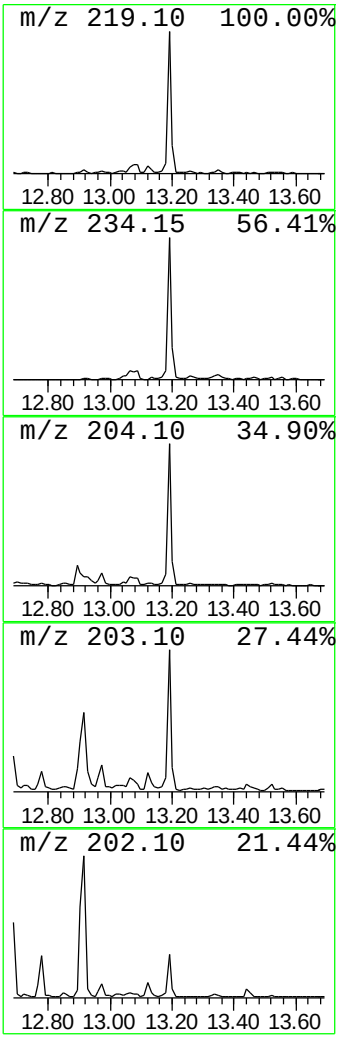
Peak Number 18 Phenanthrene, 1-methyl-7-(1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	14.55 ng	750186	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	50





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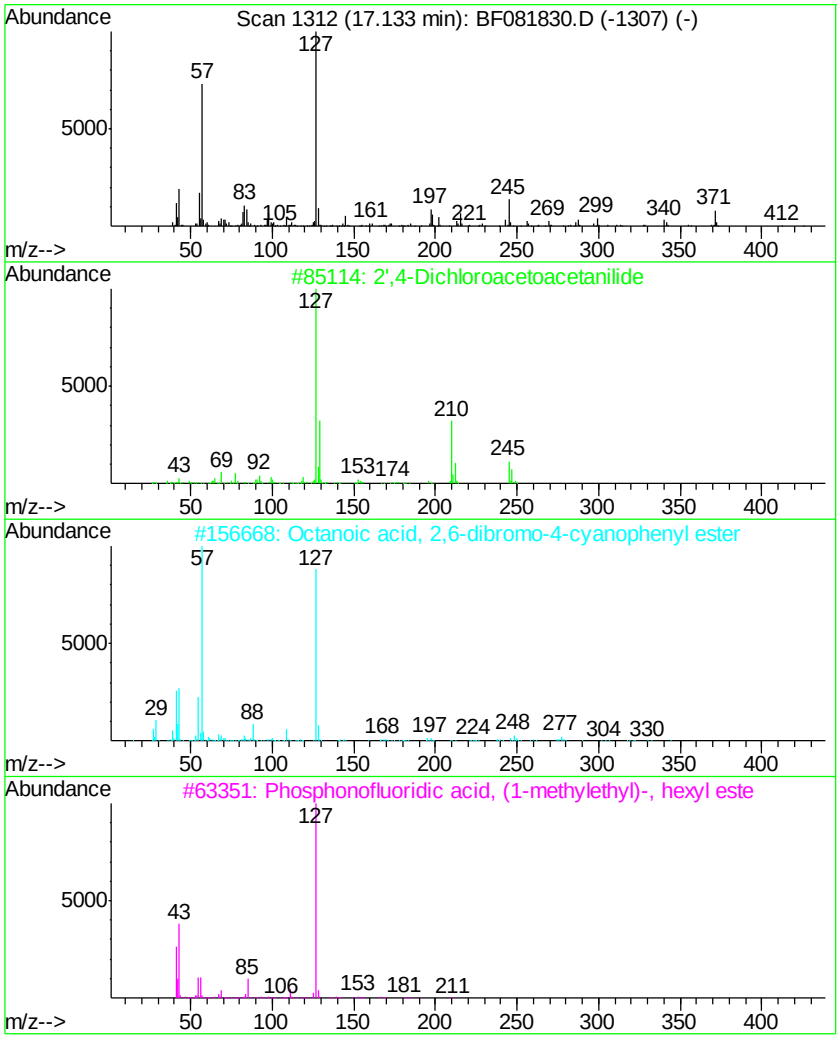
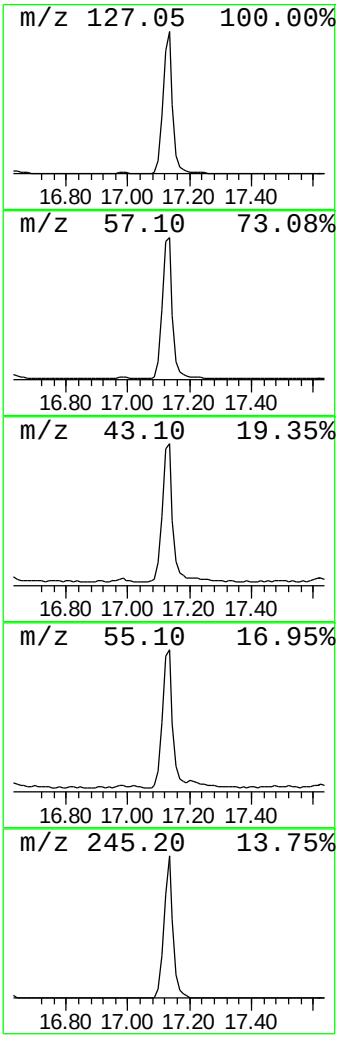
Peak Number 19 2',4-Dichloroacetoacetanilide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	44.25 ng	1677140	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',4-Dichloroacetoacetanilide	245	C10H9Cl2NO2	019359-28-5	64
2	Octanoic acid, 2,6-dibromo-4-cya...	401	C15H17Br2NO2	001689-99-2	53
3	Phosphonofluoridic acid, (1-meth...	210	C9H20FO2P	333416-32-3	50
4	2-Hexene, 1,1-diethoxy-	172	C10H20O2	054306-00-2	42
5	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	42





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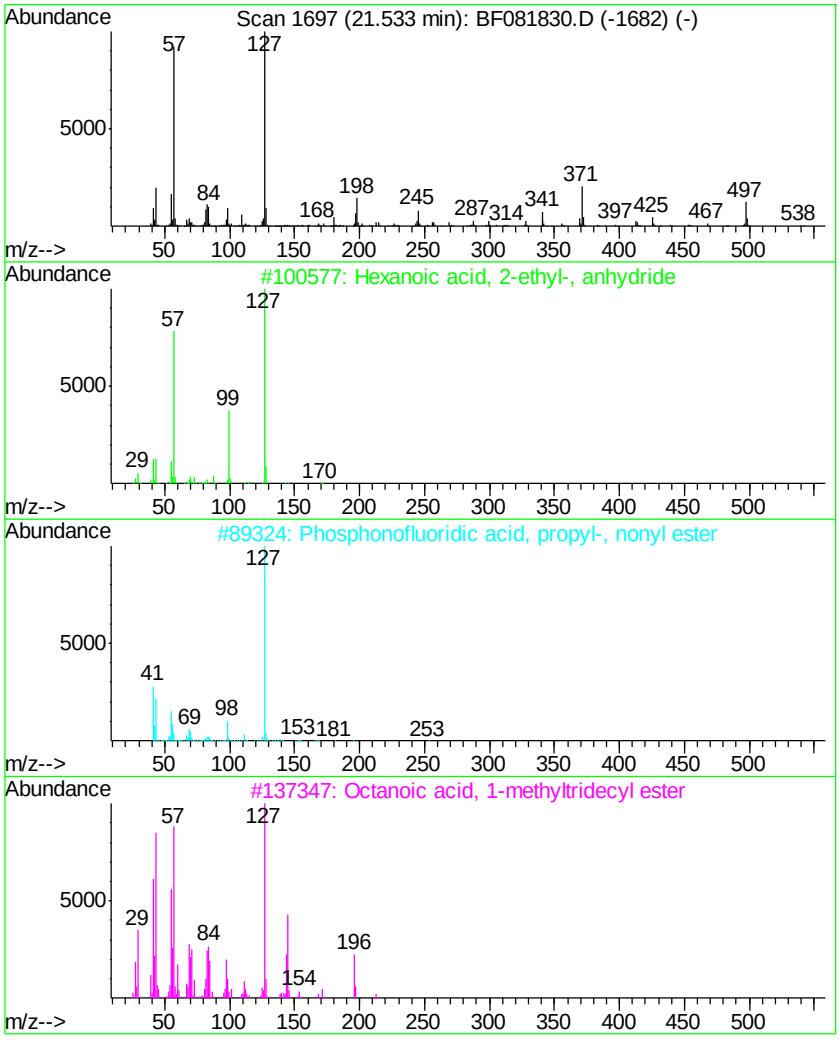
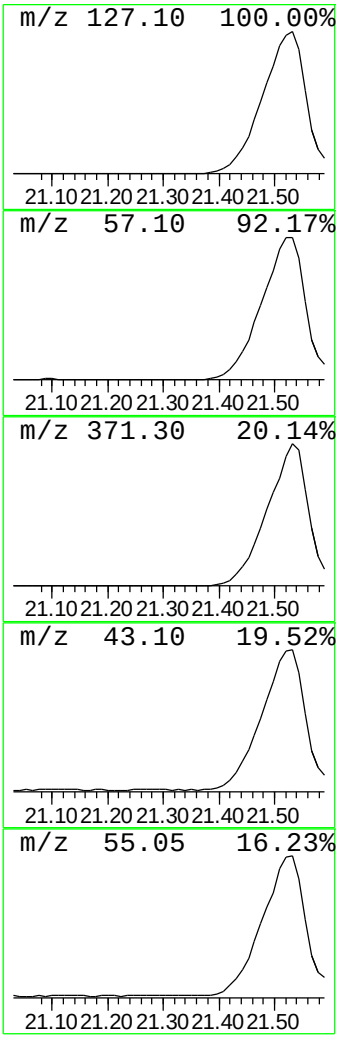
Peak Number 20 unknown21.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	189.65 ng	7188840	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	43
2	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37
3	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	37
4	Octanoic acid, 2,6-dibromo-4-cya...	401	C15H17Br2NO2	001689-99-2	37
5	2-Mercaptopyridine-N-oxide	127	C5H5NOS	001121-31-9	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081830.D
Acq On : 26 Sep 2015 16:25
Operator : UM/IZ
Sample : G3754-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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...	5.15	137.2	ng	5247330	1	6.94	765062	20.0
Benzene, 1-ethyl-...	6.46	7.3	ng	281287	1	6.94	765062	20.0
unknown6.70	6.70	31.4	ng	1200750	1	6.94	765062	20.0
Benzene, 1-ethyl-...	7.58	8.3	ng	317555	1	6.94	765062	20.0
Octanoic acid, me...	7.69	12.3	ng	1100290	2	8.23	1782750	20.0
Naphthalene, 1-et...	9.50	13.6	ng	741035	3	9.98	1089410	20.0
Naphthalene, 1,4,...	10.17	8.7	ng	473370	3	9.98	1089410	20.0
Cyclopentene, 1,2...	10.38	10.2	ng	555558	3	9.98	1089410	20.0
Naphthalene, 1-me...	10.47	10.4	ng	565486	3	9.98	1089410	20.0
Benzene, 1,1'-met...	11.28	8.3	ng	650600	4	11.47	1559950	20.0
Phenanthrene, 2-m...	12.10	14.0	ng	1090640	4	11.47	1559950	20.0
4b,8-Dimethyl-2-i...	12.41	20.0	ng	1556700	4	11.47	1559950	20.0
2-Phenylnaphthalene	12.57	14.3	ng	1117220	4	11.47	1559950	20.0
1,3-Pentadiene, 1...	12.97	7.7	ng	395897	5	14.10	1031120	20.0
Phenanthrene, 1-m...	13.19	14.6	ng	750186	5	14.10	1031120	20.0
2',4-Dichloroacet...	17.13	44.3	ng	1677140	6	15.58	758116	20.0
unknown21.53	21.53	189.7	ng	7188840	6	15.58	758116	20.0