LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

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-BF092815.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	5.051	250	255	261	rBV	852102	1711661	10.32%	1.327%
2	5.303	275	277	279	rBV	170805	176889	1.07%	0.137%
3	5.463	288	291	293	rBV	1802476	2463818	14.85%	1.909%
4	6.000	334	338	341	rBV	228461	320229	1.93%	0.248%
5	6.297	363	364	366	rVV	220563	212858	1.28%	0.165%
6	6.492	378	381	383	rVV	2053800	2520986	15.19%	1.954%
7	6.526	383	384	386	rVV	503954	492692	2.97%	0.382%
8	6.617	390	392	395	rVV	2107034	2649540	15.97%	2.053%
9	6.674	395	397	400	rVB	217193	279242	1.68%	0.216%
10	6.857	410	413	416	rBV2	476492	845424	5.10%	0.655%
11	6.903	416	417	421	rVB	679615	705207	4.25%	0.547%
12	7.040	423	429	431	rBV2	3809491	6945816	41.86%	5.383%
13	7.097	431	434	438	rBV2	341804	628605	3.79%	0.487%
14	7.189	438	442	444	rVB3	309690	685512	4.13%	0.531%
15	7.234	444	446	448	rBV2	272925	392110	2.36%	0.304%
16	7.314	451	453	456	rBV	173607	204281	1.23%	0.158%
17	7.394	456	460	461	rBV	622409	1188648	7.16%	0.921%
18	7.429	461	463	465	rVB	1492872	1951675	11.76%	1.513%
19	7.497	465	469	471	rVB3	378650	455950	2.75%	0.353%
20	7.554	471	474	476	rBV4	283325	685763	4.13%	0.531%
21	7.634	476	481	482	rBV2	342998	772925	4.66%	0.599%
22	7.760	488	492	494	rBV4	437940	1165980	7.03%	0.904%
23	7.817	494	497	499	rVB3	688090	1141261	6.88%	0.884%
24	7.875	499	502	505	rBV2	1009389	2361551	14.23%	1.830%
25	7.943	505	508	512	rVB4	524782	1578192	9.51%	1.223%
26	8.023	512	515	516	rBV	256817	359980	2.17%	0.279%
27	8.183	519	529	532	rBV2	5276150	16592106	100.00%	12.859%
28	8.297	537	539	541	rBV3	333851	748668	4.51%	0.580%
29	8.343	541	543	544	rVB	485150	472199	2.85%	0.366%
30	8.435	547	551	554	rBV5	1004223	2292466	13.82%	1.777%
31	8.492	554	556	557	rVB2	242995	277316	1.67%	0.215%
32	8.526	557	559	560	rVB	712904	822068	4.95%	0.637%
33	8.560	560	562	565	rBV	1105124	2235310	13.47%	1.732%
34	8.652	567	570	571	rVB3	323273	348785	2.10%	0.270%

LSC Area Percent Report

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Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.686	571	573	576	rBV3	332435	817145	4.92%	0.633%
36	8.732	576	577	579	rBV2	330972	526098	3.17%	0.408%
37	8.835	584	586	587	rVV	712800	1087735	6.56%	0.843%
38	8.869	587	589	590	rVB	2963626	3180588	19.17%	2.465%
39	8.960	594	597	601	rVB	2174793	3184157	19.19%	2.468%
40	9.017	601	602	603	rBV	600863	597672	3.60%	0.463%
41	9.052	603	605	607	rVB3	600583	1029147	6.20%	0.798%
42	9.086	607	608	610	rBV2	215654	279364	1.68%	0.217%
43	9.166	613	615	617	rVB	1905320	1767469	10.65%	1.370%
44	9.223	617	620	622	rVB	2502577	2604003	15.69%	2.018%
45	9.303	624	627	629	rBV3	647110	1236962	7.46%	0.959%
46	9.418	635	637	640	rVB	1128360	1213570	7.31%	0.941%
47	9.486	640	643	645	rBV	1294927	1926185	11.61%	1.493%
48	9.532	645	647	648	rVV2	326753	558850	3.37%	0.433%
49	9.566	648	650	653	rVV3	1590657	4046117	24.39%	3.136%
50	9.623	653	655	656	rVV	2434644	2733621	16.48%	2.119%
51	9.680	658	660	663	rVV	849347	1242598	7.49%	0.963%
52	9.760	666	667	669	rVB2	716457	649433	3.91%	0.503%
53	9.806	669	671	673	rBV	480645	480499	2.90%	0.372%
54	9.898	673	679	681	rBV5	788424	2323041	14.00%	1.800%
55	9.932	681	682	687	rVB	1456312	2162913	13.04%	1.676%
56	10.000	687	688	691	rBV2	627720	975278	5.88%	0.756%
57	10.058	691	693	695	rBV3	479399	1033438	6.23%	0.801%
58	10.092	695	696	699	rVB2	816148	1312775	7.91%	1.017%
59	10.149	699	701	705	rVB3	961157	1926518	11.61%	1.493%
60	10.218	705	707	708	rBV	692732	741922	4.47%	0.575%
61	10.252	708	710	713	rVB2	349271	853308	5.14%	0.661%
62	10.309	713	715	718	rBV	594675	1046769	6.31%	0.811%
63	10.355	718	719	720	rBV	388556	337228	2.03%	0.261%
64	10.389	720	722	724	rVB2	318532	527000	3.18%	0.408%
65	10.446	725	727	730	rBV2	921697	1208733	7.28%	0.937%
66	10.549	733	736	738	rBV	1704875	2343802	14.13%	1.816%
67	10.698	745	749	750	rBV4	692442	1254355	7.56%	0.972%
68	10.812	757	759	763	rVB	2029432	3093871	18.65%	2.398%
69	10.892	763	766	768	rBV3	203003	495496	2.99%	0.384%
70	10.995	773	775	776	rVV2	595272	805116	4.85%	0.624%
71	11.029	776	778	781	rVB3	481607	627000	3.78%	0.486%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.143	786	788	790	rBV	370232	376904	2.27%	0.292%
73	11.281	797	800	803	rVB	1955204	2343698	14.13%	1.816%
74	11.383	808	809	810	rBV	584737	777684	4.69%	0.603%
75	11.418	810	812	815	rVV	2155823	2299807	13.86%	1.782%
76	11.463	815	816	818	rVB	641005	475928	2.87%	0.369%
77	11.623	828	830	834	rVV	469527	600889	3.62%	0.466%
78	11.715	836	838	841	rVB2	340153	528883	3.19%	0.410%
79	11.886	851	853	854	rBV	464489	487449	2.94%	0.378%
80	11.921	854	856	858	rVV2	592466	766634	4.62%	0.594%
81	11.966	858	860	861	rVV	193388	192225	1.16%	0.149%
82	12.001	861	863	866	rVB3	791573	1191335	7.18%	0.923%
83	12.184	877	879	884	rVB3	211190	338994	2.04%	0.263%
84	12.355	893	894	899	rVB3	270834	475277	2.86%	0.368%
85	12.435	899	901	903	rBV2	324158	424117	2.56%	0.329%
86	12.595	914	915	918	rVB	602579	666869	4.02%	0.517%
87	12.698	921	924	927	rVV2	268288	423750	2.55%	0.328%
88	12.789	930	932	933	rVB2	212261	201903	1.22%	0.156%
89	12.824	933	935	938	rBV	729586	1029159	6.20%	0.798%
90	12.972	945	948	951	rVB	2099734	2431675	14.66%	1.885%
91	13.041	952	954	958	rVV3	145092	283334	1.71%	0.220%
92	13.155	960	964	966	rVV	199136	334491	2.02%	0.259%
93	13.224	968	970	972	rVV2	200135	275977	1.66%	0.214%
94	13.258	972	973	977	rVB	187813	215304	1.30%	0.167%
95	13.384	982	984	989	rVV2	112134	203725	1.23%	0.158%
96	13.864	1023	1026	1031	rVB2	190044	436062	2.63%	0.338%
97	14.024	1037	1040	1048	rVB2	702788	1272250	7.67%	0.986%
98	15.052	1127	1130	1133	rBV	121297	264800	1.60%	0.205%
99	15.395	1158	1160	1163	rVV	112466	189388	1.14%	0.147%
100	15.464	1163	1166	1172	rVB	380520	608393	3.67%	0.472%

Sum of corrected areas: 129032393

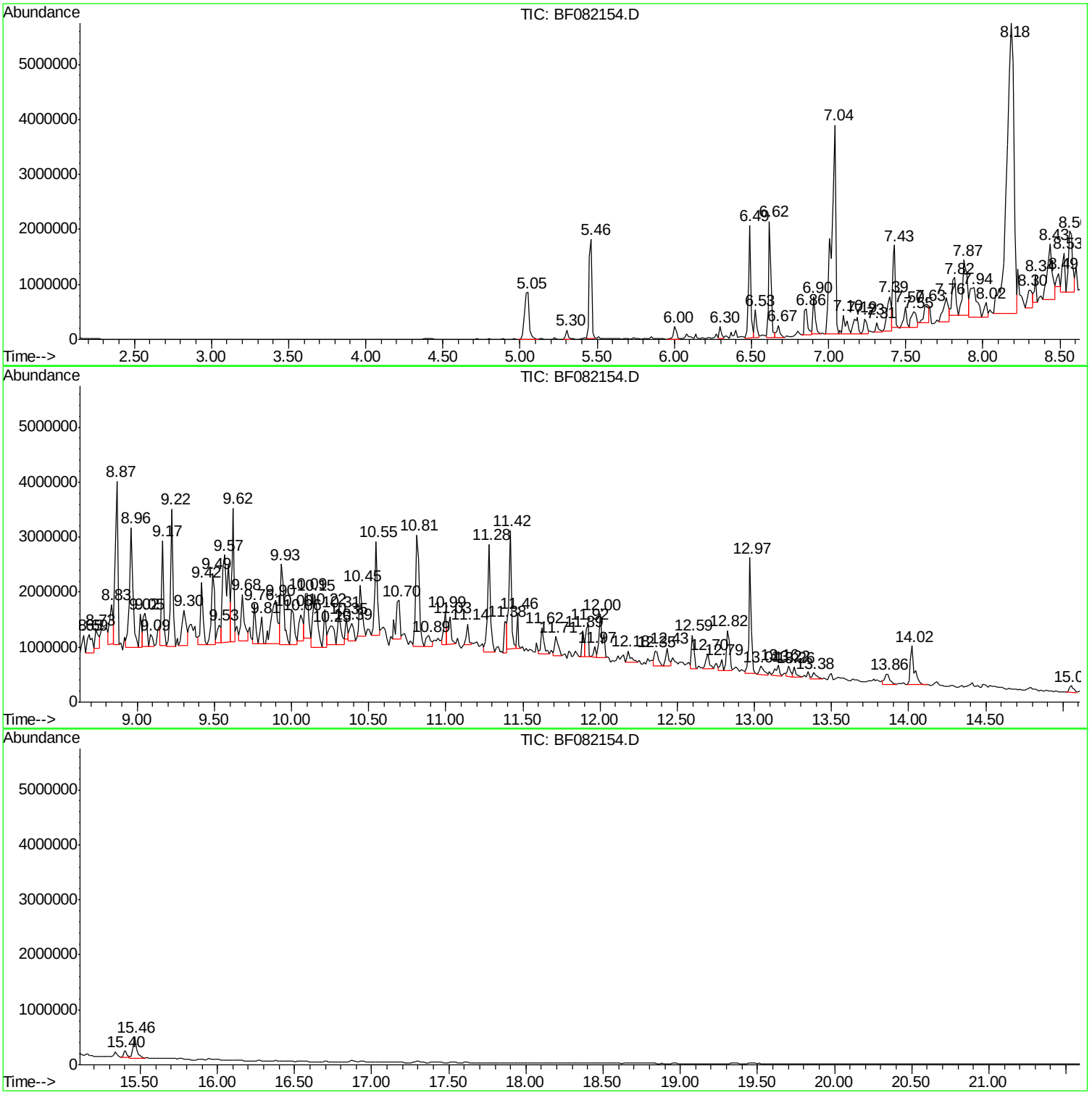
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

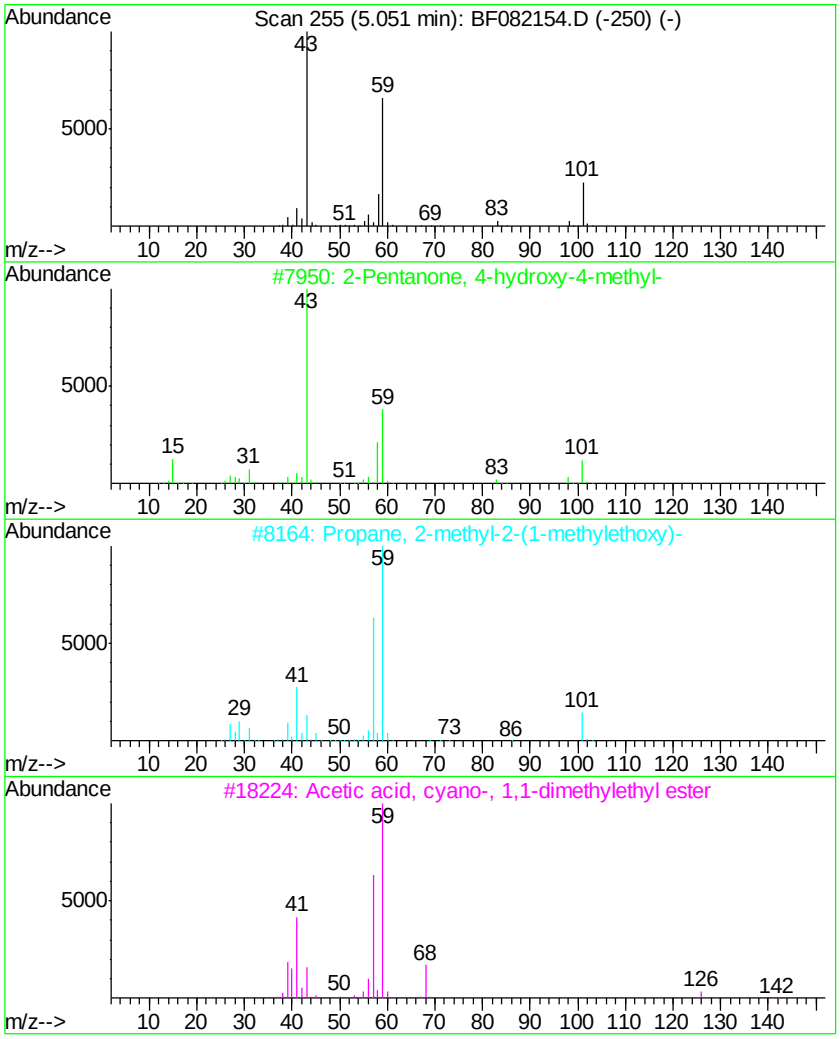
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

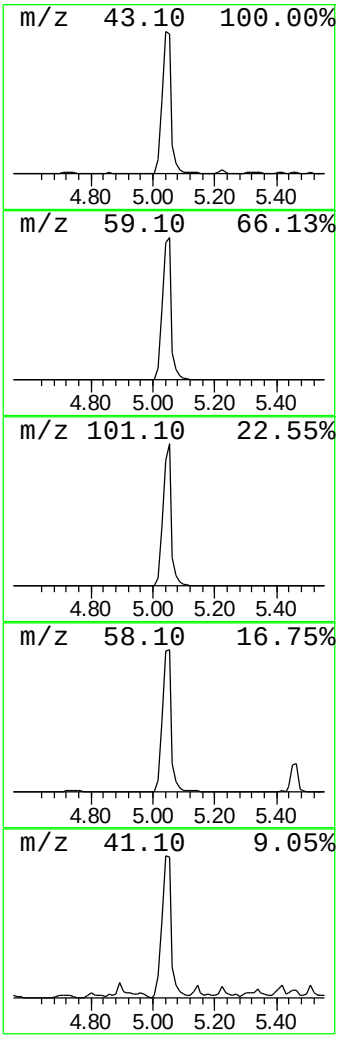
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	40.49 ng	1711660	1,4-Dichlorobenzene-d4	6.85

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	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

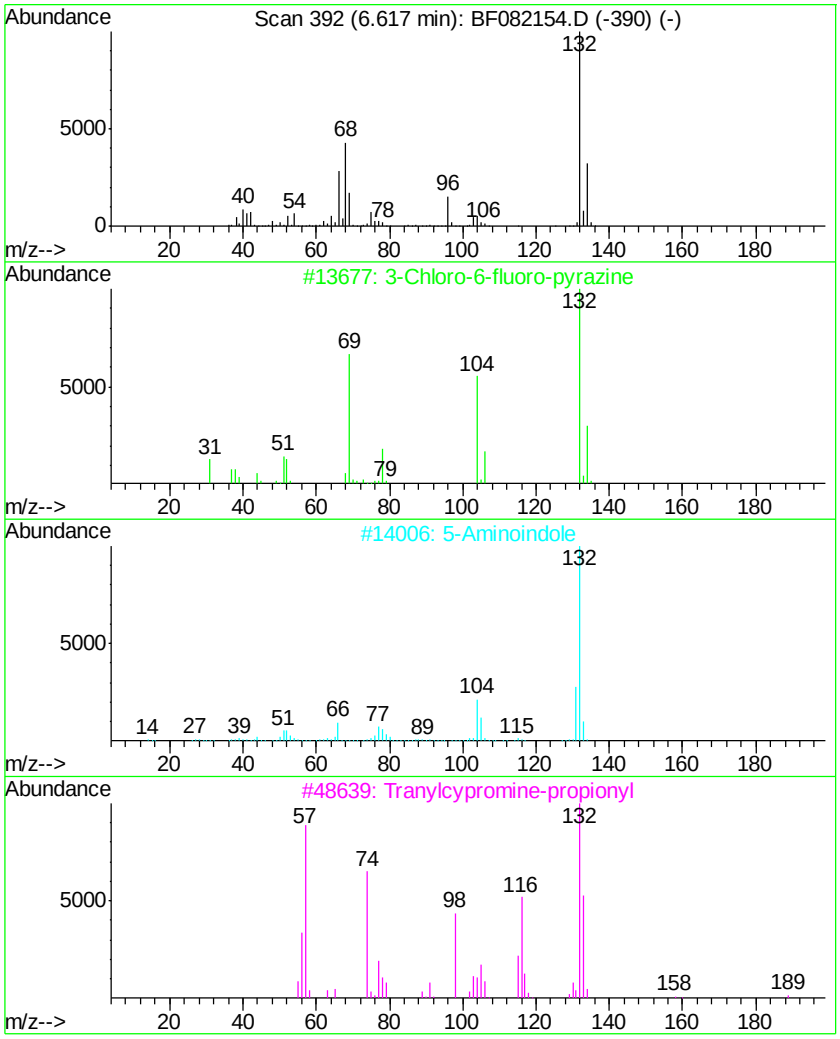
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

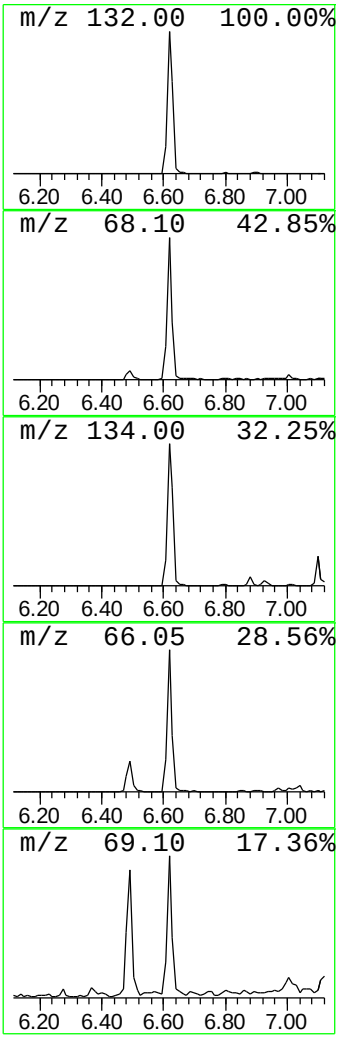
****

Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.68 ng	2649540	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
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	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF082154.D
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Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

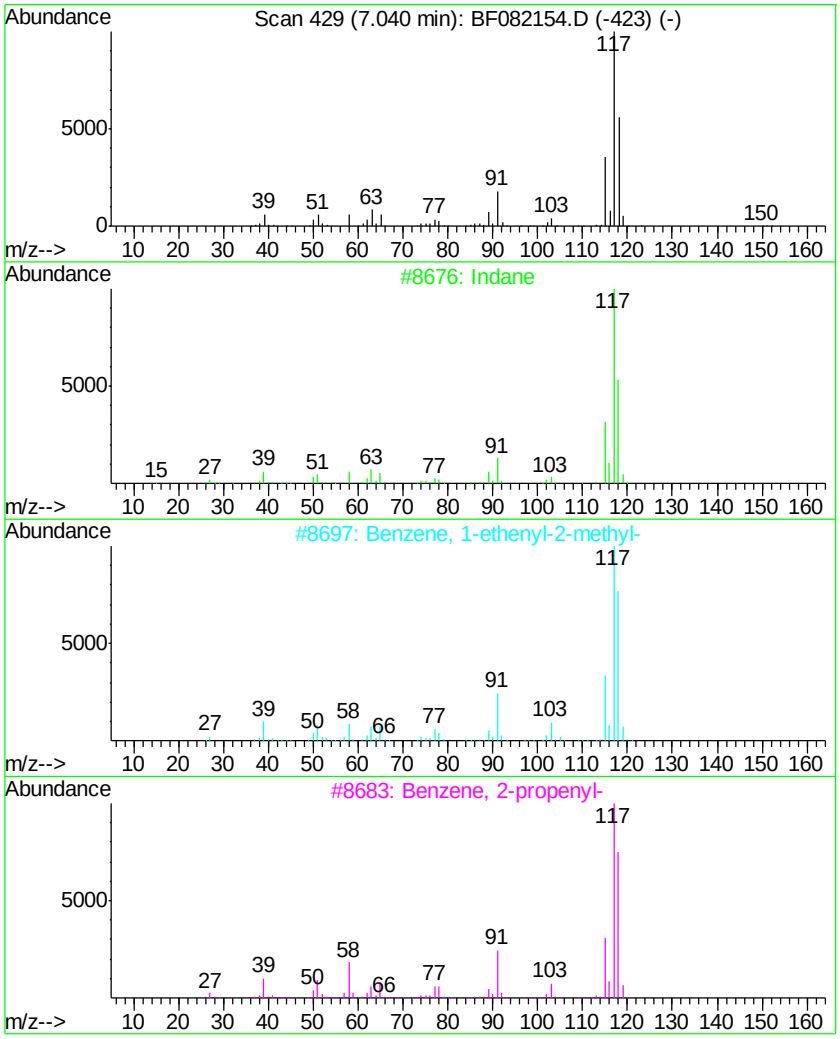
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

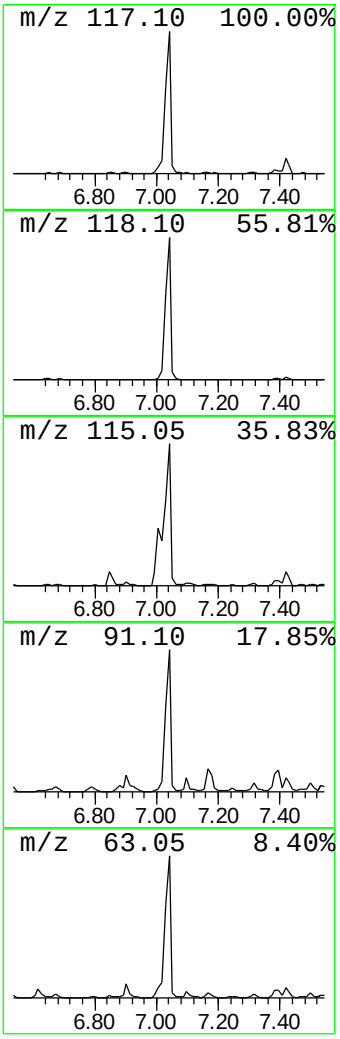
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	164.32 ng	6945820	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

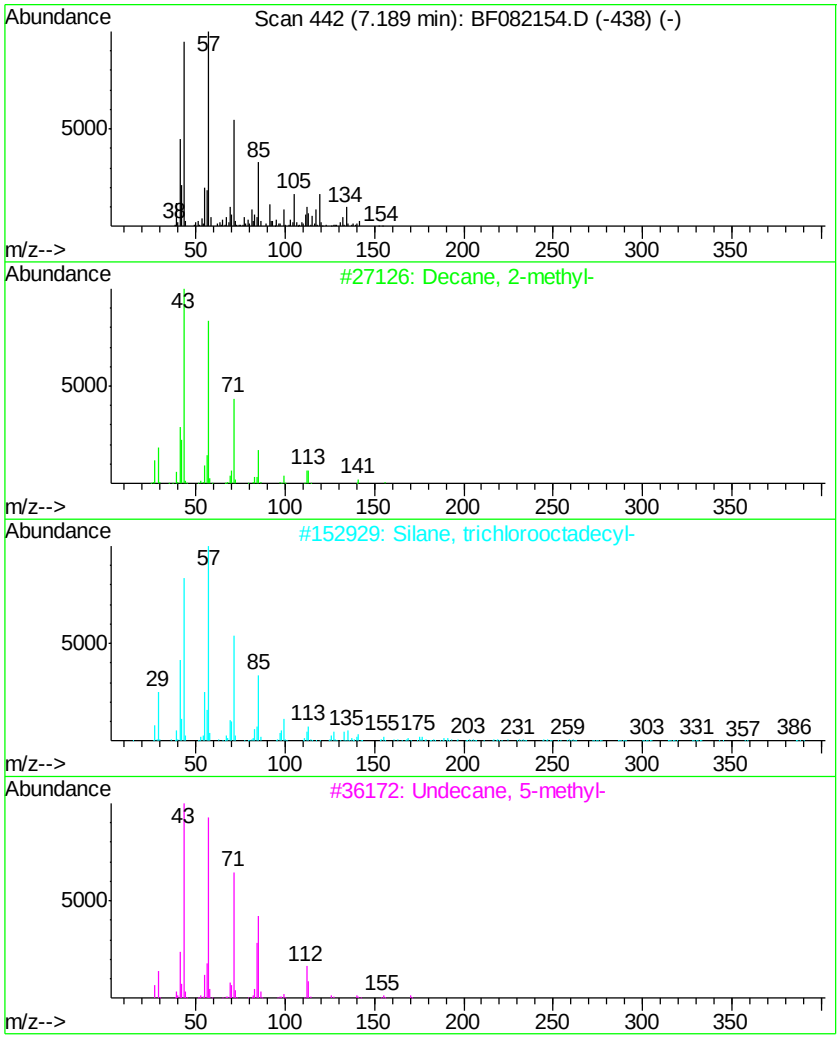
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

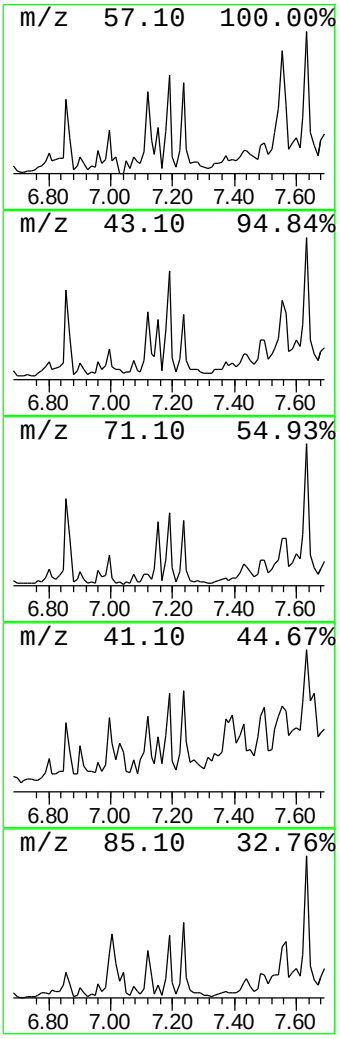
****

Peak Number 6 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	16.22 ng	685512	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	53
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4	Eicosane	282	C20H42	000112-95-8	49
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

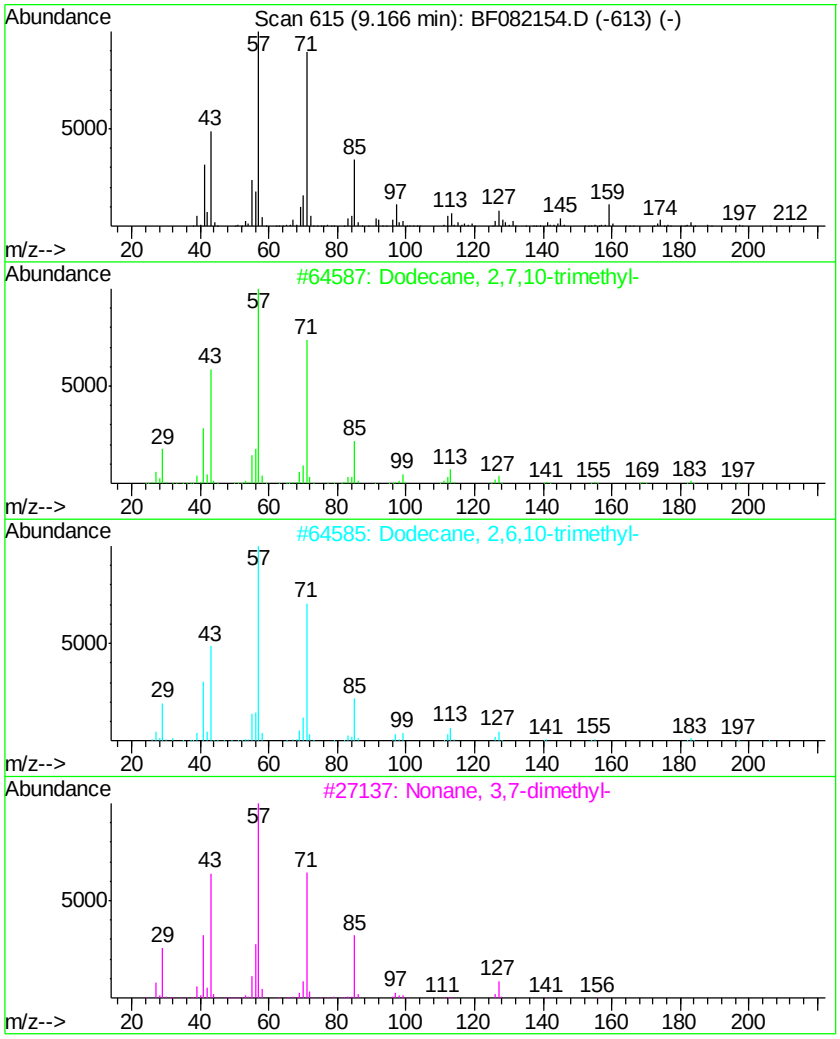
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

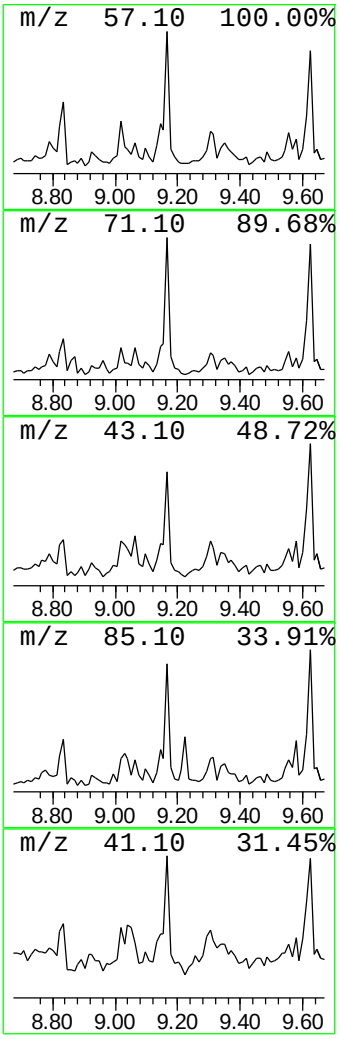
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	15.22 ng	1767470	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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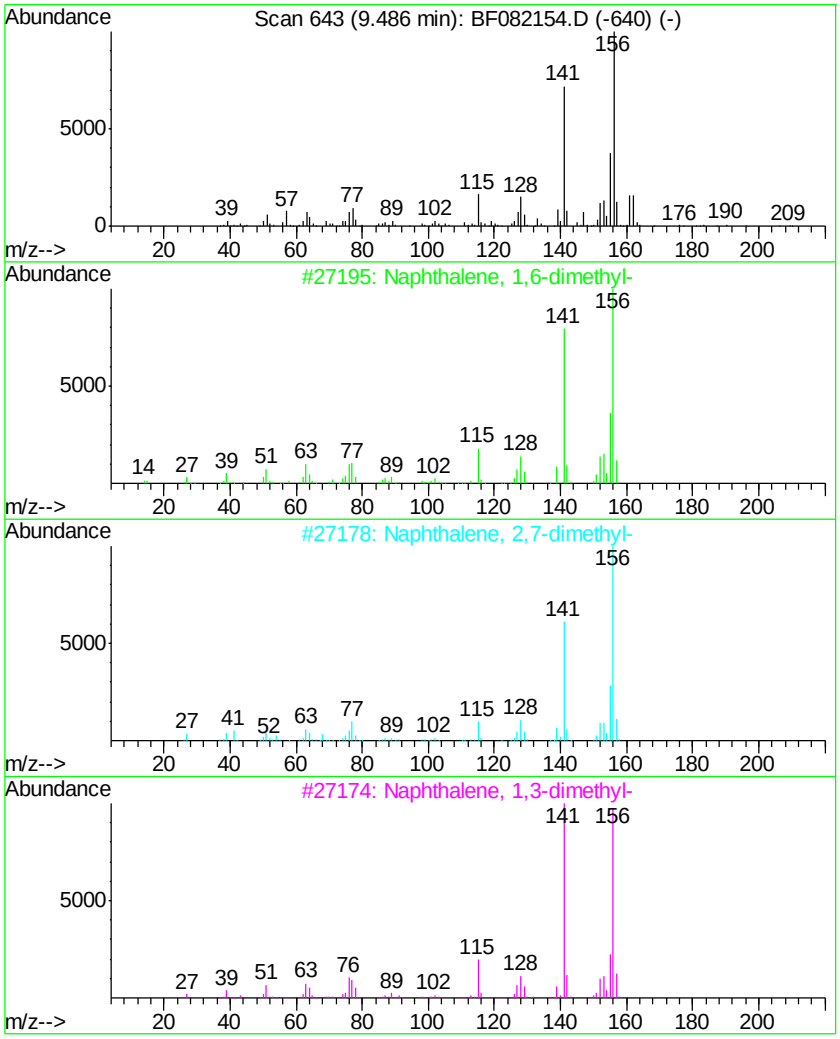
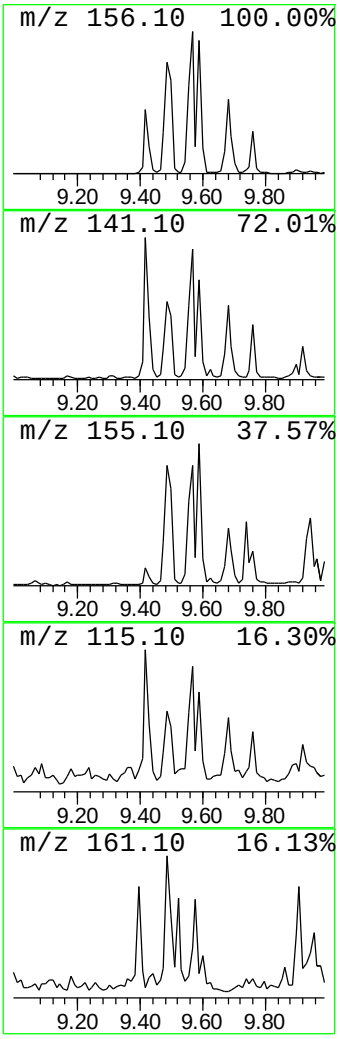
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	16.58 ng	1926190	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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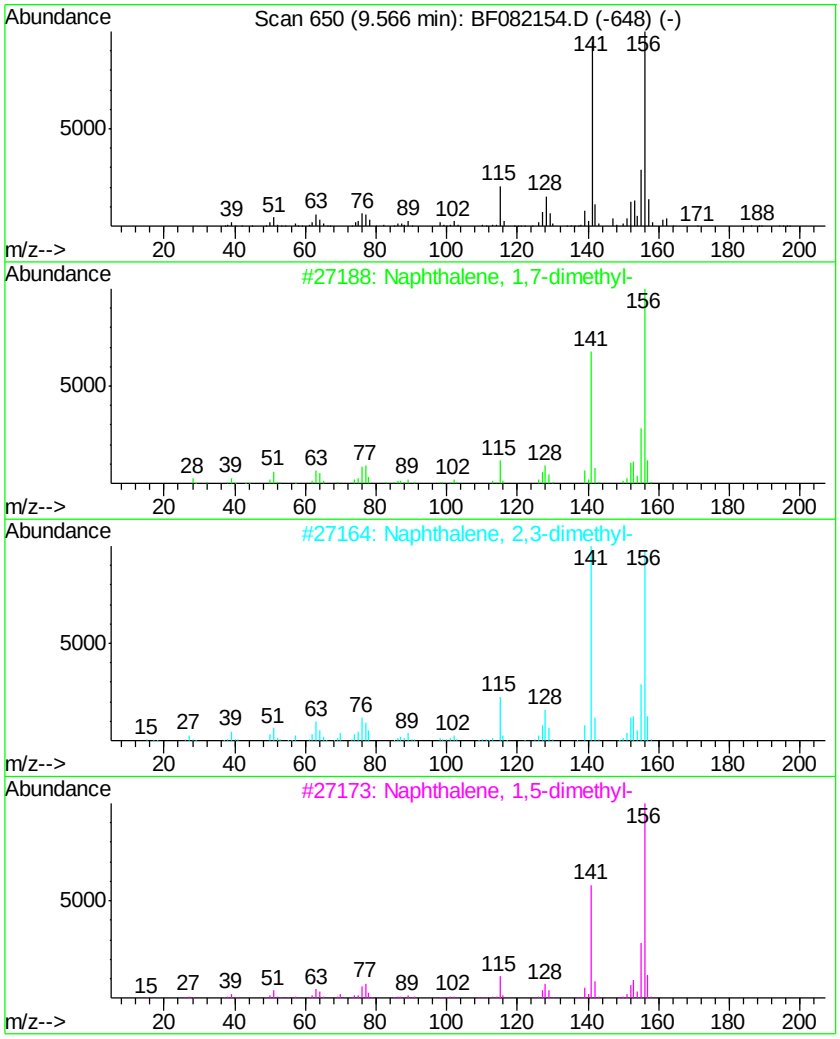
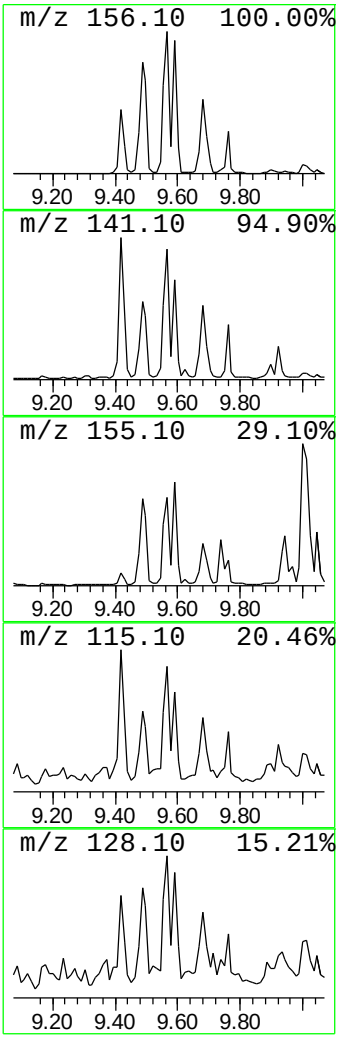
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	34.83 ng	4046120	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

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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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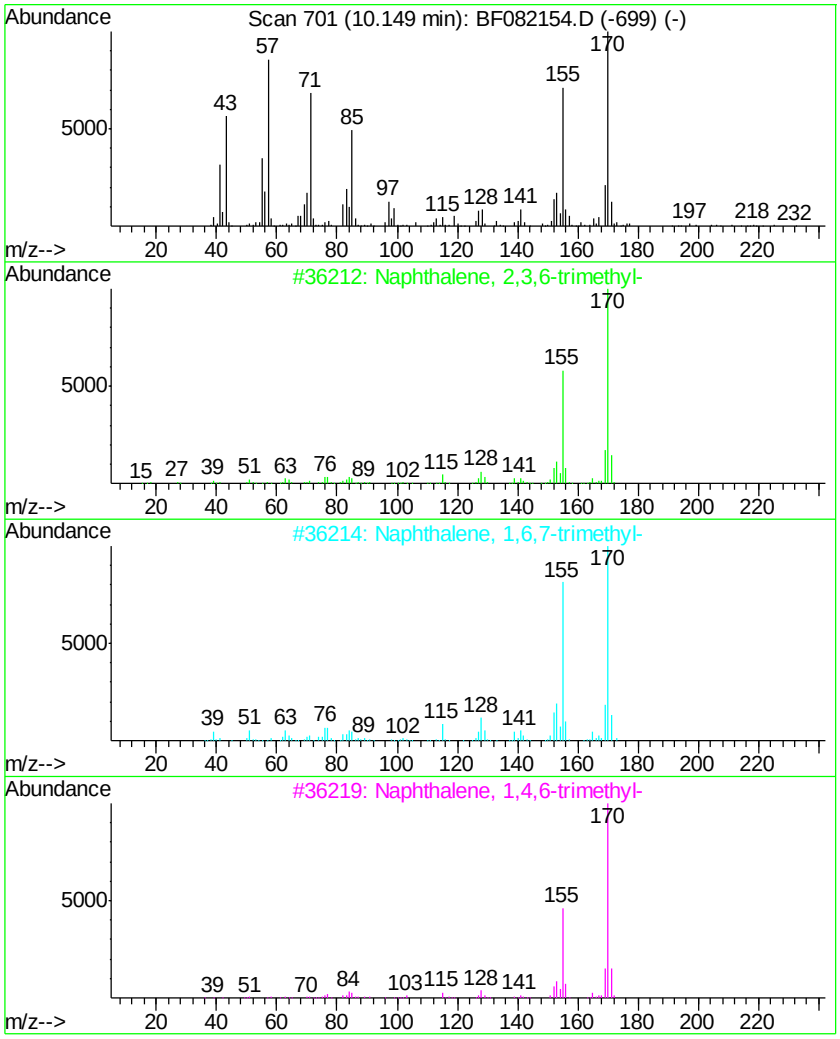
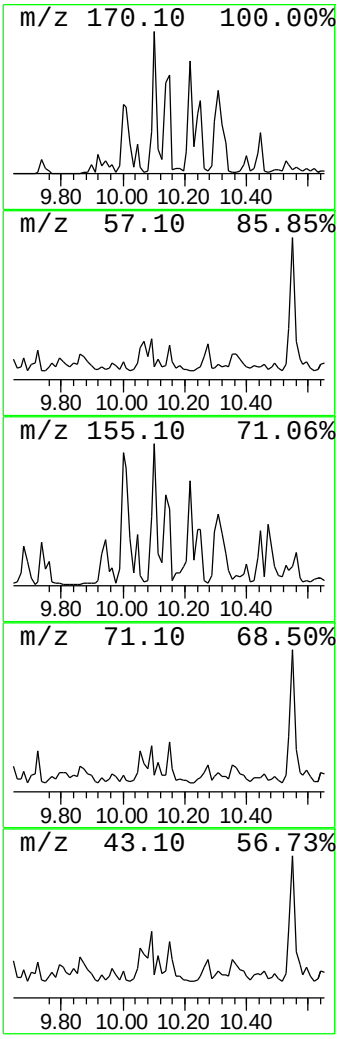
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	16.59 ng	1926520	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	52





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ClientSampleId : MGP123-5-7

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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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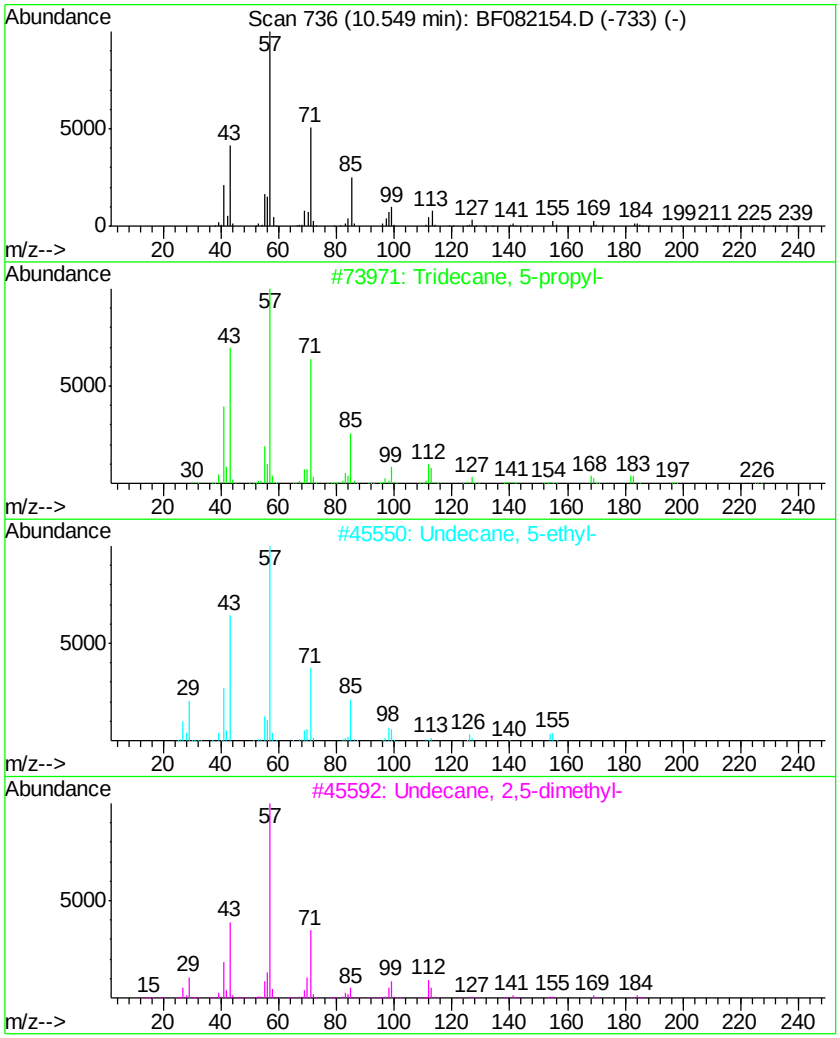
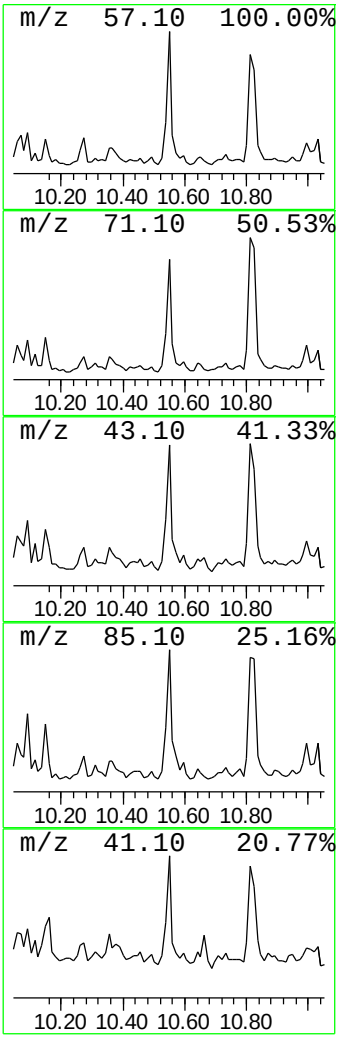
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	20.18 ng	2343800	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Tridecane	184	C13H28	000629-50-5	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

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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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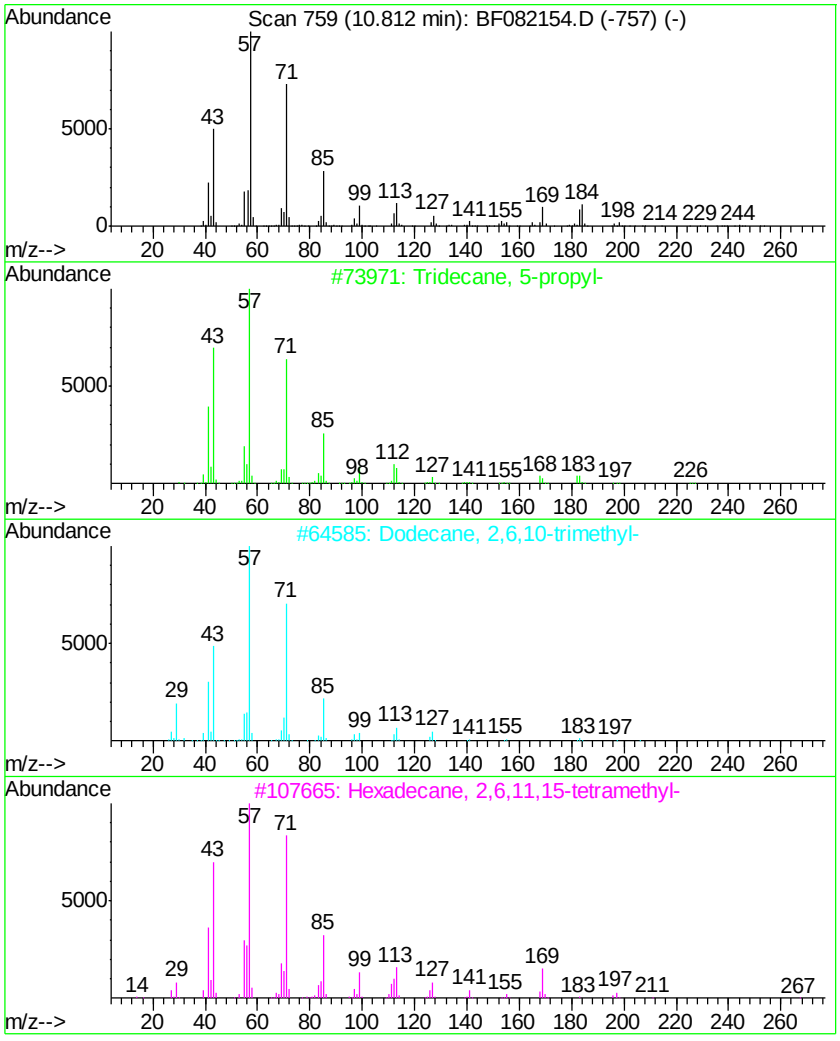
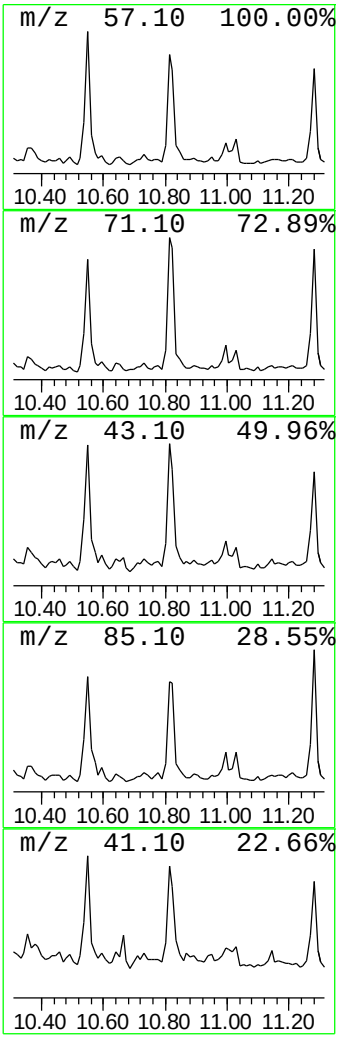
Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	79.57 ng	3093870	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49





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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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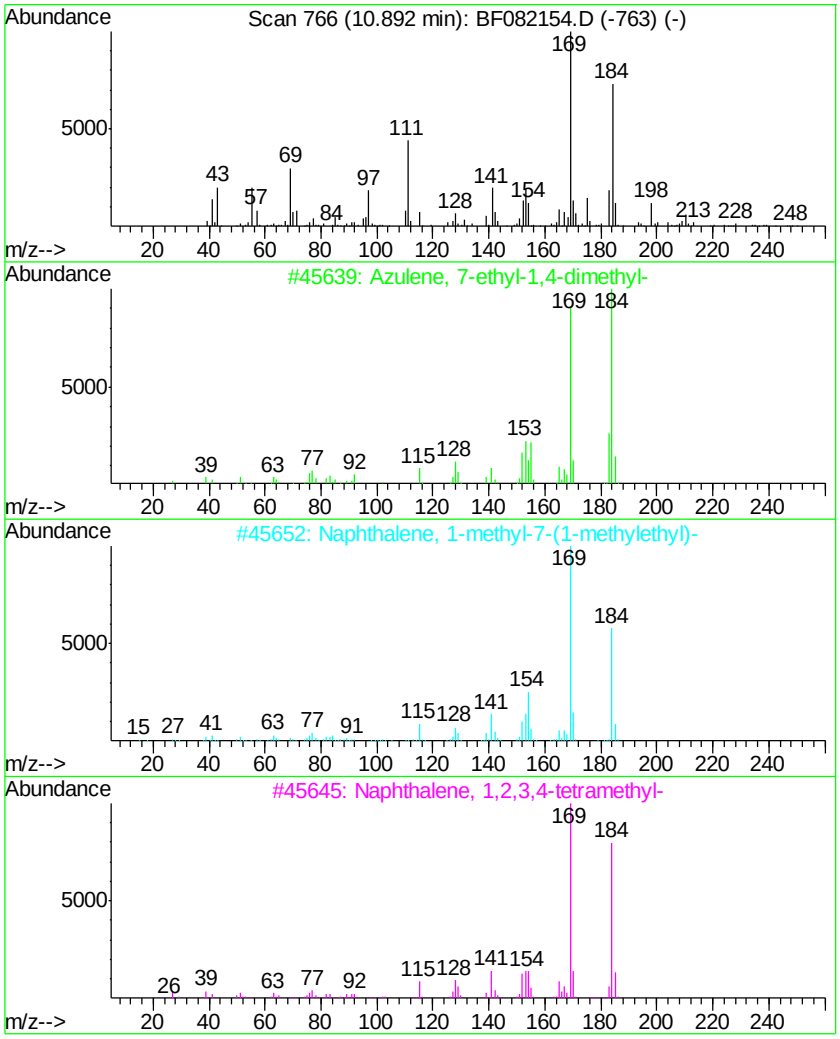
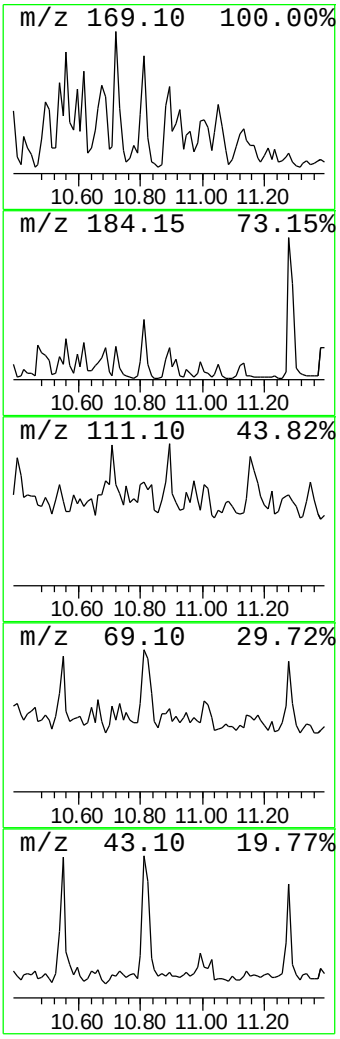
Peak Number 13 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	12.74 ng	495496	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	86
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	86
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	68
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	212	C10H16N2O3	000714-59-0	53





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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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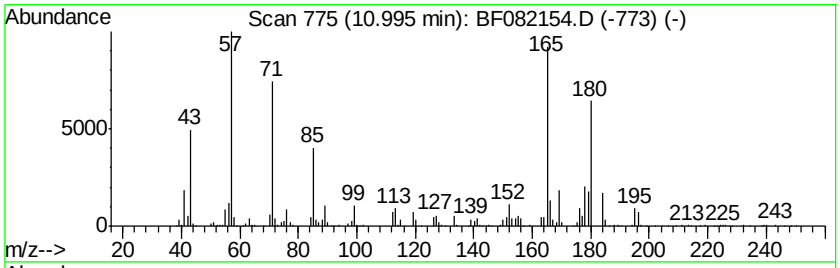
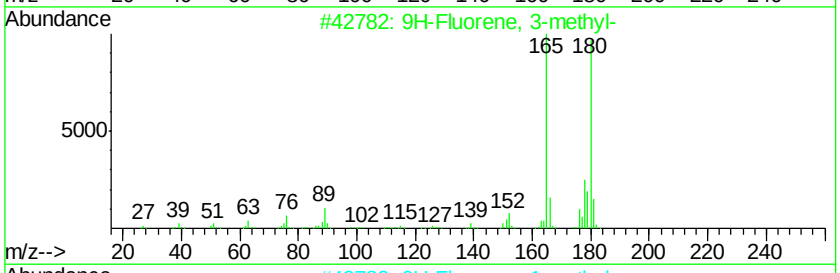
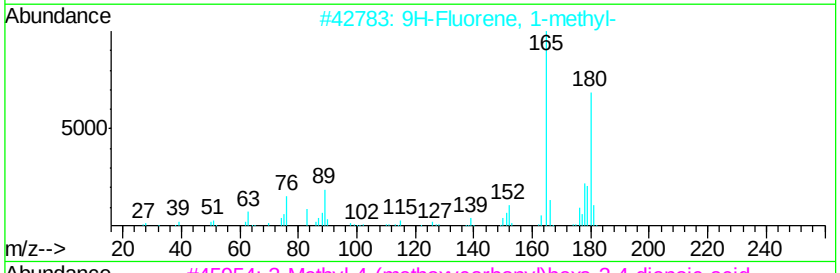
Peak Number 14 9H-Fluorene, 3-methyl- Concentration Rank 8

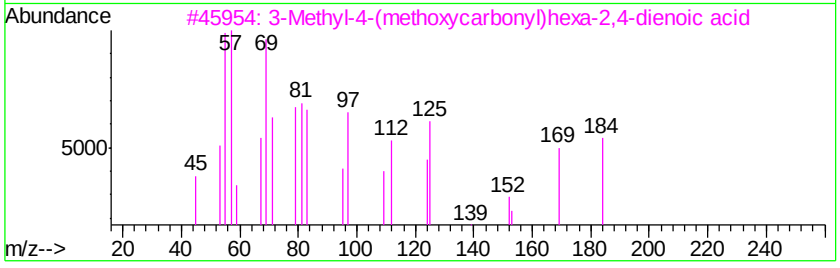
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	20.71 ng	805116	Phenanthrene-d10	11.38

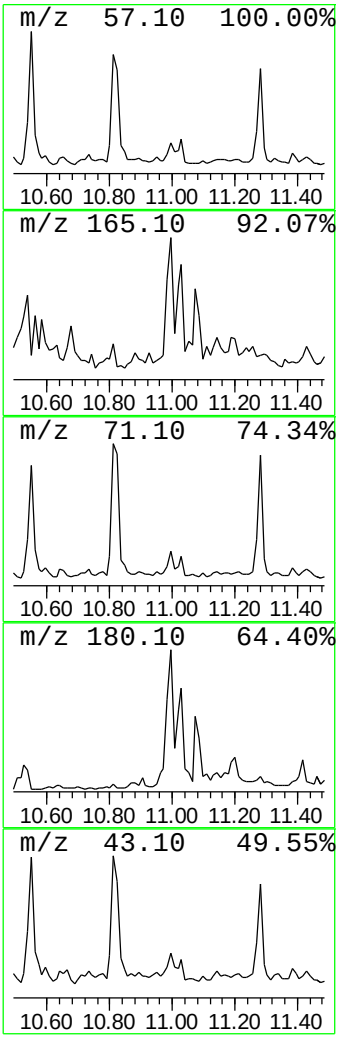
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	56
5	Hexadecane	226	C16H34	000544-76-3	42











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ClientSampleId : MGP123-5-7

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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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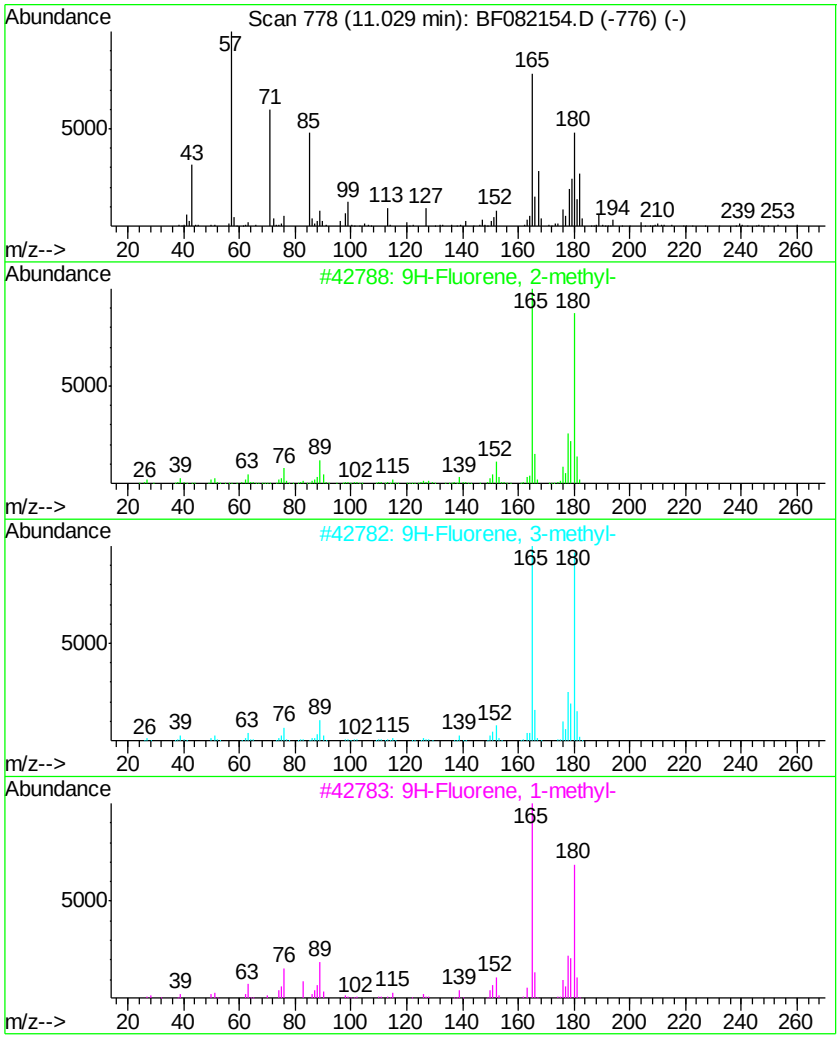
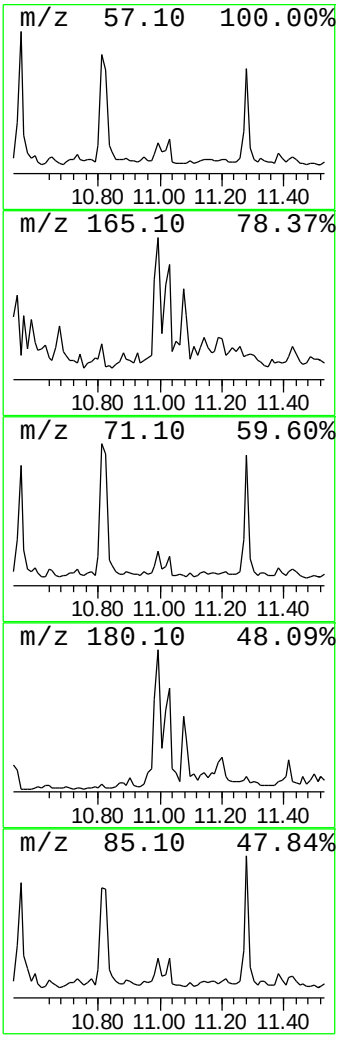
Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	16.12 ng	627000	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	38





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Misc :
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Instrument : BNA_F
ClientSampleId : MGP123-5-7

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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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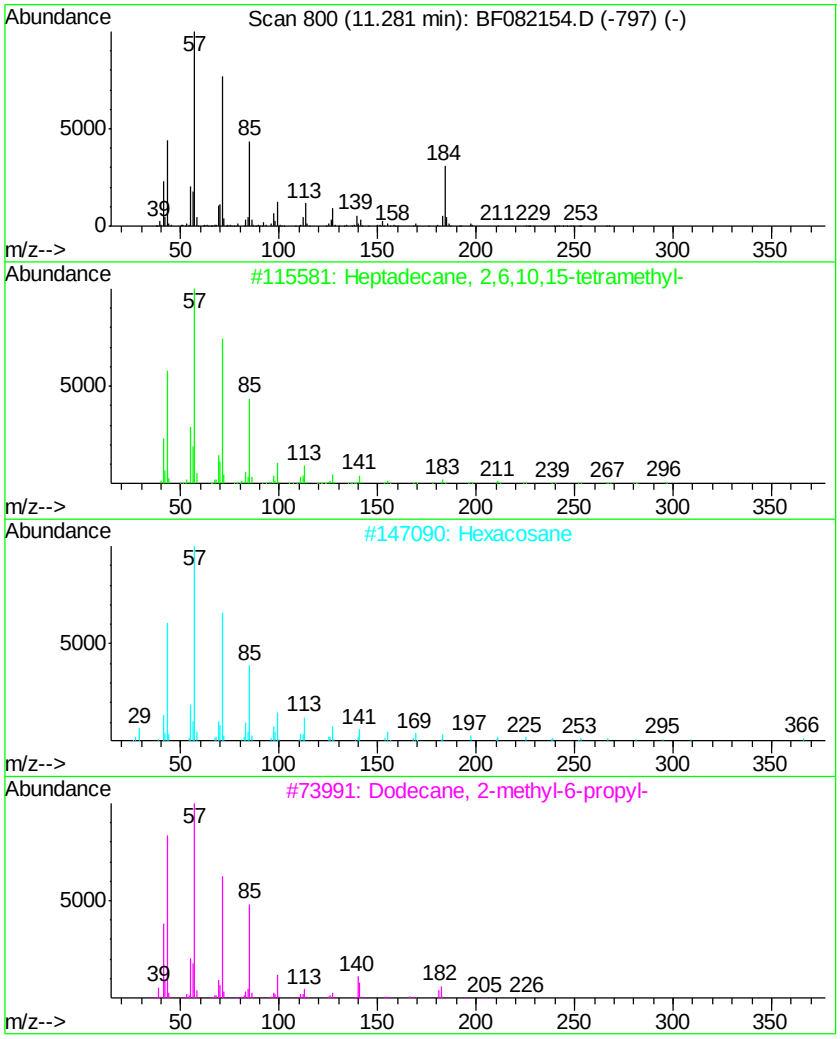
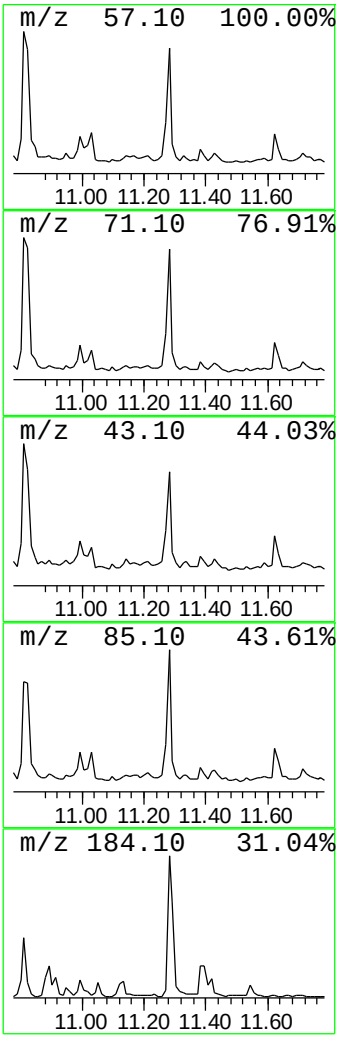
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	60.27 ng	2343700	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2	Hexacosane	366	C26H54	000630-01-3	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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

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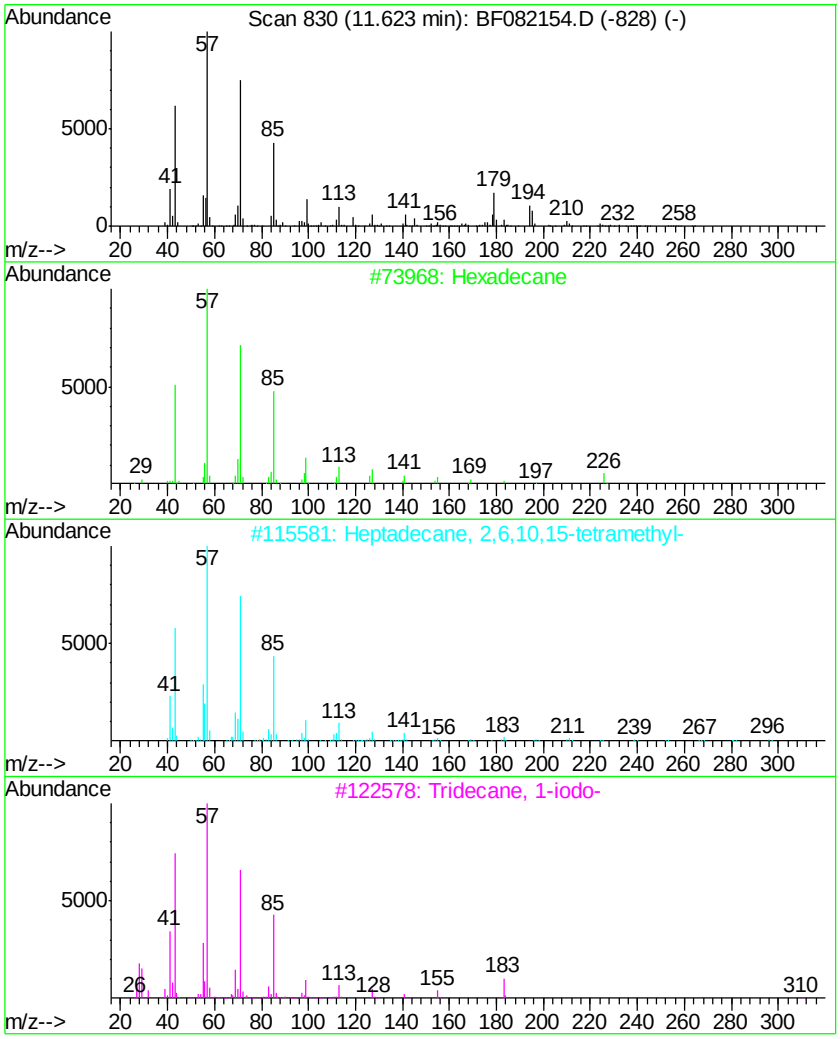
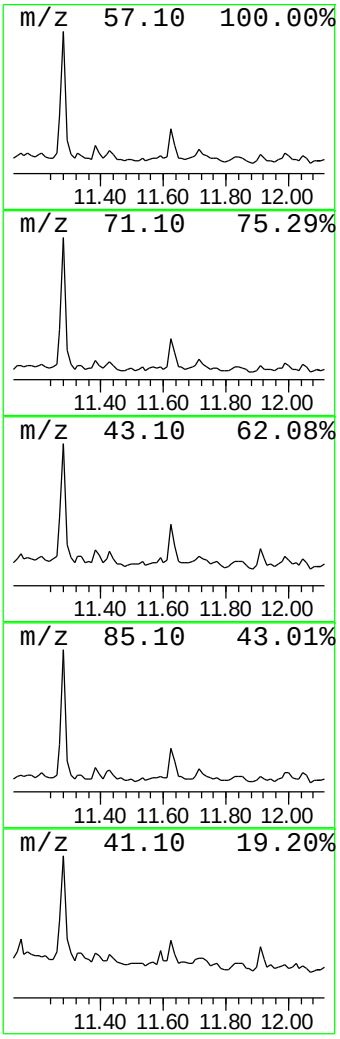
Peak Number 17 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	15.45 ng	600889	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Octacosane	394	C28H58	000630-02-4	80





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

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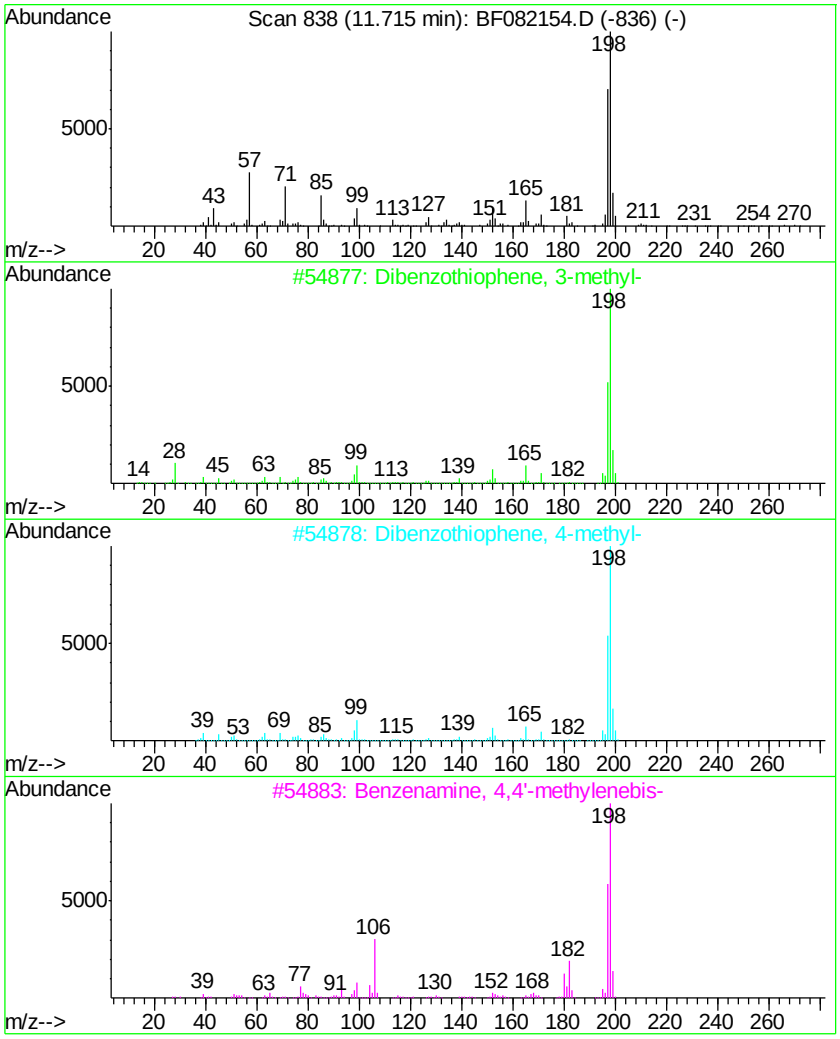
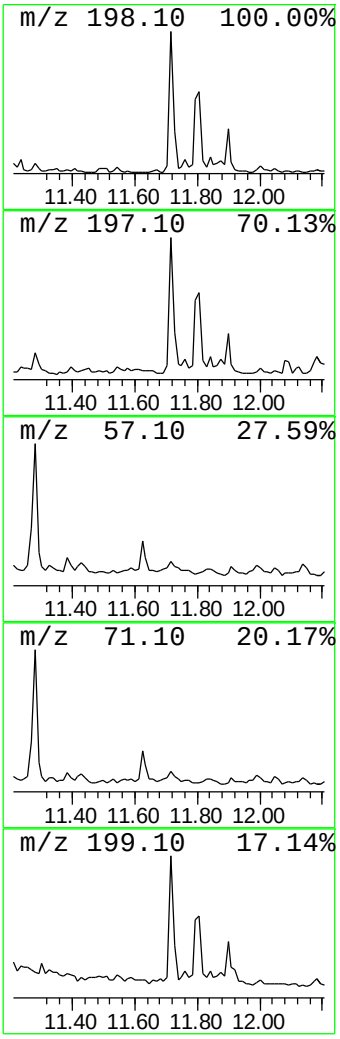
Peak Number 18 Dibenzothiophene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	13.60 ng	528883	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	89
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	58
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	53





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

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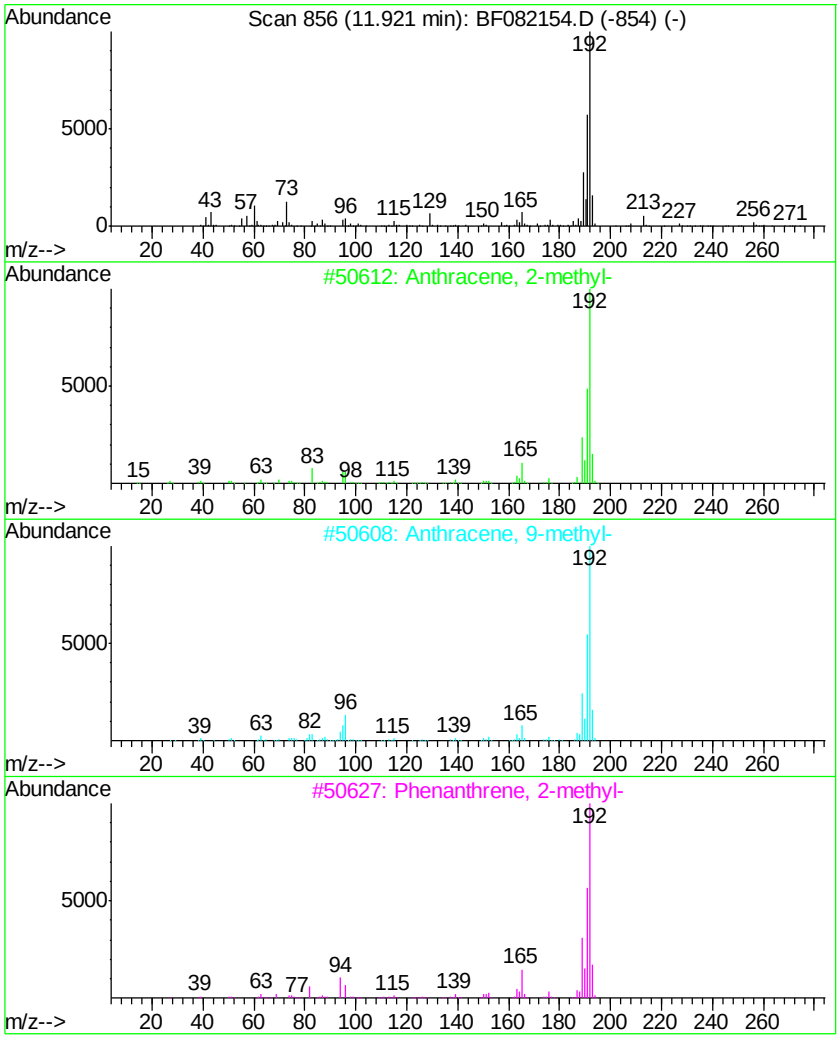
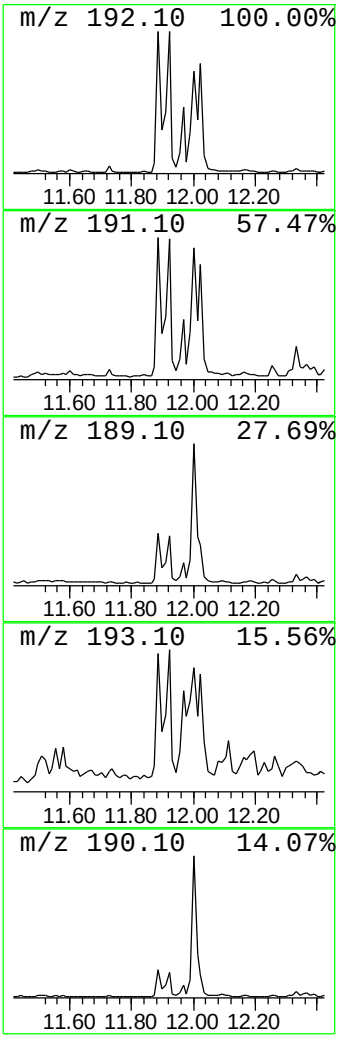
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	19.72 ng	766634	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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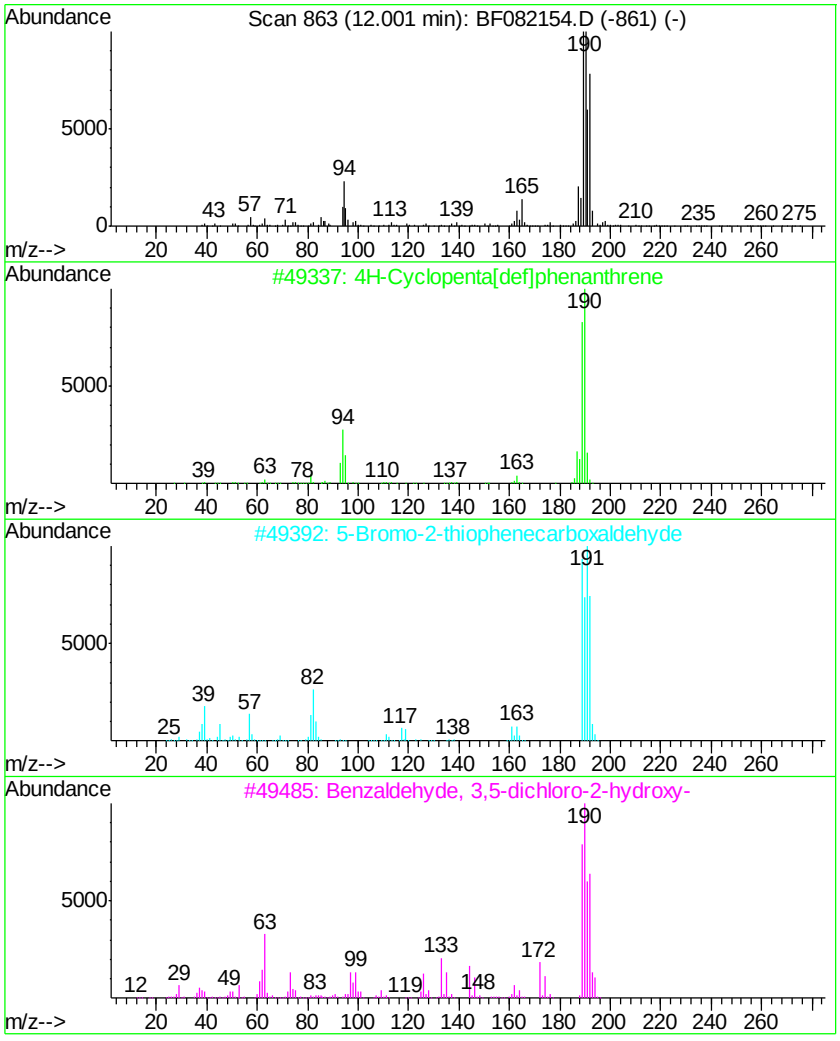
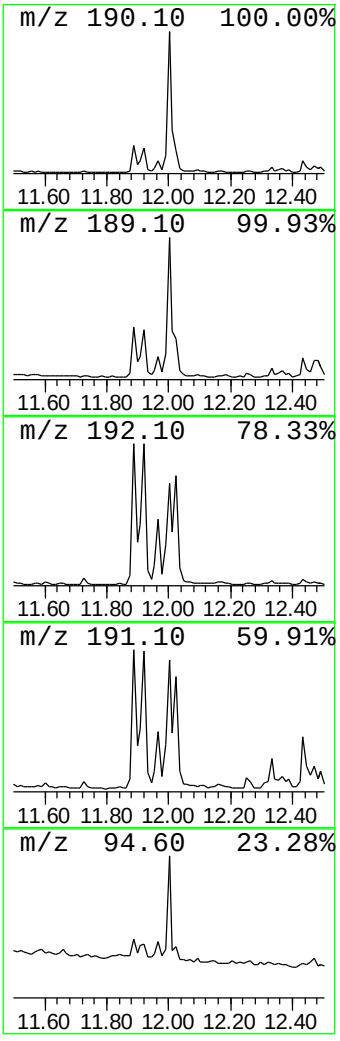
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	30.64 ng	1191340	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082154.D
Acq On : 9 Oct 2015 19:42
Operator : UM/IZ
Sample : G3889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP123-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.05	40.5	ng	1711660	1	6.85	845424	20.0
unknown6.62	6.62	62.7	ng	2649540	1	6.85	845424	20.0
Indane	7.04	164.3	ng	6945820	1	6.85	845424	20.0
Decane, 2-methyl-	7.19	16.2	ng	685512	1	6.85	845424	20.0
Dodecane, 2,7,10-...	9.17	15.2	ng	1767470	3	9.90	2323040	20.0
Naphthalene, 1,6-...	9.49	16.6	ng	1926190	3	9.90	2323040	20.0
Naphthalene, 1,7-...	9.57	34.8	ng	4046120	3	9.90	2323040	20.0
Naphthalene, 2,3,...	10.15	16.6	ng	1926520	3	9.90	2323040	20.0
Tridecane, 5-propyl-	10.55	20.2	ng	2343800	3	9.90	2323040	20.0
Dodecane, 2,6,10-...	10.81	79.6	ng	3093870	4	11.38	777684	20.0
Azulene, 7-ethyl-...	10.89	12.7	ng	495496	4	11.38	777684	20.0
9H-Fluorene, 3-me...	10.99	20.7	ng	805116	4	11.38	777684	20.0
9H-Fluorene, 2-me...	11.03	16.1	ng	627000	4	11.38	777684	20.0
Heptadecane, 2,6,...	11.28	60.3	ng	2343700	4	11.38	777684	20.0
Hexadecane	11.62	15.4	ng	600889	4	11.38	777684	20.0
Dibenzothiophene,...	11.71	13.6	ng	528883	4	11.38	777684	20.0
Anthracene, 2-met...	11.92	19.7	ng	766634	4	11.38	777684	20.0
4H-Cyclopenta[def...	12.00	30.6	ng	1191340	4	11.38	777684	20.0