LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

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-BF113015.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	4.647	257	259	275	rVB	791672	1312685	16.45%	1.632%
2	5.127	299	301	315	rBV	3254753	3672992	46.04%	4.568%
3	6.053	378	382	384	rBV2	75005	122342	1.53%	0.152%
4	6.133	387	389	392	rVB	129667	120636	1.51%	0.150%
5	6.213	394	396	398	rBV	4217772	4201871	52.66%	5.226%
6	6.316	403	405	407	rVV	4030257	4005707	50.21%	4.982%
7	6.361	407	409	413	rVB2	217039	306423	3.84%	0.381%
8	6.533	423	424	427	rBV	678437	934536	11.71%	1.162%
9	6.693	436	438	443	rBV2	3090953	3556232	44.57%	4.423%
10	6.876	452	454	455	rBV	131376	133008	1.67%	0.165%
11	7.116	472	475	477	rVV	2291854	2860429	35.85%	3.557%
12	7.253	485	487	491	rVV2	59894	156686	1.96%	0.195%
13	7.356	494	496	498	rVB	138121	160023	2.01%	0.199%
14	7.470	503	506	507	rVV	91685	132701	1.66%	0.165%
15	7.584	513	516	517	rVV	243512	416831	5.22%	0.518%
16	7.619	517	519	521	rVV2	211684	417892	5.24%	0.520%
17	7.847	535	539	542	rBV	4517221	7978514	100.00%	9.922%
18	7.916	542	545	548	rVB3	218843	323216	4.05%	0.402%
19	8.133	560	564	565	rBV3	87671	131976	1.65%	0.164%
20	8.270	574	576	580	rBV2	223561	406862	5.10%	0.506%
21	8.339	580	582	584	rVB3	85959	115555	1.45%	0.144%
22	8.396	584	587	589	rBV3	44954	117711	1.48%	0.146%
23	8.499	592	596	597	rVB3	76332	157639	1.98%	0.196%
24	8.545	597	600	602	rVB	2146303	2276511	28.53%	2.831%
25	8.636	606	608	611	rVB	1769734	1624405	20.36%	2.020%
26	8.739	613	617	619	rBV4	102536	227337	2.85%	0.283%
27	8.876	625	629	630	rBV	181163	338374	4.24%	0.421%
28	8.910	630	632	634	rVV	4453526	4325832	54.22%	5.380%
29	9.002	637	640	643	rBV2	439062	550799	6.90%	0.685%
30	9.093	646	648	652	rVB	613477	852686	10.69%	1.060%
31	9.162	652	654	656	rBV	430288	628747	7.88%	0.782%
32	9.242	658	661	662	rVV	735920	877228	10.99%	1.091%
33	9.310	665	667	669	rVV2	615571	753848	9.45%	0.938%
34	9.356	669	671	675	rVV2	356315	513202	6.43%	0.638%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.436	675	678	680	rVV2	341226	343508	4.31%	0.427%
36	9.573	688	690	691	rBV2	1555626	1538642	19.28%	1.914%
37	9.608	691	693	695	rVB	1902601	1827620	22.91%	2.273%
38	9.676	698	699	702	rVB	132683	186953	2.34%	0.233%
39	9.779	704	708	710	rBV2	288118	441229	5.53%	0.549%
40	9.825	710	712	713	rBV	137663	156150	1.96%	0.194%
41	9.848	713	714	716	rVB	198810	202939	2.54%	0.252%
42	9.893	716	718	719	rBV	266105	331096	4.15%	0.412%
43	9.985	724	726	728	rBV3	147851	275523	3.45%	0.343%
44	10.030	728	730	731	rVB2	228850	295489	3.70%	0.367%
45	10.088	731	735	736	rBV	258774	348799	4.37%	0.434%
46	10.122	736	738	739	rBV2	527884	707571	8.87%	0.880%
47	10.179	741	743	746	rBV3	77788	165623	2.08%	0.206%
48	10.248	746	749	750	rBV2	323429	475878	5.96%	0.592%
49	10.362	755	759	761	rBV2	2288188	2558903	32.07%	3.182%
50	10.522	769	773	775	rBV2	325653	515449	6.46%	0.641%
51	10.682	785	787	788	rBV	149685	205464	2.58%	0.256%
52	10.716	788	790	792	rVV	179871	218850	2.74%	0.272%
53	10.773	792	795	797	rVB4	98384	210647	2.64%	0.262%
54	10.991	812	814	816	rVV2	188969	199483	2.50%	0.248%
55	11.036	816	818	820	rVB	185705	233087	2.92%	0.290%
56	11.116	822	825	826	rBV	943616	1740067	21.81%	2.164%
57	11.139	826	827	830	rVV	2821469	2337917	29.30%	2.908%
58	11.196	830	832	835	rVV	739591	744338	9.33%	0.926%
59	11.471	853	856	857	rVB2	72945	110358	1.38%	0.137%
60	11.505	857	859	863	rVB2	119722	160579	2.01%	0.200%
61	11.608	866	868	872	rVB3	80356	134648	1.69%	0.167%
62	11.722	875	878	879	rBV	369476	566699	7.10%	0.705%
63	11.745	879	880	883	rVB	392393	568747	7.13%	0.707%
64	11.813	883	886	887	rBV	285642	363164	4.55%	0.452%
65	11.848	887	889	891	rVV	677044	916009	11.48%	1.139%
66	11.882	891	892	895	rVB	345116	317612	3.98%	0.395%
67	12.099	908	911	918	rVB	253806	531533	6.66%	0.661%
68	12.431	937	940	942	rBV	297274	483776	6.06%	0.602%
69	12.476	942	944	946	rVV2	165649	277851	3.48%	0.346%
70	12.556	949	951	954	rVB2	99120	167169	2.10%	0.208%
71	12.636	956	958	961	rBV	824045	1034454	12.97%	1.286%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.774	968	970	973	rVB	305190	419374	5.26%	0.522%
73	12.876	977	979	982	rVV	95185	183562	2.30%	0.228%
74	12.945	982	985	988	rVV	1073727	1587676	19.90%	1.974%
75	13.014	988	991	994	rVV5	50438	134341	1.68%	0.167%
76	13.196	1004	1007	1010	rVV	2605755	4184740	52.45%	5.204%
77	13.276	1011	1014	1020	rBV3	106847	242875	3.04%	0.302%
78	13.402	1022	1025	1026	rVV3	96352	186555	2.34%	0.232%
79	13.436	1026	1028	1031	rVB	201707	283505	3.55%	0.353%
80	13.528	1034	1036	1038	rVV	148777	183745	2.30%	0.229%
81	13.585	1038	1041	1043	rVB	121326	179553	2.25%	0.223%
82	13.711	1050	1052	1054	rVV	109121	132679	1.66%	0.165%
83	13.757	1054	1056	1060	rVB	107741	179291	2.25%	0.223%
84	14.145	1087	1090	1092	rBV3	55562	138054	1.73%	0.172%
85	14.202	1093	1095	1099	rVV2	64836	111484	1.40%	0.139%
86	14.339	1103	1107	1109	rBV3	61954	131467	1.65%	0.163%
87	14.385	1109	1111	1115	rVV2	84341	191027	2.39%	0.238%
88	14.499	1119	1121	1126	rVB2	66975	143769	1.80%	0.179%
89	14.637	1130	1133	1137	rVV2	178029	428088	5.37%	0.532%
90	14.728	1137	1141	1143	rVV2	1044206	1915454	24.01%	2.382%
91	14.762	1143	1144	1147	rVV	294655	362673	4.55%	0.451%
92	14.842	1149	1151	1158	rVV3	67510	187309	2.35%	0.233%
93	15.334	1191	1194	1198	rBV2	68794	149985	1.88%	0.187%
94	16.282	1274	1277	1279	rBV	149913	312546	3.92%	0.389%
95	16.648	1307	1309	1312	rVB	114901	156367	1.96%	0.194%
96	16.717	1312	1315	1318	rBV	191242	276109	3.46%	0.343%
97	16.785	1318	1321	1334	rVB	544671	1000367	12.54%	1.244%
98	17.025	1338	1342	1346	rBV3	35463	111387	1.40%	0.139%
99	18.168	1439	1442	1447	rVB2	61668	134672	1.69%	0.167%
100	18.534	1471	1474	1480	rVB	67775	155882	1.95%	0.194%

Sum of corrected areas: 80409796

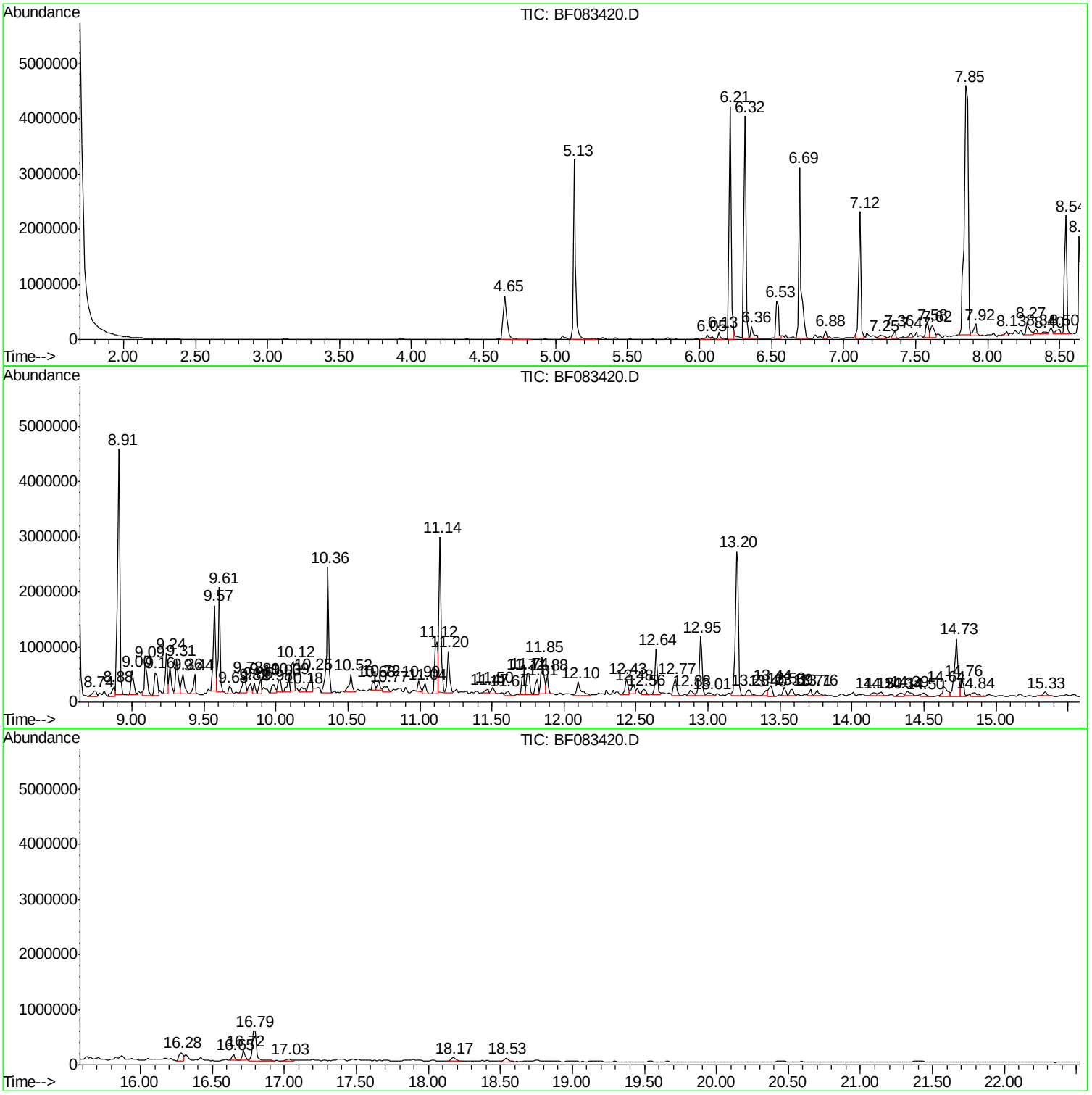
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

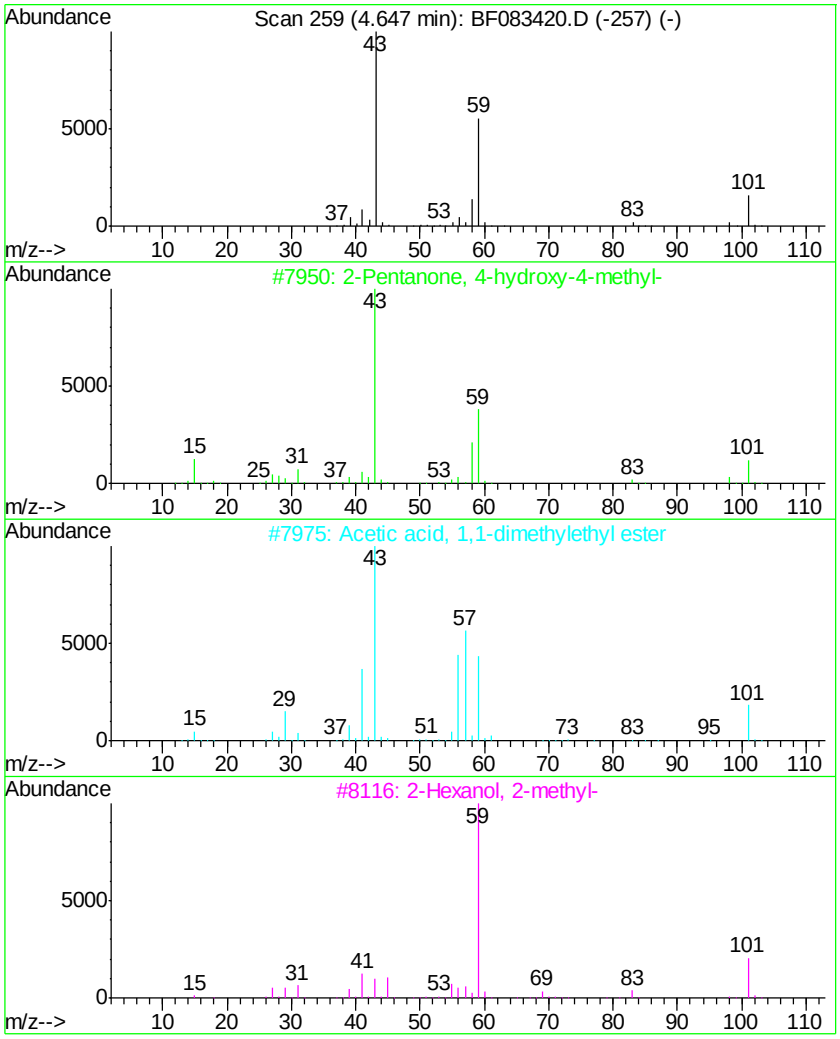
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

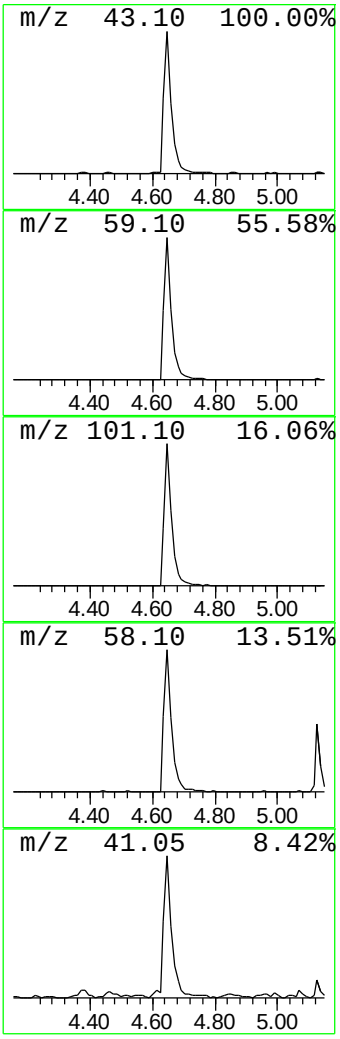
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	28.09 ng	1312690	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
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	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

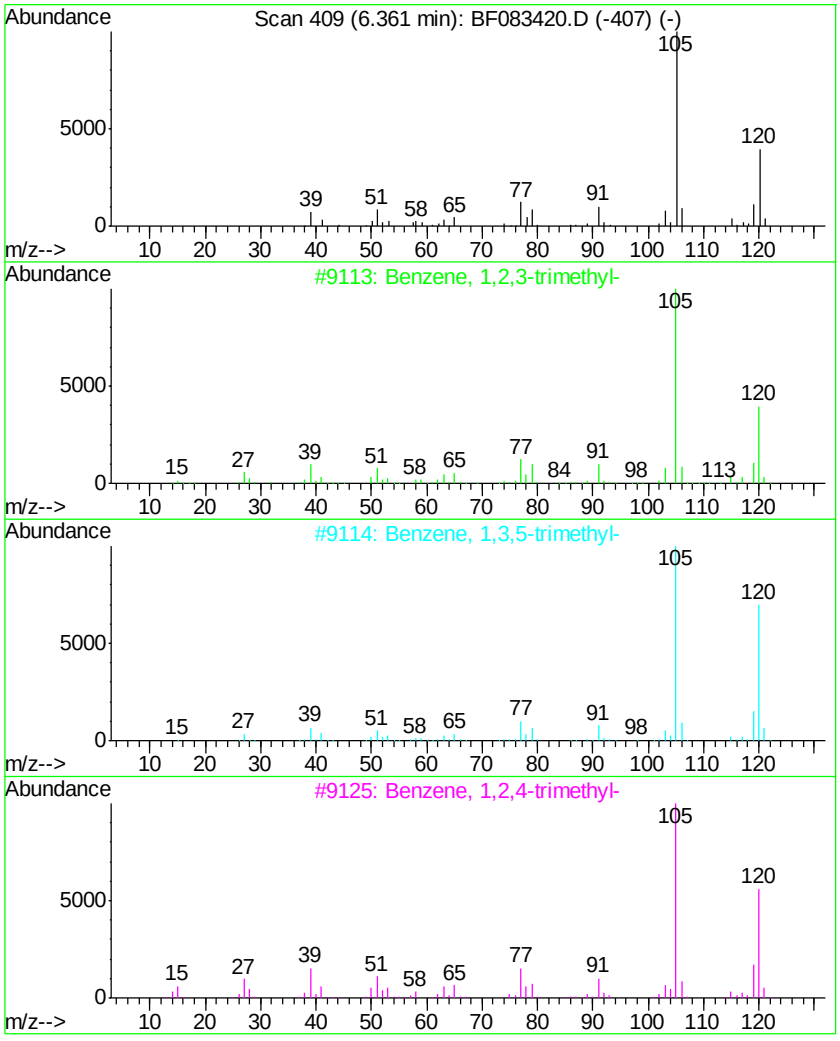
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

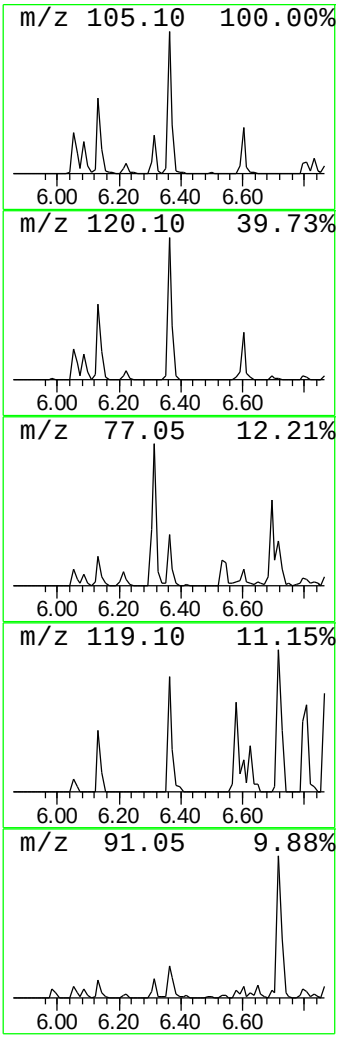
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	6.56 ng	306423	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

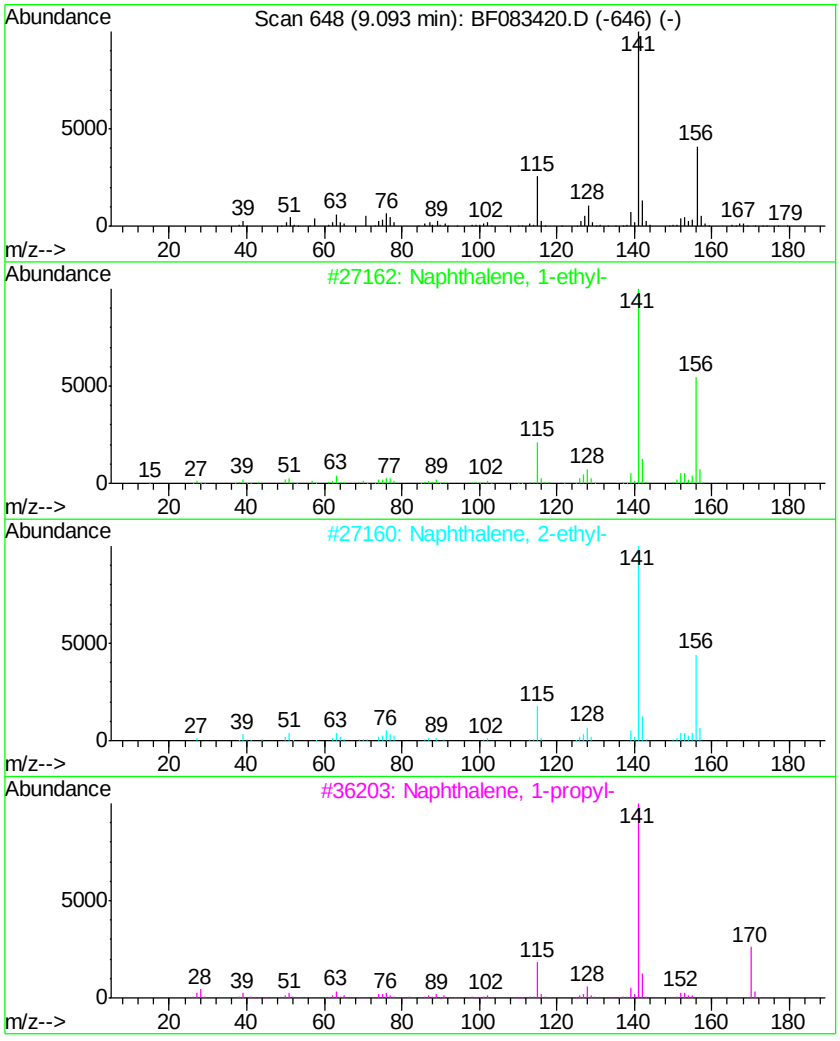
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

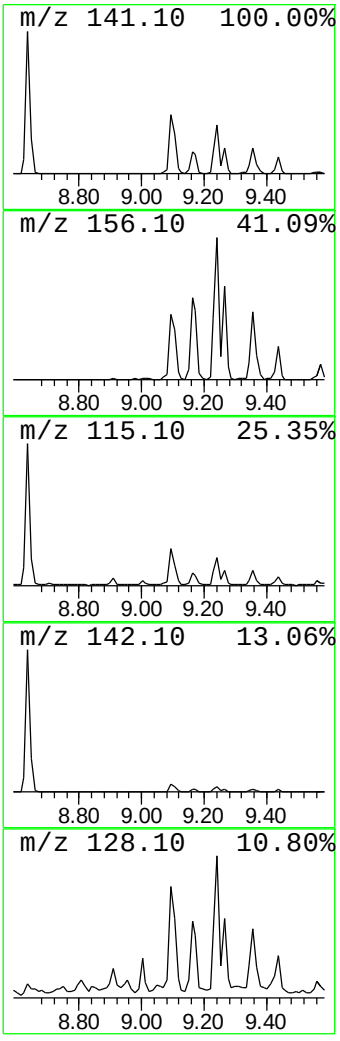
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	11.08 ng	852686	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

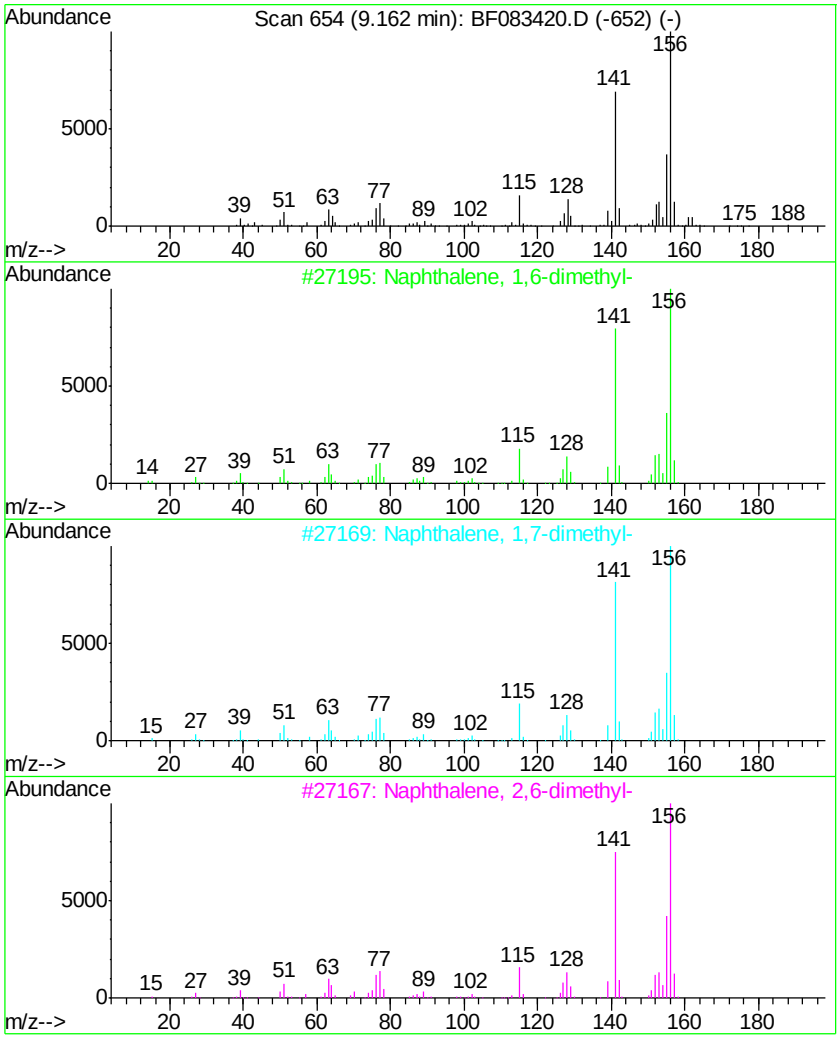
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

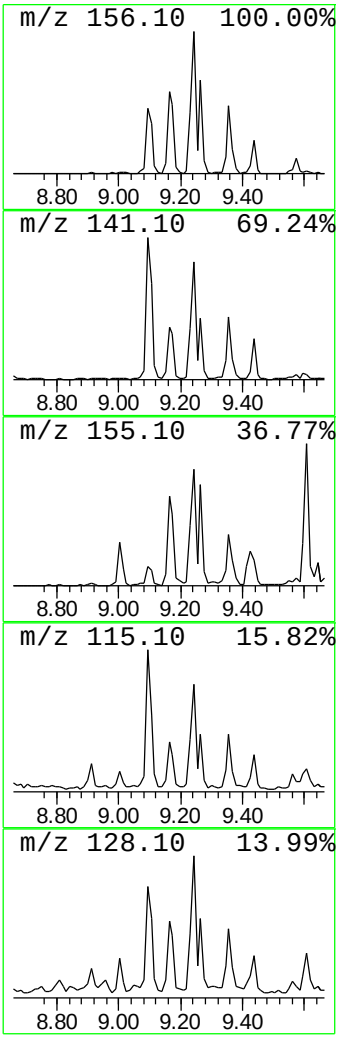
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.17 ng	628747	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

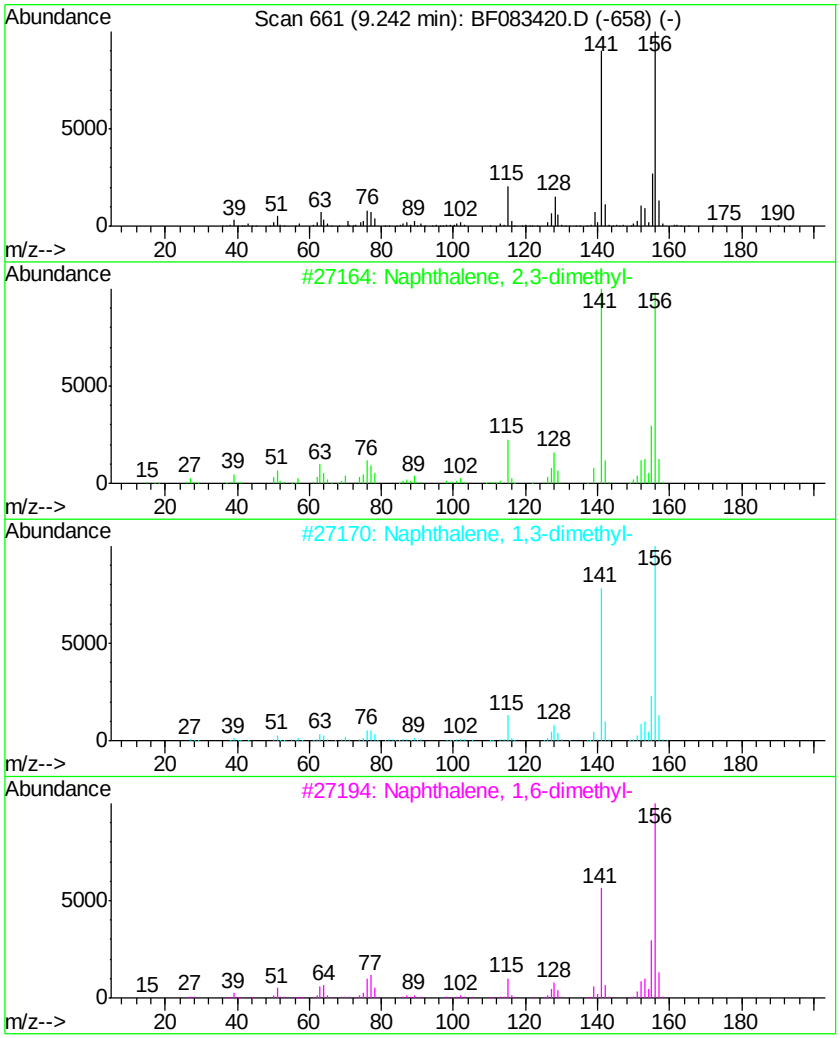
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

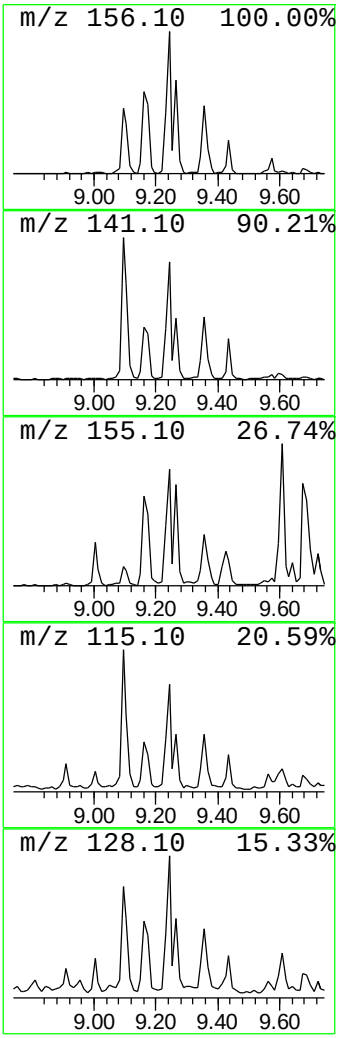
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	11.40 ng	877228	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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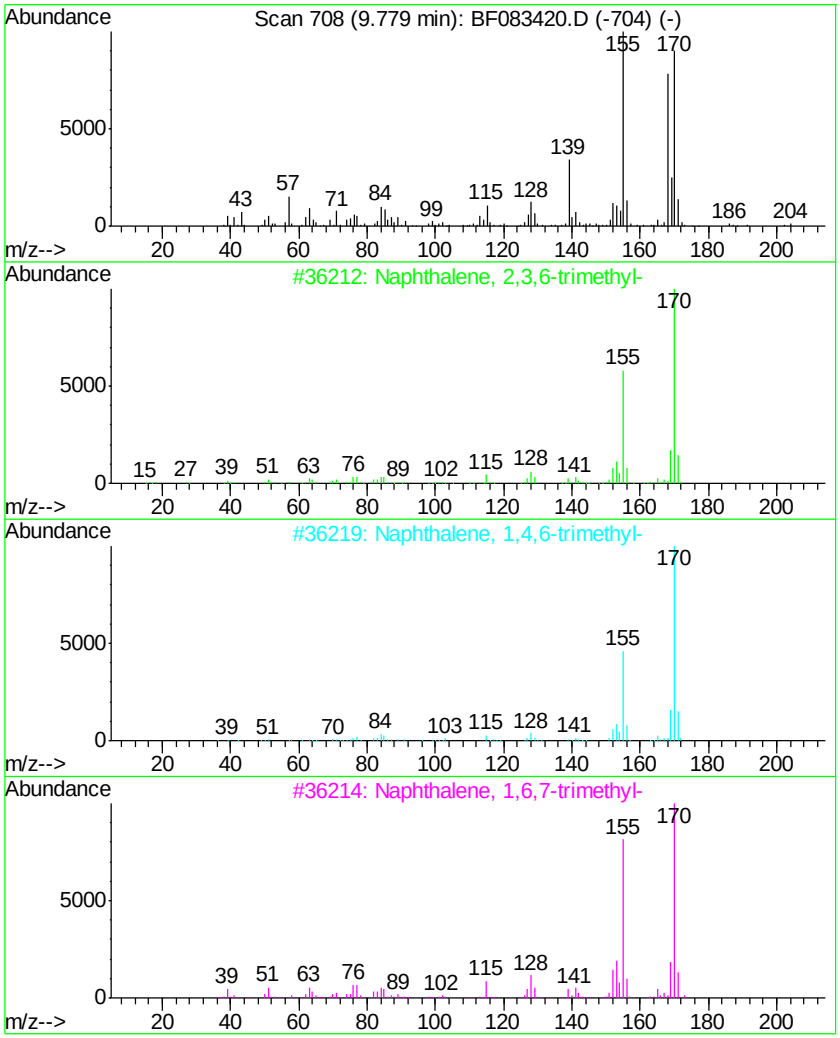
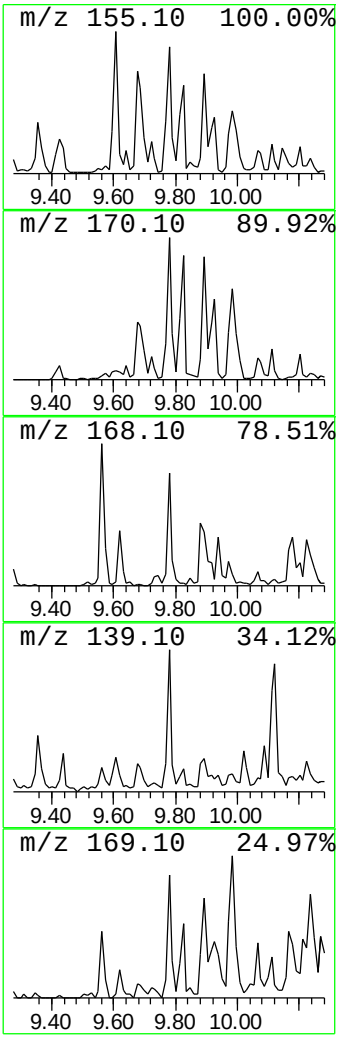
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	5.74 ng	441229	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	58
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53





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Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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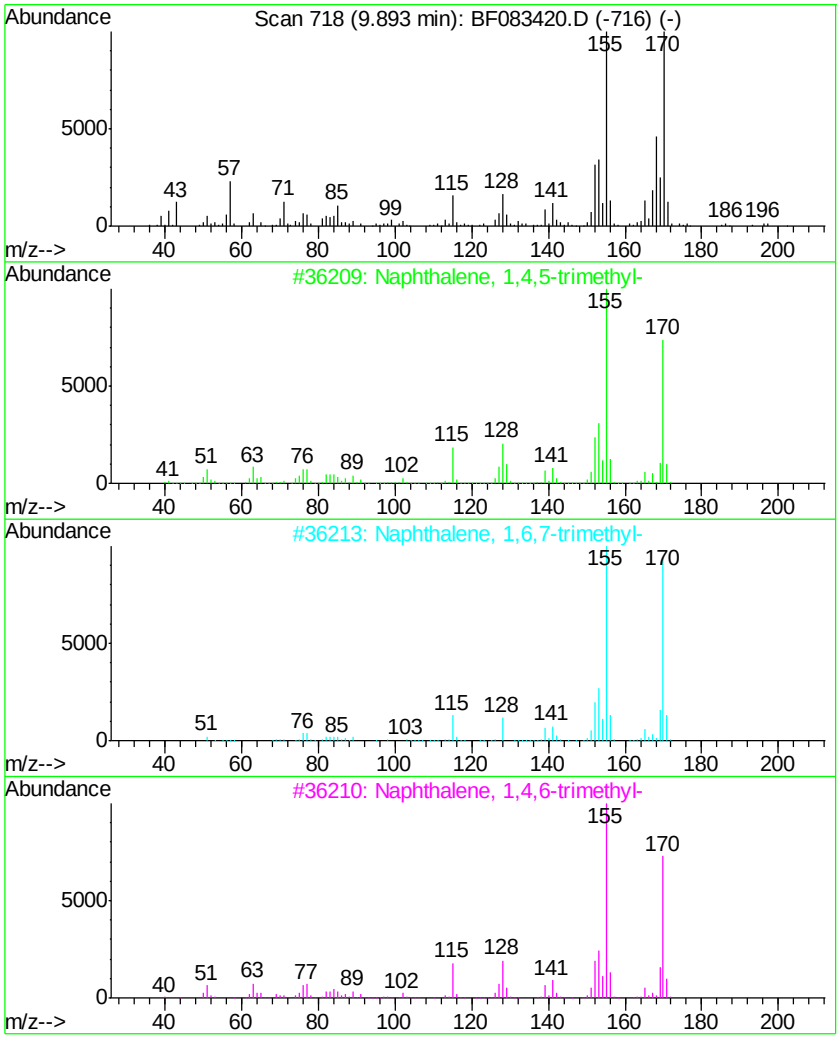
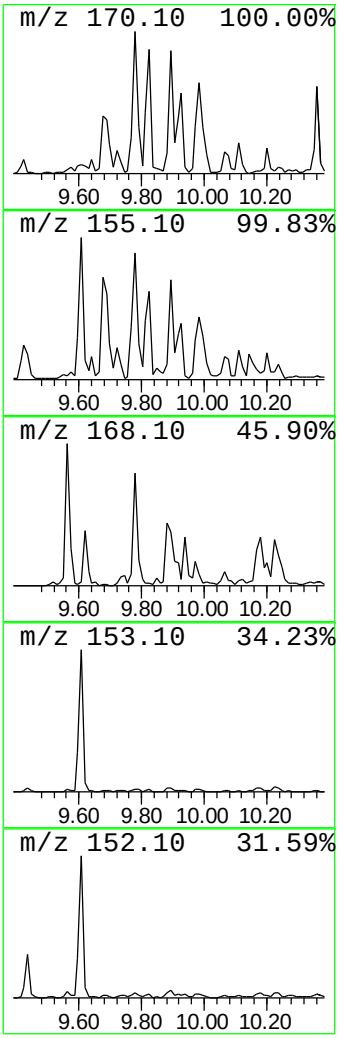
Peak Number 10 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	4.30 ng	331096	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89





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Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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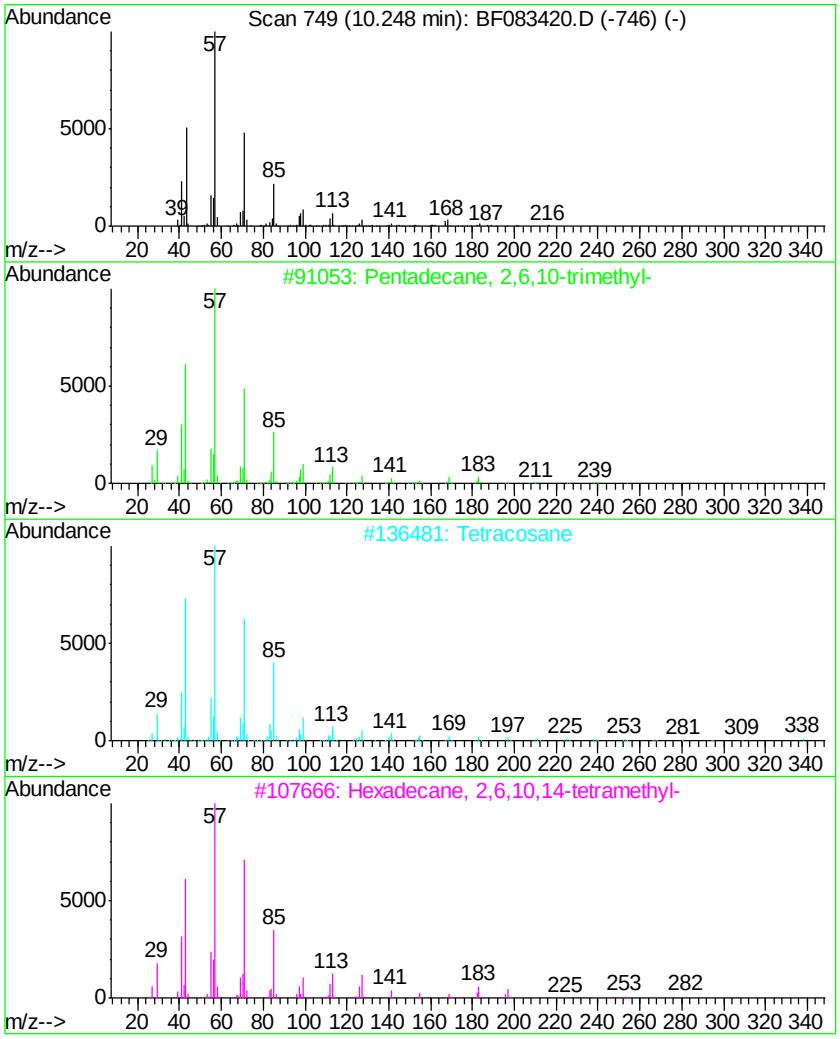
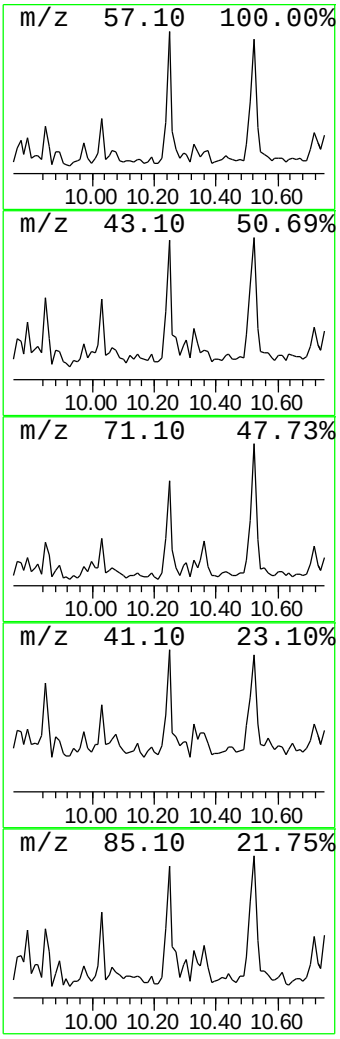
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	6.19 ng	475878	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tetracosane	338	C24H50	000646-31-1	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane	282	C20H42	000112-95-8	64





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Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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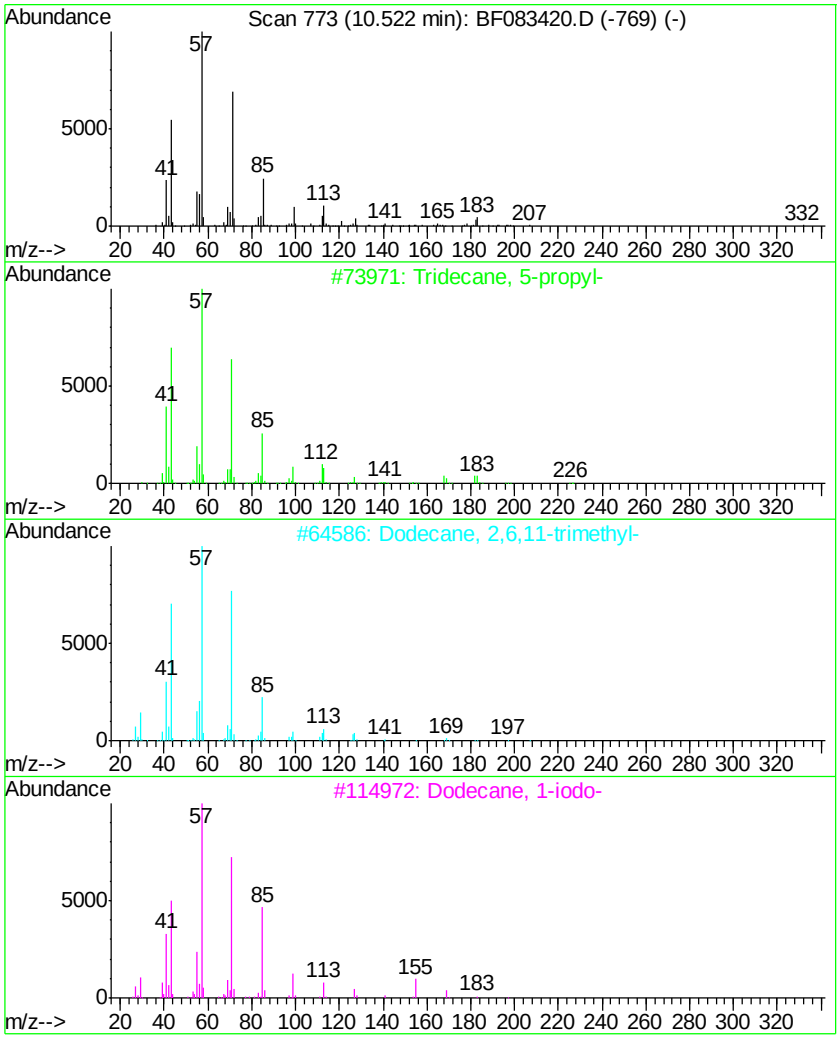
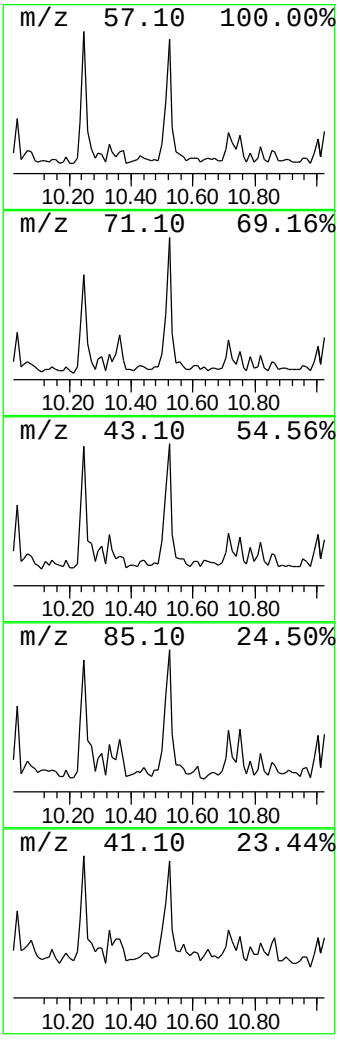
Peak Number 12 Tridecane, 5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.92 ng	515449	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50





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Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

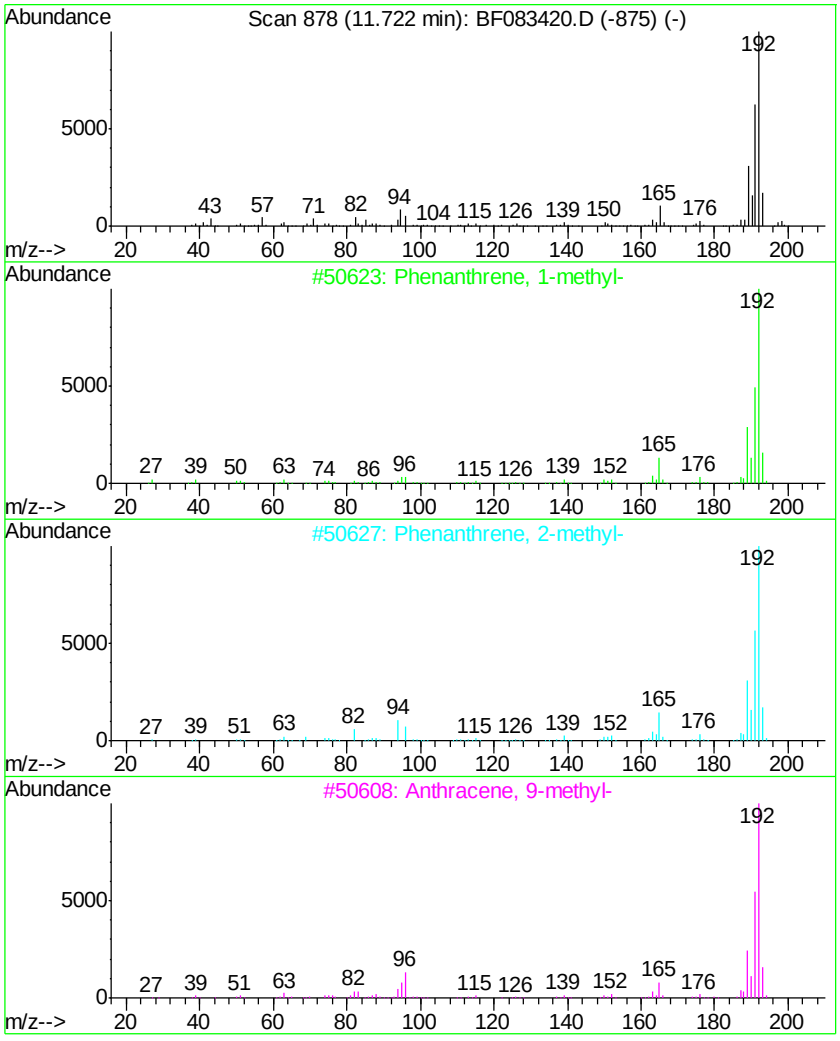
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

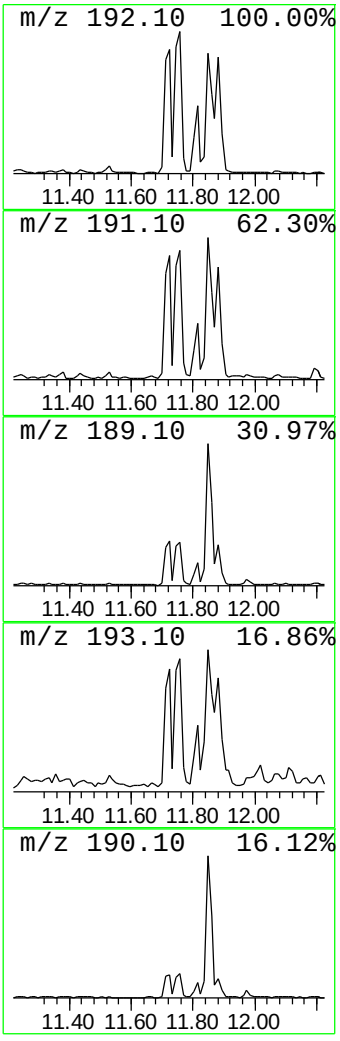
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.51 ng	566699	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

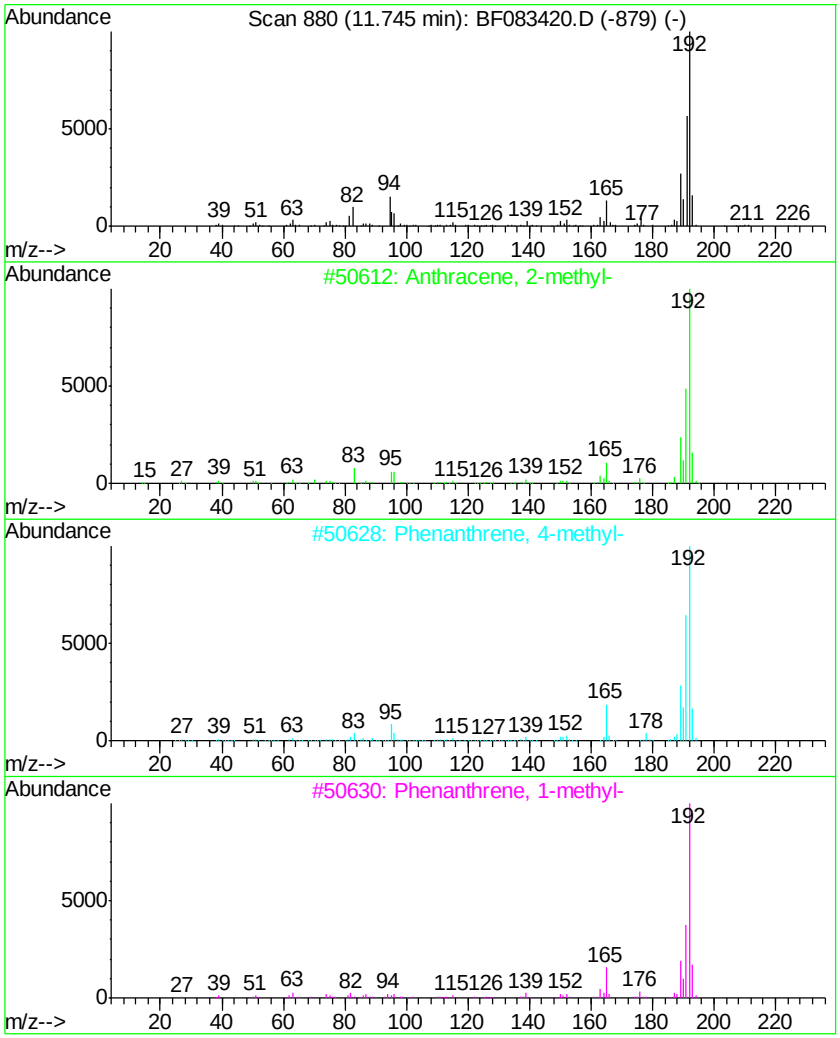
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

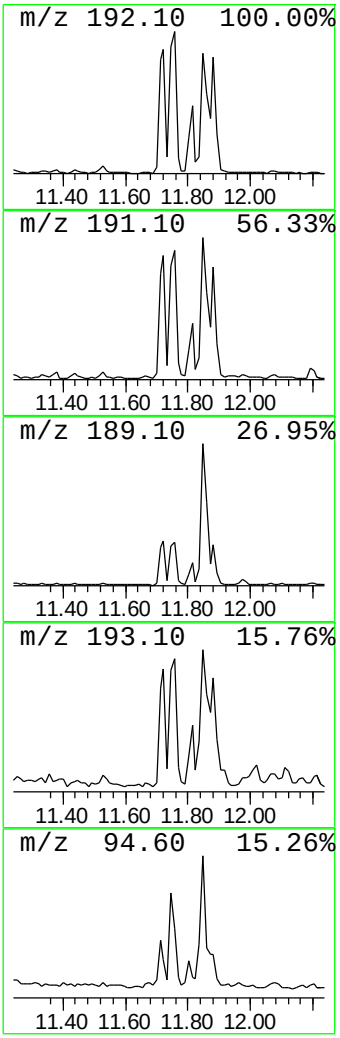
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.54 ng	568747	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

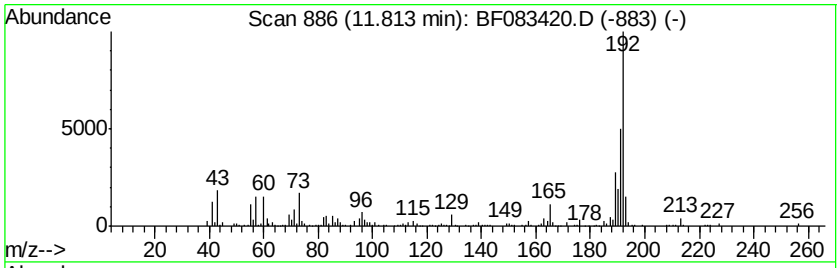
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

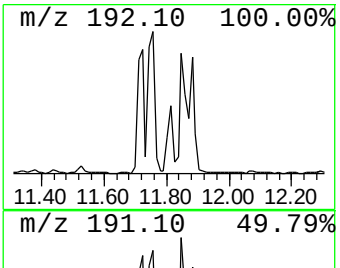
****

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	4.17 ng	363164	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89





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Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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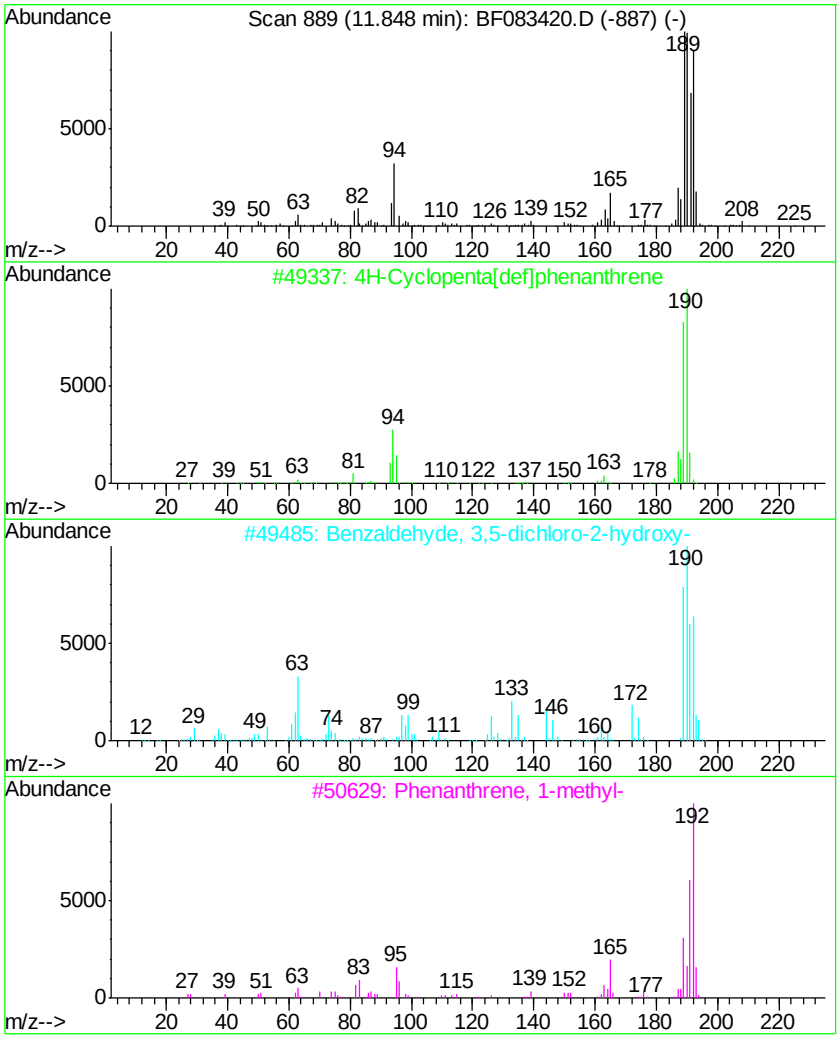
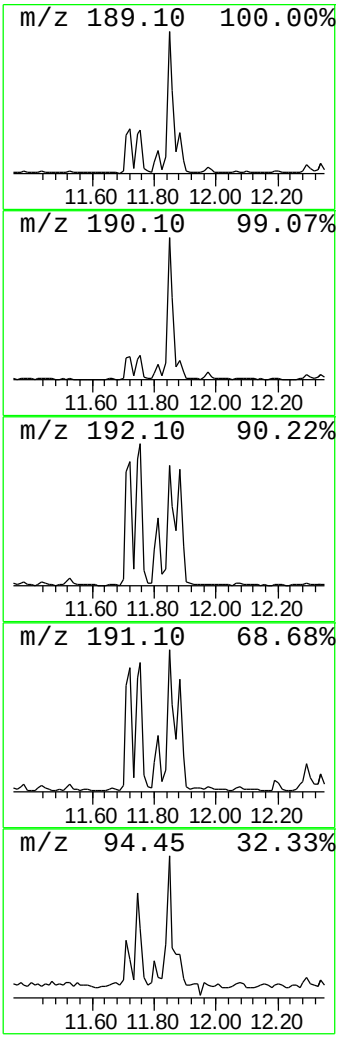
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	10.53 ng	916009	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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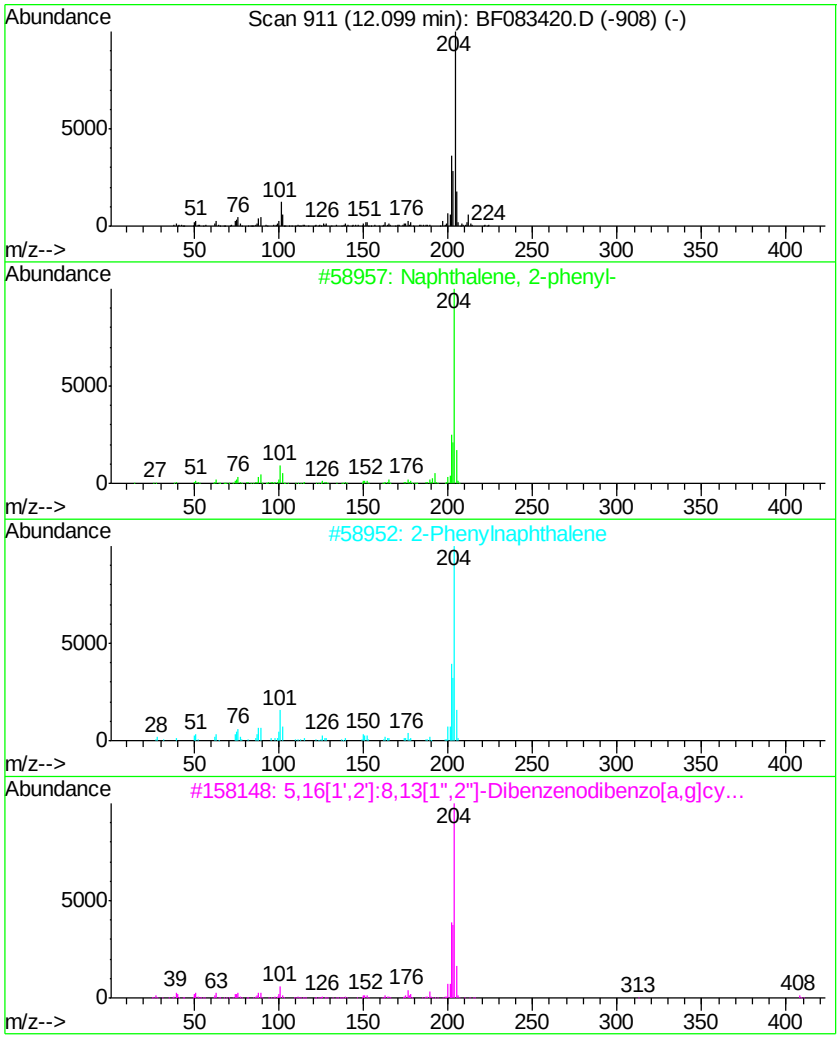
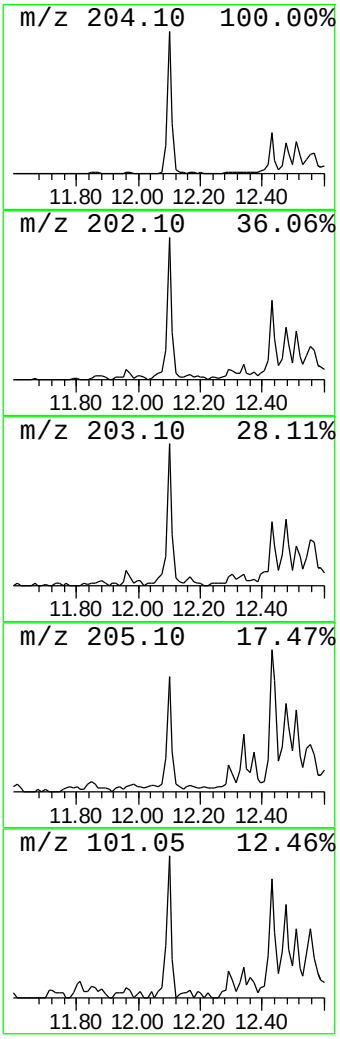
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.11 ng	531533	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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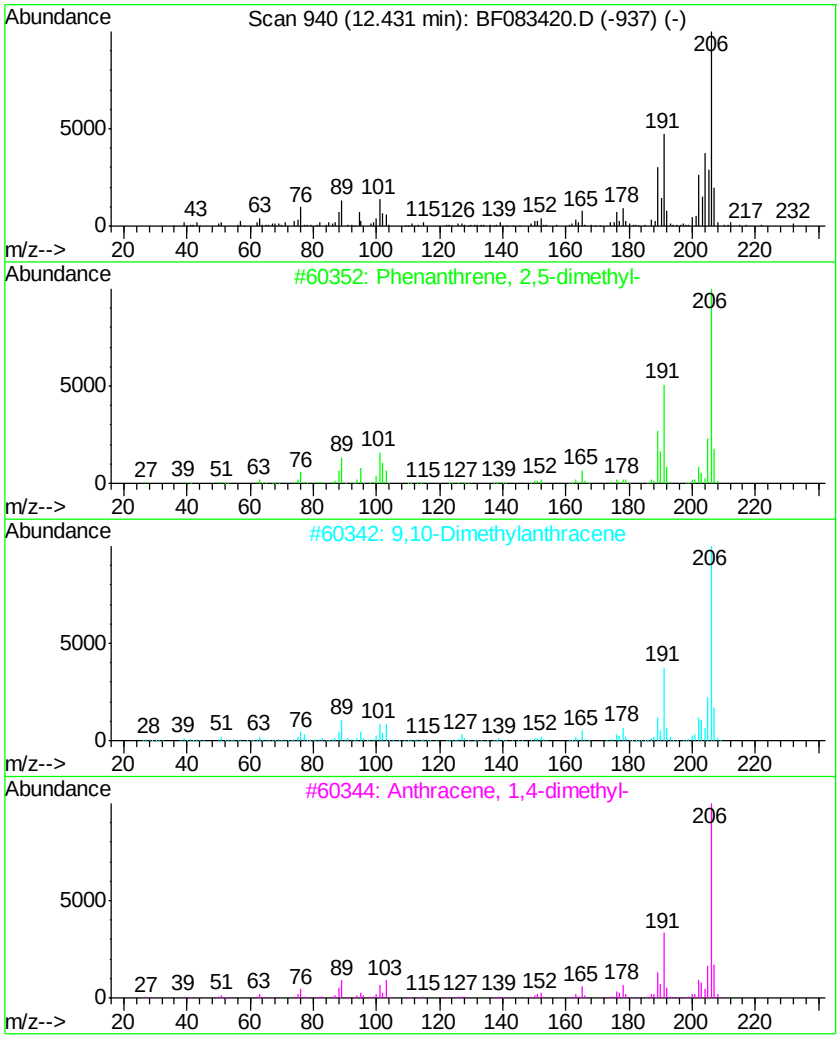
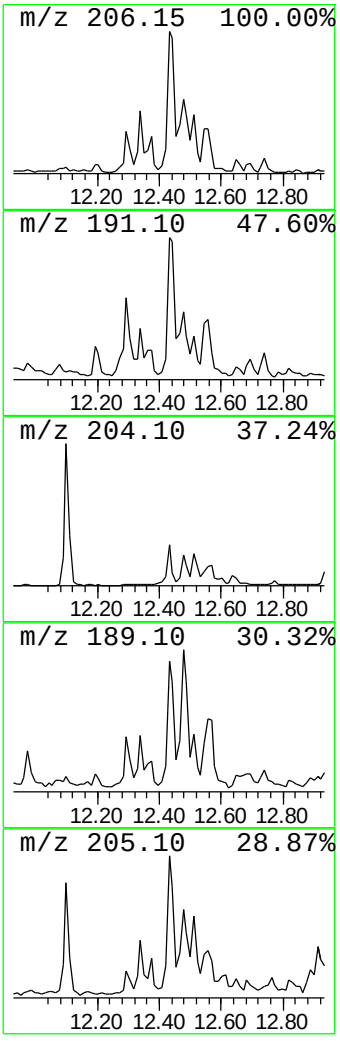
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.56 ng	483776	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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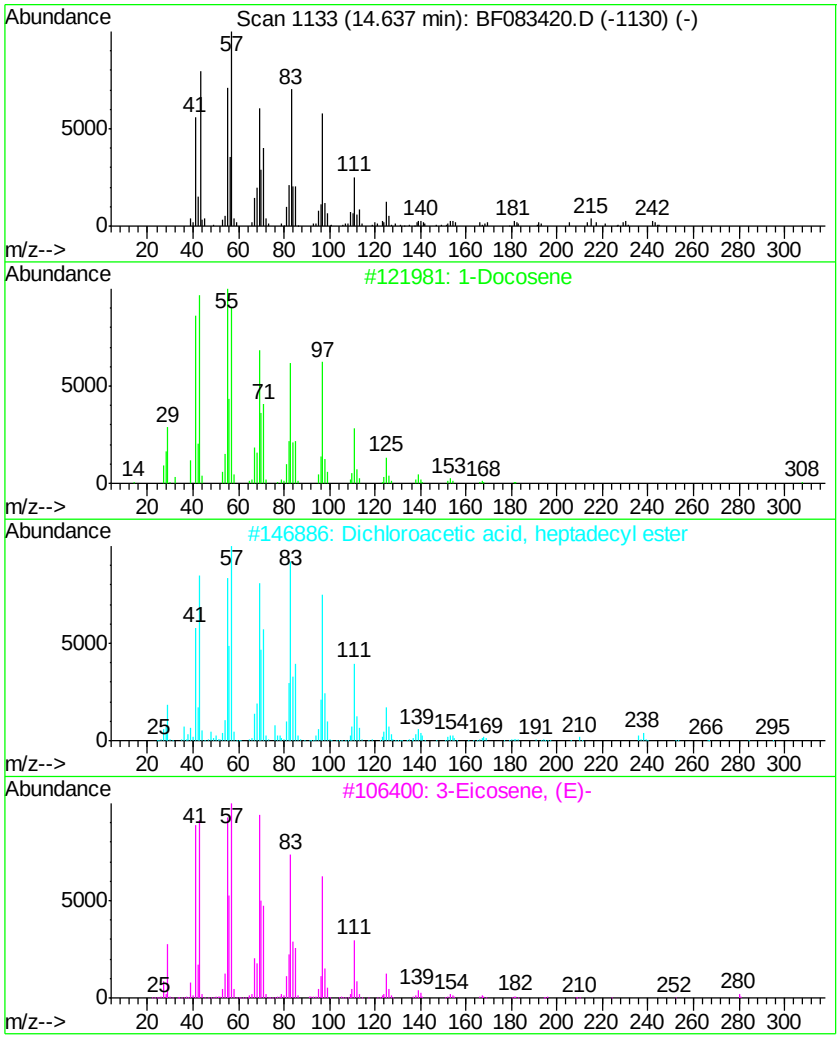
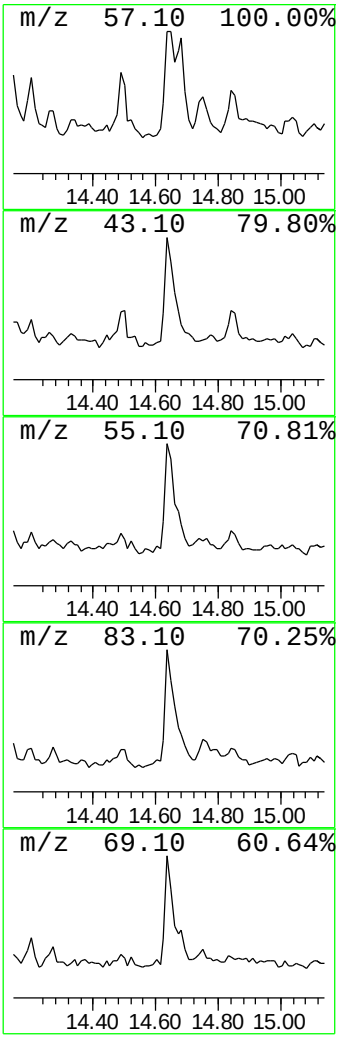
Peak Number 20 1-Docosene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.47 ng	428088	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083420.D
Acq On : 2 Dec 2015 16:12
Operator : UM/IZ
Sample : G4583-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	28.1	ng	1312690	1	6.54	934536	20.0
Benzene, 1,2,3-tr...	6.36	6.6	ng	306423	1	6.54	934536	20.0
Naphthalene, 1-et...	9.09	11.1	ng	852686	3	9.57	1538640	20.0
Naphthalene, 1,6-...	9.16	8.2	ng	628747	3	9.57	1538640	20.0
Naphthalene, 2,3-...	9.24	11.4	ng	877228	3	9.57	1538640	20.0
Naphthalene, 2,3,...	9.78	5.7	ng	441229	3	9.57	1538640	20.0
Naphthalene, 1,4,...	9.89	4.3	ng	331096	3	9.57	1538640	20.0
Pentadecane, 2,6,...	10.25	6.2	ng	475878	3	9.57	1538640	20.0
Tridecane, 5-propyl-	10.52	5.9	ng	515449	4	11.12	1740070	20.0
Phenanthrene, 1-m...	11.72	6.5	ng	566699	4	11.12	1740070	20.0
Anthracene, 2-met...	11.74	6.5	ng	568747	4	11.12	1740070	20.0
Anthracene, 9-met...	11.81	4.2	ng	363164	4	11.12	1740070	20.0
4H-Cyclopenta[def...	11.85	10.5	ng	916009	4	11.12	1740070	20.0
Naphthalene, 2-ph...	12.10	6.1	ng	531533	4	11.12	1740070	20.0
Phenanthrene, 2,5...	12.43	5.6	ng	483776	4	11.12	1740070	20.0
1-Docosene	14.64	4.5	ng	428088	5	14.73	1915450	20.0