LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

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-BF111915.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	4.841	238	241	244	rBV	1172777	1867481	35.16%	1.946%
2	5.299	279	281	284	rBV	3106559	3114315	58.63%	3.246%
3	6.362	370	374	376	rBV	3220167	4293455	80.82%	4.475%
4	6.476	381	384	386	rVB	3798006	3859806	72.66%	4.023%
5	6.704	401	404	405	rBV	845997	916013	17.24%	0.955%
6	6.853	415	417	420	rVB	2290992	3025209	56.95%	3.153%
7	7.265	450	453	456	rBV	2218419	2200128	41.42%	2.293%
8	7.745	492	495	499	rVV4	45820	123409	2.32%	0.129%
9	7.985	514	516	520	rVV2	948464	1484875	27.95%	1.548%
10	8.430	554	555	560	rVB	150543	212625	4.00%	0.222%
11	8.705	577	579	581	rVB	295264	256194	4.82%	0.267%
12	8.796	586	587	589	rBV	108392	146644	2.76%	0.153%
13	8.910	592	597	599	rBV5	49252	131392	2.47%	0.137%
14	9.070	609	611	613	rVB	4225165	3759843	70.78%	3.918%
15	9.162	616	619	622	rBV	154188	258524	4.87%	0.269%
16	9.333	631	634	637	rBV2	79297	131016	2.47%	0.137%
17	9.402	637	640	641	rBV	169828	214883	4.05%	0.224%
18	9.470	644	646	648	rVV	1208302	1159297	21.82%	1.208%
19	9.608	656	658	660	rVB	353125	447232	8.42%	0.466%
20	9.699	664	666	667	rBV	216408	217277	4.09%	0.226%
21	9.745	667	670	671	rBV	1544619	1465498	27.59%	1.527%
22	9.779	671	673	675	rVV	285952	353685	6.66%	0.369%
23	9.951	684	688	690	rBV2	330822	442166	8.32%	0.461%
24	10.065	696	698	699	rBV2	107122	166202	3.13%	0.173%
25	10.156	704	706	708	rBV2	81911	156439	2.94%	0.163%
26	10.191	708	709	711	rVB	287395	283585	5.34%	0.296%
27	10.248	711	714	716	rBV4	67978	175408	3.30%	0.183%
28	10.282	716	717	721	rVB	316749	444614	8.37%	0.463%
29	10.419	726	729	730	rVV3	154084	274753	5.17%	0.286%
30	10.442	730	731	735	rVV2	125972	211544	3.98%	0.220%
31	10.533	737	739	741	rVV	1773007	1975170	37.18%	2.059%
32	10.568	741	742	744	rVB2	98318	127565	2.40%	0.133%
33	10.671	747	751	754	rBV3	315374	636260	11.98%	0.663%
34	10.842	762	766	767	rBV4	63787	154536	2.91%	0.161%

LSC Area Percent Report

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Operator : UM/IZ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

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-BF111915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.991	774	779	781	rBV5	162018	390803	7.36%	0.407%
36	11.025	781	782	785	rVB2	244296	274705	5.17%	0.286%
37	11.082	785	787	788	rBV	166071	192456	3.62%	0.201%
38	11.116	788	790	791	rVV	518486	446185	8.40%	0.465%
39	11.254	797	802	803	rBV2	3100655	4655363	87.64%	4.852%
40	11.299	803	806	807	rVV	1244436	1116586	21.02%	1.164%
41	11.334	807	809	811	rVV2	169180	166125	3.13%	0.173%
42	11.459	816	820	821	rBV2	400689	631414	11.89%	0.658%
43	11.539	824	827	830	rVB2	230789	421712	7.94%	0.440%
44	11.722	841	843	844	rVV	553958	545823	10.28%	0.569%
45	11.756	844	846	848	rVV	758894	825888	15.55%	0.861%
46	11.802	848	850	851	rVV	339843	300086	5.65%	0.313%
47	11.836	851	853	857	rVV2	1012543	1433789	26.99%	1.494%
48	11.951	857	863	865	rVV5	194622	437319	8.23%	0.456%
49	12.042	868	871	875	rVB2	568327	974823	18.35%	1.016%
50	12.168	880	882	884	rBV2	172129	189306	3.56%	0.197%
51	12.202	884	885	889	rVB	266625	378096	7.12%	0.394%
52	12.271	889	891	893	rBV	474504	758756	14.28%	0.791%
53	12.305	893	894	898	rVV3	225882	618617	11.65%	0.645%
54	12.362	898	899	901	rVB2	347055	332081	6.25%	0.346%
55	12.442	903	906	908	rBV	5136599	5312056	100.00%	5.536%
56	12.488	908	910	912	rBV2	191528	280094	5.27%	0.292%
57	12.522	912	913	915	rVB	235127	242367	4.56%	0.253%
58	12.579	915	918	919	rBV2	271405	436571	8.22%	0.455%
59	12.671	923	926	928	rVV	3189262	5300679	99.79%	5.524%
60	12.705	928	929	933	rVB2	273552	489162	9.21%	0.510%
61	12.785	933	936	937	rBV	335645	527886	9.94%	0.550%
62	12.808	937	938	941	rVB	2187375	2770113	52.15%	2.887%
63	12.888	941	945	946	rBV2	489329	716923	13.50%	0.747%
64	12.991	948	954	956	rBV2	833967	1407670	26.50%	1.467%
65	13.059	956	960	961	rBV	551449	605589	11.40%	0.631%
66	13.094	961	963	964	rVV	764231	744282	14.01%	0.776%
67	13.151	967	968	969	rBV	138085	126525	2.38%	0.132%
68	13.185	969	971	972	rVB	385506	297490	5.60%	0.310%
69	13.219	972	974	976	rBV2	242355	318856	6.00%	0.332%
70	13.368	985	987	988	rBV2	148021	265978	5.01%	0.277%
71	13.402	988	990	992	rVV3	217060	405981	7.64%	0.423%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OS-1601

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.494	995	998	1001	rBV	660856	891516	16.78%	0.929%
73	13.608	1005	1008	1009	rBV	559679	752799	14.17%	0.785%
74	13.699	1015	1016	1018	rVB	397925	431696	8.13%	0.450%
75	13.859	1026	1030	1031	rBV2	2602036	4490901	84.54%	4.680%
76	13.882	1031	1032	1036	rVV	1658232	2462494	46.36%	2.566%
77	13.962	1037	1039	1040	rVV2	300712	327586	6.17%	0.341%
78	13.997	1040	1042	1045	rVV2	249107	464936	8.75%	0.485%
79	14.088	1048	1050	1051	rVB	182186	237682	4.47%	0.248%
80	14.180	1056	1058	1059	rBV2	97387	146938	2.77%	0.153%
81	14.248	1059	1064	1065	rVV	709062	1043413	19.64%	1.087%
82	14.282	1065	1067	1069	rVV	419493	541203	10.19%	0.564%
83	14.340	1069	1072	1073	rVV3	291089	514849	9.69%	0.537%
84	14.374	1073	1075	1078	rVV4	314037	788218	14.84%	0.821%
85	14.442	1080	1081	1084	rVB2	201776	205860	3.88%	0.215%
86	14.545	1088	1090	1092	rVV	233373	358994	6.76%	0.374%
87	14.660	1096	1100	1102	rVV2	205743	484237	9.12%	0.505%
88	14.717	1102	1105	1109	rVV3	239044	541556	10.19%	0.564%
89	14.785	1109	1111	1112	rVV	159385	207635	3.91%	0.216%
90	14.877	1115	1119	1123	rBV	1738695	3861493	72.69%	4.024%
91	14.957	1125	1126	1128	rVB	430332	491738	9.26%	0.512%
92	15.140	1139	1142	1145	rVB	1074489	1364332	25.68%	1.422%
93	15.197	1145	1147	1149	rVB	1503623	1654300	31.14%	1.724%
94	15.254	1149	1152	1153	rBV	527593	871101	16.40%	0.908%
95	15.688	1188	1190	1194	rBV4	107862	246619	4.64%	0.257%
96	16.557	1262	1266	1270	rVB	596676	1061977	19.99%	1.107%
97	16.705	1277	1279	1281	rVB	91855	139610	2.63%	0.146%
98	16.751	1281	1283	1286	rBV2	116985	168147	3.17%	0.175%
99	16.945	1296	1300	1307	rVB	453882	986022	18.56%	1.028%
100	17.140	1315	1317	1321	rBV	91983	188780	3.55%	0.197%

Sum of corrected areas: 95951830

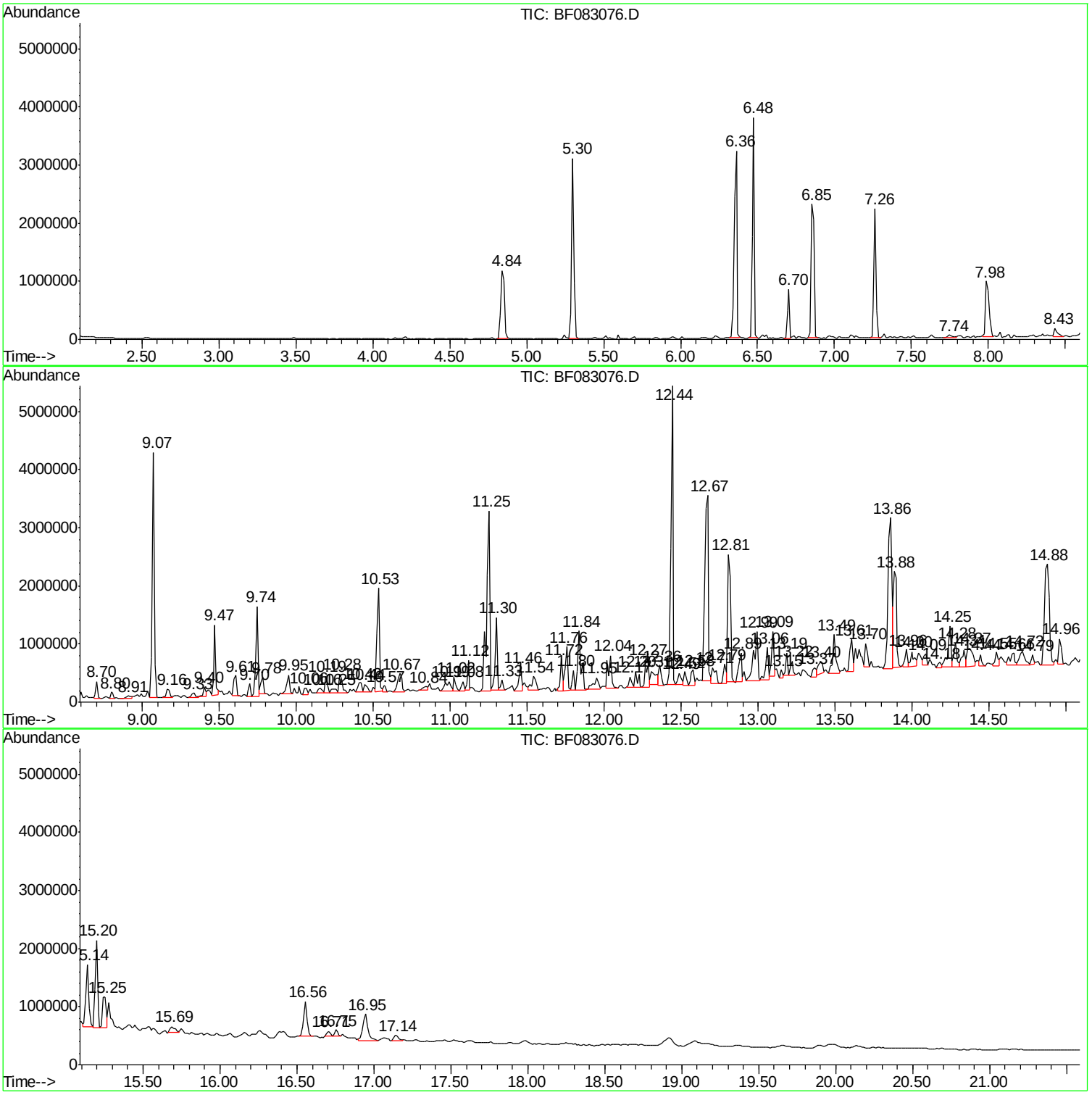
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083076.D
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Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

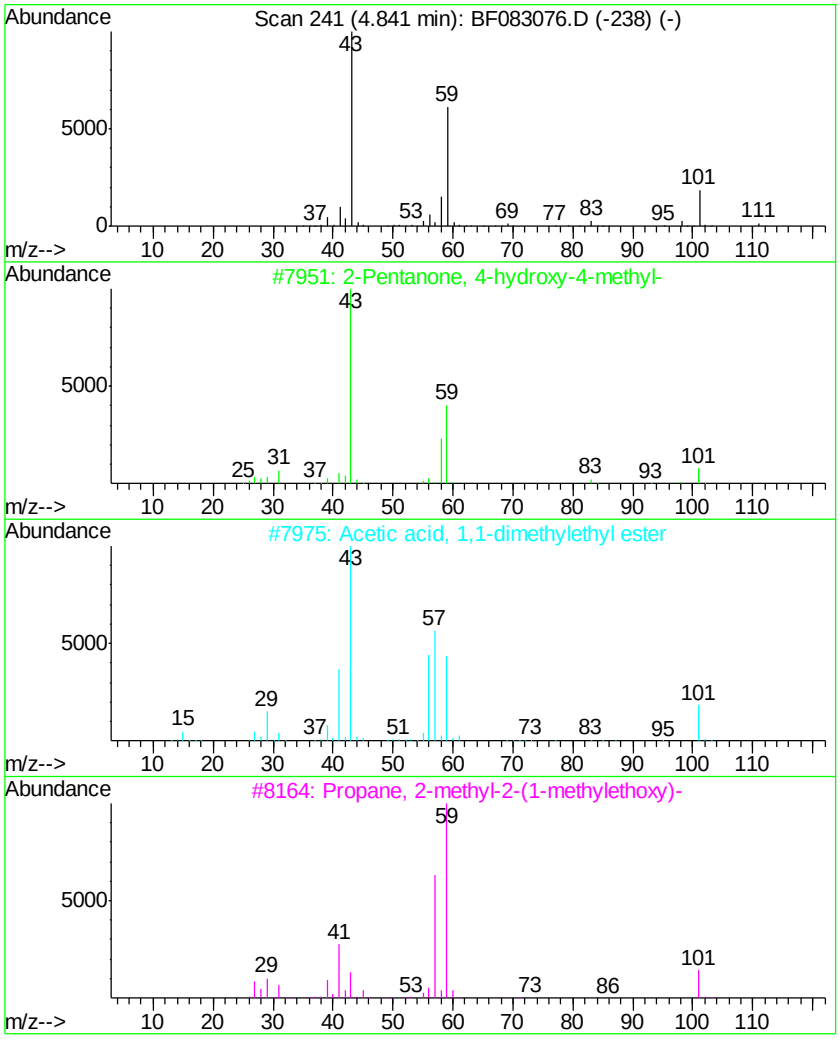
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

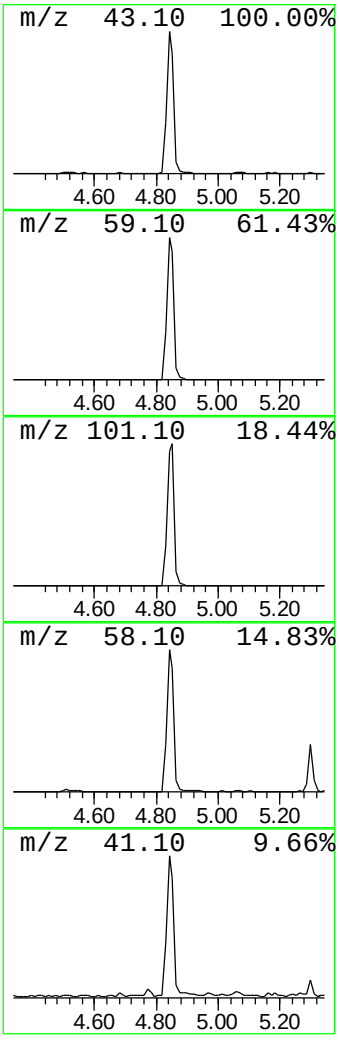
****

Peak Number 1 unknown4.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	40.77 ng	1867480	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

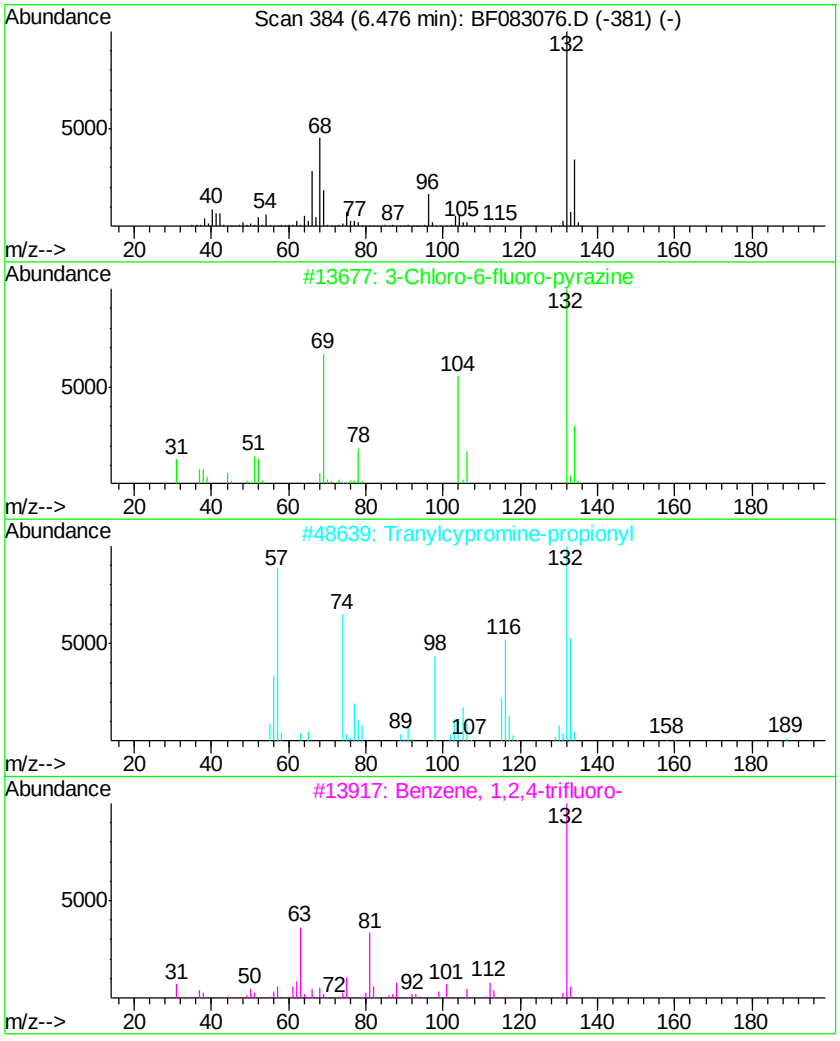
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

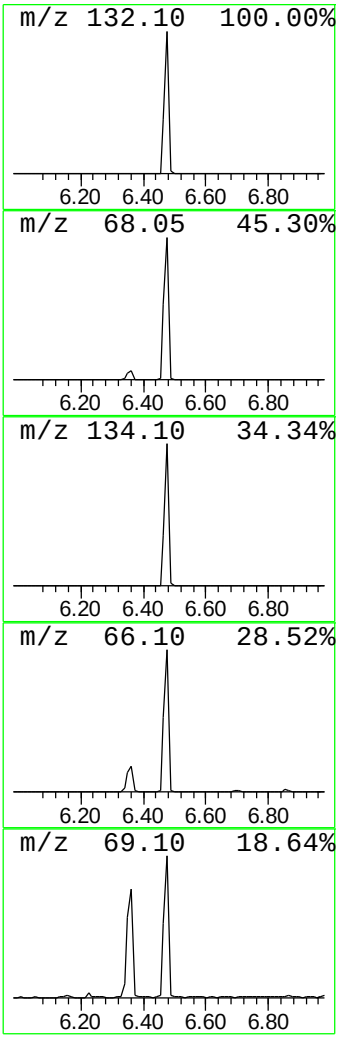
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	84.27 ng	3859810	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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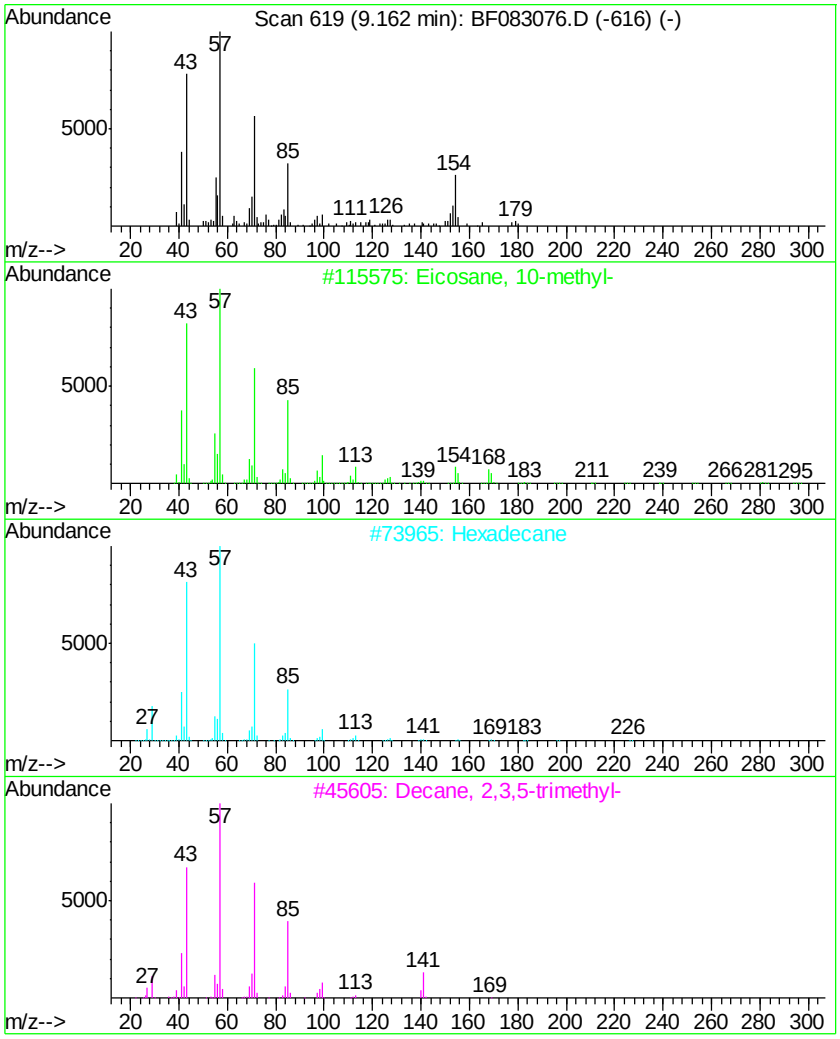
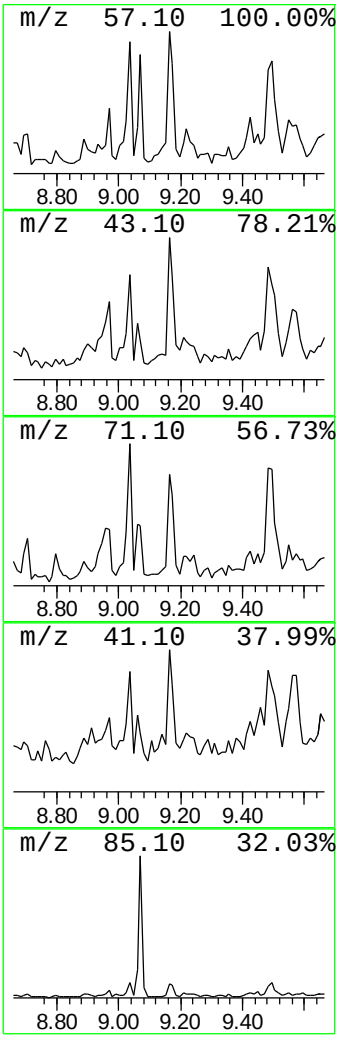
Peak Number 4 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	3.53 ng	258524	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
2	Hexadecane	226	C16H34	000544-76-3	52
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
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Acq On : 20 Nov 2015 12:21
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Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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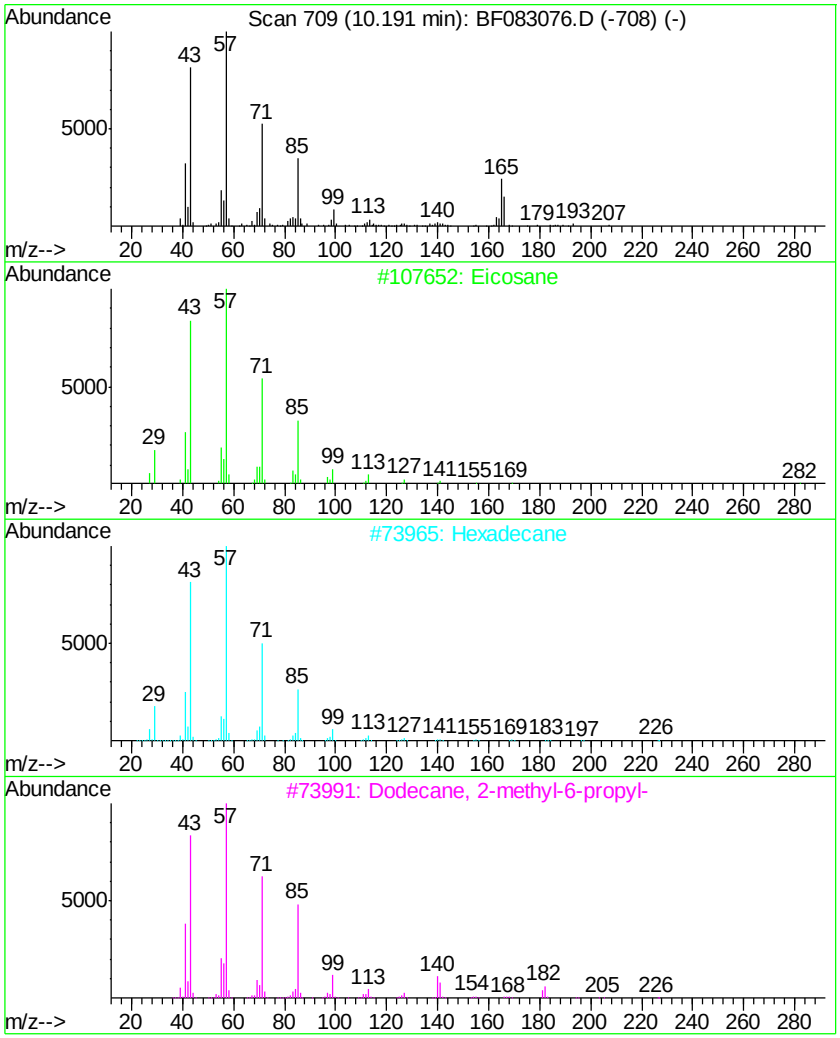
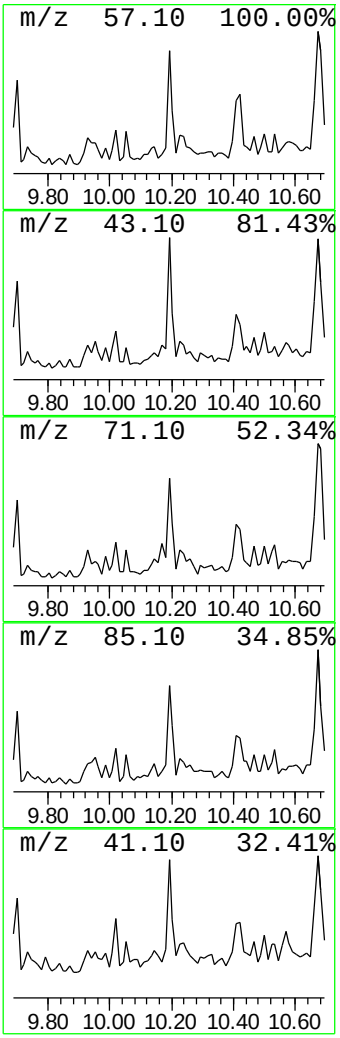
Peak Number 5 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.87 ng	283585	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	58
2	Hexadecane	226	C16H34	000544-76-3	58
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50
4	Heptadecane	240	C17H36	000629-78-7	50
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
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Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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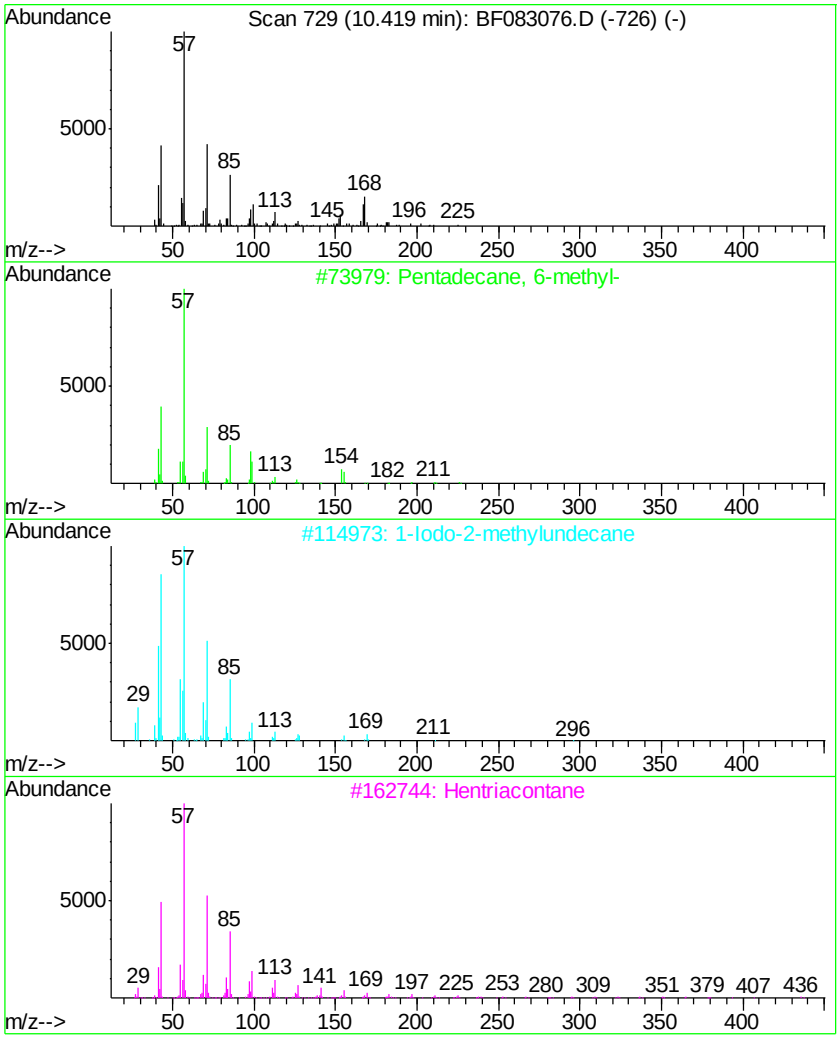
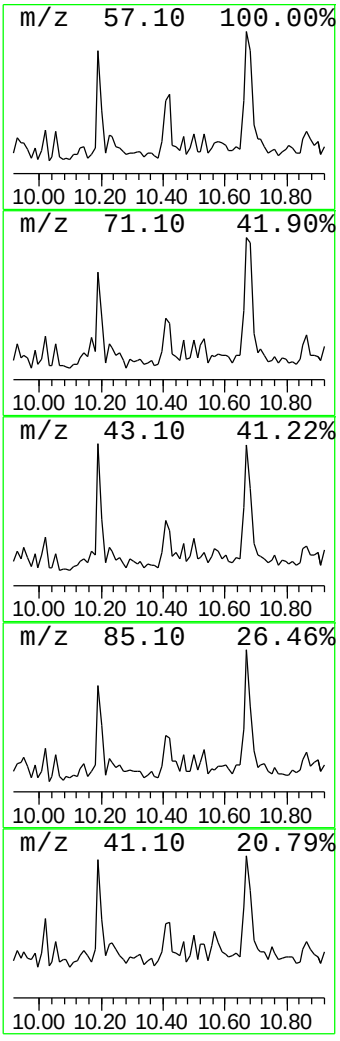
Peak Number 6 Pentadecane, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.75 ng	274753	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5	Nonacosane	408	C29H60	000630-03-5	50





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Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

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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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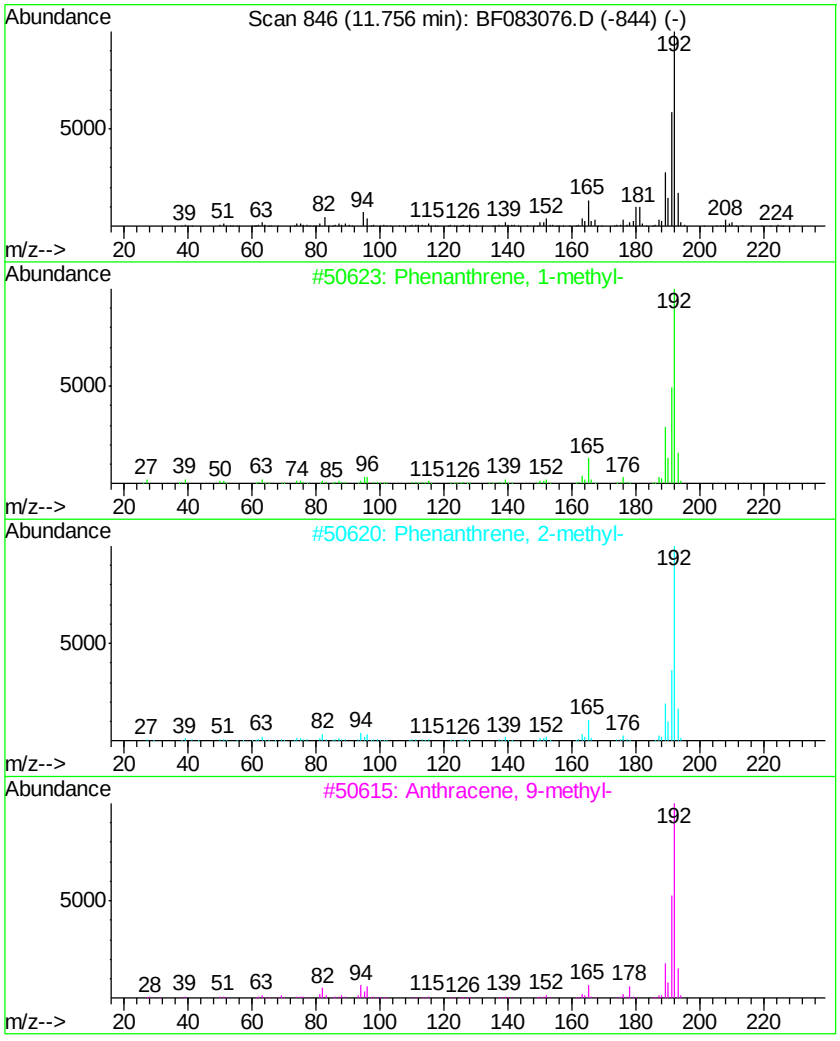
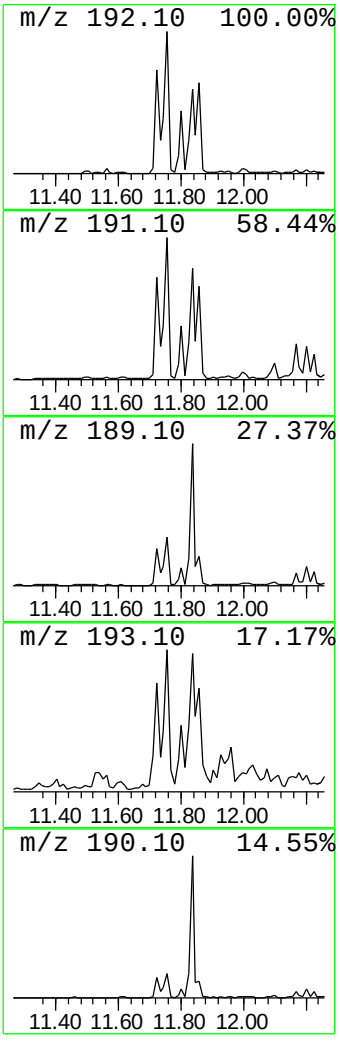
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.55 ng	825888	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Library Search Compound Report

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Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

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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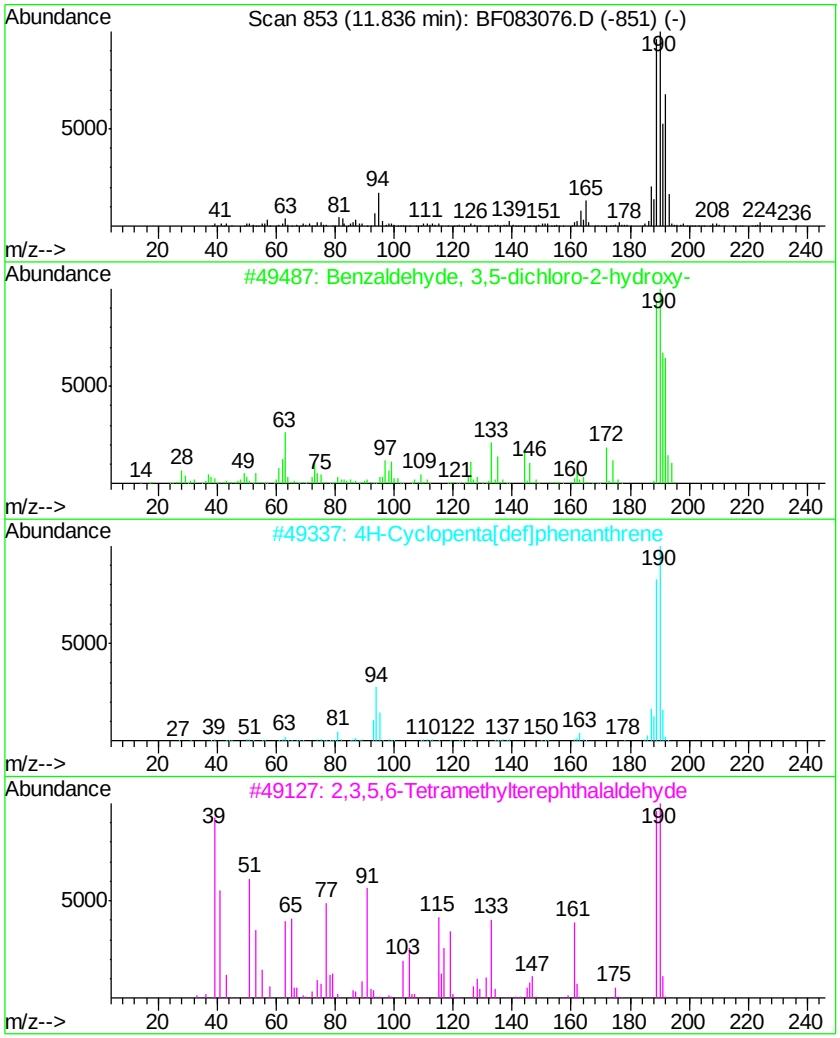
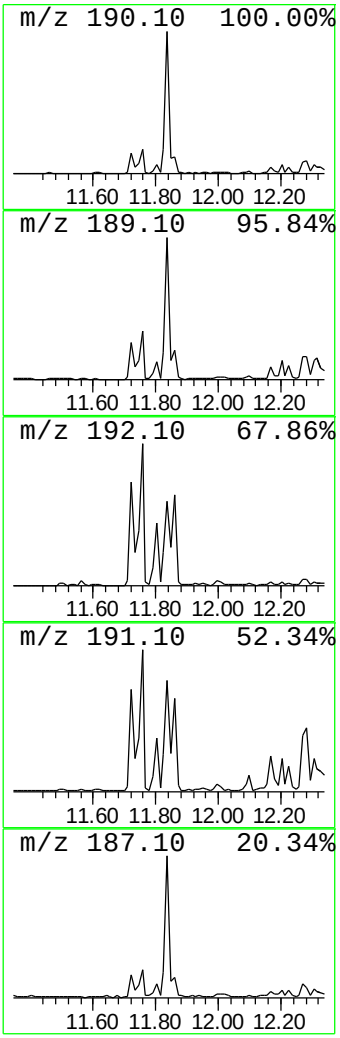
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.16 ng	1433790	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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

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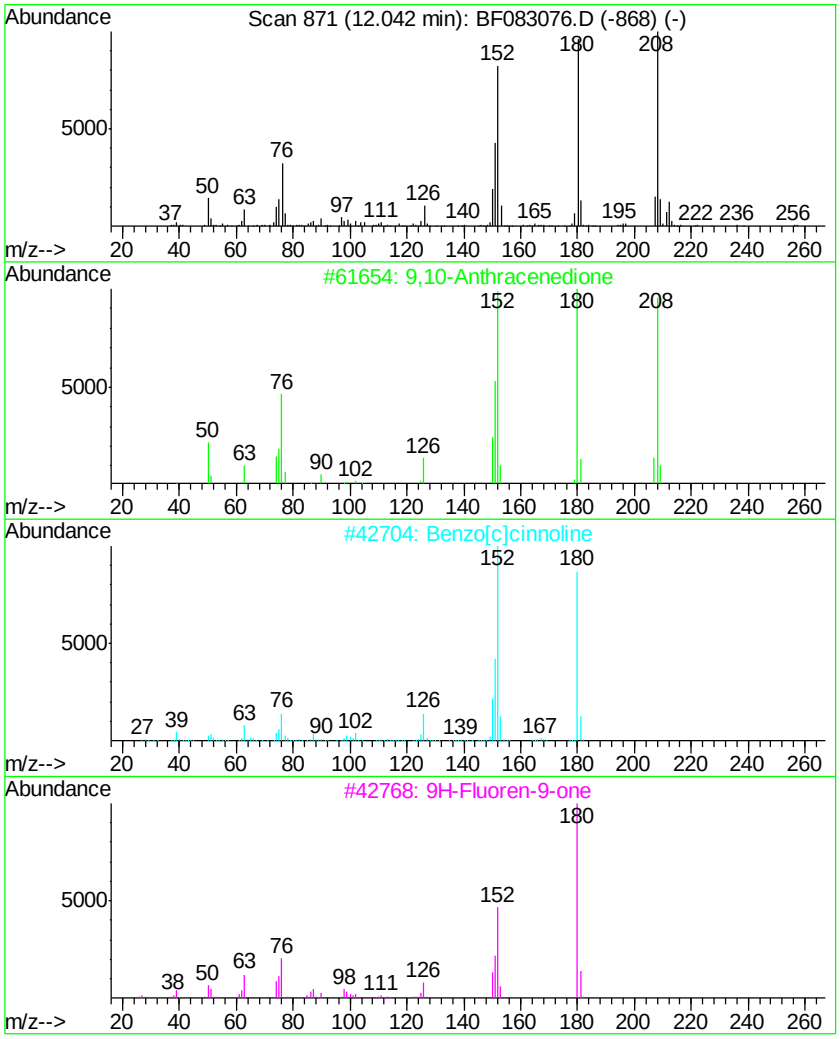
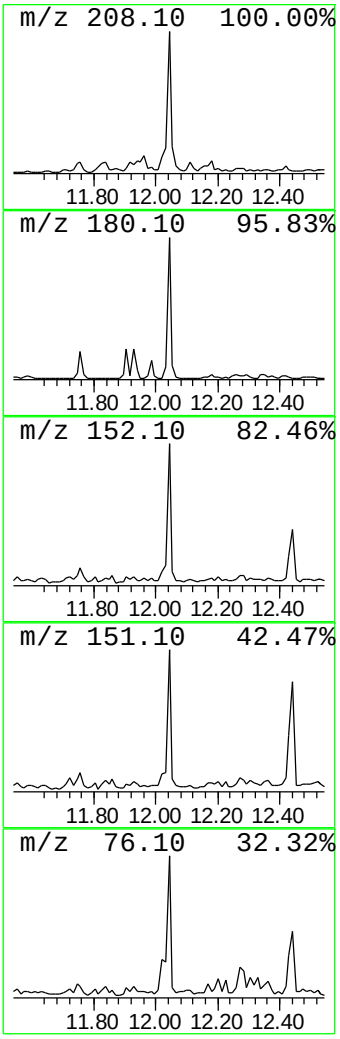
Peak Number 9 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.19 ng	974823	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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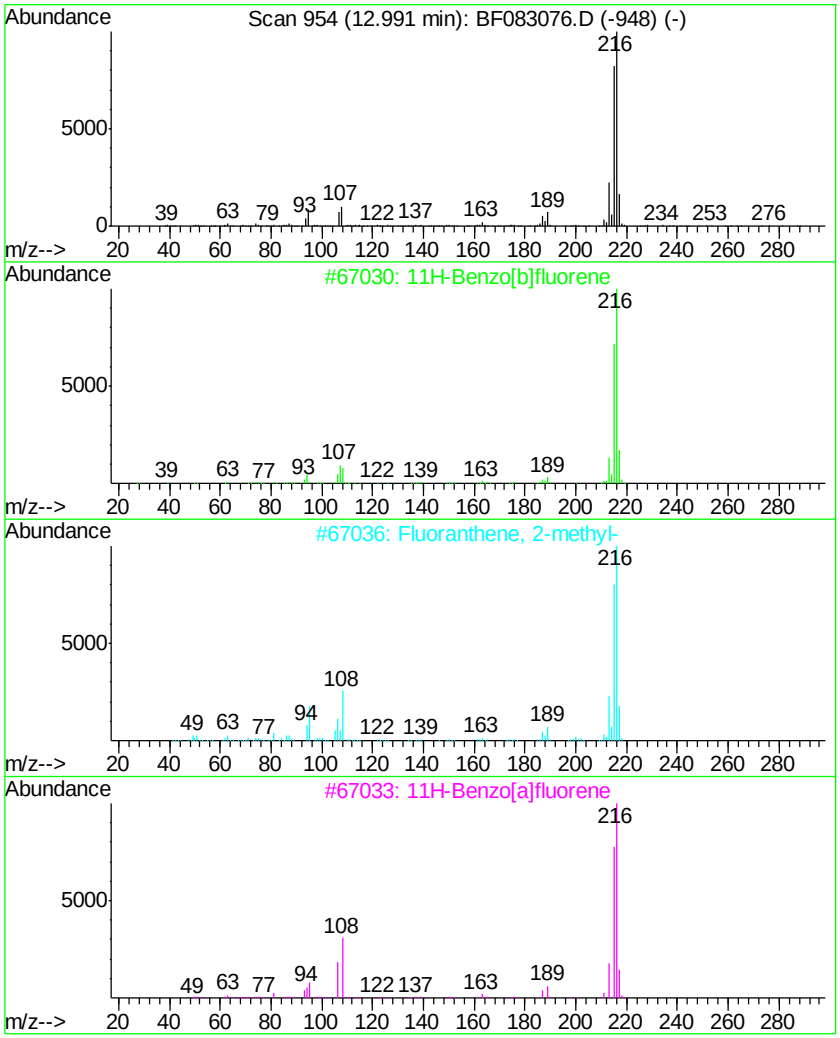
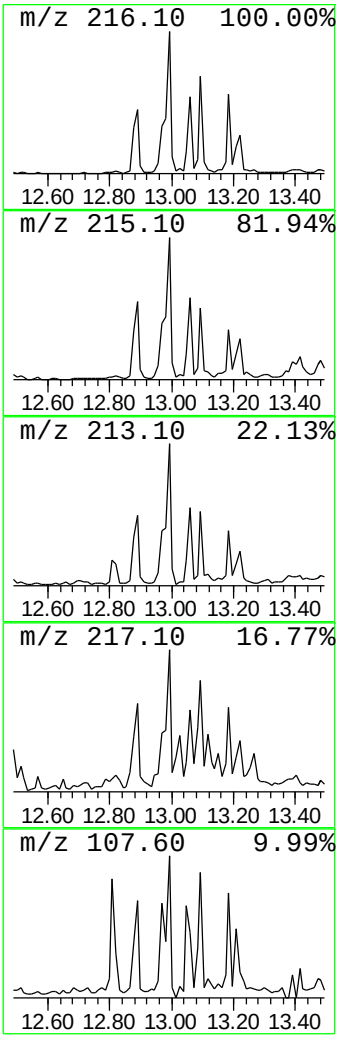
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	6.27 ng	1407670	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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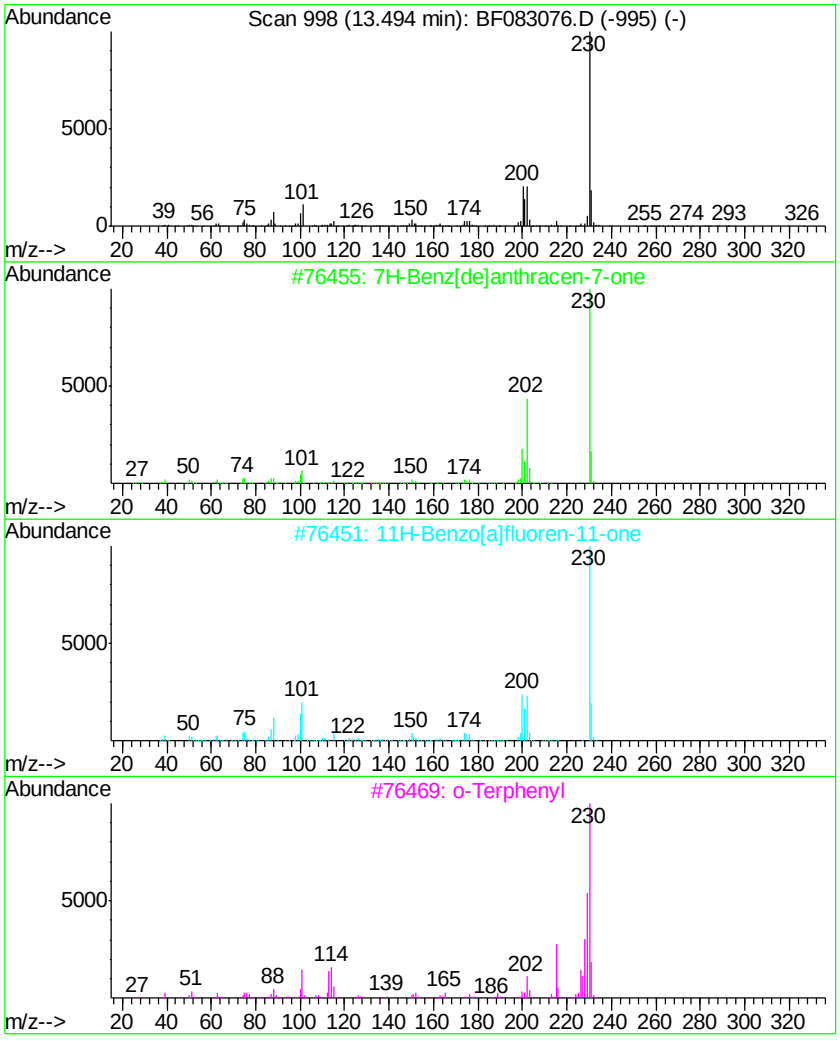
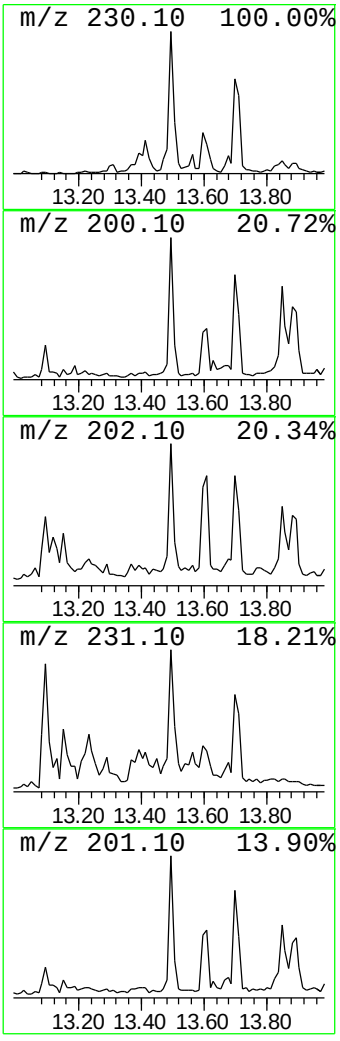
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.97 ng	891516	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
3	o-Terphenyl	230	C18H14	000084-15-1	58
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	56
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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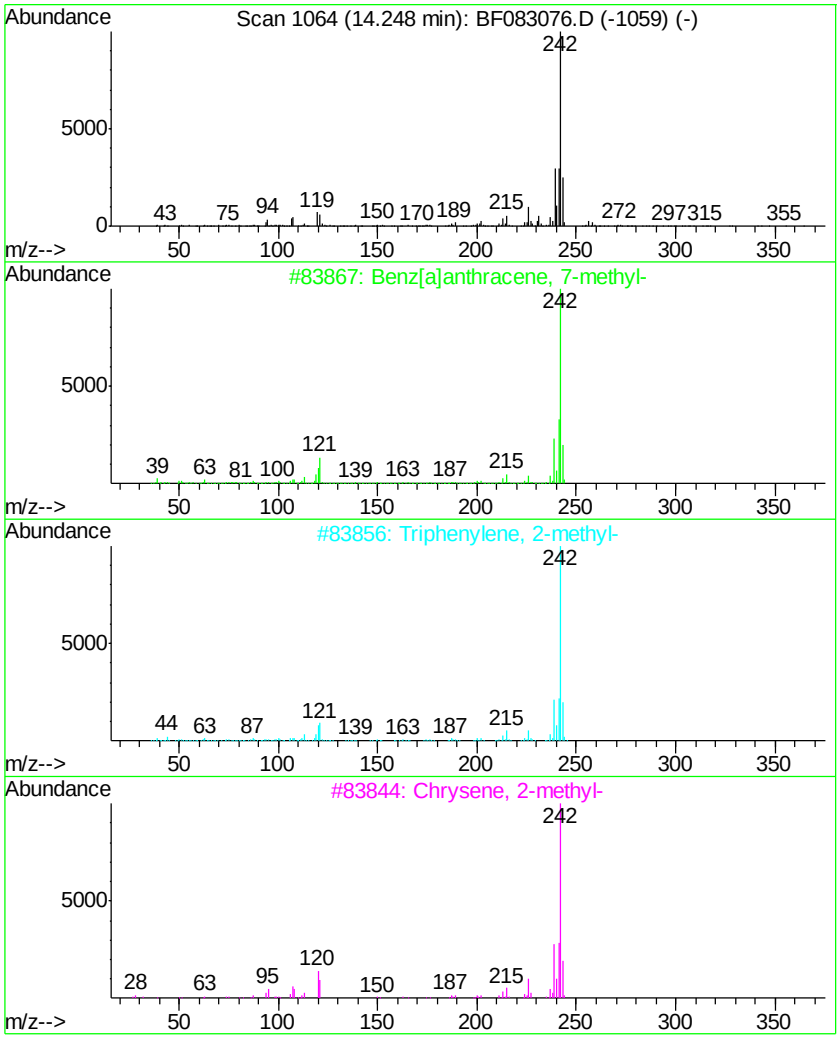
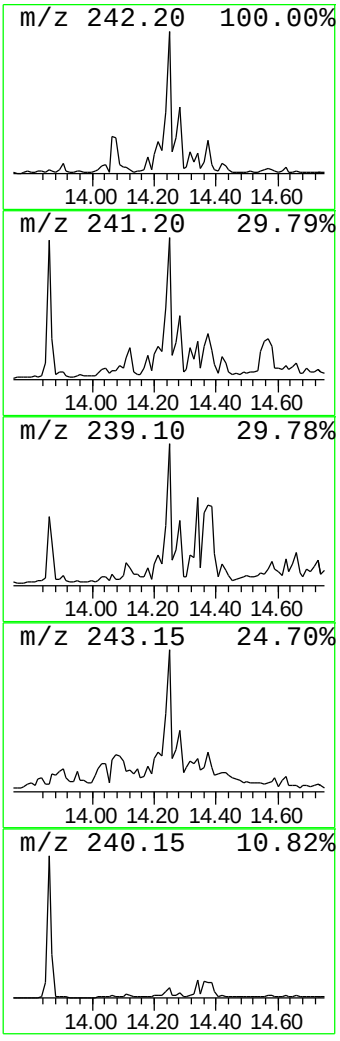
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	4.65 ng	1043410	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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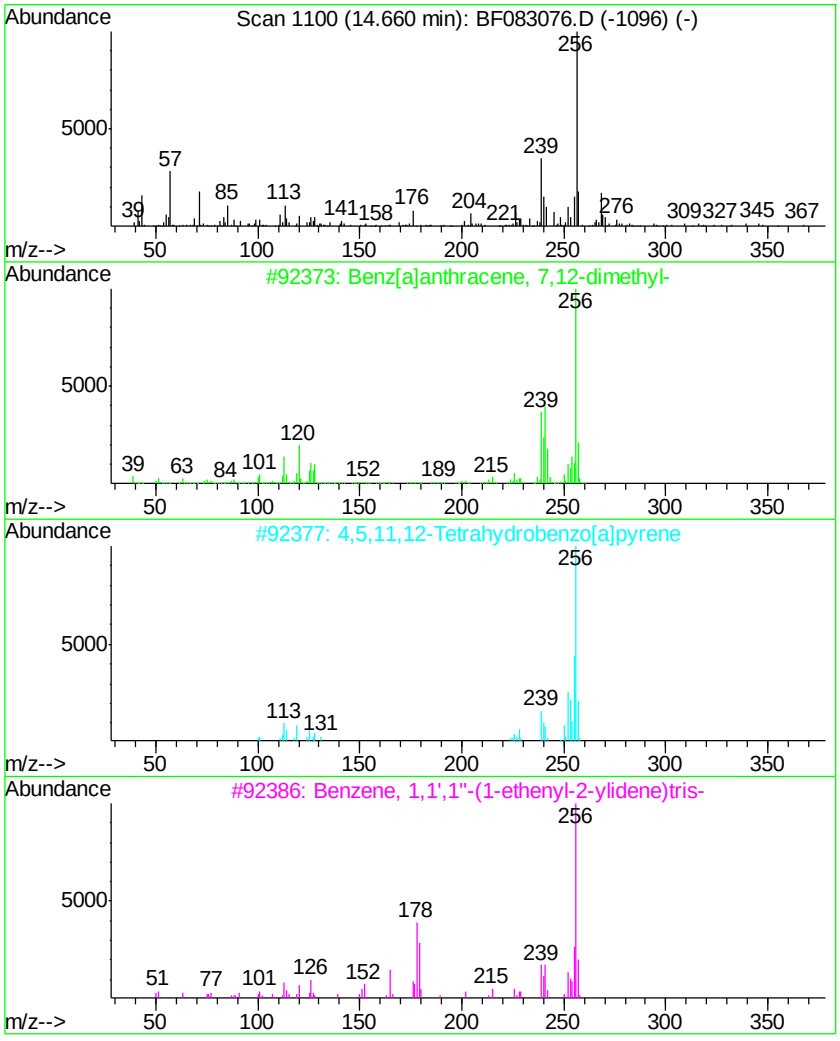
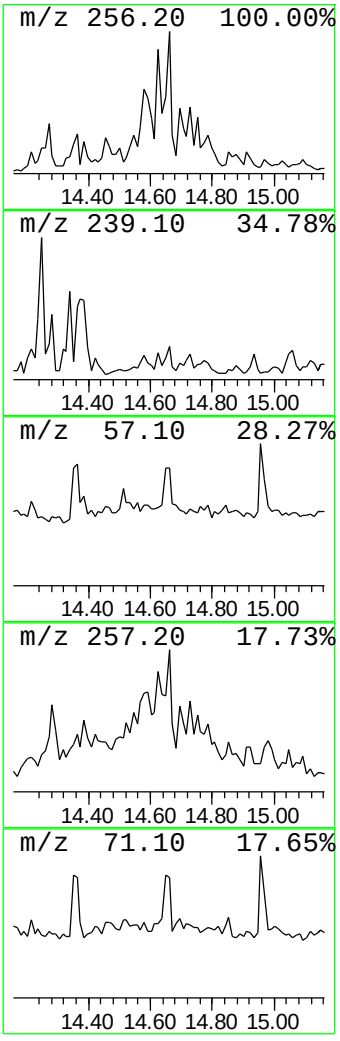
Peak Number 13 Benz[a]anthracene, 7,12-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	11.12 ng	484237	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	76
2	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	58
3	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	50
4	Methanone, bis(3-methoxyphenyl)-...	256	C15H16N2O2	067437-15-4	47
5	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	47





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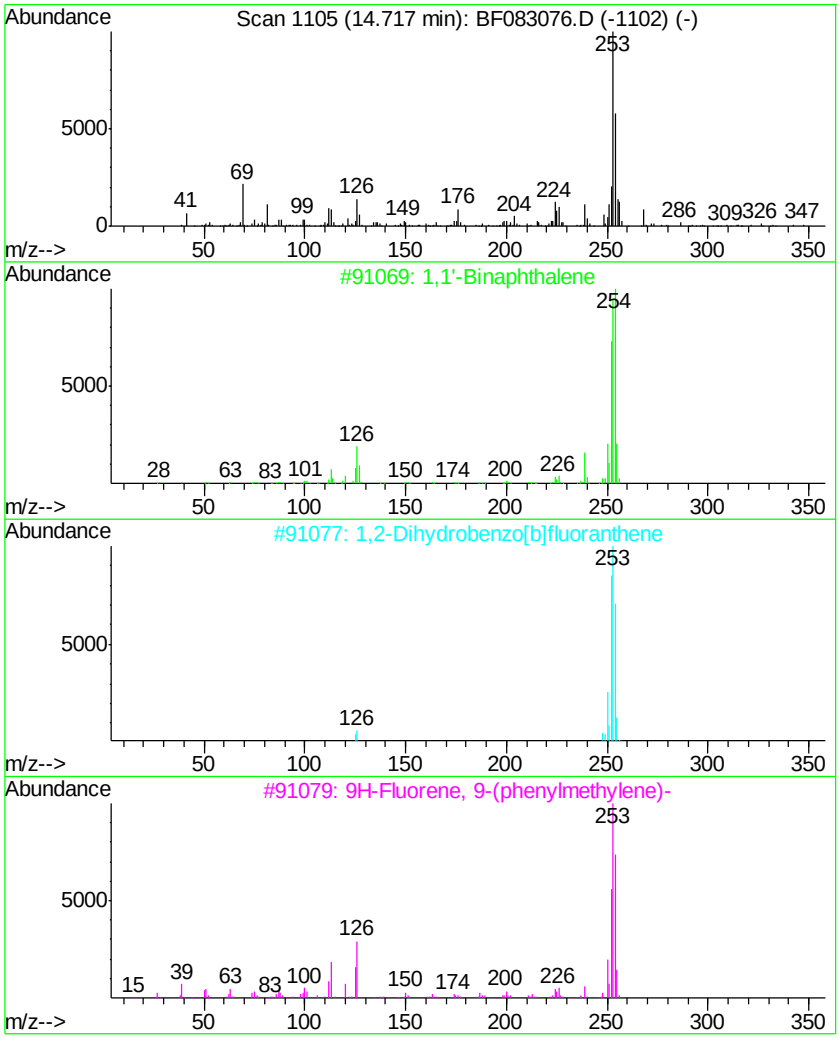
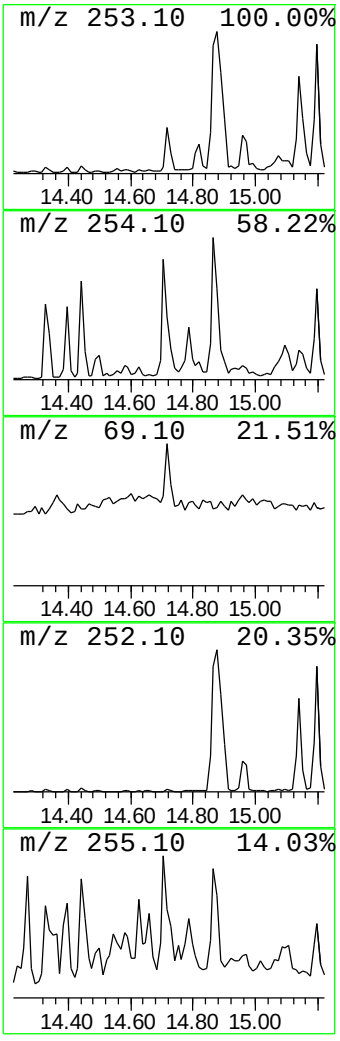
Peak Number 14 1,1'-Binaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	12.43 ng	541556	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
4	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	59
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	55





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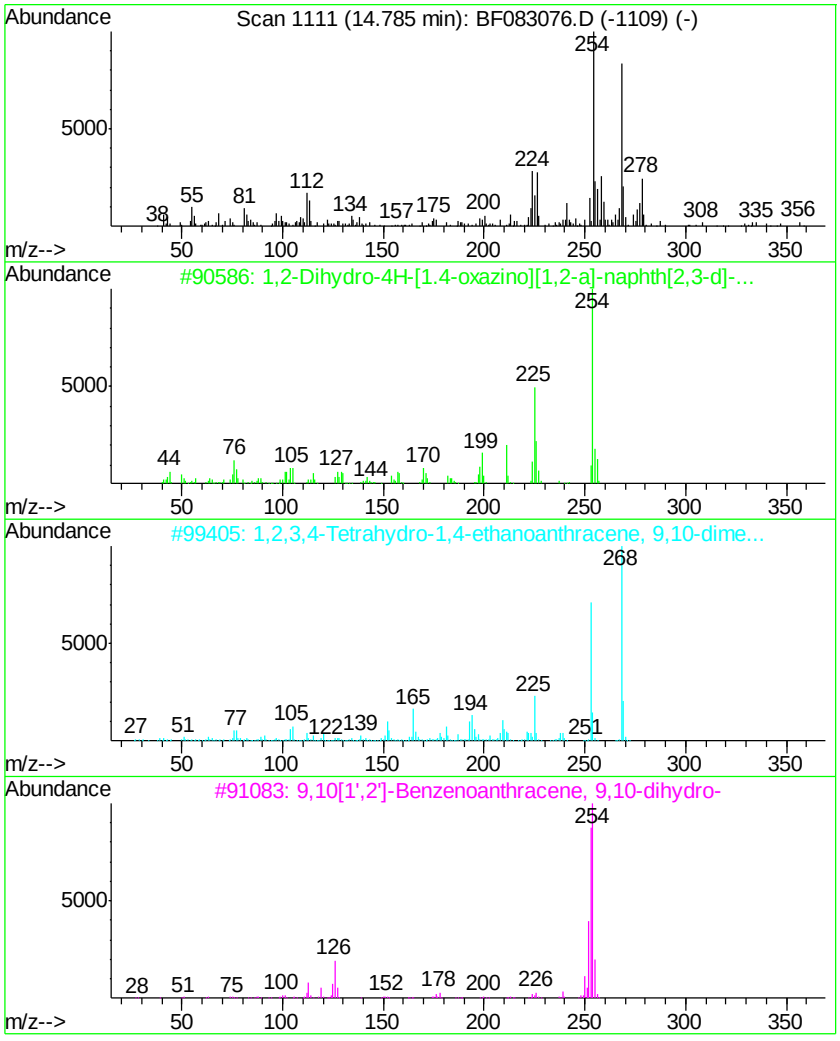
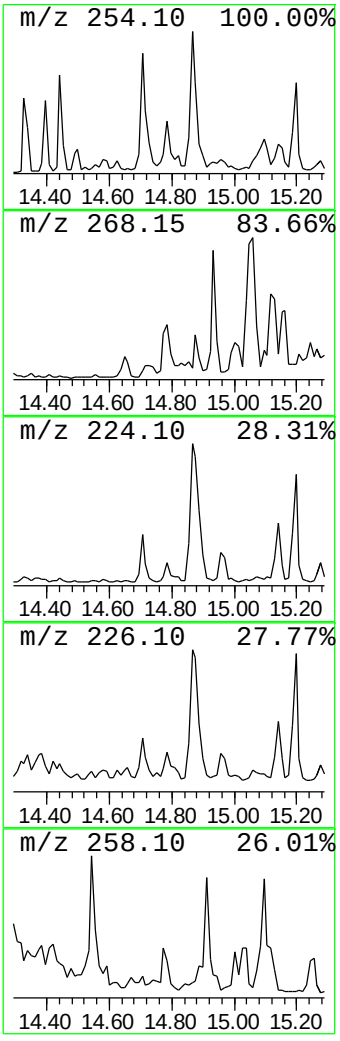
Peak Number 15 unknown14.79 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.77 ng	207635	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-4H-[1.4-oxazino][1,2...	254	C14H10N2O3	038066-84-1	27
2	1,2,3,4-Tetrahydro-1,4-ethanoant...	268	C18H20O2	177205-54-8	25
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	25
4	Pteridin-4(3H)-one, 3-ethyl-6-ph...	268	C14H12N4O2	113424-84-3	25
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	22





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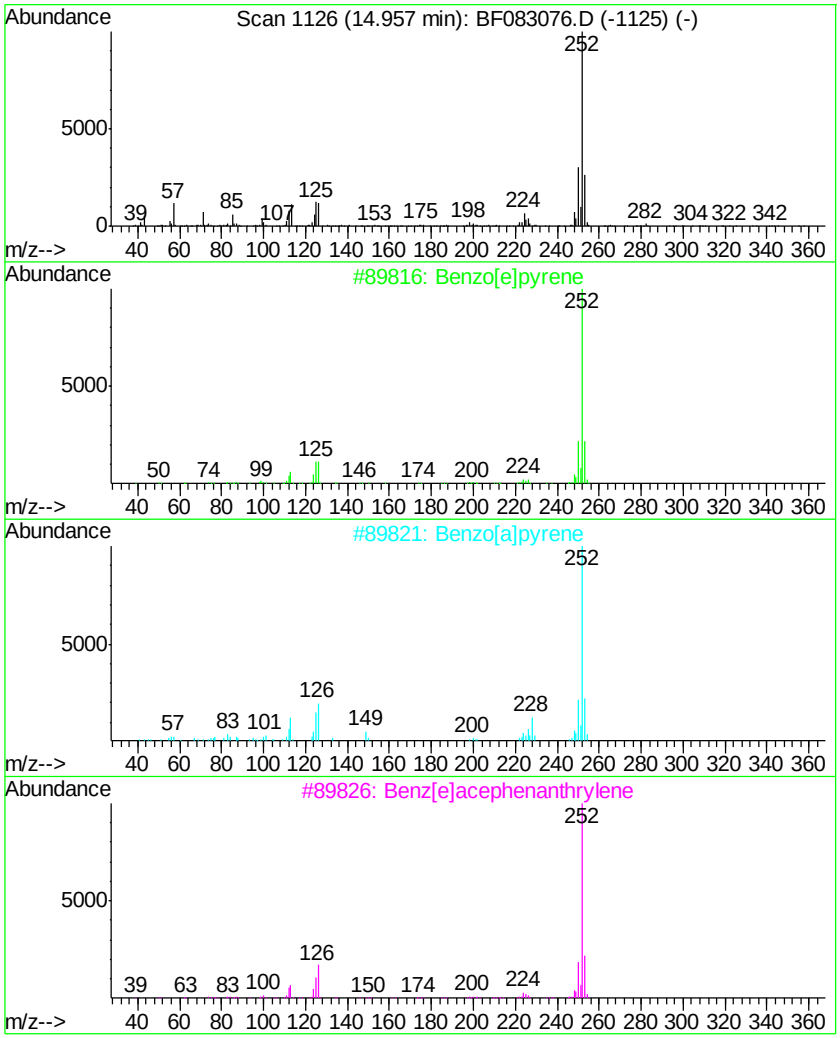
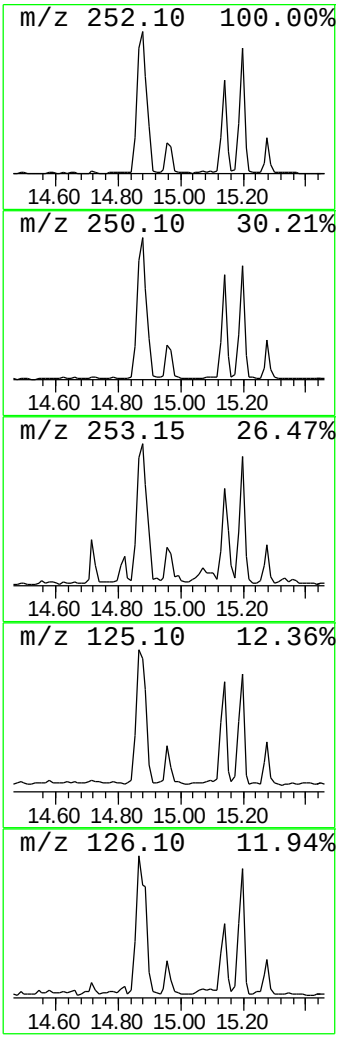
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	11.29 ng	491738	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





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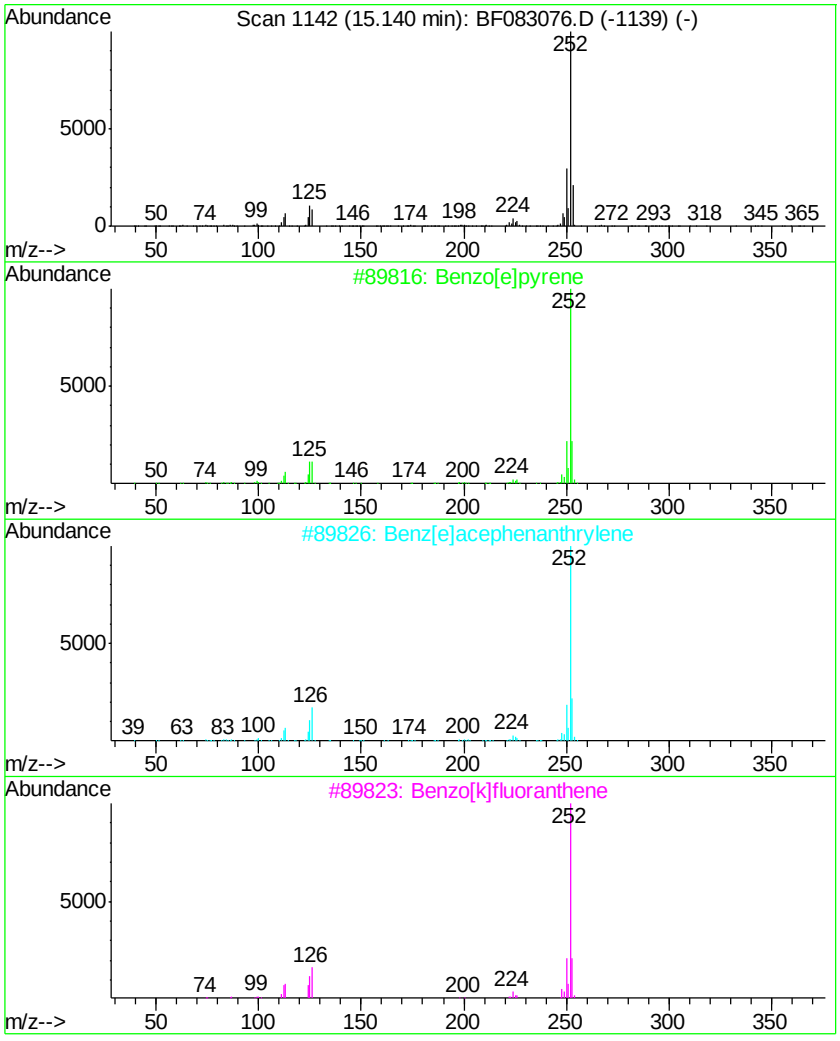
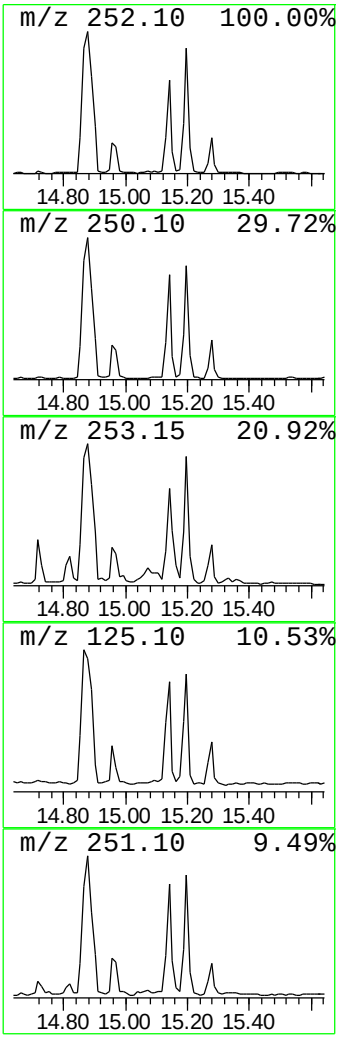
Peak Number 17 unknown15.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	31.32 ng	1364330	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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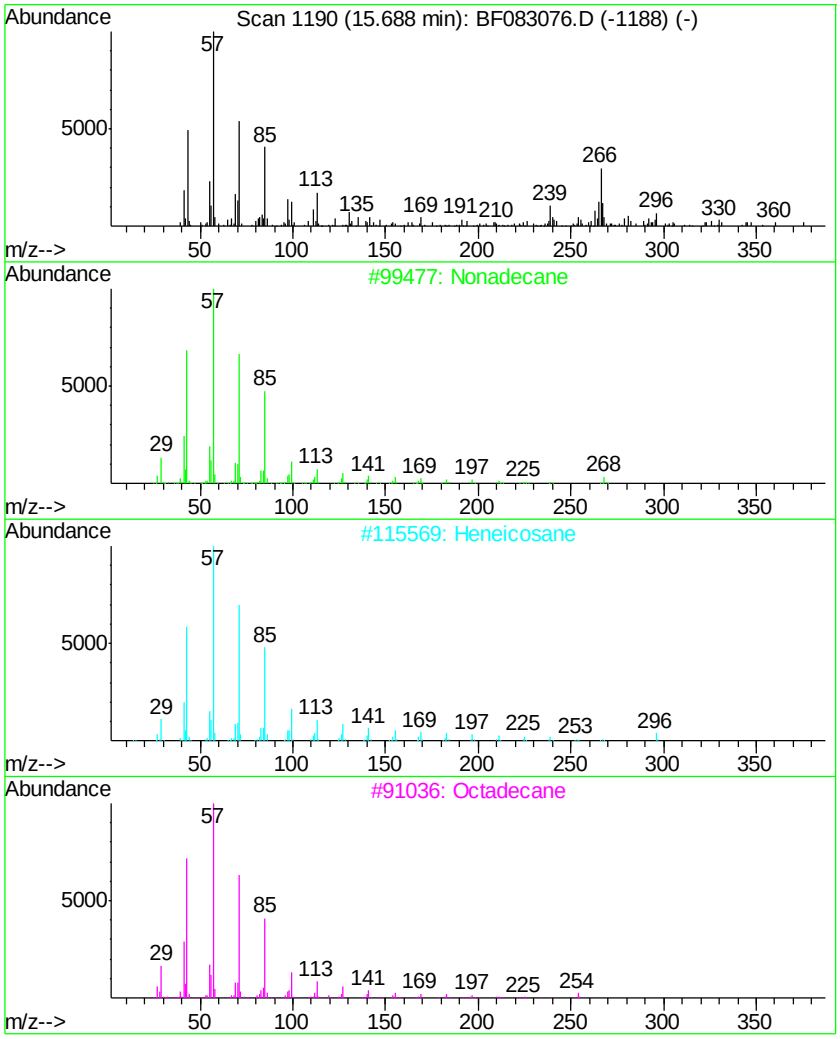
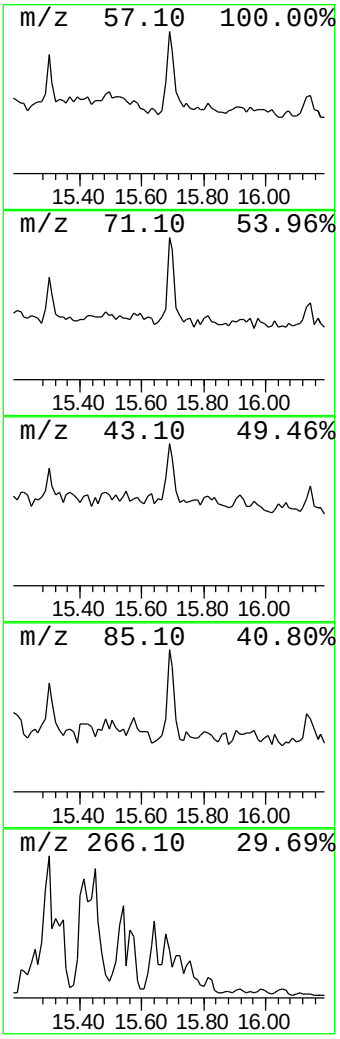
Peak Number 18 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.66 ng	246619	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	60
2	Heneicosane	296	C21H44	000629-94-7	60
3	Octadecane	254	C18H38	000593-45-3	55
4	Hexadecane	226	C16H34	000544-76-3	49
5	Hexacosane	366	C26H54	000630-01-3	47





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

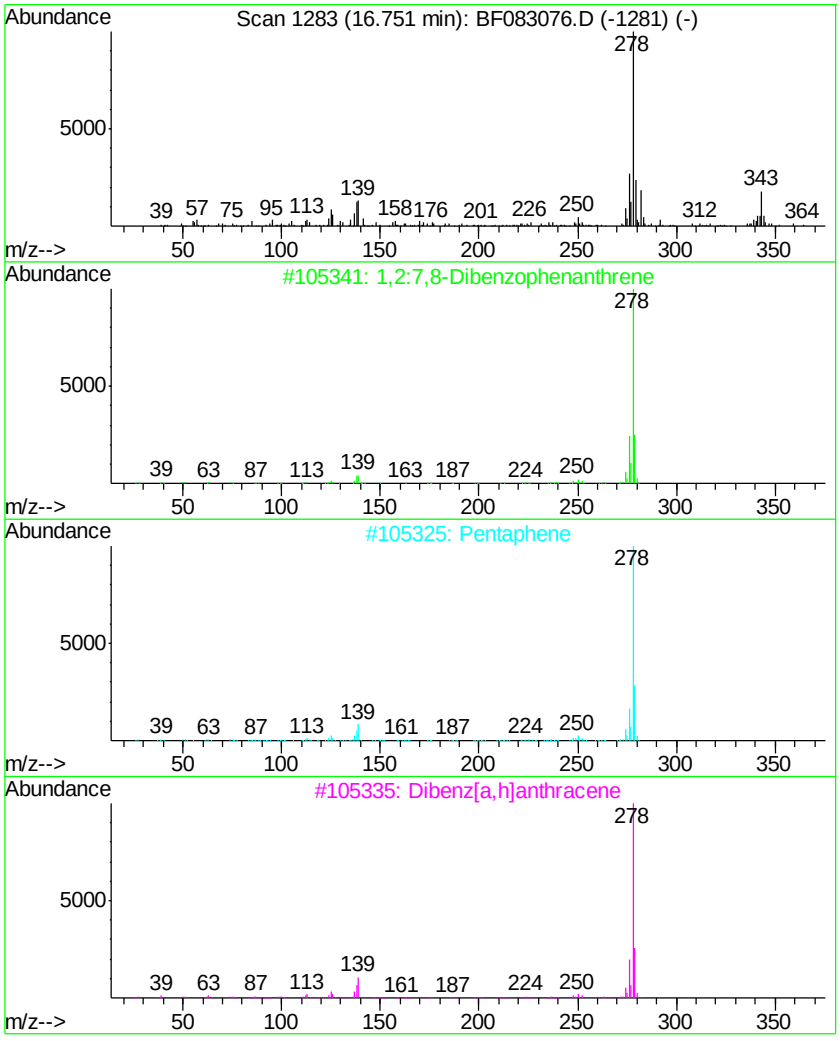
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

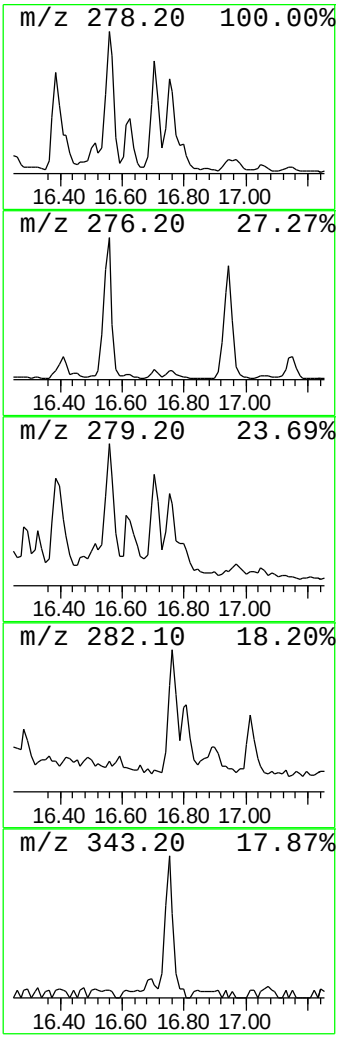
****

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.86 ng	168147	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
2	Pentaphene	278	C22H14	000222-93-5	92
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
5	Pentacene	278	C22H14	000135-48-8	83





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_F\DATA\BF112015\
Data File : BF083076.D
Acq On : 20 Nov 2015 12:21
Operator : UM/IZ
Sample : G4436-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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
unknown4.84	4.84	40.8	ng	1867480	1	6.70	916013	20.0
unknown6.48	6.48	84.3	ng	3859810	1	6.70	916013	20.0
Eicosane, 10-methyl-	9.16	3.5	ng	258524	3	9.74	1465500	20.0
Eicosane	10.19	3.9	ng	283585	3	9.74	1465500	20.0
Pentadecane, 6-me...	10.42	3.8	ng	274753	3	9.74	1465500	20.0
Phenanthrene, 1-m...	11.76	3.5	ng	825888	4	11.22	4655360	20.0
Benzaldehyde, 3,5...	11.84	6.2	ng	1433790	4	11.22	4655360	20.0
9,10-Anthracenedione	12.04	4.2	ng	974823	4	11.22	4655360	20.0
11H-Benzo[b]fluorene	12.99	6.3	ng	1407670	5	13.86	4490900	20.0
7H-Benz[de]anthra...	13.49	4.0	ng	891516	5	13.86	4490900	20.0
Benz[a]anthracene...	14.25	4.7	ng	1043410	5	13.86	4490900	20.0
Benz[a]anthracene...	14.66	11.1	ng	484237	6	15.25	871101	20.0
1,1'-Binaphthalene	14.72	12.4	ng	541556	6	15.25	871101	20.0
unknown14.79	14.79	4.8	ng	207635	6	15.25	871101	20.0
Benzo[e]pyrene	14.96	11.3	ng	491738	6	15.25	871101	20.0
unknown15.14	15.14	31.3	ng	1364330	6	15.25	871101	20.0
Nonadecane	15.69	5.7	ng	246619	6	15.25	871101	20.0
1,2:7,8-Dibenzoph...	16.75	3.9	ng	168147	6	15.25	871101	20.0