LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

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-BF081715.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	3.806	178	181	186	rBV	76170	126126	2.00%	0.182%
2	4.617	247	252	254	rBV	914699	1809202	28.70%	2.609%
3	5.074	289	292	295	rBV	1304139	1785366	28.32%	2.575%
4	5.760	349	352	354	rBV	2187315	2102853	33.36%	3.033%
5	5.932	364	367	368	rBV	122411	145489	2.31%	0.210%
6	6.046	375	377	381	rVB	63348	64861	1.03%	0.094%
7	6.172	385	388	389	rBV	1670892	1912721	30.34%	2.758%
8	6.194	389	390	393	rVV	956404	837300	13.28%	1.207%
9	6.274	394	397	400	rVB	1516279	1654588	26.25%	2.386%
10	6.389	406	407	409	rVB	103211	89863	1.43%	0.130%
11	6.503	415	417	420	rBV	347084	339145	5.38%	0.489%
12	6.594	422	425	427	rBV	657765	587777	9.32%	0.848%
13	6.629	427	428	429	rVV	189691	188293	2.99%	0.272%
14	6.663	429	431	434	rVB	1339883	1248513	19.81%	1.801%
15	7.086	465	468	470	rBV	1222745	1412163	22.40%	2.037%
16	7.189	474	477	482	rVV3	30324	64123	1.02%	0.092%
17	7.509	500	505	506	rBV	76299	128700	2.04%	0.186%
18	7.532	506	507	509	rVB	321870	249591	3.96%	0.360%
19	7.795	527	530	532	rVV	554124	546888	8.68%	0.789%
20	7.852	534	535	540	rVB2	86805	95638	1.52%	0.138%
21	7.932	540	542	544	rBV	78637	70957	1.13%	0.102%
22	8.595	599	600	603	rVB	53061	63286	1.00%	0.091%
23	8.880	622	625	627	rVB	1489824	1915140	30.38%	2.762%
24	9.200	651	653	654	rVV	98989	88856	1.41%	0.128%
25	9.269	658	659	662	rVV	211879	202569	3.21%	0.292%
26	9.395	668	670	672	rVB	134331	117450	1.86%	0.169%
27	9.532	680	682	684	rBV	487269	466665	7.40%	0.673%
28	9.566	684	685	687	rVV	248990	195936	3.11%	0.283%
29	9.738	698	700	702	rBV	153319	143691	2.28%	0.207%
30	9.943	716	718	721	rBV3	29982	71217	1.13%	0.103%
31	10.069	728	729	731	rVV	133451	173409	2.75%	0.250%
32	10.206	738	741	742	rVV3	48750	68260	1.08%	0.098%
33	10.229	742	743	747	rVV2	56847	89528	1.42%	0.129%
34	10.321	748	751	753	rVV	1089156	1130039	17.93%	1.630%

LSC Area Percent Report

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Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.458	760	763	766	rVB2	67747	126601	2.01%	0.183%
36	10.618	774	777	778	rBV	53147	79399	1.26%	0.115%
37	10.709	781	785	786	rVV3	70960	103286	1.64%	0.149%
38	10.778	787	791	792	rVV3	36166	85753	1.36%	0.124%
39	10.812	792	794	796	rVB	263405	236365	3.75%	0.341%
40	10.858	796	798	800	rBV2	60321	85691	1.36%	0.124%
41	10.903	800	802	804	rBV	147472	182727	2.90%	0.264%
42	11.041	808	814	815	rBV2	1676176	2742729	43.51%	3.955%
43	11.075	815	817	819	rVB	341370	377231	5.98%	0.544%
44	11.132	819	822	824	rBV	879126	970578	15.40%	1.400%
45	11.235	828	831	833	rBV2	211842	307627	4.88%	0.444%
46	11.338	838	840	842	rVB2	78194	99356	1.58%	0.143%
47	11.372	842	843	846	rBV3	90824	107492	1.71%	0.155%
48	11.498	852	854	856	rBV	298232	486973	7.73%	0.702%
49	11.532	856	857	859	rVV	451926	460551	7.31%	0.664%
50	11.578	859	861	863	rVV2	709716	845084	13.41%	1.219%
51	11.612	863	864	869	rVB2	400538	547359	8.68%	0.789%
52	11.704	869	872	875	rBV3	197355	480657	7.63%	0.693%
53	11.761	875	877	878	rVB2	181045	193306	3.07%	0.279%
54	11.829	878	883	884	rBV2	343262	568410	9.02%	0.820%
55	11.852	884	885	889	rBV4	52460	118637	1.88%	0.171%
56	11.921	889	891	892	rBV	236923	253683	4.02%	0.366%
57	11.944	892	893	897	rVB2	170993	277717	4.41%	0.401%
58	12.024	897	900	901	rBV	1583156	1655718	26.27%	2.388%
59	12.081	901	905	907	rVB4	218859	262005	4.16%	0.378%
60	12.138	909	910	912	rVB	173237	151929	2.41%	0.219%
61	12.172	912	913	915	rBV	240329	343426	5.45%	0.495%
62	12.218	915	917	919	rBV	1698642	1855830	29.44%	2.676%
63	12.275	919	922	924	rVV	1874204	2416972	38.34%	3.486%
64	12.355	927	929	931	rBV	403638	432815	6.87%	0.624%
65	12.446	934	937	939	rBV	1506562	2138887	33.93%	3.085%
66	12.595	944	950	951	rBV	1289806	1925405	30.54%	2.777%
67	12.618	951	952	954	rVB2	158669	212353	3.37%	0.306%
68	12.721	959	961	962	rBV	966578	1099770	17.45%	1.586%
69	12.766	962	965	968	rVB3	286868	744616	11.81%	1.074%
70	12.835	968	971	972	rBV	167142	226671	3.60%	0.327%
71	12.869	972	974	975	rBV	243523	296826	4.71%	0.428%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.892	975	976	978	rVB	654626	605062	9.60%	0.873%
73	12.984	980	984	986	rBV2	1332915	1787742	28.36%	2.578%
74	13.098	990	994	996	rBV2	548602	1008252	16.00%	1.454%
75	13.155	996	999	1003	rVV3	868757	1692104	26.84%	2.440%
76	13.418	1012	1022	1024	rBV5	1453505	6303524	100.00%	9.090%
77	13.532	1026	1032	1035	rVV2	1909011	6255761	99.24%	9.022%
78	13.635	1038	1041	1042	rVV	733317	1153033	18.29%	1.663%
79	13.669	1042	1044	1045	rVV	1223821	2013536	31.94%	2.904%
80	13.704	1045	1047	1049	rVB	1119200	1557916	24.72%	2.247%
81	13.989	1070	1072	1074	rBV2	187768	288553	4.58%	0.416%
82	14.641	1126	1129	1134	rVB	577224	1167009	18.51%	1.683%
83	14.927	1152	1154	1156	rVB	442482	568170	9.01%	0.819%
84	15.875	1234	1237	1242	rVB3	237868	554263	8.79%	0.799%
85	16.150	1258	1261	1265	rVB	217076	418486	6.64%	0.604%
86	16.493	1288	1291	1297	rVB	146058	281979	4.47%	0.407%

Sum of corrected areas: 69342028

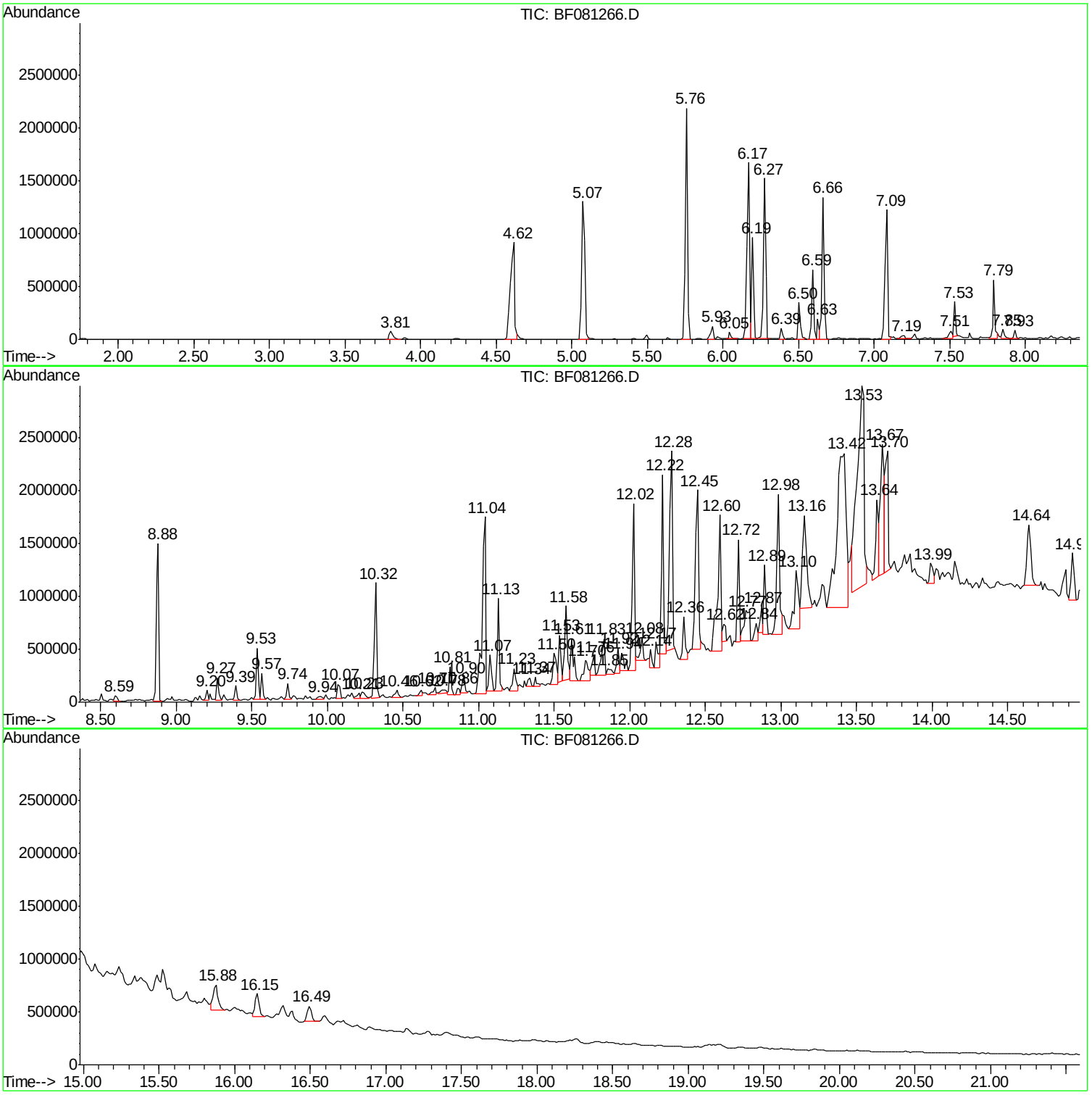
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

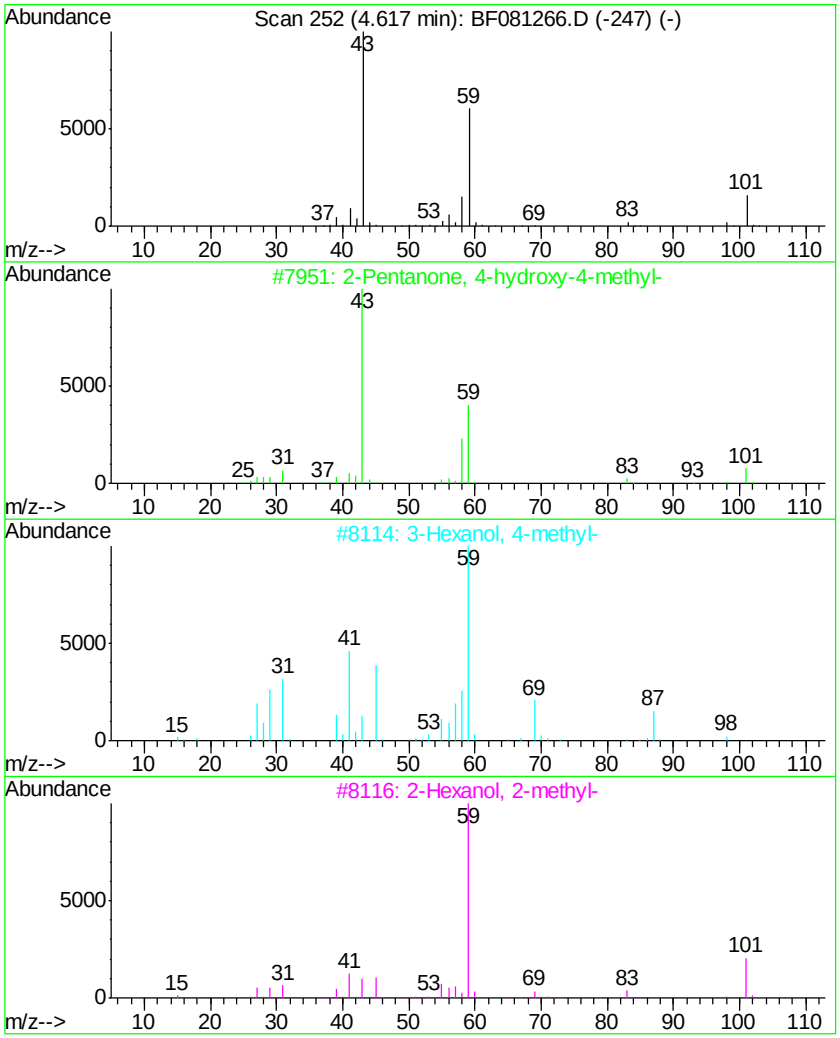
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

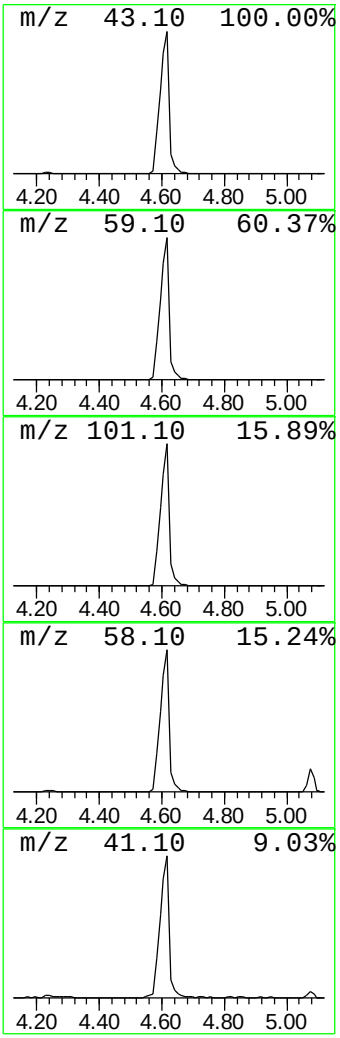
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	106.69 ng	1809200	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
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Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

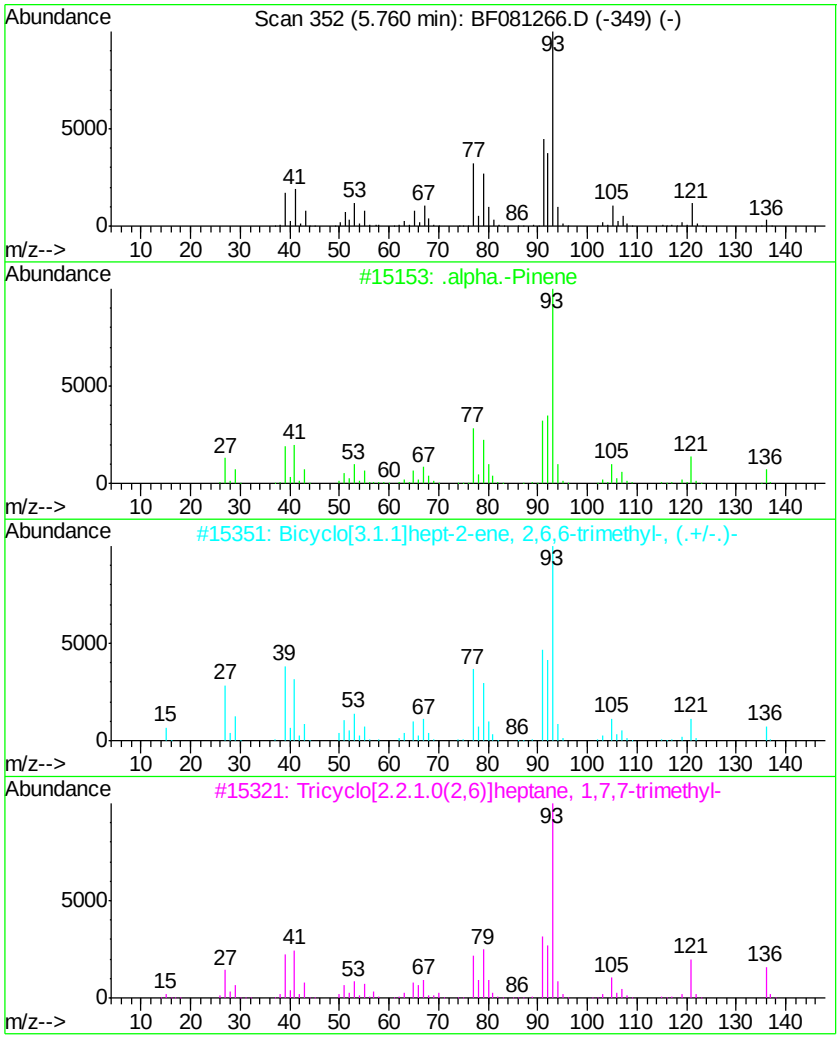
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

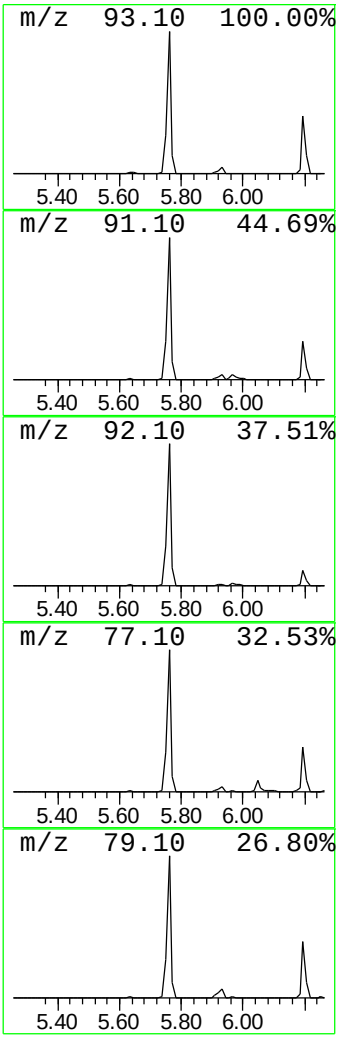
****

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	124.01 ng	2102850	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	3-Carene	136	C10H16	013466-78-9	90





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Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

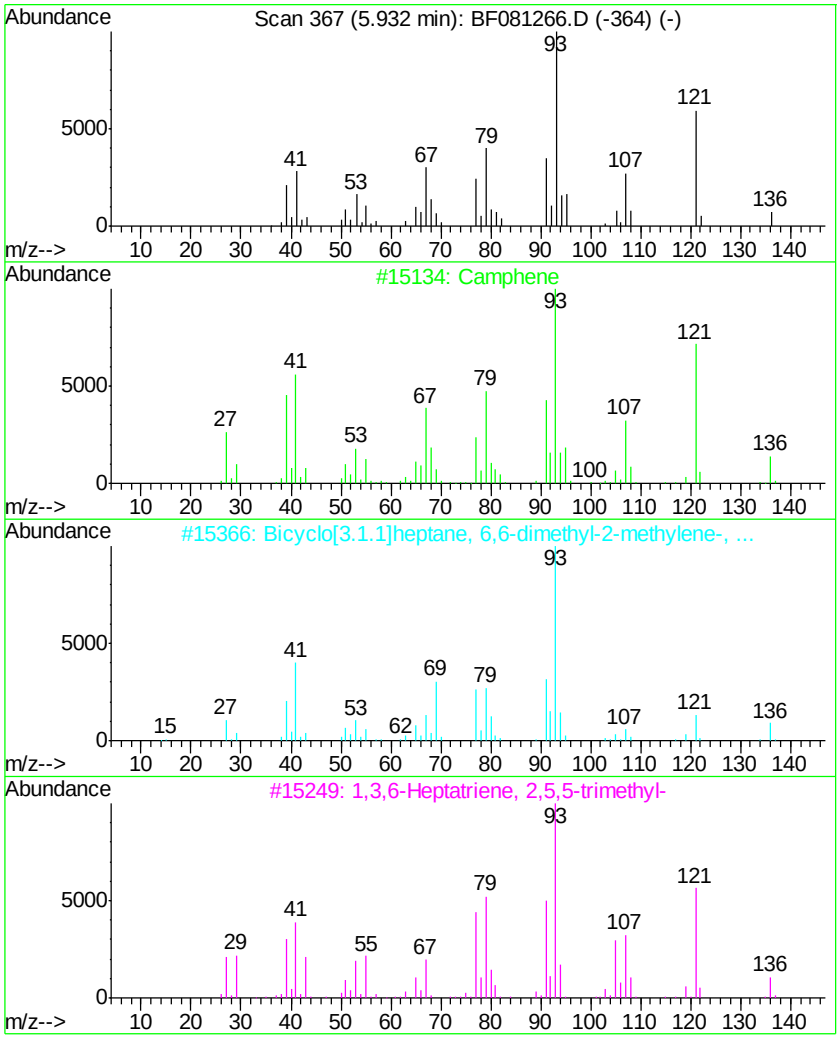
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

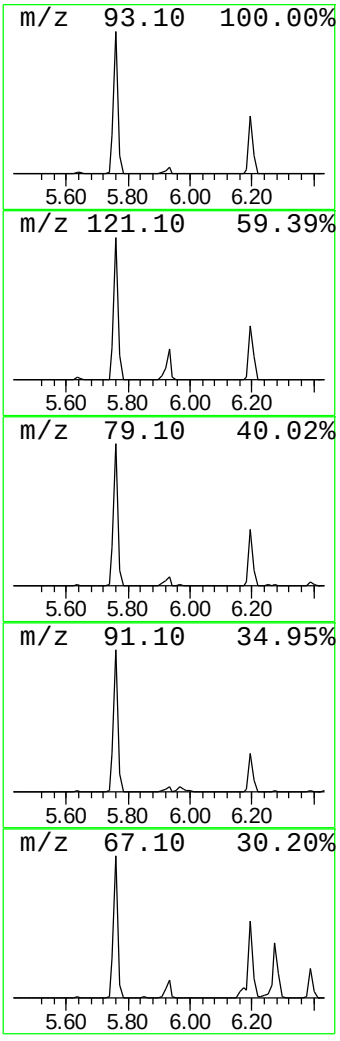
****

Peak Number 3 Camphene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	8.58 ng	145489	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	59
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	58
4	.beta.-Pinene	136	C10H16	000127-91-3	58
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

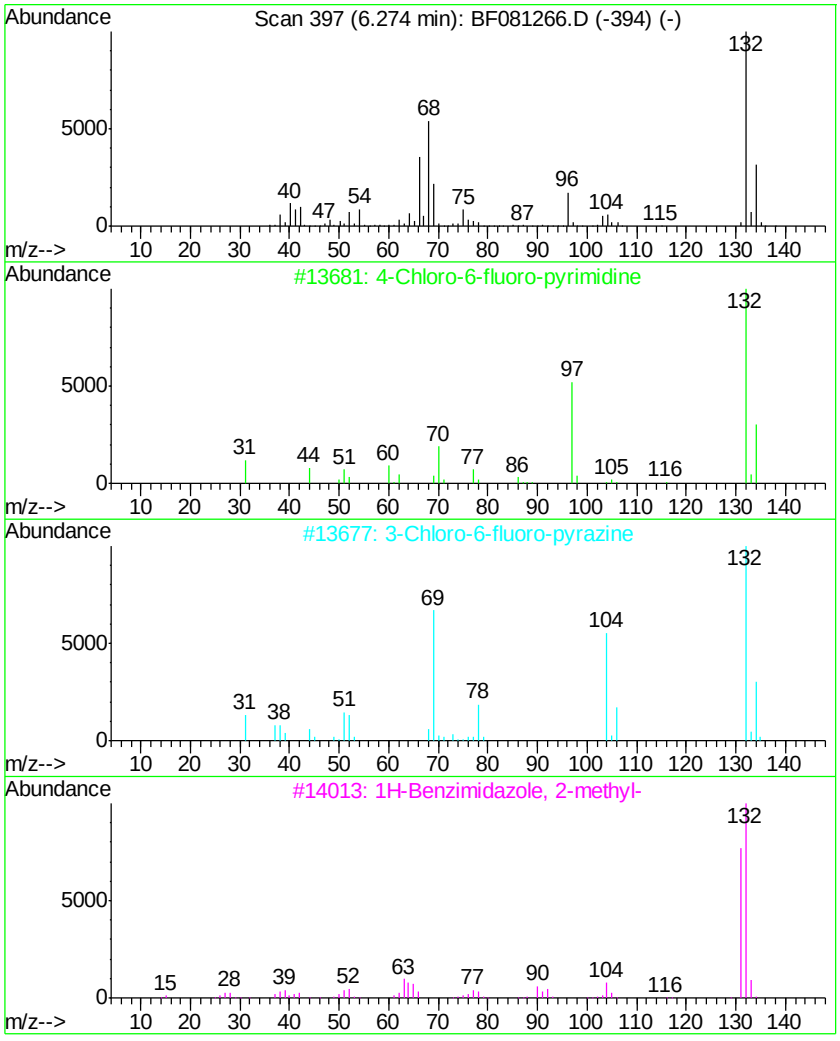
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

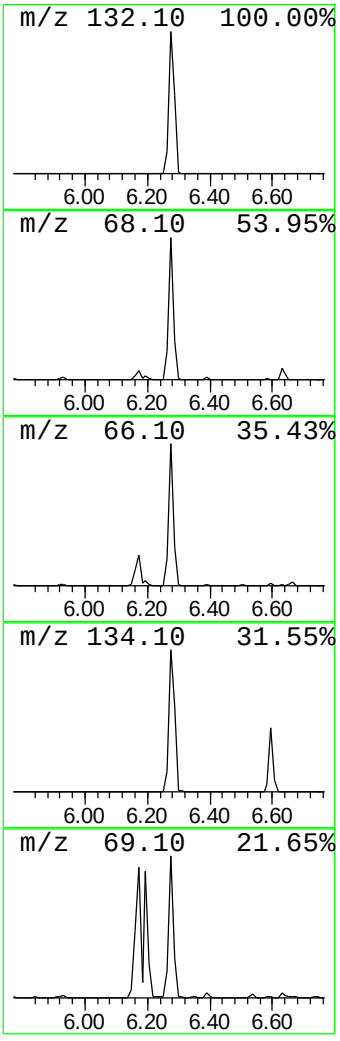
****

Peak Number 4 unknown6.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	97.57 ng	1654590	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Library Search Compound Report

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Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

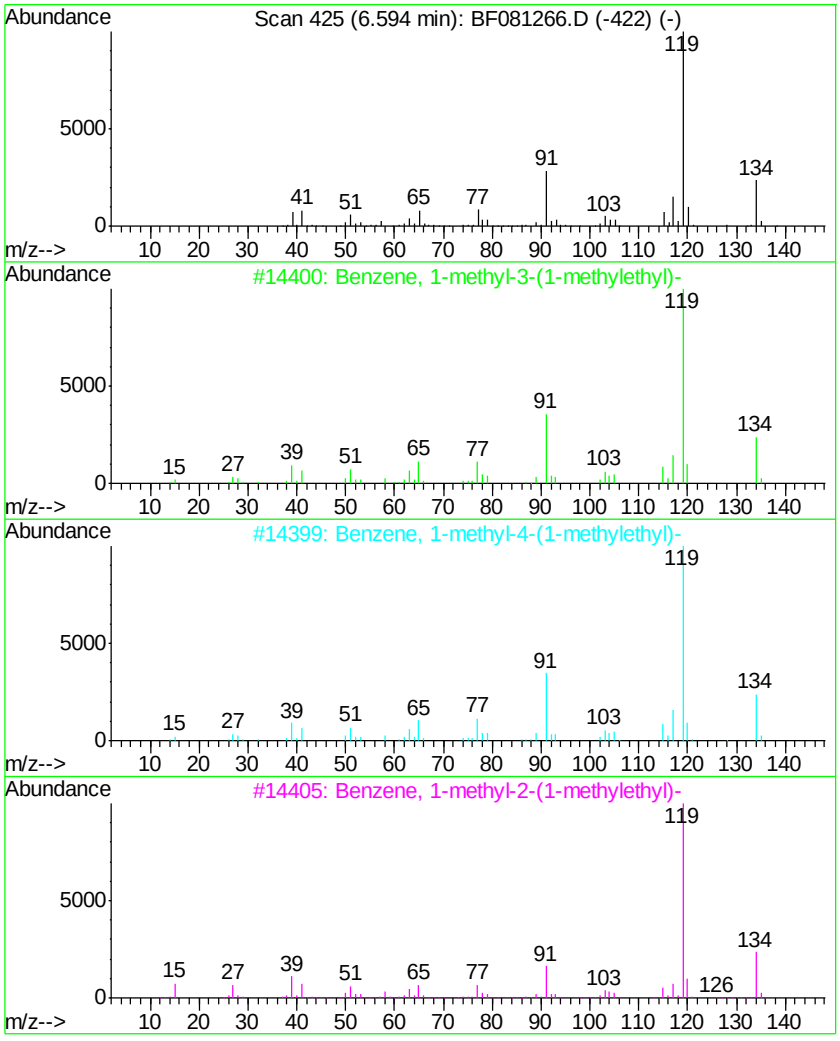
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

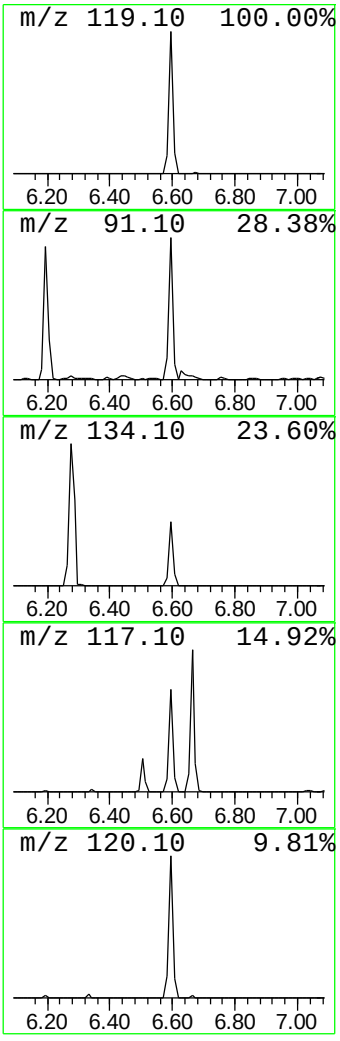
****

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	34.66 ng	587777	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

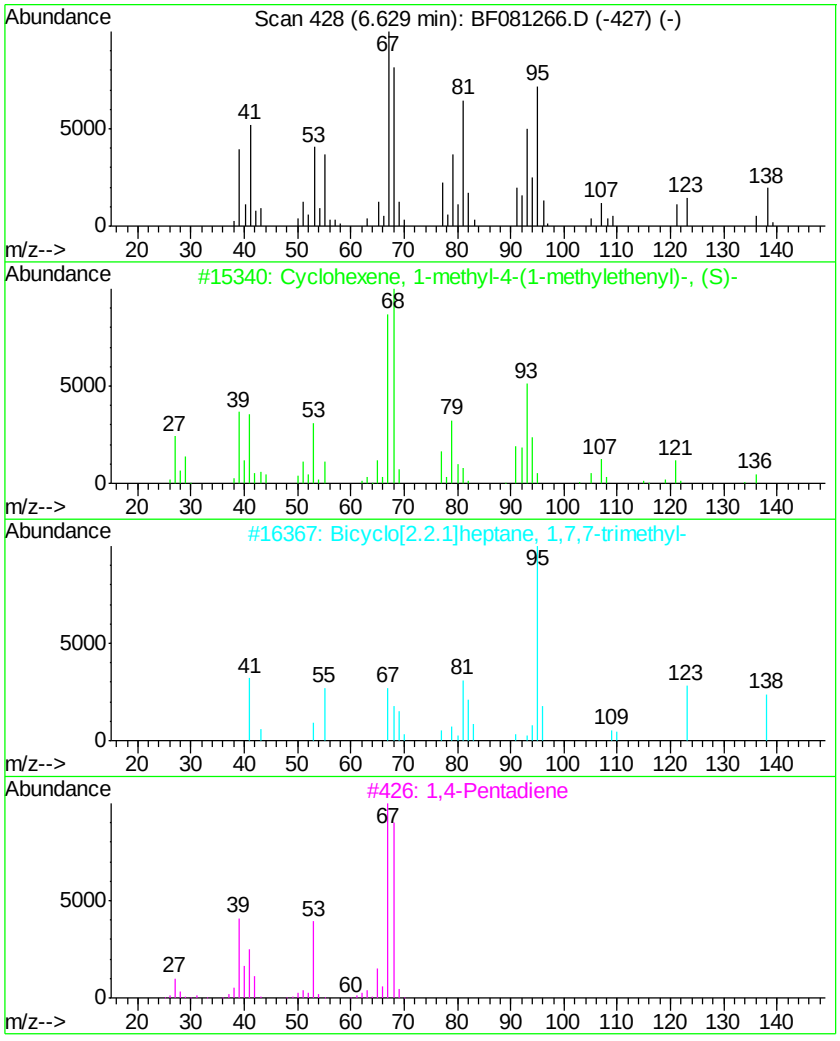
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

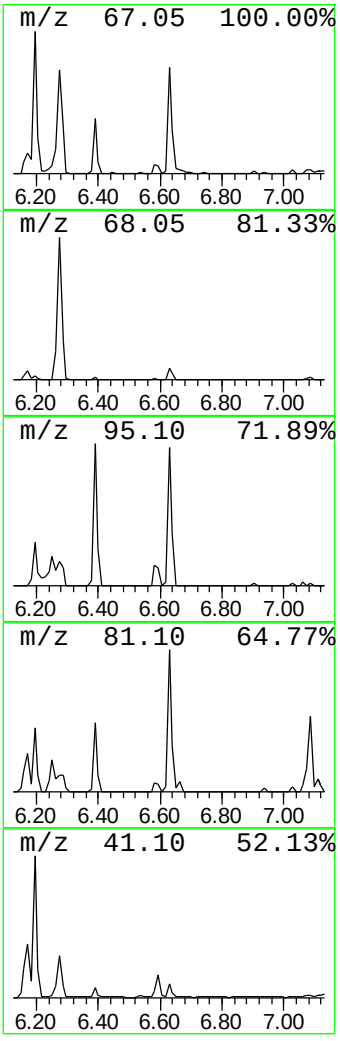
****

Peak Number 6 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	11.10 ng	188293	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	90
2	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	64
3	1,4-Pentadiene	68	C5H8	000591-93-5	52
4	Limonene	136	C10H16	000138-86-3	42
5	2,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-87-9	38





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Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

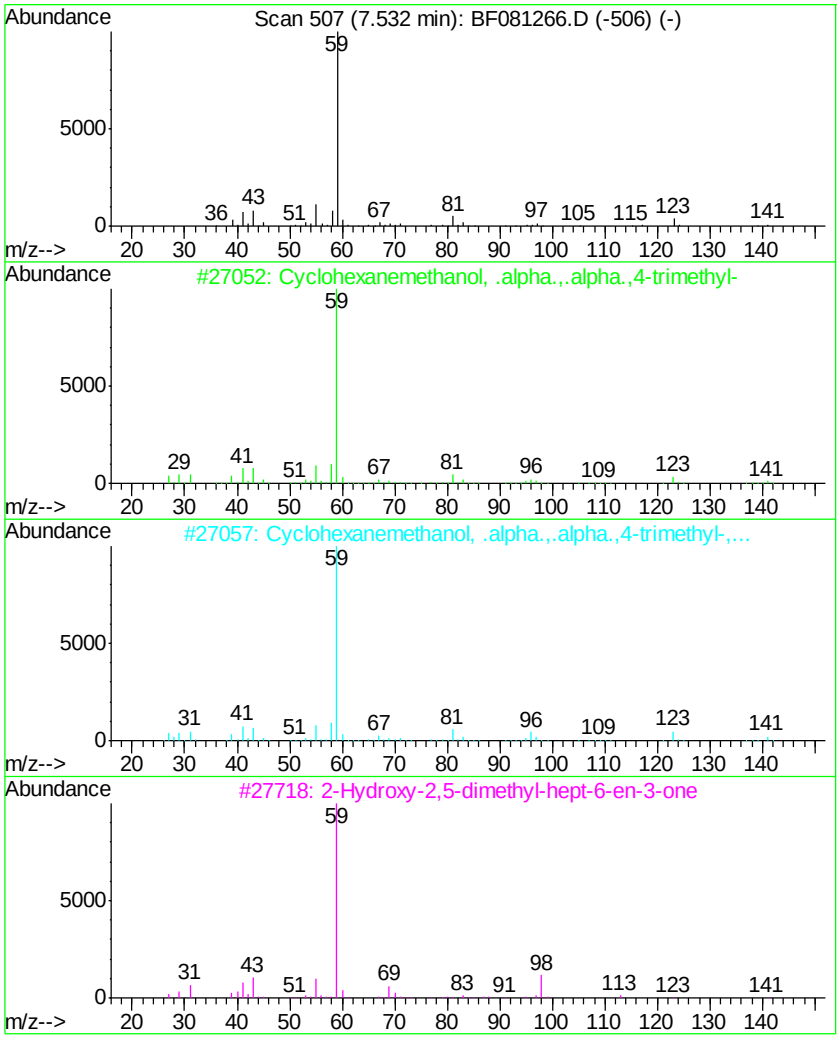
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

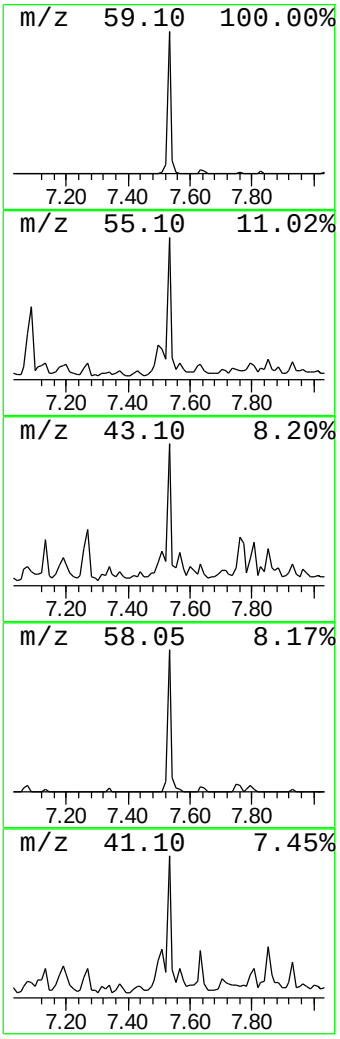
****

Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	9.13 ng	249591	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
3	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	45
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	39
5	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	39





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Sample : G3430-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB2(2-4)

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

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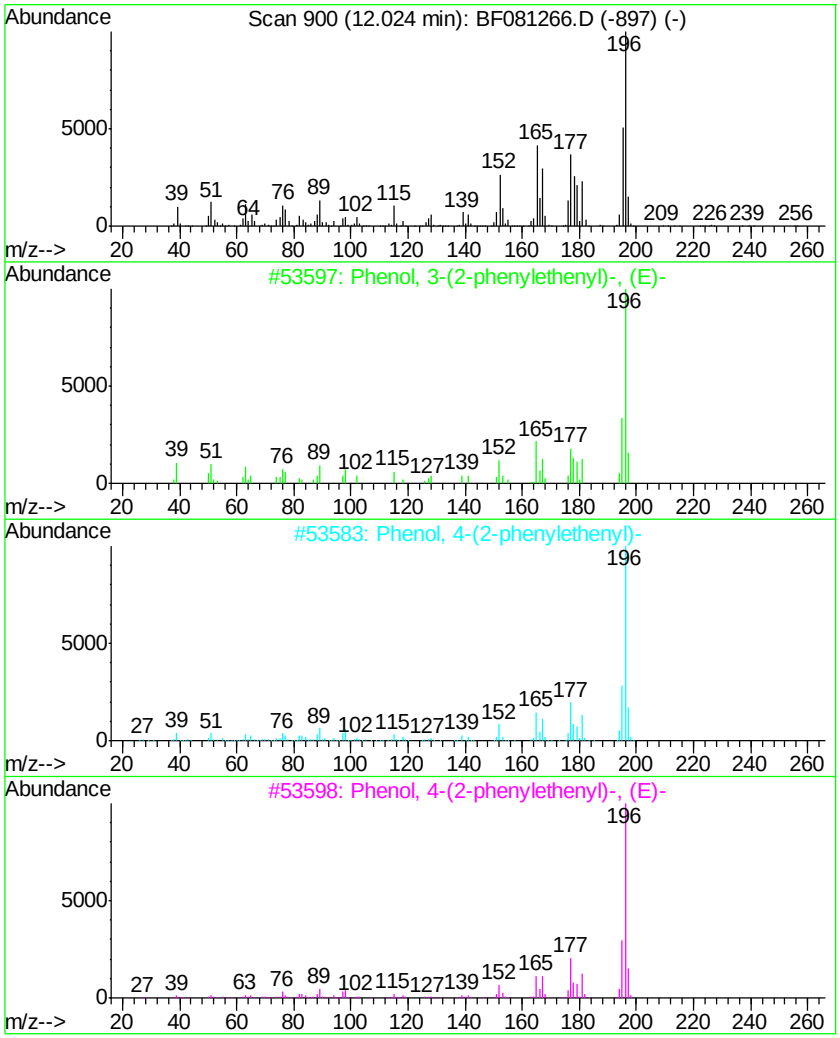
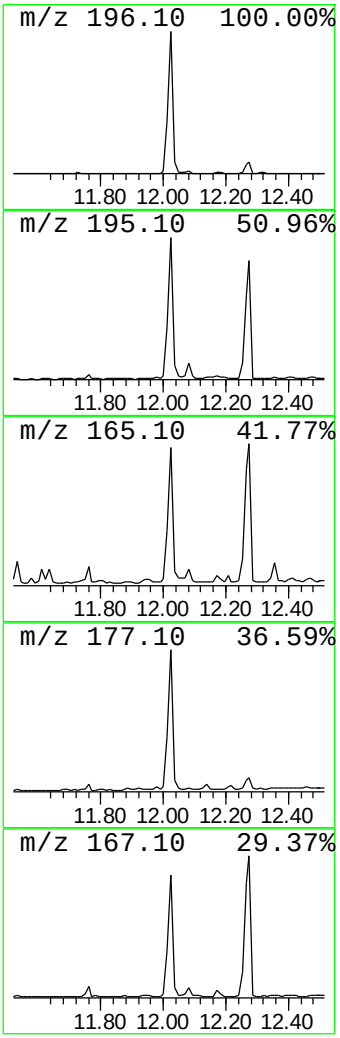
Peak Number 9 Phenol, 3-(2-phenylethenyl)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	12.07 ng	1655720	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	94
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	91
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	76
4	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	52
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	49





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Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

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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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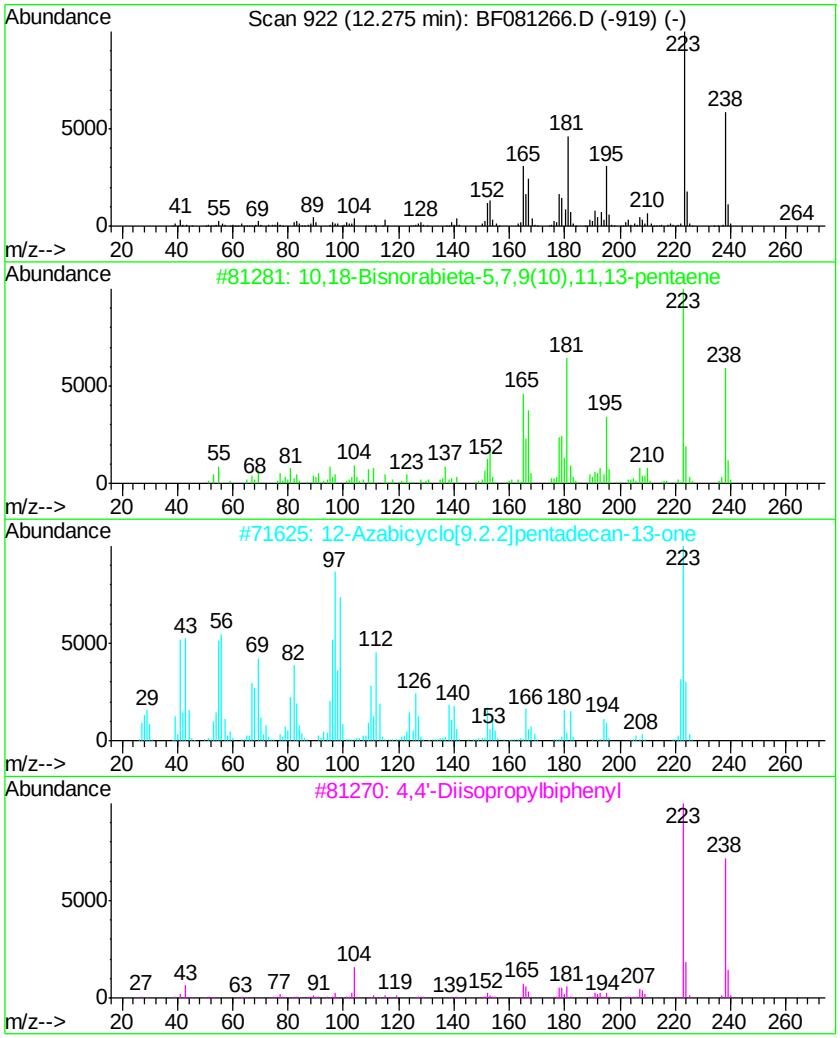
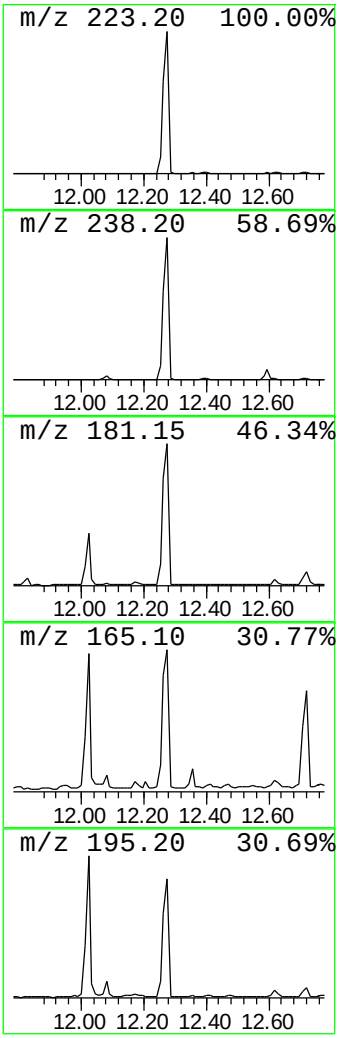
Peak Number 10 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	17.62 ng	2416970	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	53





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Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
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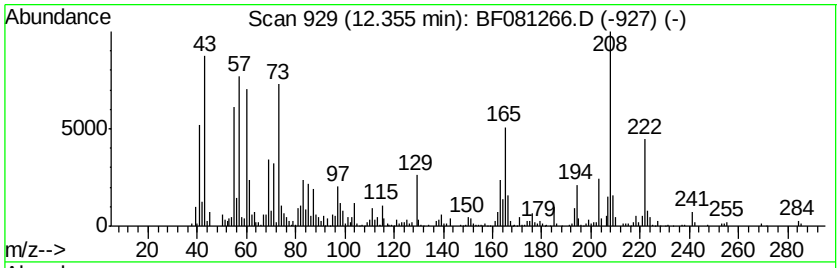
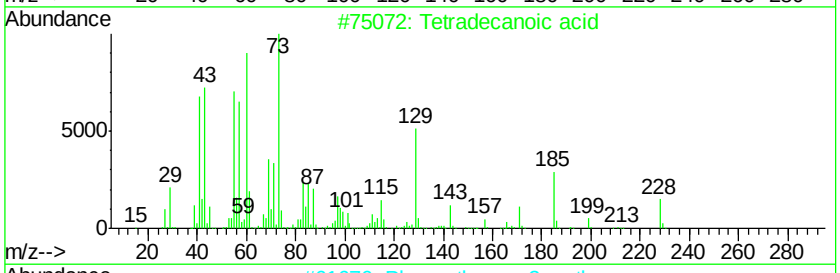
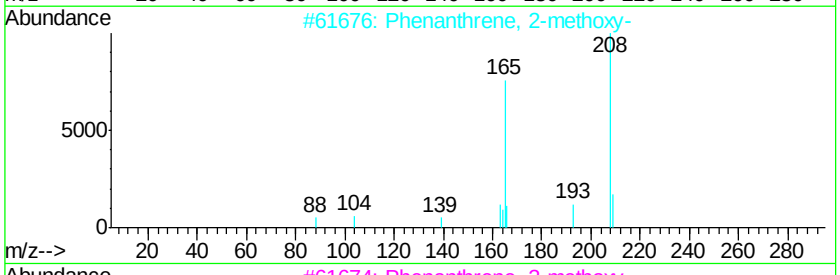
Peak Number 11 unknown12.36 Concentration Rank 20

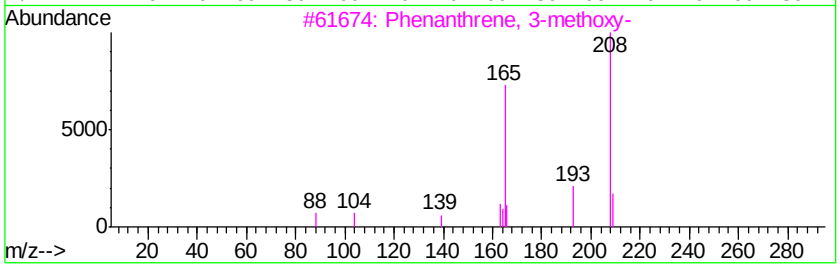
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.51 ng	432815	Chrysene-d12	13.65

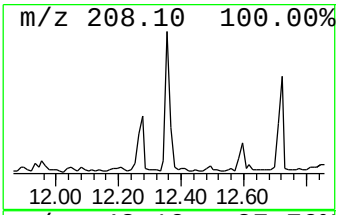
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	44
2	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	38
3	Phenanthrene, 3-methoxy-	208	C15H12O	000835-06-3	38
4	Phenanthrene, 1-methoxy-	208	C15H12O	000834-99-1	38
5	Phenanthrene, 4-methoxy-	208	C15H12O	015638-06-9	35

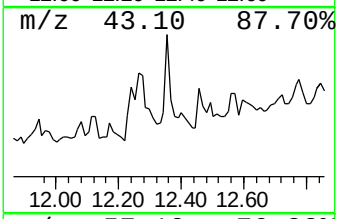


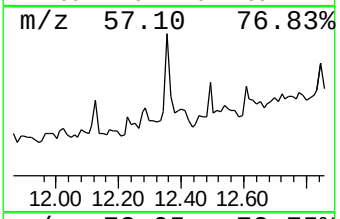


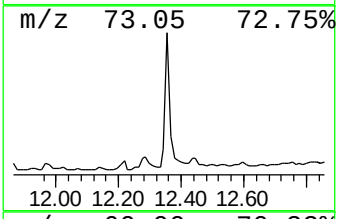


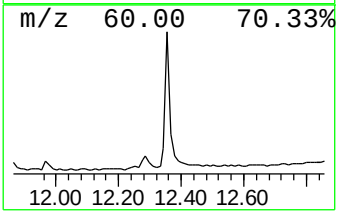












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Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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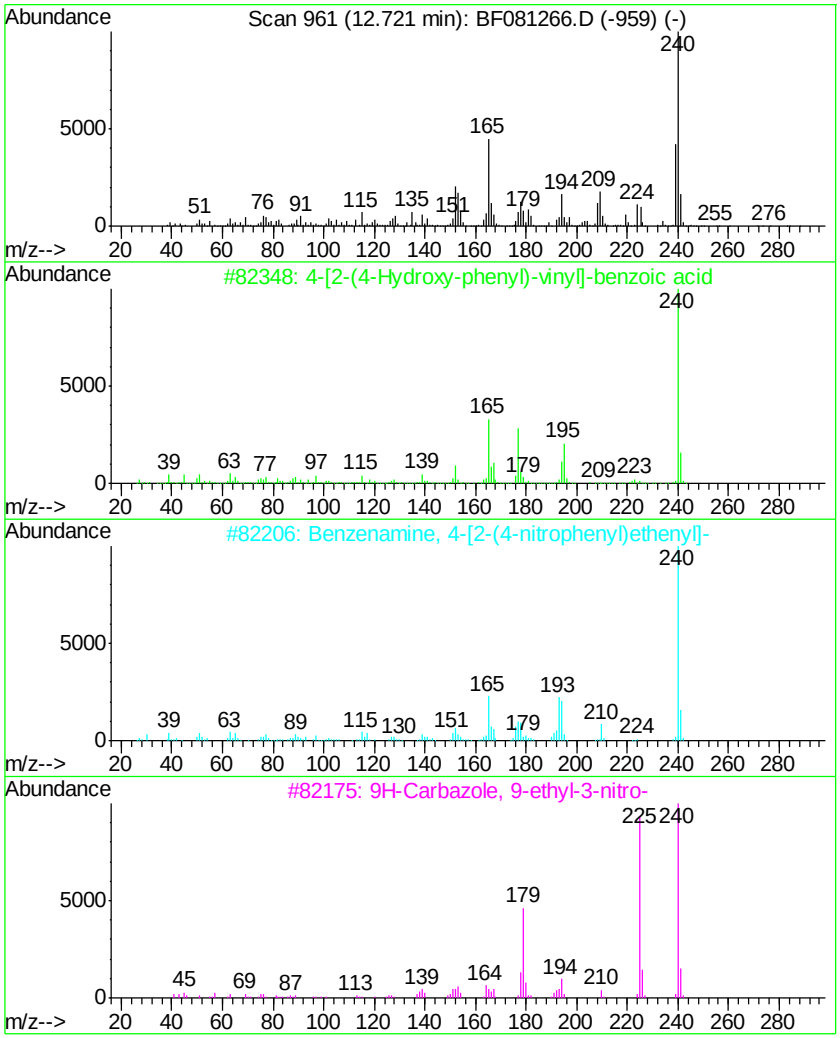
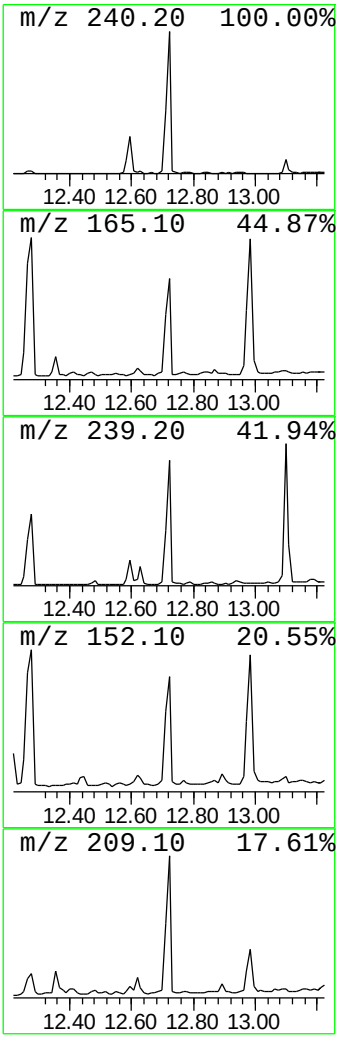
Peak Number 12 4-[2-(4-Hydroxy-phenyl)-vin... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	19.08 ng	1099770	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	52
2	Benzenamine, 4-[2-(4-nitrophenyl...	240	C14H12N2O2	004629-58-7	50
3	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	45
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	43
5	Benzene, 1,1'-(1,2-ethenediyl)bi...	240	C16H16O2	004705-34-4	38





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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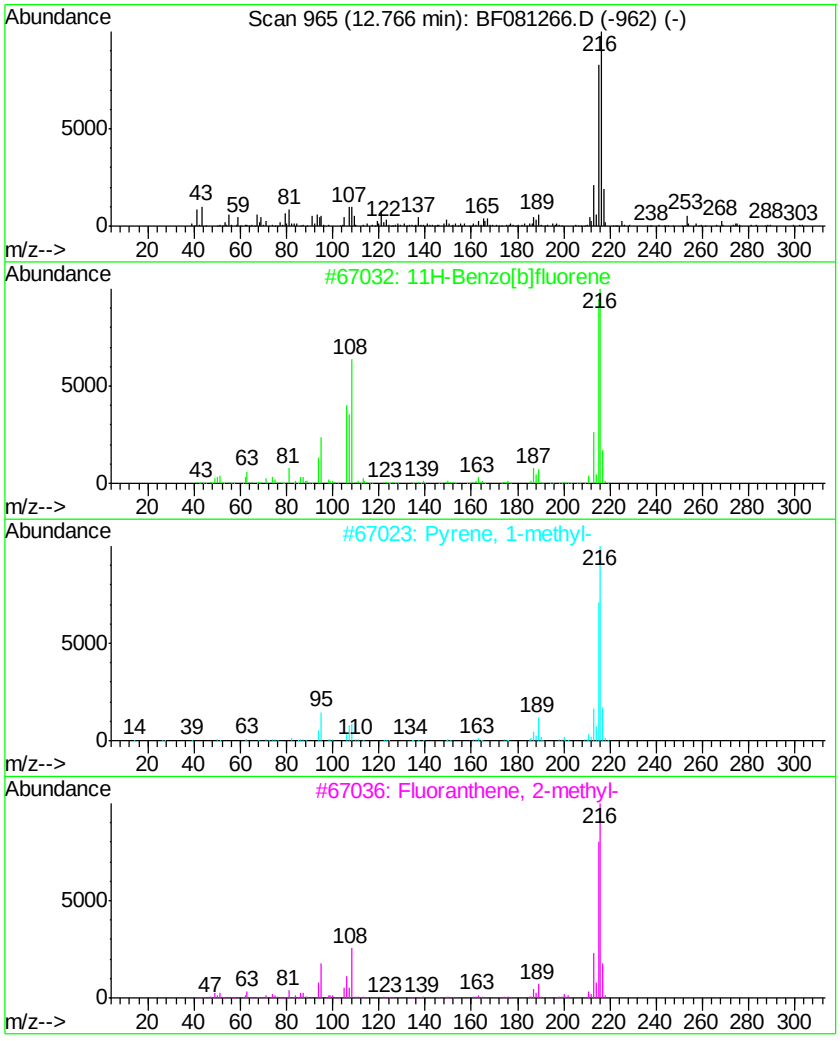
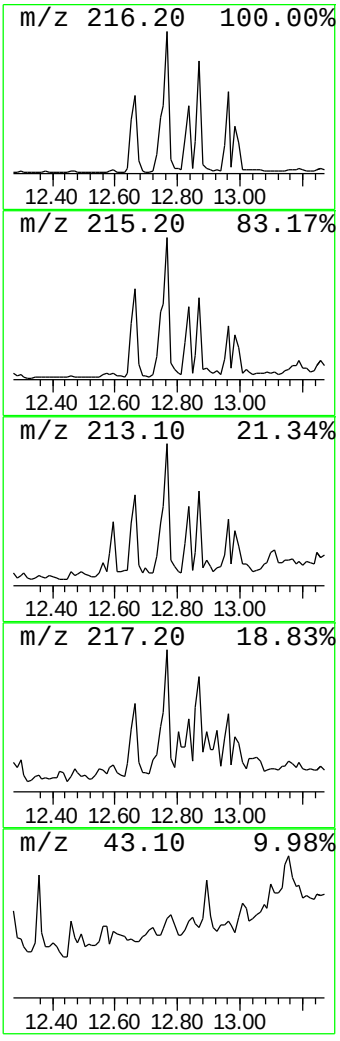
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	12.92 ng	744616	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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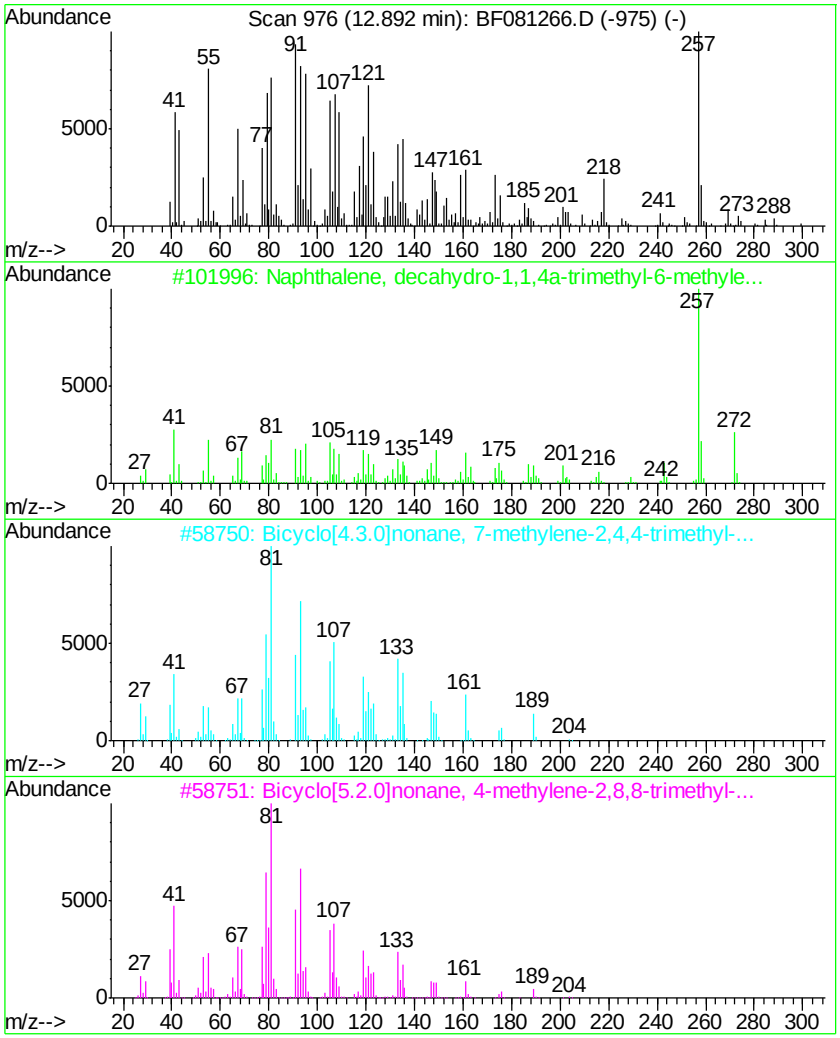
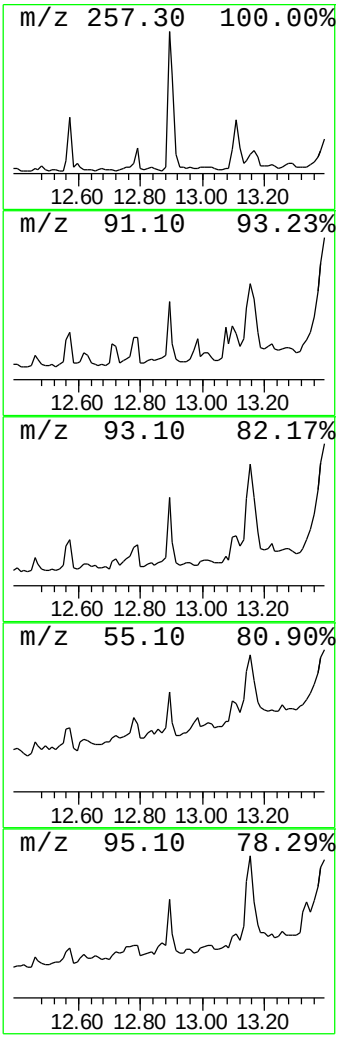
Peak Number 14 Naphthalene, decahydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	10.50 ng	605062	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	000511-02-4	72
2	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	59
3	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	43
4	Cyclohexene, 4-(1,5-dimethyl-1,4...	204	C15H24	017627-44-0	27
5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	25





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Instrument : BNA_F
ClientSampleId : SB2(2-4)

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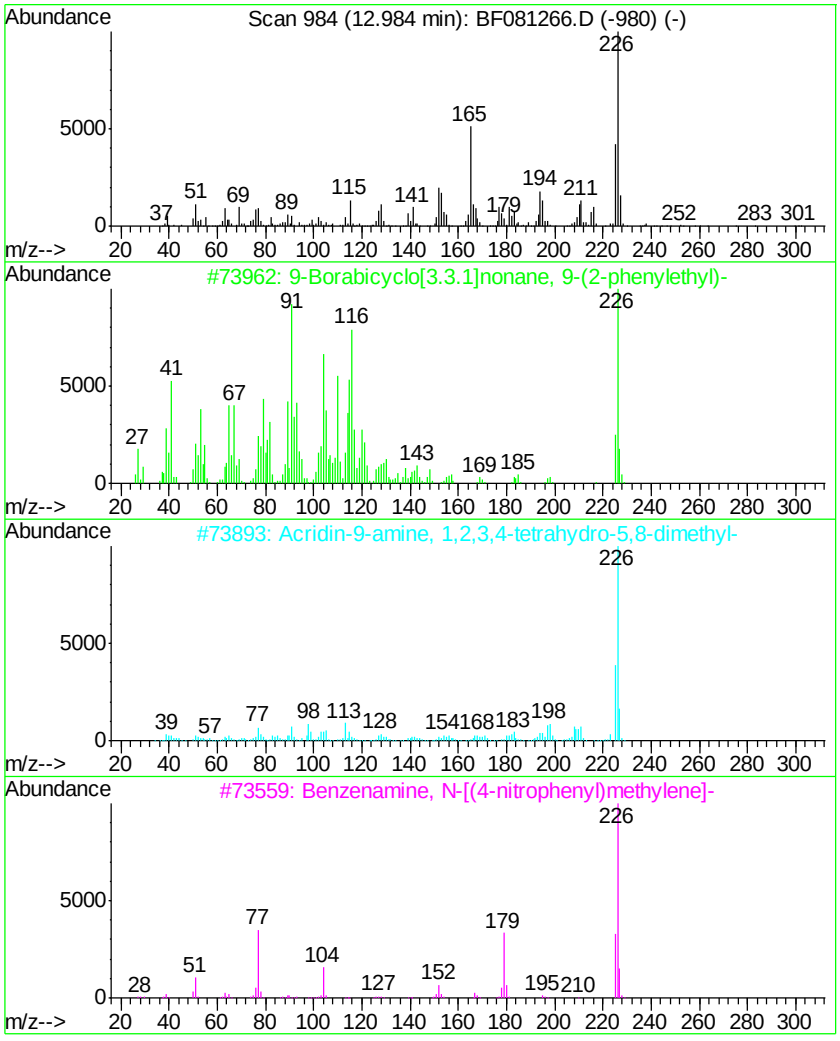
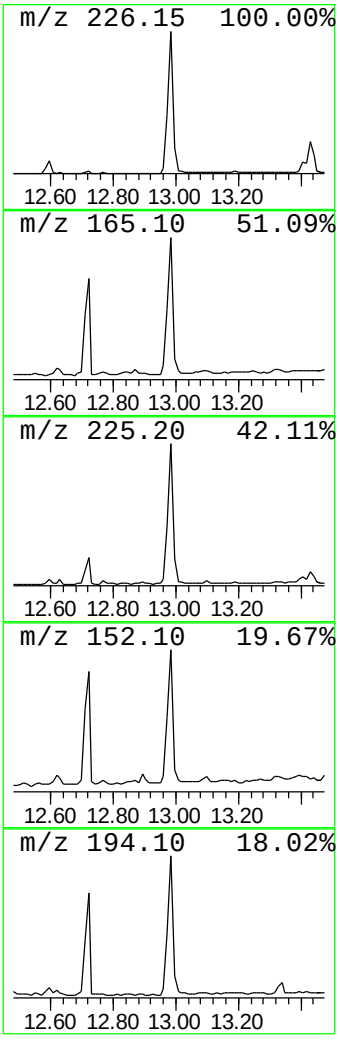
Peak Number 15 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	31.01 ng	1787740	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	74
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	64
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46
4	Imidazole, 5-methyl-4-trifluorom...	226	C11H9F3N2	081769-66-6	46
5	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43





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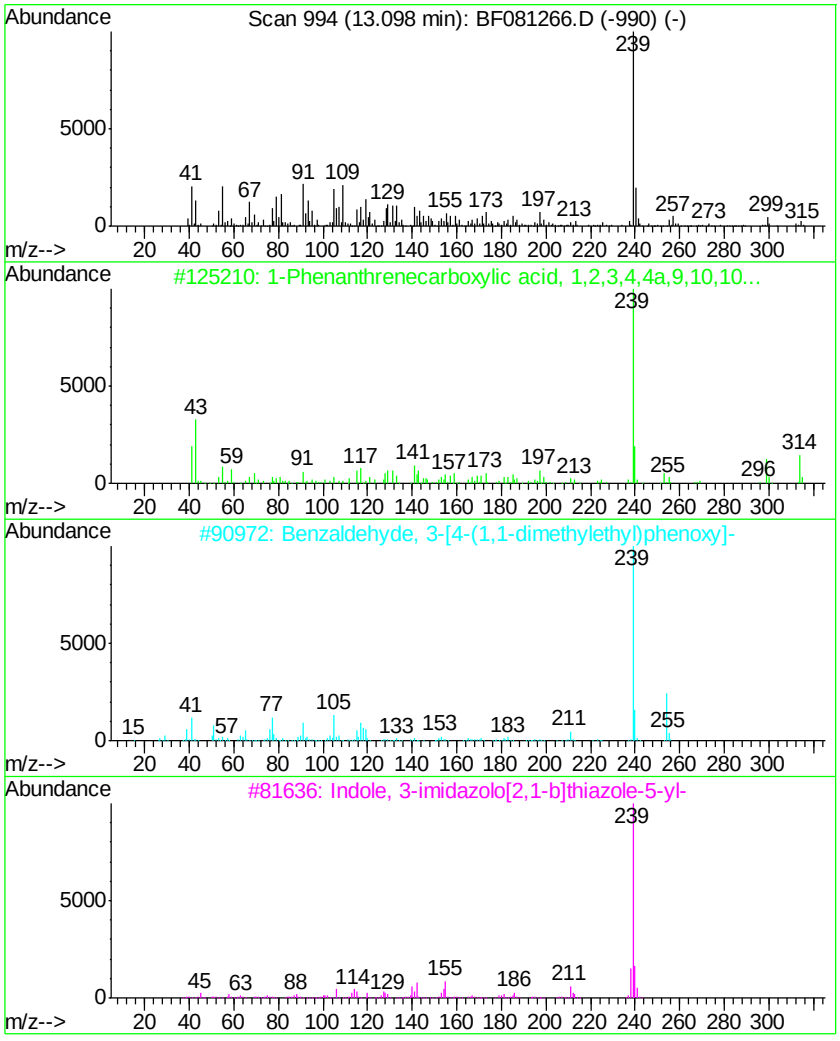
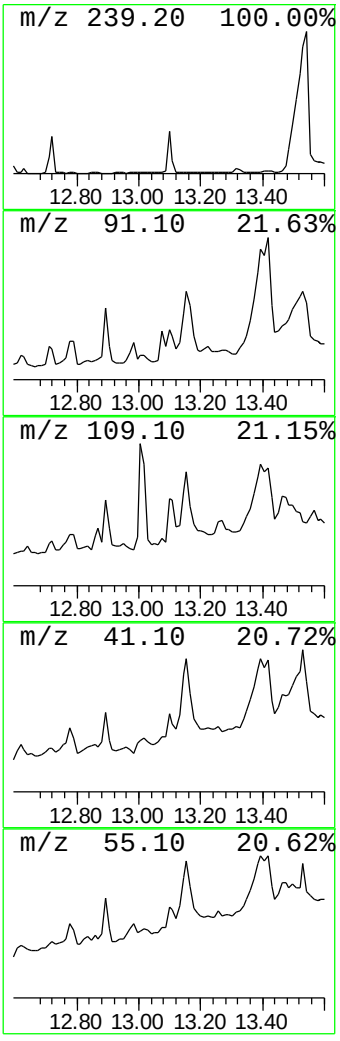
Peak Number 16 1-Phenanthrenecarboxylic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	17.49 ng	1008250	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	87
2	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	38
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38
4	N-Phenyl-N'-(4-N,N-dimethylamino...	239	C15H17N3	1000222-18-6	32
5	N-(Benzo[1,3]dioxol-5-ylmethylen...	239	C15H13NO2	007402-58-6	32





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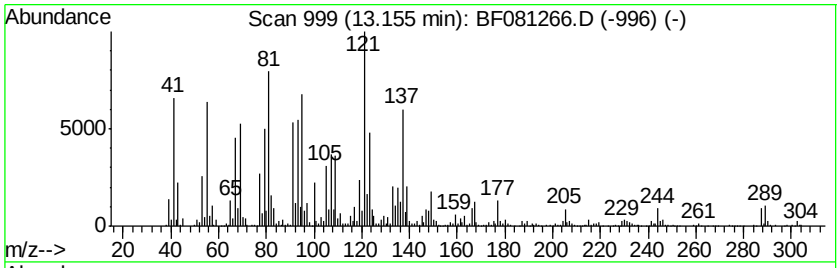
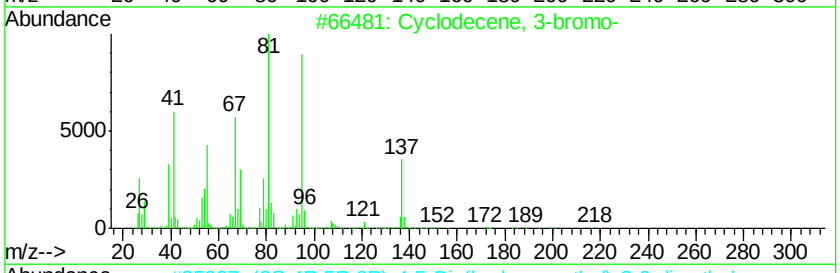
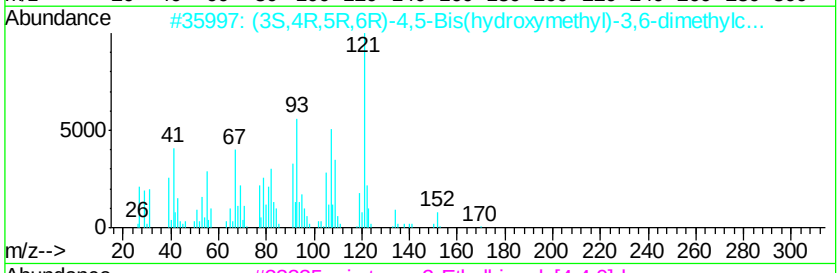
Peak Number 17 Cyclodecene, 3-bromo- Concentration Rank 9

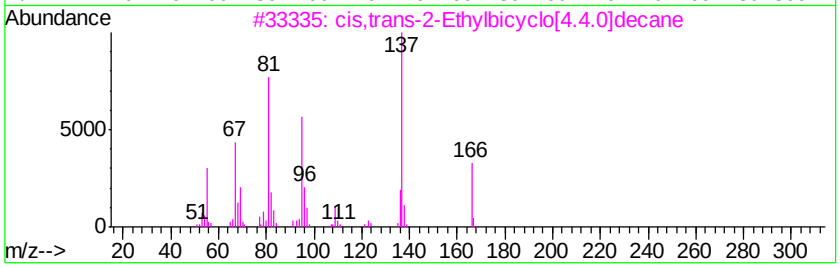
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	29.35 ng	1692100	Chrysene-d12	13.65

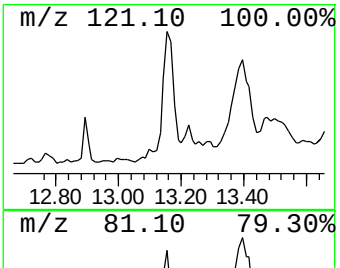
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	60
2	(3S,4R,5R,6R)-4,5-Bis(hydroxymet...	170	C10H18O2	1000099-24-3	53
3	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	46
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	46
5	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	41

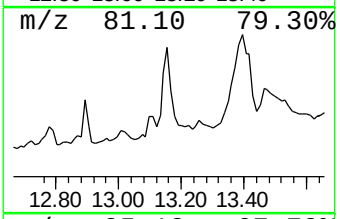


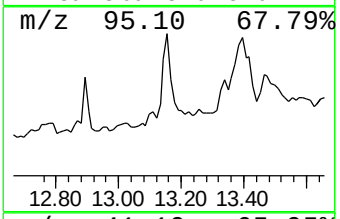


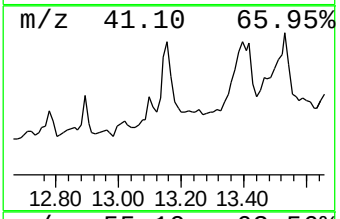


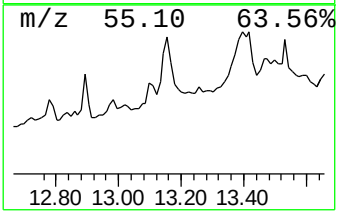












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Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

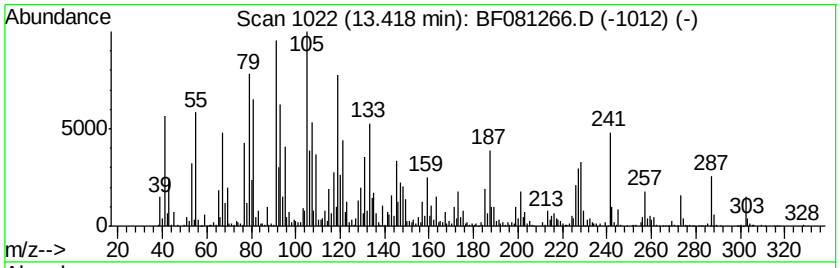
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

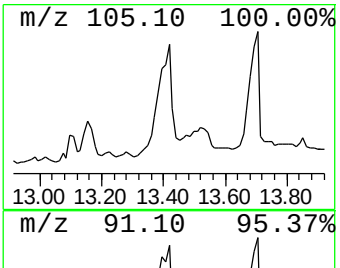
****

Peak Number 18 Kaur-16-en-18-oic acid, (4.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	109.34 ng	6303520	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kaur-16-en-18-oic acid, (4.beta.)-	302	C20H30O2	020316-84-1	70
2	1,3,6,10-Dodecatetraene, 3,7,11-...	204	C15H24	026560-14-5	38
3	5,10-Pentadecadiyn-1-ol	220	C15H24O	064275-50-9	30
4	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	25
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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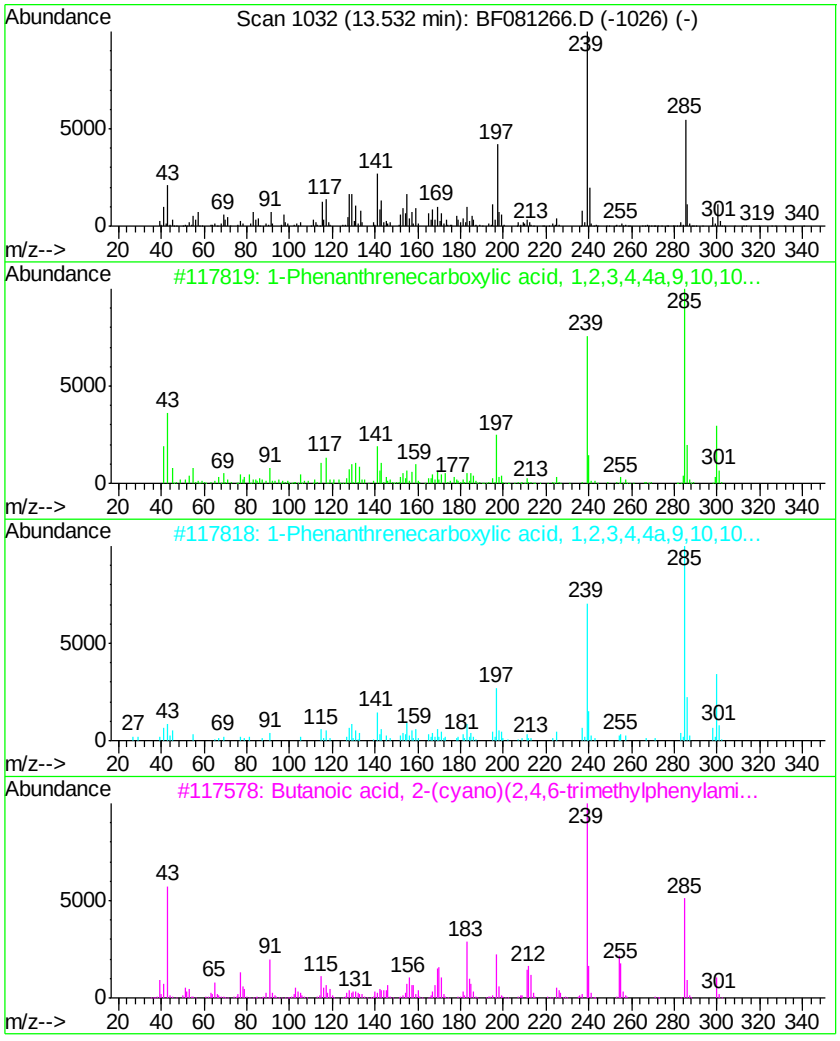
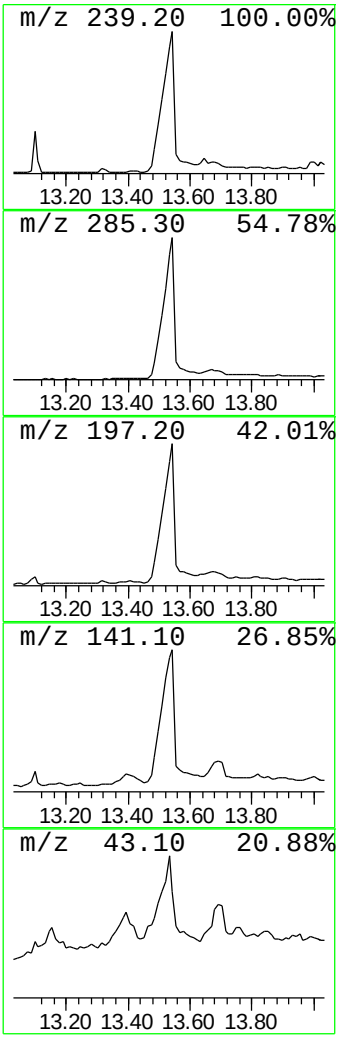
Peak Number 19 Butanoic acid, 2-(cyano)(2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	108.51 ng	6255760	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	90
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	76
4	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	64
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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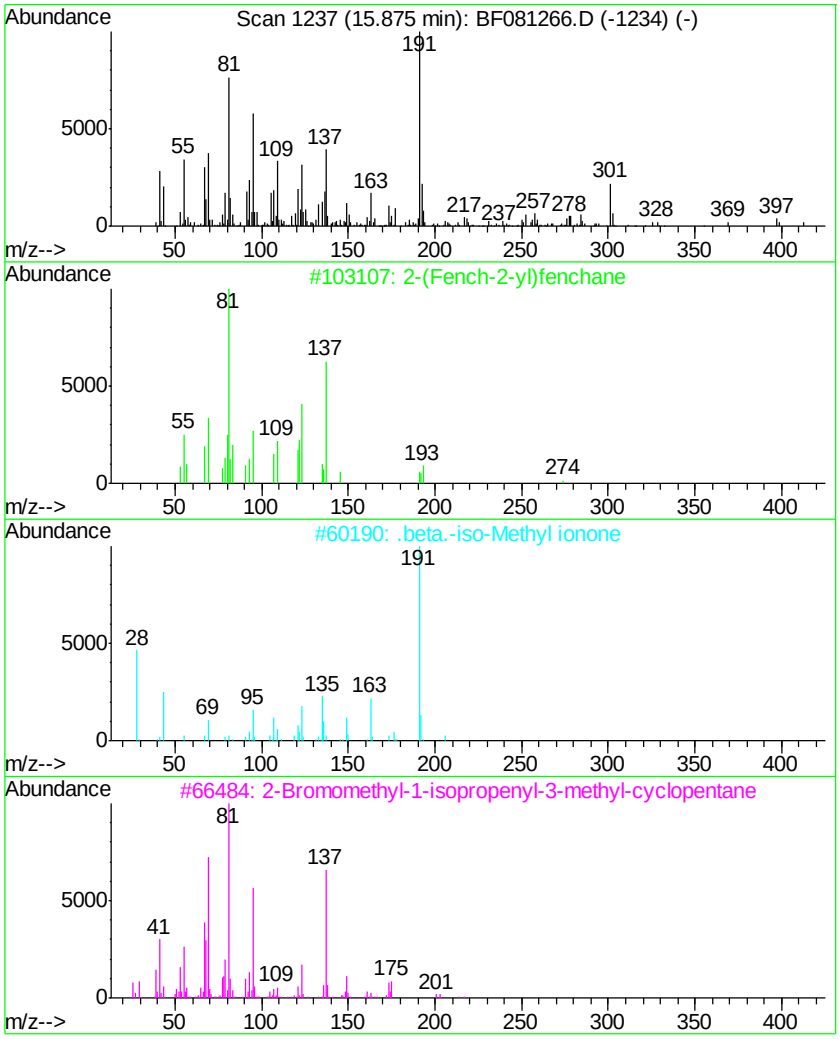
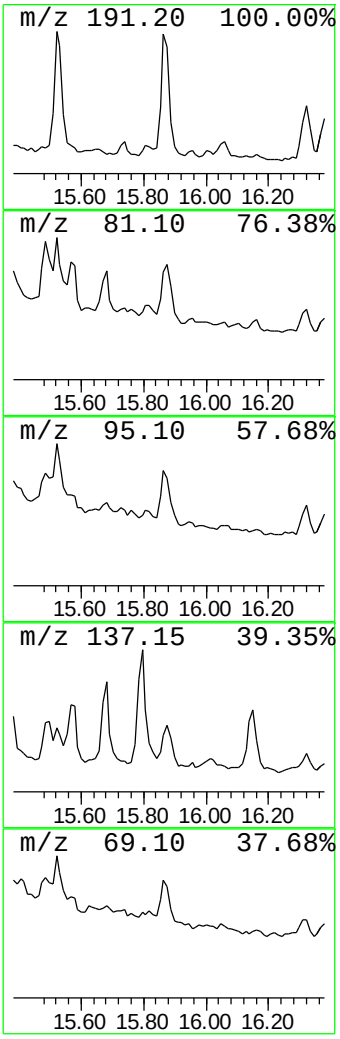
Peak Number 20 unknown15.88 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	19.51 ng	554263	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Fench-2-yl)fenchane	274	C20H34	1000105-83-1	43
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	42
3	2-Bromomethyl-1-isopropenyl-3-me...	216	C10H17Br	1000187-07-8	38
4	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	35
5	Naphthalene, 1-(1,1-dimethylethy...	194	C14H26	056292-64-9	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081266.D
Acq On : 28 Aug 2015 6:45
Operator : UM/IZ
Sample : G3430-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.62	106.7	ng	1809200	1	6.50	339145	20.0
.alpha.-Pinene	5.76	124.0	ng	2102850	1	6.50	339145	20.0
Camphene	5.93	8.6	ng	145489	1	6.50	339145	20.0
unknown6.27	6.27	97.6	ng	1654590	1	6.50	339145	20.0
Benzene, 1-methyl...	6.59	34.7	ng	587777	1	6.50	339145	20.0
Cyclohexene, 1-me...	6.63	11.1	ng	188293	1	6.50	339145	20.0
Cyclohexanemethan...	7.53	9.1	ng	249591	2	7.79	546888	20.0
Phenol, 3-(2-phen...	12.02	12.1	ng	1655720	4	11.01	2742730	20.0
10,18-Bisnorabiet...	12.28	17.6	ng	2416970	4	11.01	2742730	20.0
unknown12.36	12.36	7.5	ng	432815	5	13.65	1153030	20.0
4-[2-(4-Hydroxy-p...	12.72	19.1	ng	1099770	5	13.65	1153030	20.0
11H-Benzo[b]fluorene	12.77	12.9	ng	744616	5	13.65	1153030	20.0
Naphthalene, deca...	12.89	10.5	ng	605062	5	13.65	1153030	20.0
9-Borabicyclo[3.3...	12.98	31.0	ng	1787740	5	13.65	1153030	20.0
1-Phenanthrenecar...	13.10	17.5	ng	1008250	5	13.65	1153030	20.0
Cyclodecene, 3-br...	13.16	29.4	ng	1692100	5	13.65	1153030	20.0
Kaur-16-en-18-oic...	13.42	109.3	ng	6303520	5	13.65	1153030	20.0
Butanoic acid, 2-...	13.53	108.5	ng	6255760	5	13.65	1153030	20.0
unknown15.88	15.88	19.5	ng	554263	6	14.97	568170	20.0