LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.521	211	213	216	rBV	175585	226632	24.05%	1.542%
2	5.921	246	248	251	rBV	739852	678498	72.01%	4.618%
3	6.321	281	283	287	rVB	23474	21588	2.29%	0.147%
4	6.539	301	302	306	rBV2	14048	18450	1.96%	0.126%
5	6.916	333	335	337	rBV	939847	749540	79.55%	5.101%
6	7.076	347	349	352	rVB	690214	719757	76.39%	4.899%
7	7.316	368	370	372	rVB	242847	192127	20.39%	1.308%
8	7.476	381	384	386	rBV	636477	531778	56.44%	3.619%
9	7.693	402	403	407	rBV	10928	17961	1.91%	0.122%
10	7.864	416	418	421	rBV	342597	425217	45.13%	2.894%
11	8.367	459	462	464	rVB	19178	23308	2.47%	0.159%
12	8.607	481	483	487	rBV2	325720	410272	43.54%	2.792%
13	8.916	508	510	511	rBV	15227	18263	1.94%	0.124%
14	8.962	511	514	518	rVB	50745	70308	7.46%	0.479%
15	9.110	525	527	529	rBV	33409	29368	3.12%	0.200%
16	9.327	543	546	548	rBV	70972	80738	8.57%	0.550%
17	9.419	552	554	557	rBV	48812	65035	6.90%	0.443%
18	9.682	575	577	579	rVB	1090941	847656	89.96%	5.769%
19	10.070	609	611	612	rBV	115981	94982	10.08%	0.646%
20	10.242	624	626	628	rBV	18325	22552	2.39%	0.153%
21	10.379	636	638	640	rBV	388014	326122	34.61%	2.220%
22	10.436	642	643	647	rVV	41662	53387	5.67%	0.363%
23	10.505	647	649	651	rVV	115483	106055	11.26%	0.722%
24	10.585	654	656	657	rBV	14191	17100	1.81%	0.116%
25	10.928	681	686	690	rVB2	18375	30577	3.25%	0.208%
26	11.042	693	696	697	rVB2	19303	31929	3.39%	0.217%
27	11.088	697	700	701	rBV	17570	16958	1.80%	0.115%
28	11.168	705	707	710	rVB	626004	580406	61.60%	3.950%
29	11.373	722	725	726	rBV	86136	87496	9.29%	0.596%
30	11.396	726	727	733	rVB2	51506	122493	13.00%	0.834%
31	11.488	733	735	738	rVB	29334	35262	3.74%	0.240%
32	11.568	738	742	744	rBV3	9233	16391	1.74%	0.112%
33	11.602	744	745	747	rBV2	12756	20378	2.16%	0.139%
34	11.636	747	748	750	rVB	22734	23281	2.47%	0.158%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.682	750	752	754	rBV	20749	28265	3.00%	0.192%
36	11.716	754	755	756	rBV	20363	20840	2.21%	0.142%
37	11.751	756	758	759	rVB	46302	37094	3.94%	0.252%
38	11.785	759	761	762	rBV2	13515	21154	2.25%	0.144%
39	11.819	762	764	767	rVB3	18928	40472	4.30%	0.275%
40	11.876	767	769	774	rBV2	273742	538188	57.12%	3.663%
41	11.956	774	776	777	rBV	70389	68609	7.28%	0.467%
42	11.979	777	778	781	rVB2	80580	78250	8.30%	0.533%
43	12.048	781	784	786	rBV2	32544	43706	4.64%	0.297%
44	12.082	786	787	790	rBV3	35384	62688	6.65%	0.427%
45	12.128	790	791	792	rBV	49138	44929	4.77%	0.306%
46	12.162	792	794	796	rVB	61236	80178	8.51%	0.546%
47	12.196	796	797	800	rBV2	69973	71684	7.61%	0.488%
48	12.253	800	802	803	rVB2	16720	20392	2.16%	0.139%
49	12.288	803	805	809	rVB5	12930	40252	4.27%	0.274%
50	12.345	809	810	811	rBV	26869	22429	2.38%	0.153%
51	12.391	813	814	816	rBV	38293	44721	4.75%	0.304%
52	12.425	816	817	818	rVB	53043	36387	3.86%	0.248%
53	12.459	818	820	821	rBV	68594	77227	8.20%	0.526%
54	12.505	821	824	826	rVV3	51412	107519	11.41%	0.732%
55	12.539	826	827	831	rVB2	26744	47468	5.04%	0.323%
56	12.596	831	832	833	rBV	40461	31641	3.36%	0.215%
57	12.631	833	835	839	rVB4	65451	97388	10.34%	0.663%
58	12.699	839	841	842	rBV	55566	63859	6.78%	0.435%
59	12.836	849	853	854	rBV3	19689	44073	4.68%	0.300%
60	12.893	857	858	861	rVB2	15387	18725	1.99%	0.127%
61	12.973	861	865	872	rBV6	71904	251267	26.67%	1.710%
62	13.065	872	873	874	rVV	22462	16206	1.72%	0.110%
63	13.099	874	876	879	rVV4	39048	70534	7.49%	0.480%
64	13.156	879	881	883	rVV	196803	261622	27.77%	1.781%
65	13.202	883	885	888	rVV2	79915	119628	12.70%	0.814%
66	13.351	893	898	899	rBV4	36988	81486	8.65%	0.555%
67	13.408	899	903	910	rVB2	324007	506555	53.76%	3.448%
68	13.545	913	915	917	rBV	884736	942263	100.00%	6.413%
69	13.579	917	918	921	rVB2	28824	35559	3.77%	0.242%
70	13.636	921	923	926	rBV2	30869	67146	7.13%	0.457%
71	13.739	927	932	933	rVV2	97637	155050	16.46%	1.055%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

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-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.762	933	934	937	rVV	46640	68104	7.23%	0.464%
73	13.842	939	941	943	rBV	55000	62225	6.60%	0.424%
74	13.888	943	945	949	rVV2	86140	172805	18.34%	1.176%
75	13.956	949	951	953	rVV2	24621	34851	3.70%	0.237%
76	14.002	953	955	956	rVV	28445	24225	2.57%	0.165%
77	14.036	956	958	959	rVB	20086	23135	2.46%	0.157%
78	14.162	967	969	970	rBV2	15298	21462	2.28%	0.146%
79	14.196	970	972	978	rVB	195853	236056	25.05%	1.607%
80	14.299	978	981	983	rBV2	24383	52827	5.61%	0.360%
81	14.356	984	986	989	rBV2	22125	33085	3.51%	0.225%
82	14.448	992	994	995	rBV2	20287	24261	2.57%	0.165%
83	14.494	995	998	999	rBV2	29598	51829	5.50%	0.353%
84	14.528	999	1001	1002	rVB	47290	47313	5.02%	0.322%
85	14.585	1002	1006	1008	rBV4	106558	214405	22.75%	1.459%
86	14.711	1014	1017	1019	rBV2	49154	79255	8.41%	0.539%
87	14.802	1019	1025	1027	rBV2	449676	734290	77.93%	4.998%
88	14.837	1027	1028	1030	rVB	108495	82433	8.75%	0.561%
89	15.214	1059	1061	1062	rBV	25424	36339	3.86%	0.247%
90	15.294	1065	1068	1070	rBV	48754	74605	7.92%	0.508%
91	15.408	1075	1078	1080	rBV3	32734	72601	7.70%	0.494%
92	15.762	1107	1109	1114	rVB	129026	164821	17.49%	1.122%
93	15.899	1119	1121	1123	rVV2	42239	47599	5.05%	0.324%
94	16.128	1138	1141	1148	rBV2	104429	316217	33.56%	2.152%
95	16.322	1156	1158	1162	rBV2	32712	52442	5.57%	0.357%
96	16.505	1171	1174	1177	rVB	55151	98056	10.41%	0.667%
97	16.574	1178	1180	1185	rVB	108534	174916	18.56%	1.190%
98	16.654	1185	1187	1190	rBV	248898	391935	41.60%	2.668%
99	18.494	1345	1348	1355	rVB2	63650	188301	19.98%	1.282%
100	19.054	1394	1397	1402	rVB	40986	105016	11.15%	0.715%

Sum of corrected areas: 14692728

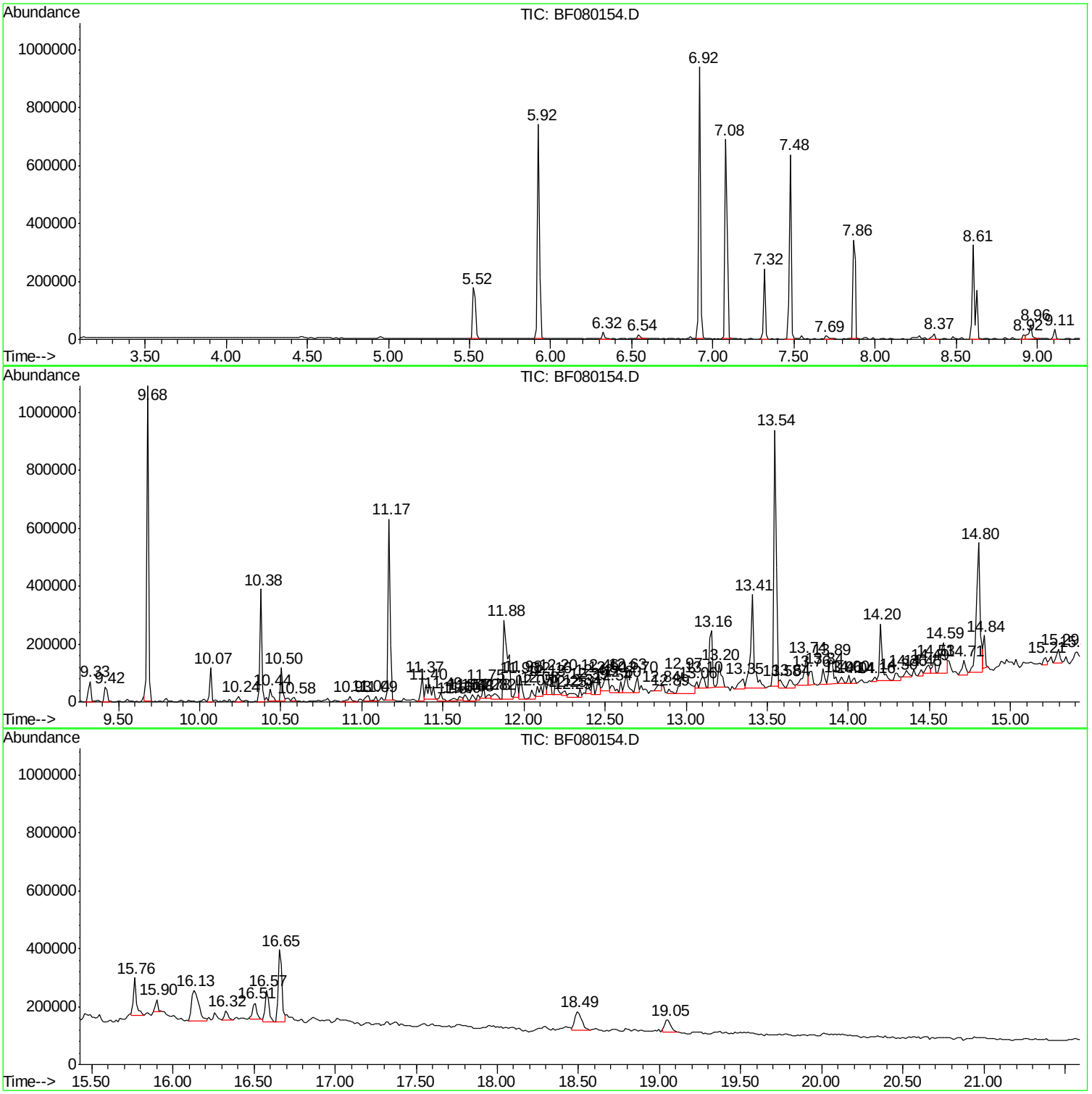
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

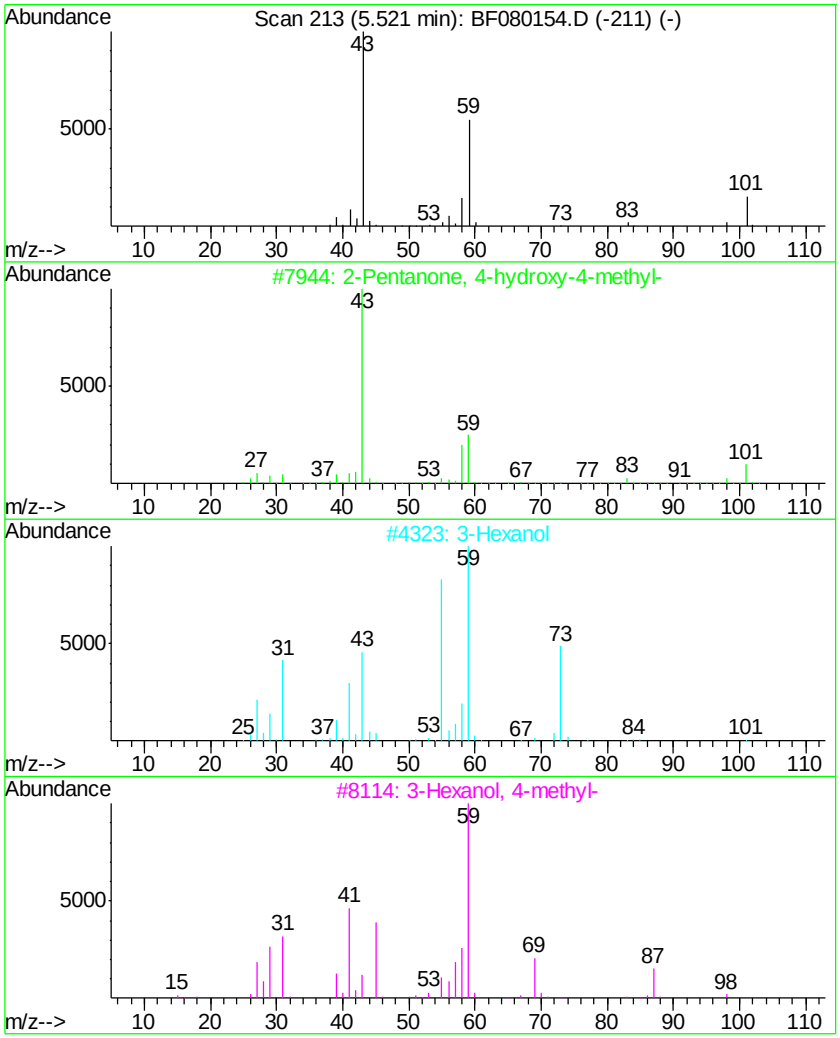
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

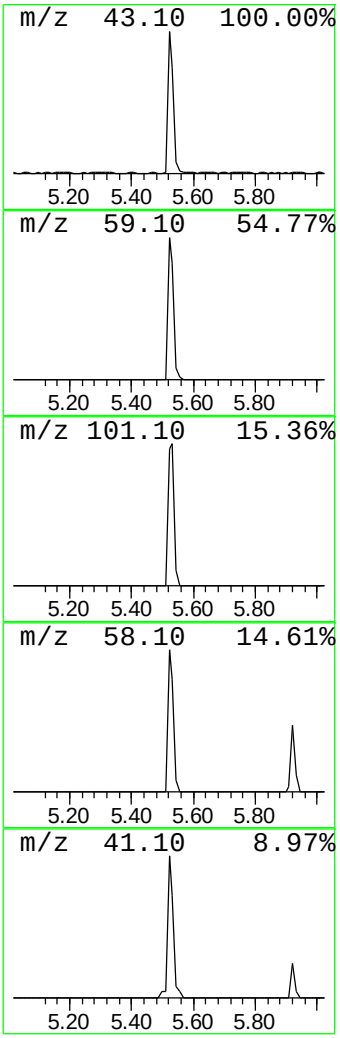
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	23.59 ng	226632	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

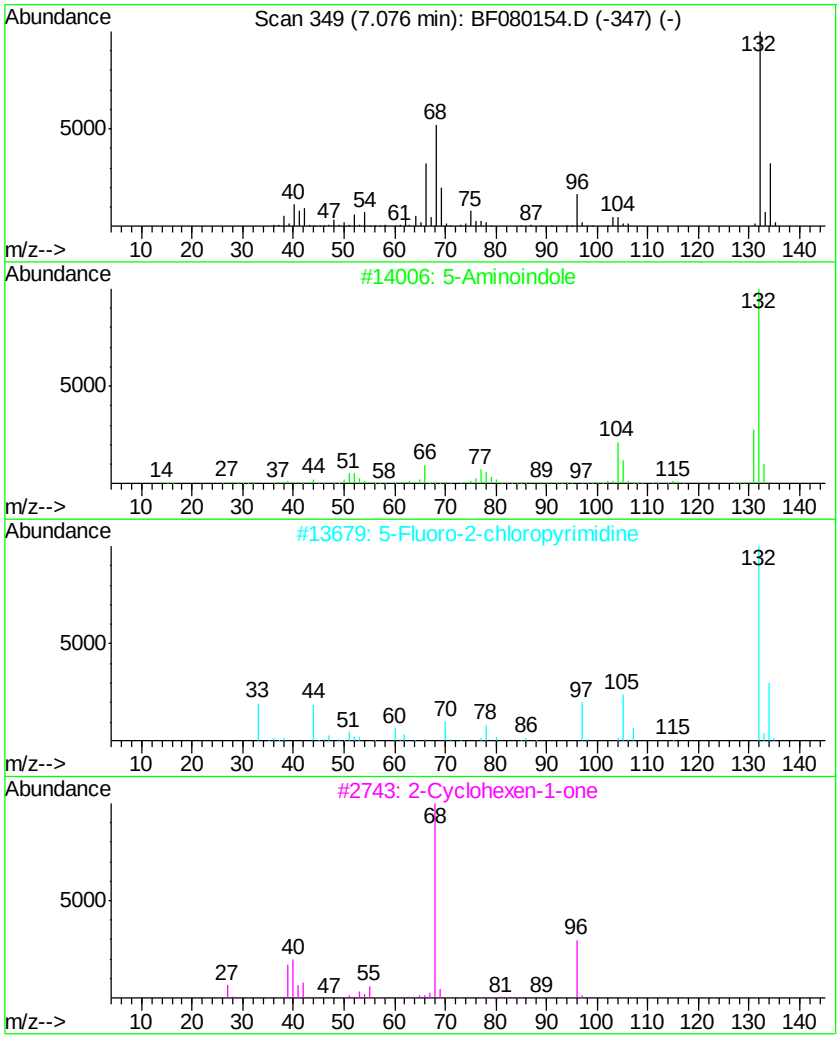
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

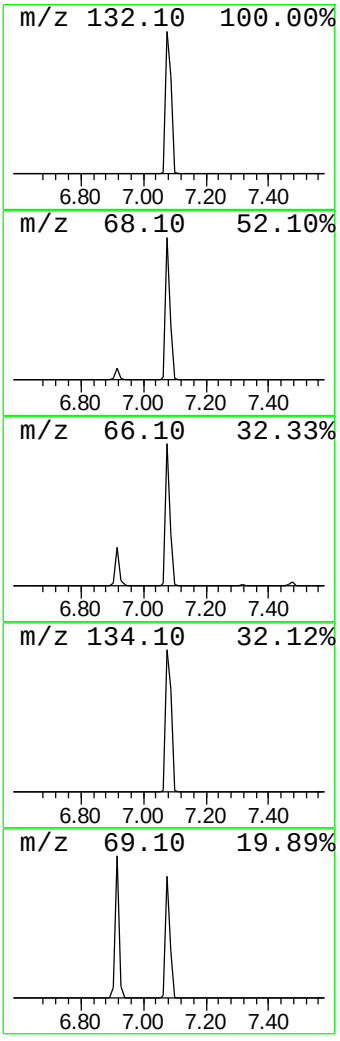
****

Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	74.93 ng	719757	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

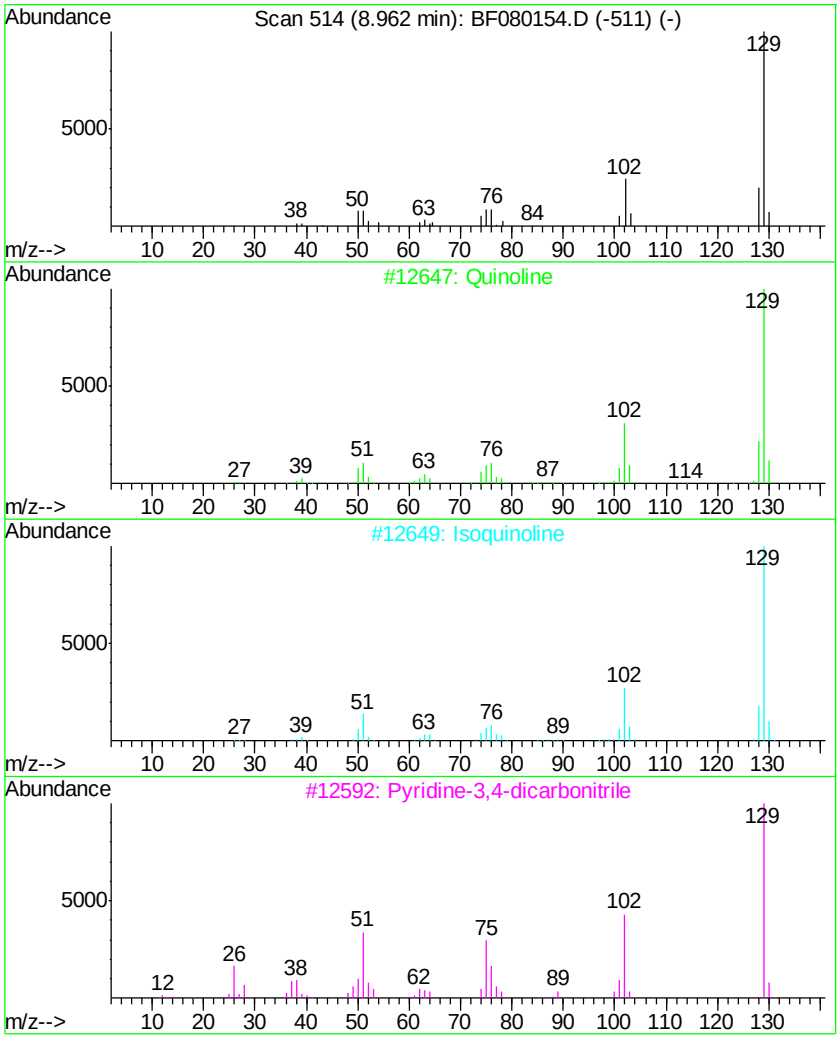
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

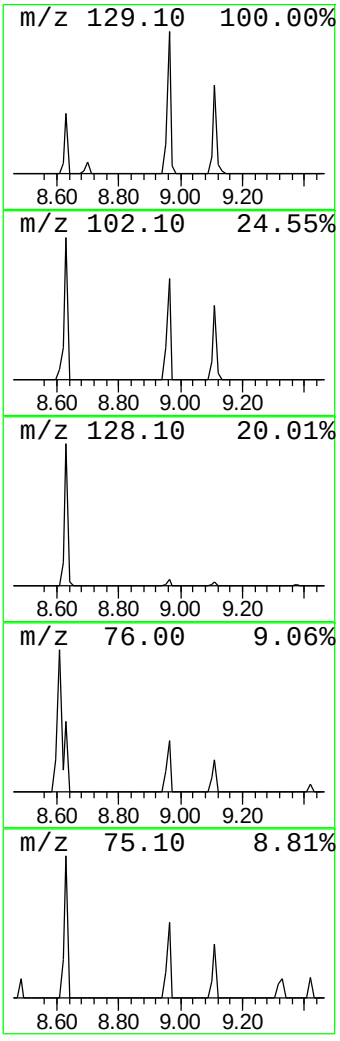
****

Peak Number 4 Quinoline Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	3.43 ng	70308	Naphthalene-d8	8.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	94
2	Isoquinoline	129	C9H7N	000119-65-3	91
3	Pyridine-3,4-dicarbonitrile	129	C7H3N3	001633-44-9	64
4	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	64
5	1-Benzocyclobutenecarbonitrile	129	C9H7N	006809-91-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

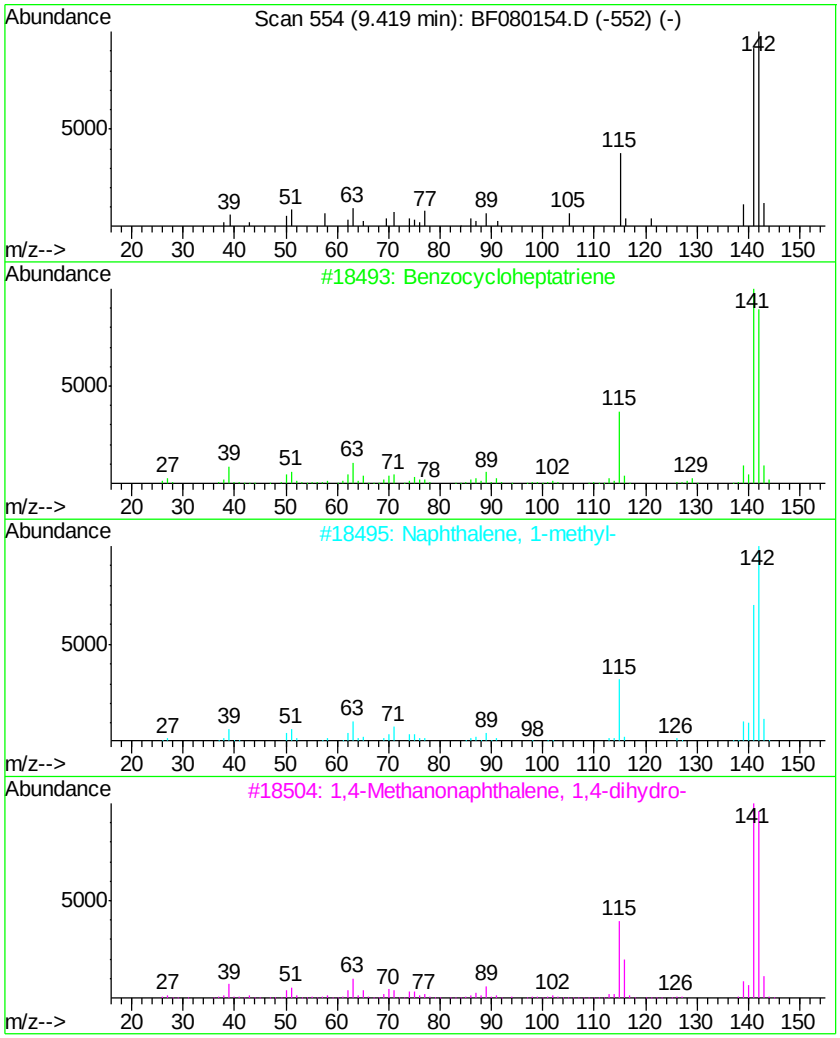
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

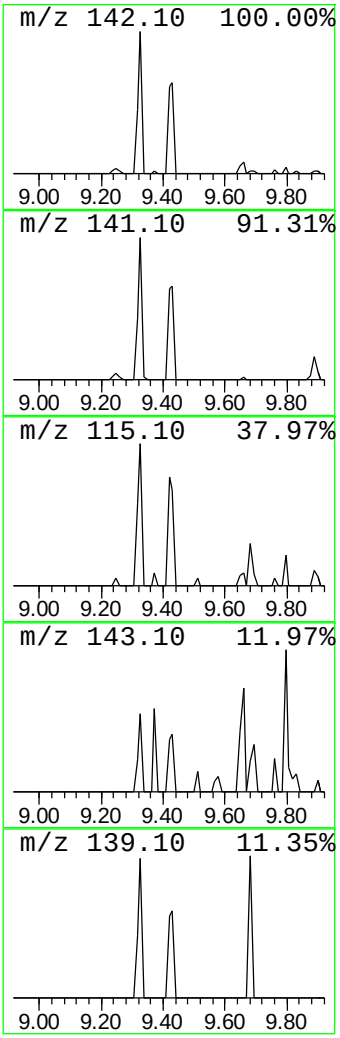
****

Peak Number 5 Benzocycloheptatriene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.17 ng	65035	Naphthalene-d8	8.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

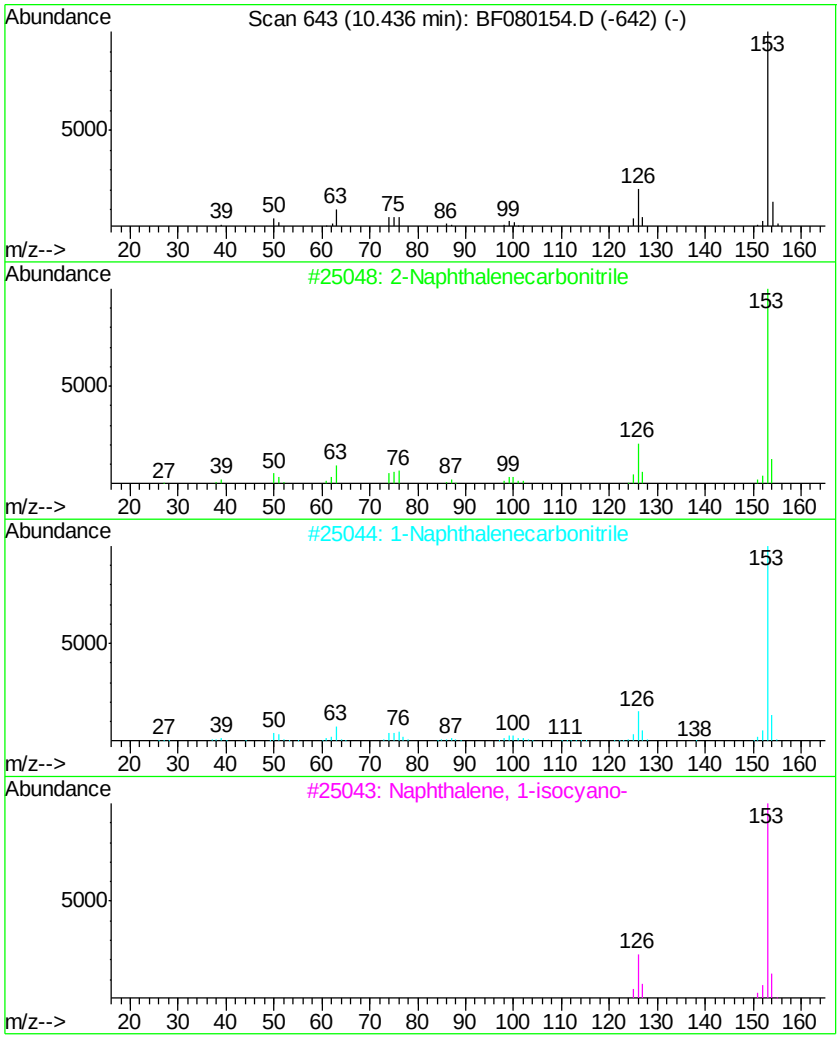
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

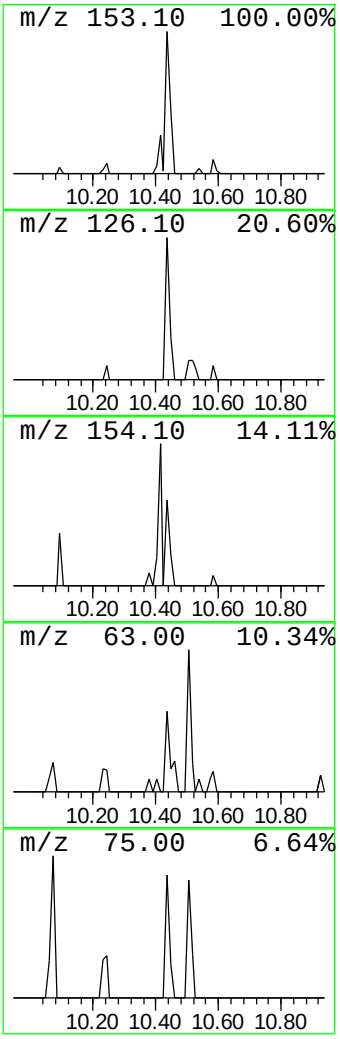
****

Peak Number 6 2-Naphthalenecarbonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.27 ng	53387	Acenaphthene-d10	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
3	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90
4	Benzene-1,2,4-tricarbonitrile	153	C9H3N3	010347-14-5	39
5	2-Fluorobenzothiazole	153	C7H4FNS	001123-98-4	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

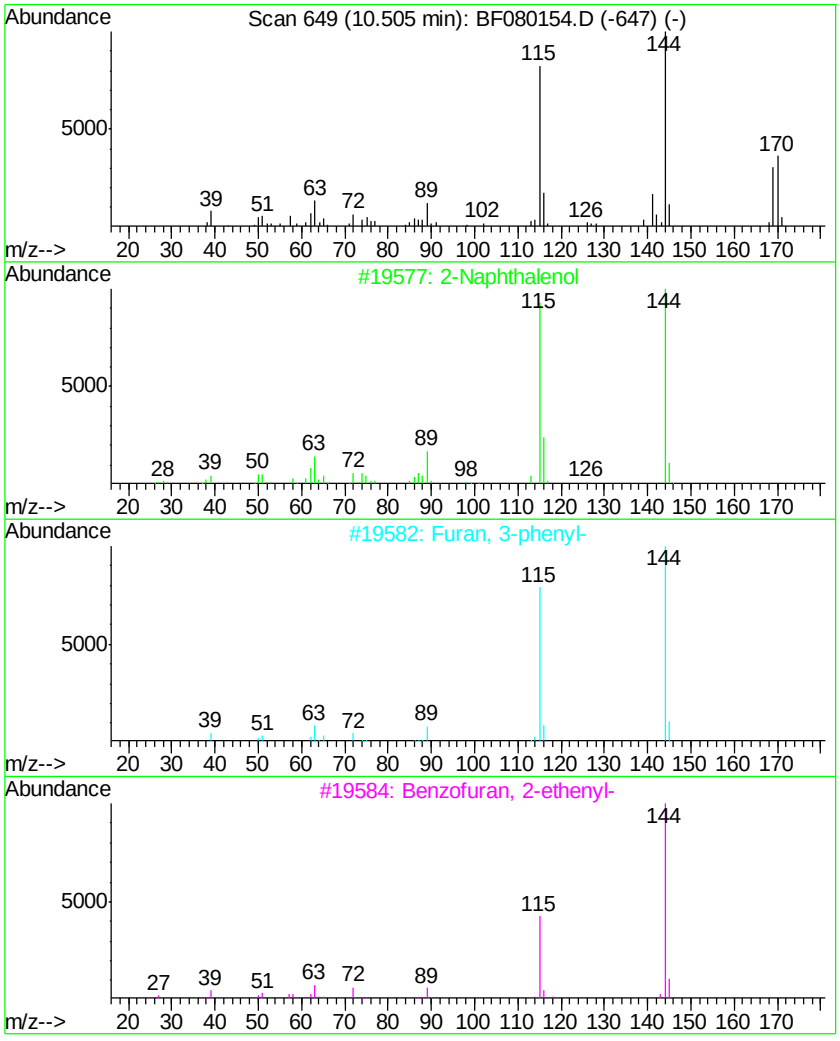
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

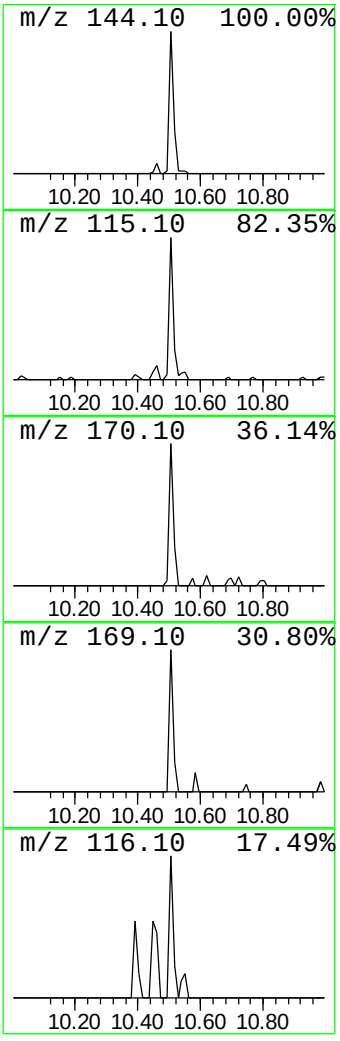
****

Peak Number 7 2-Naphthalenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	6.50 ng	106055	Acenaphthene-d10	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	93
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	76
3	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	68
4	1-Naphthalenol	144	C10H8O	000090-15-3	62
5	Cinnoline, 4-methyl-	144	C9H8N2	014722-38-4	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

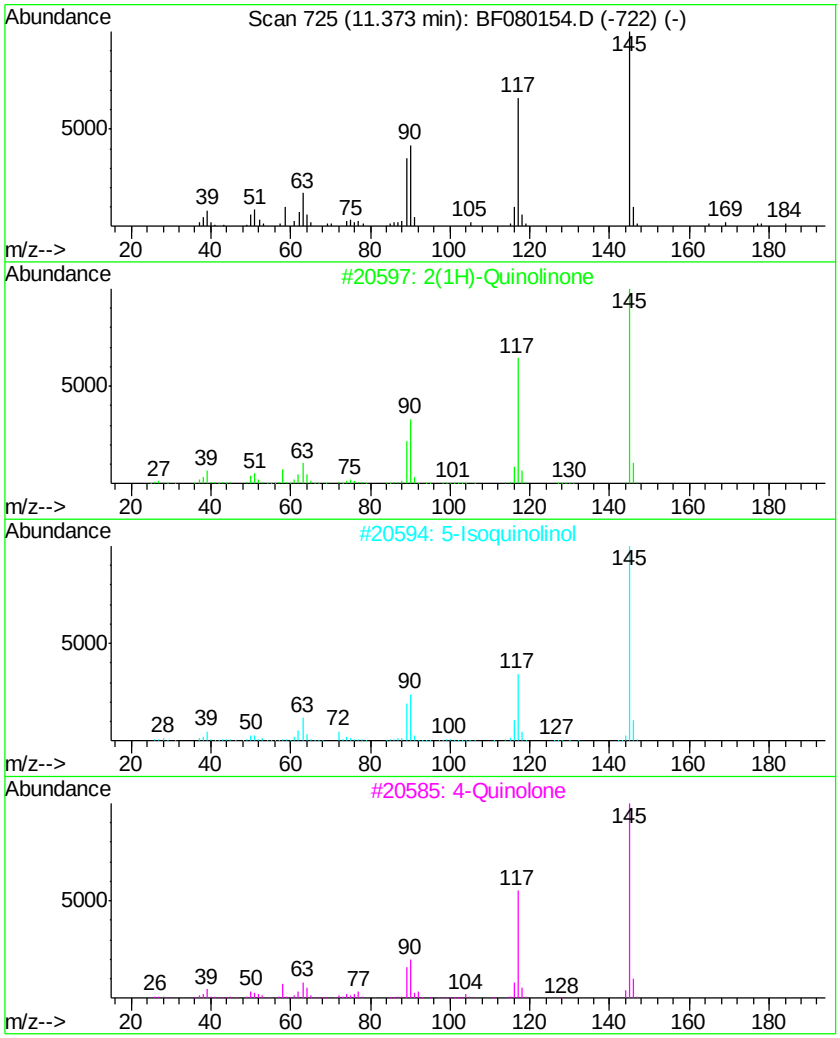
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

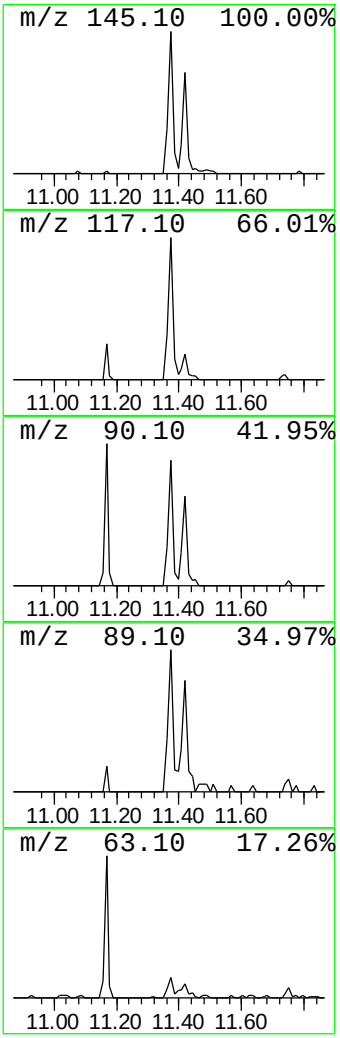
****

Peak Number 8 2(1H)-Quinolinone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.25 ng	87496	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	97
2	5-Isoquinolinol	145	C9H7NO	002439-04-5	91
3	4-Quinolone	145	C9H7NO	1000234-25-1	91
4	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	90
5	4-Quinolinol	145	C9H7NO	000611-36-9	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

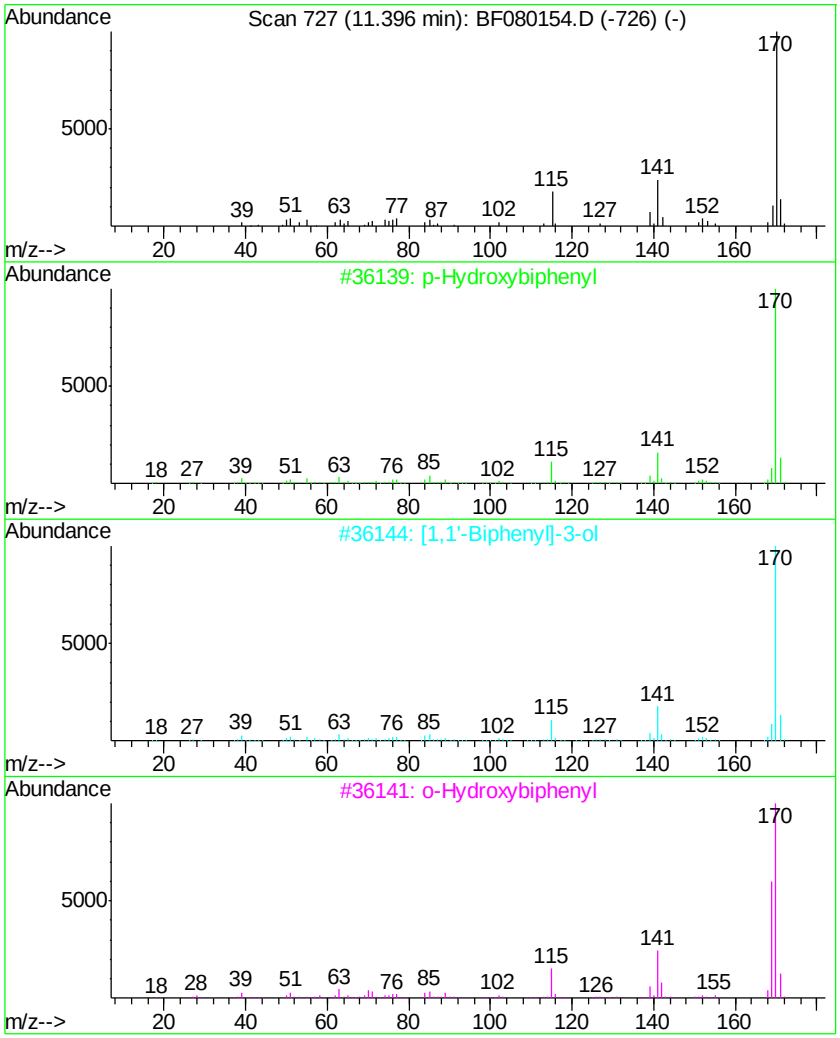
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

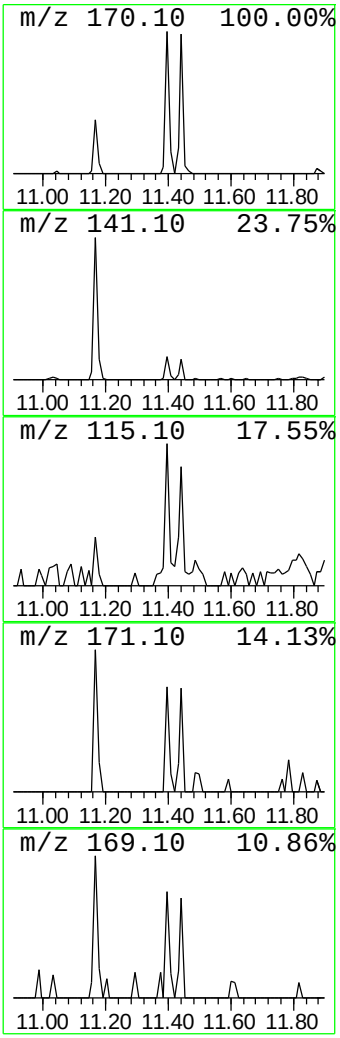
****

Peak Number 9 p-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.55 ng	122493	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	91
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	80
4	Carbamic acid, N-[1,1-bis(triflu...	391	C18H15F6NO2	296242-71-2	72
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

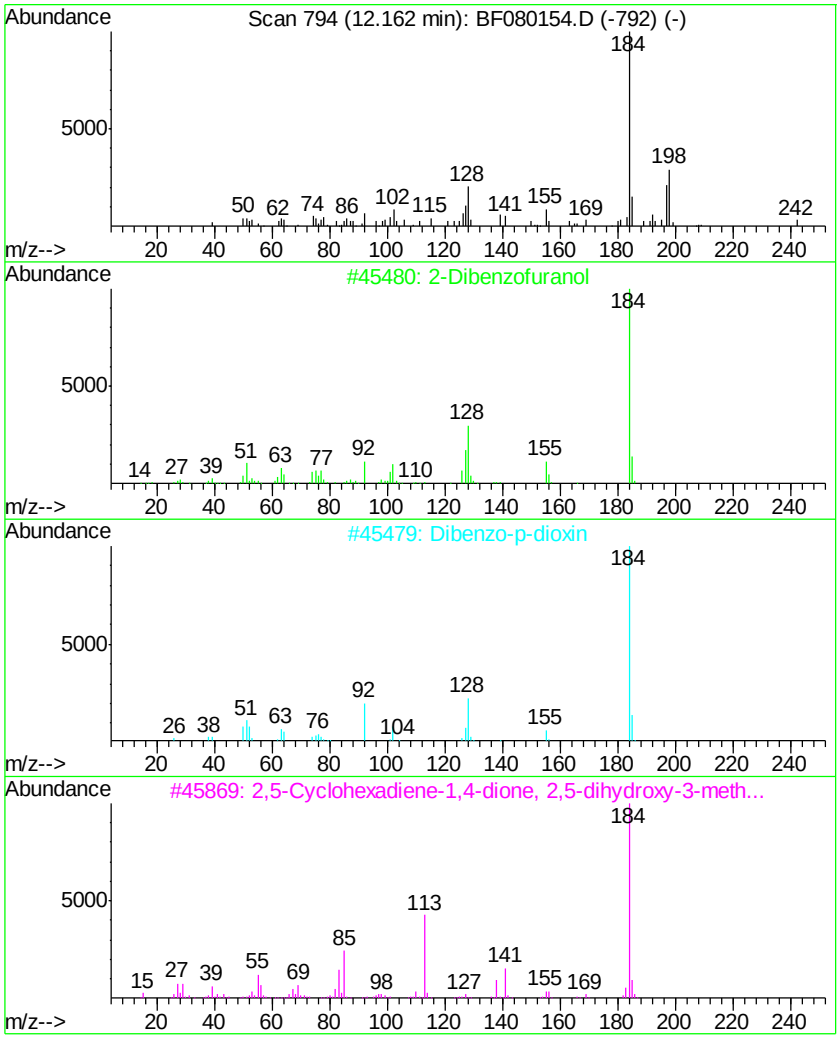
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

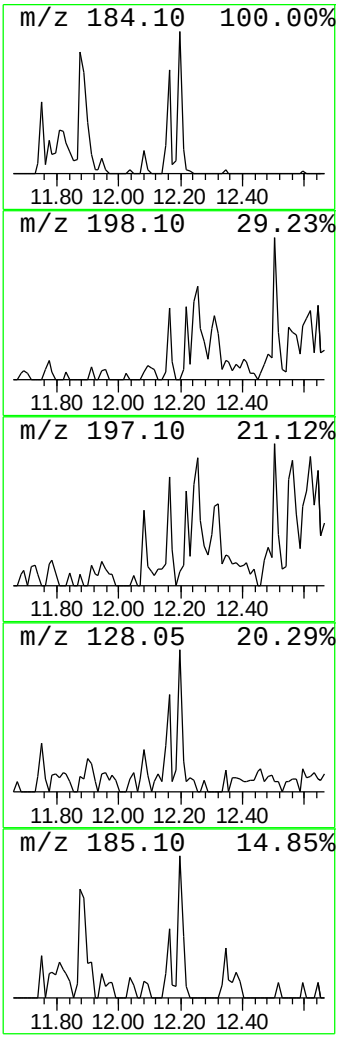
****

Peak Number 10 2-Dibenzofuranol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.98 ng	80178	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	86
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	58
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	46
4	Benzene, 1-methoxy-4-(2,2-dicyan...	184	C11H8N2O	002826-26-8	43
5	1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

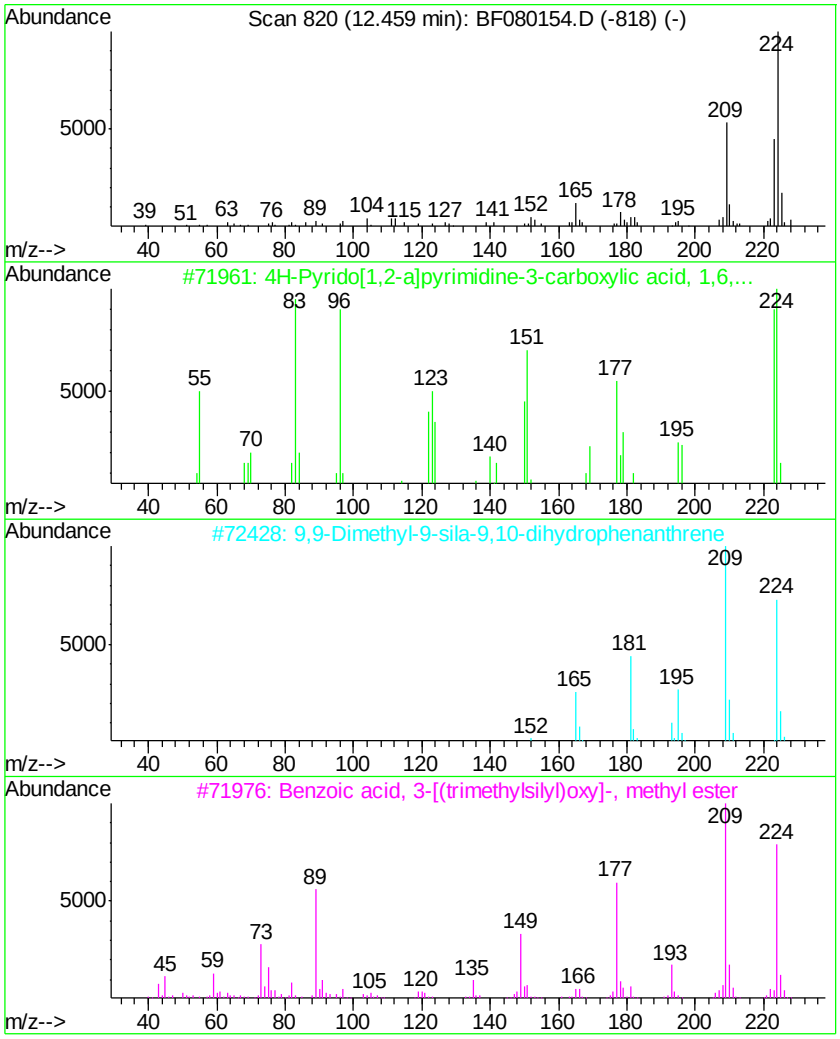
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

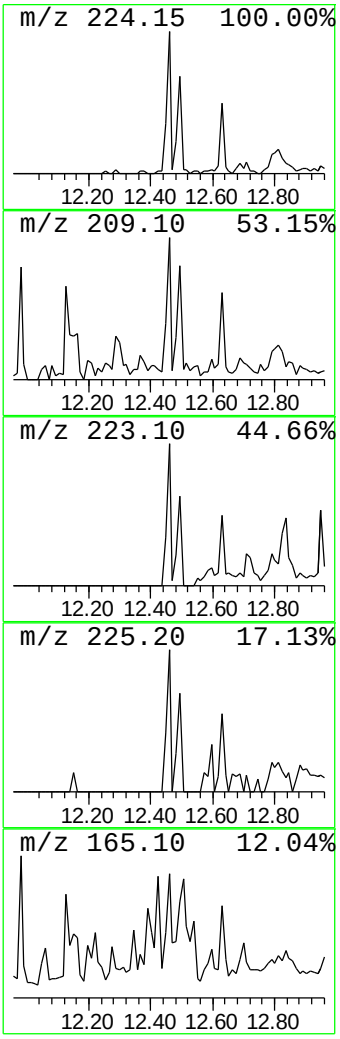
****

Peak Number 11 4H-Pyrido[1,2-a]pyrimidine-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.87 ng	77227	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyrido[1,2-a]pyrimidine-3-car...	224	C11H16N2O3	039080-62-1	90
2	9,9-Dimethyl-9-sila-9,10-dihydro...	224	C15H16Si	187328-55-8	62
3	Benzoic acid, 3-[(trimethylsilyl...	224	C11H16O3Si	027798-50-1	59
4	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	53
5	Pyrazole, 5-methyl-1-phenyl-4-(3...	224	C13H12N4	1000267-97-9	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

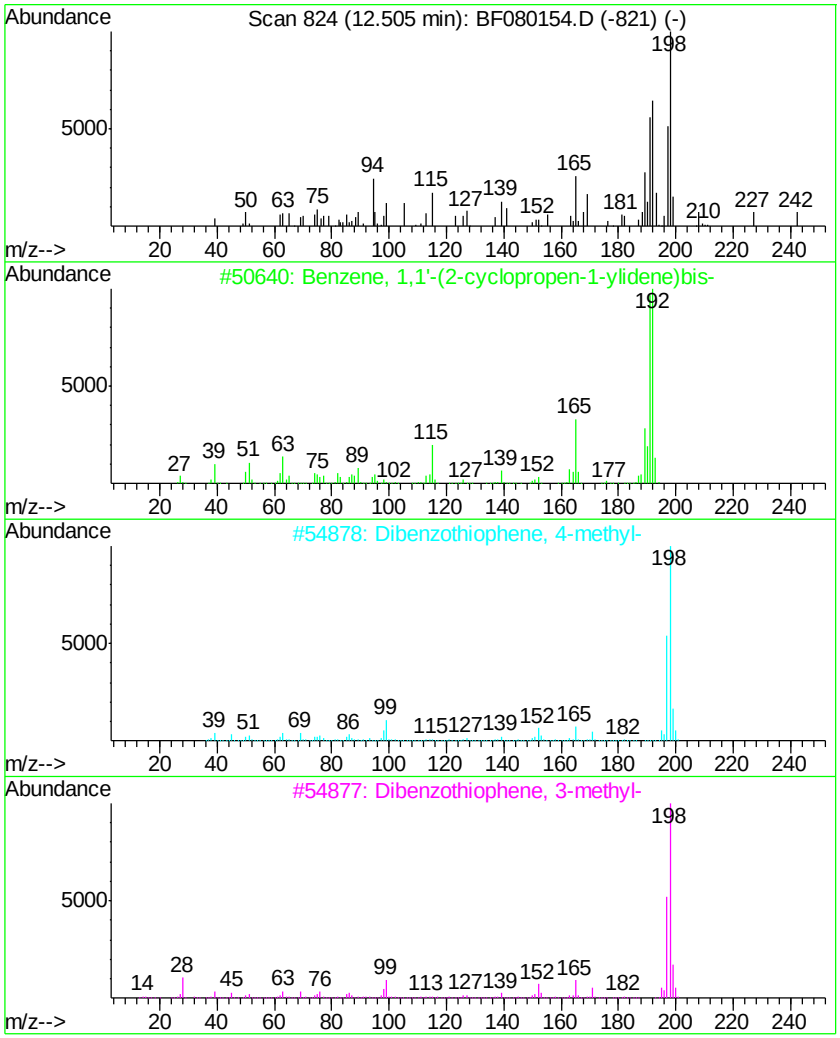
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

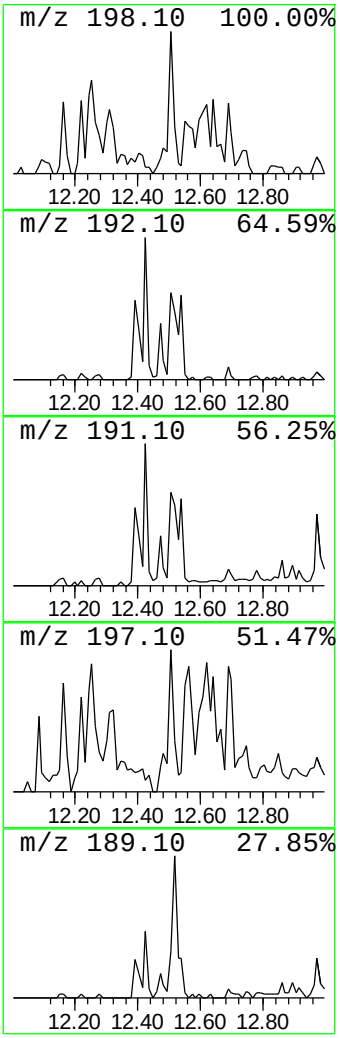
****

Peak Number 12 Benzene, 1,1'-(2-cycloprope... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.00 ng	107519	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	51
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	50
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	45
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43
5	3H-Imidazo(4,5-f)quinoline, 2-am...	198	C11H10N4	076180-96-6	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

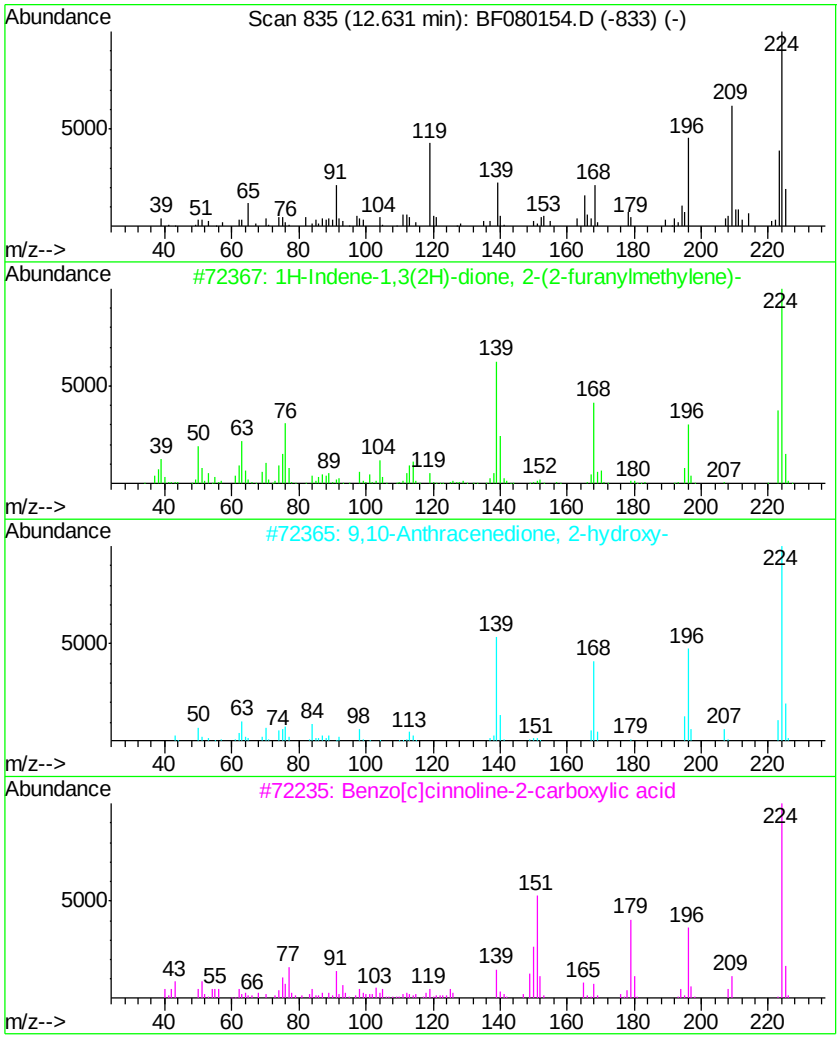
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

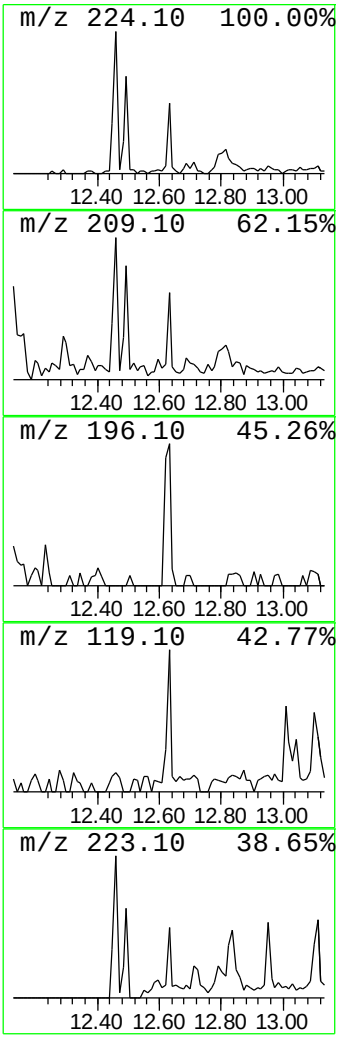
****

Peak Number 13 1H-Indene-1,3(2H)-dione, 2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.62 ng	97388	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-1,3(2H)-dione, 2-(2-fu...	224	C14H8O3	029874-41-7	53
2	9,10-Anthracenedione, 2-hydroxy-	224	C14H8O3	000605-32-3	50
3	Benzo[c]cinnoline-2-carboxylic acid	224	C13H8N2O2	020684-46-2	43
4	9,10-Anthracenedione, 1-hydroxy-	224	C14H8O3	000129-43-1	43
5	2-Pyridineacetonitrile, .alpha.-...	224	C14H12N2O	038236-51-0	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

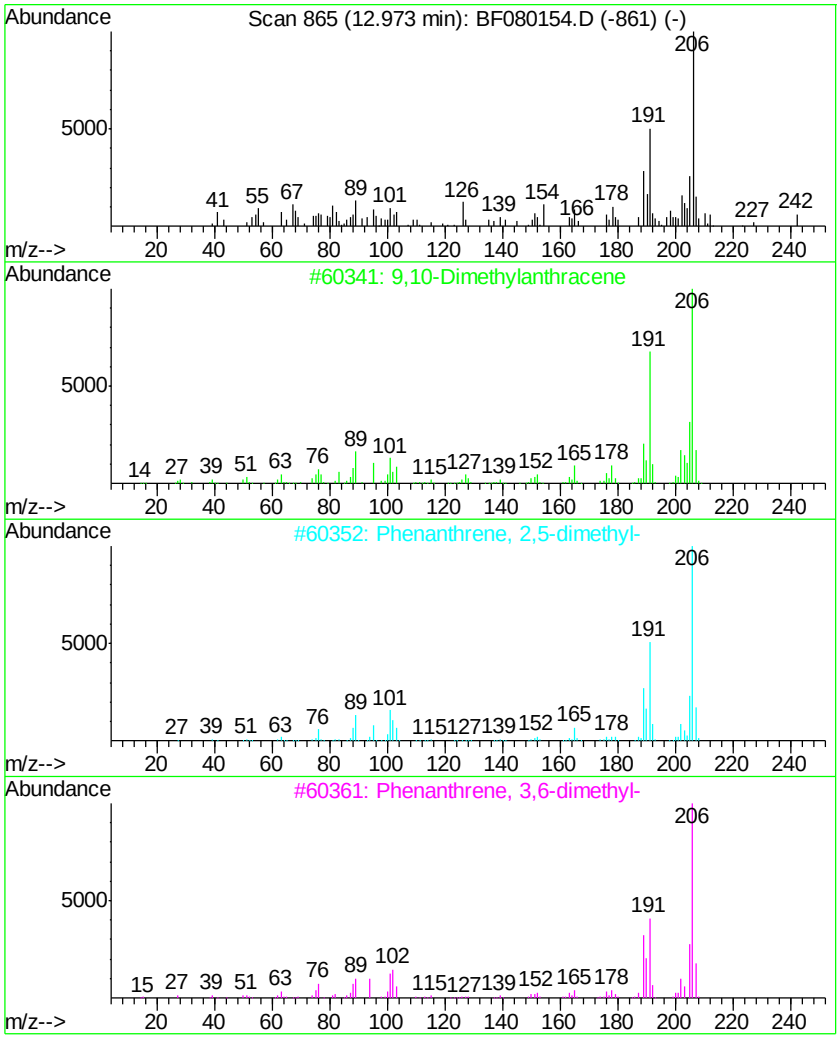
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

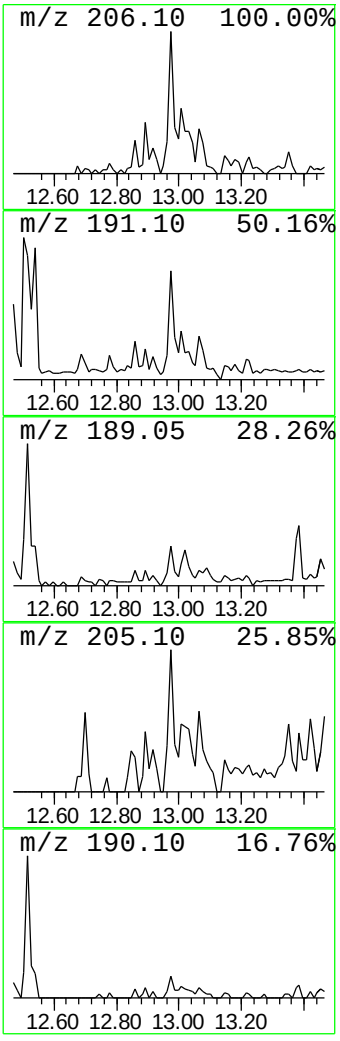
****

Peak Number 14 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	9.34 ng	251267	Phenanthrene-d10	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

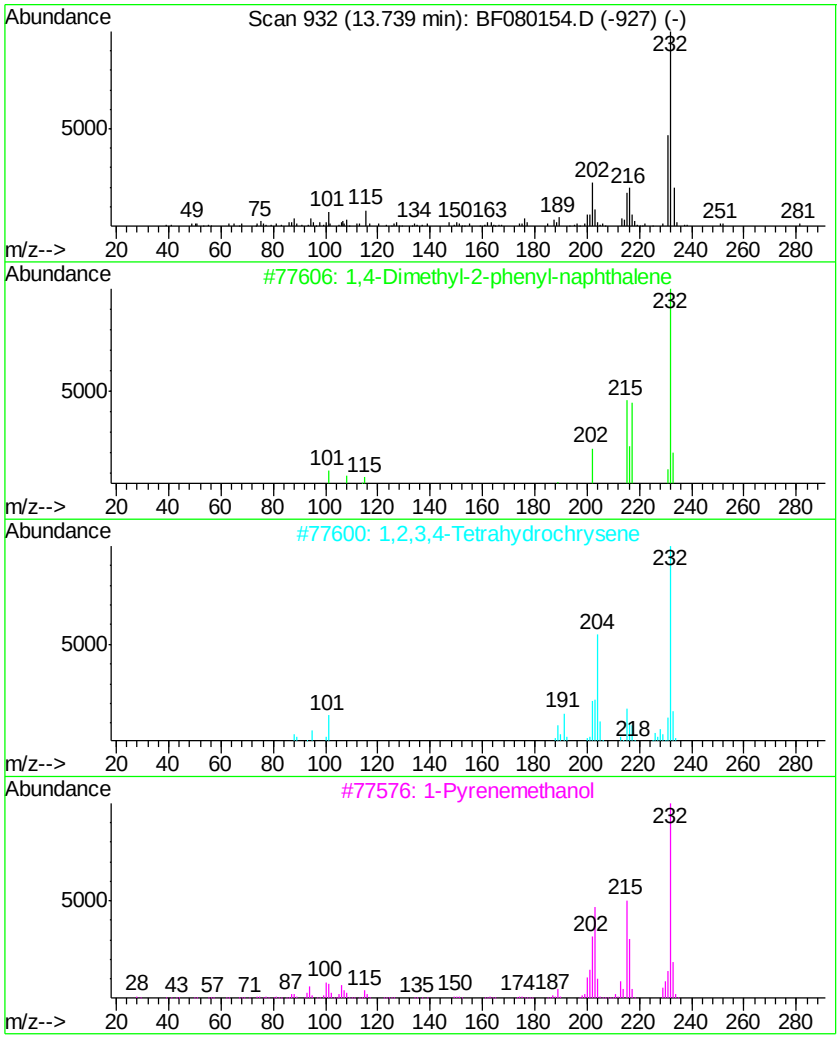
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

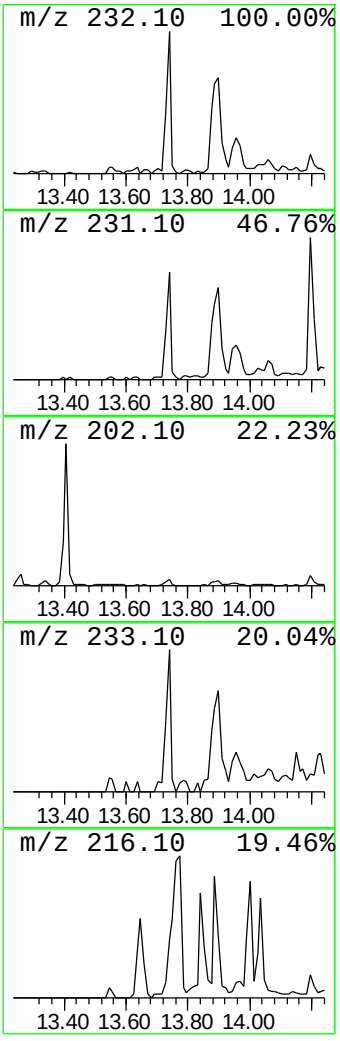
****

Peak Number 15 1,4-Dimethyl-2-phenyl-napht... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.22 ng	155050	Chrysene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	59
2	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	59
3	1-Pyrenemethanol	232	C17H12O	024463-15-8	58
4	8,9,10,11-Tetrahydrobenz[a]anthr...	232	C18H16	067064-62-4	50
5	all-trans-1,6-Diphenyl-1,3,5-hex...	232	C18H16	017329-15-6	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

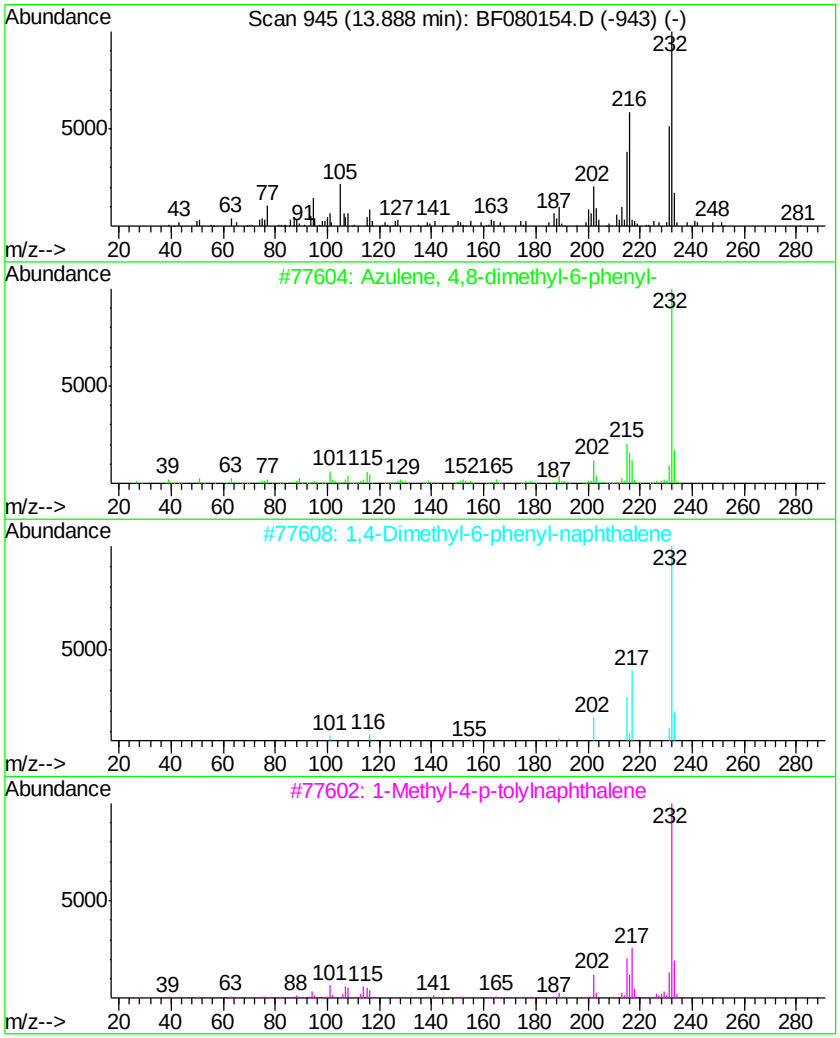
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

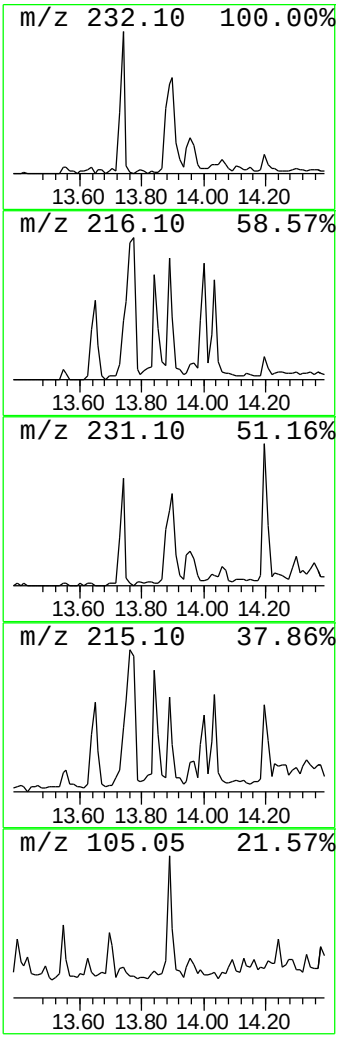
****

Peak Number 16 Azulene, 4,8-dimethyl-6-phe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.71 ng	172805	Chrysene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	70
2	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	47
3	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	46
4	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	43
5	Phenol, 3,5-bis(1-pyrrolidinyl)-	232	C14H20N2O	016857-92-4	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

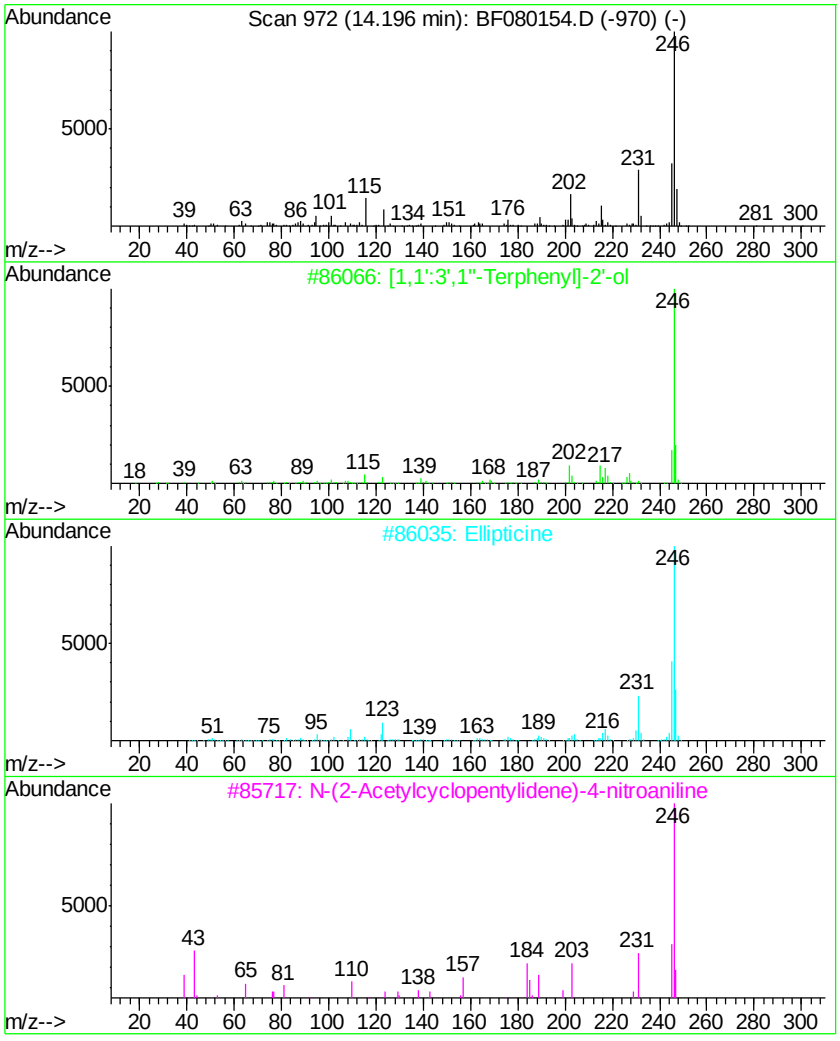
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

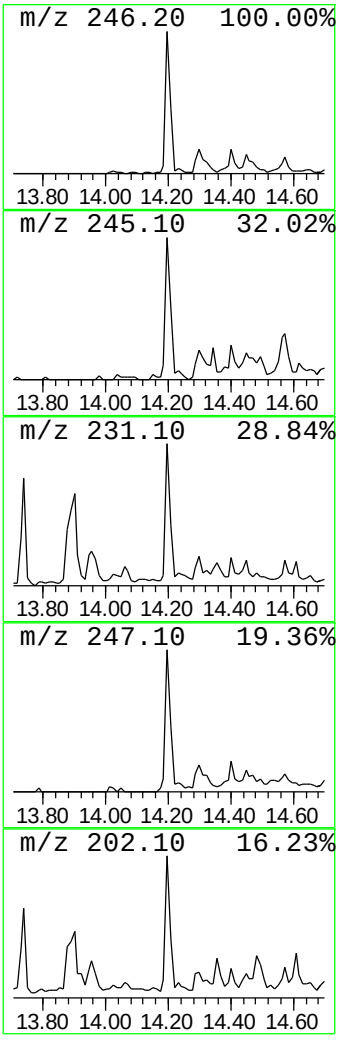
****

Peak Number 17 [1,1':3',1''-Terphenyl]-2'-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	6.43 ng	236056	Chrysene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1':3',1''-Terphenyl]-2'-ol	246	C18H14O	002432-11-3	81
2	Ellipticine	246	C17H14N2	000519-23-3	74
3	N-(2-Acetylcyclopentylidene)-4-n...	246	C13H14N2O3	1000100-48-7	72
4	Benzene, 1,1'-thiobis[4-methoxy-	246	C14H14O2S	003393-77-9	59
5	7,14-Methano-4H,6H-dipyrido[1,2-...	246	C15H22N2O	035611-60-0	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

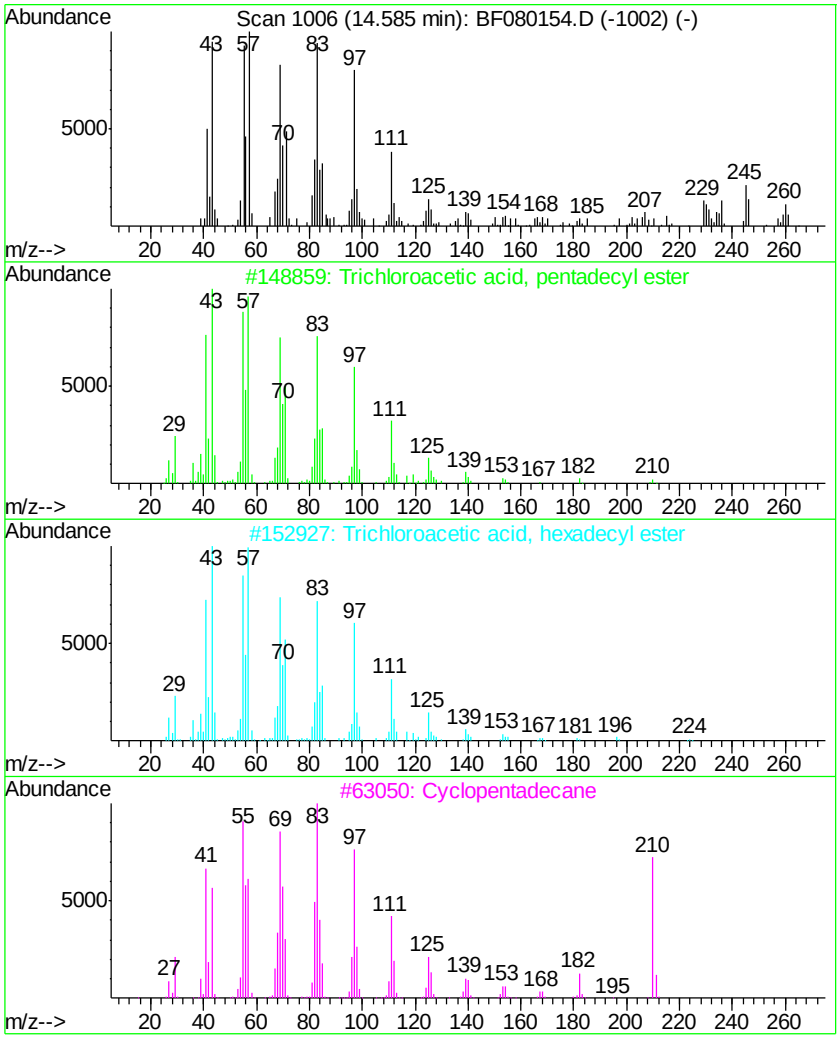
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

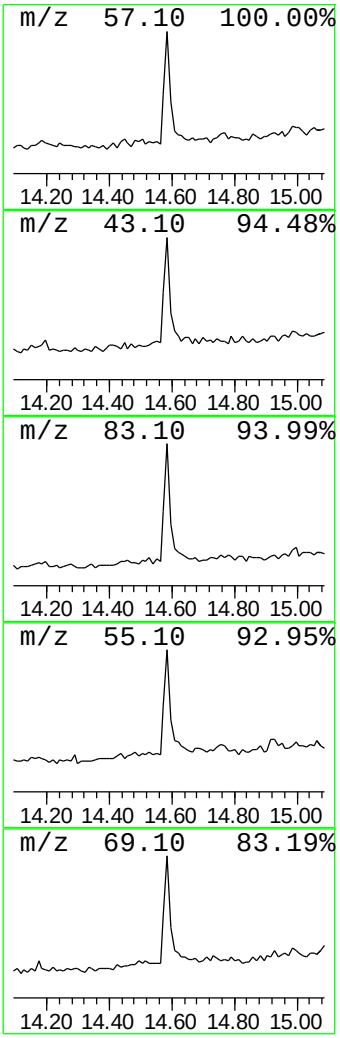
****

Peak Number 18 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	5.84 ng	214405	Chrysene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	1-Pentadecene	210	C15H30	013360-61-7	89
5	1-Nonadecene	266	C19H38	018435-45-5	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

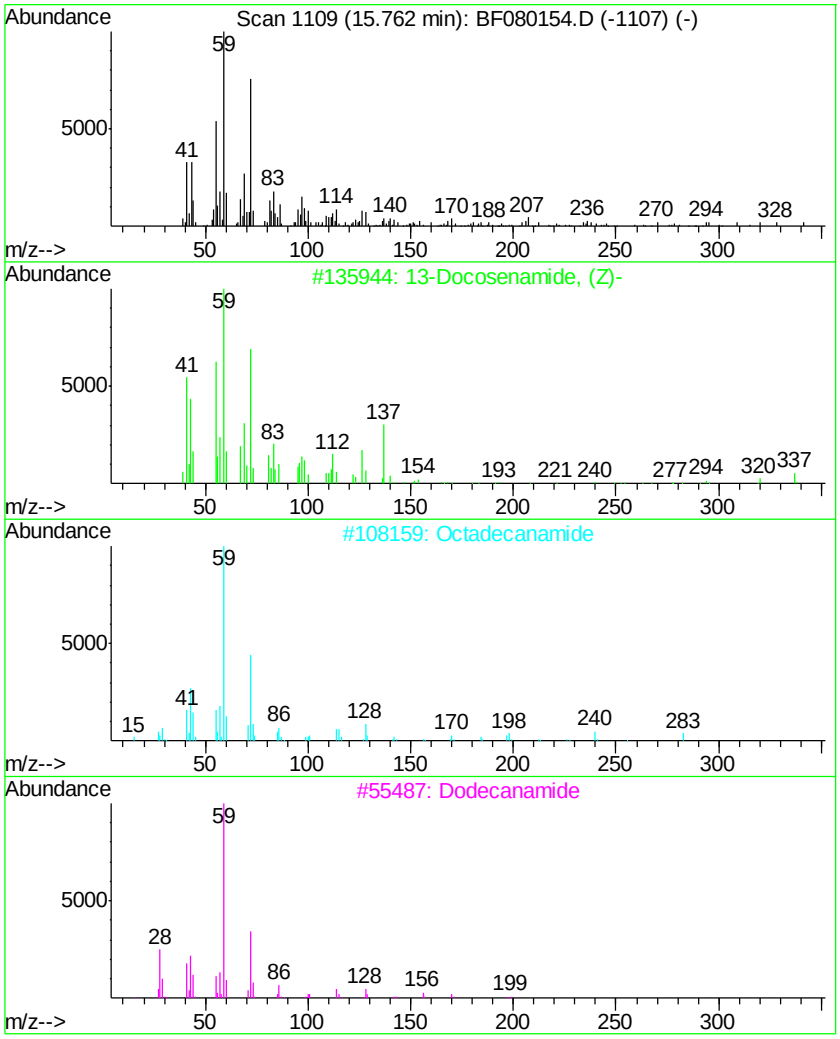
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

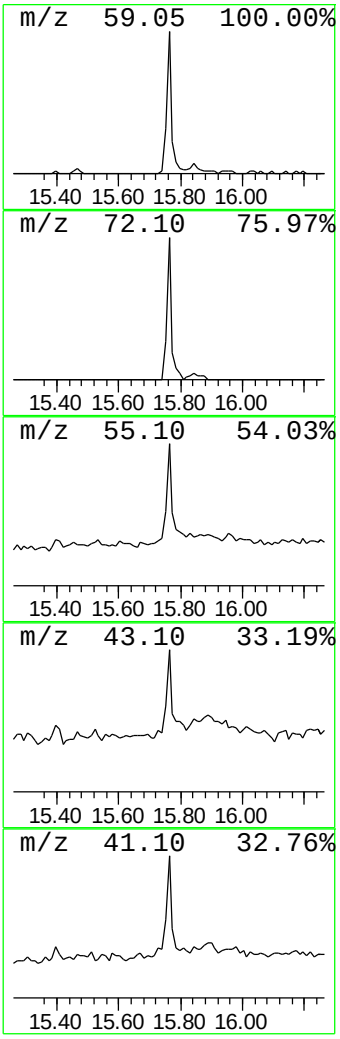
****

Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	8.41 ng	164821	Perylene-d12	16.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59
2	Octadecanamide	283	C18H37NO	000124-26-5	47
3	Dodecanamide	199	C12H25NO	001120-16-7	47
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080154.D
Acq On : 25 Jun 2015 4:04
Operator : TP/IZ
Sample : G2750-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.52	23.6	ng	226632	1	7.32	192127	20.0
unknown7.08	7.08	74.9	ng	719757	1	7.32	192127	20.0
Quinoline	8.96	3.4	ng	70308	2	8.61	410272	20.0
Benzocycloheptatr...	9.42	3.2	ng	65035	2	8.61	410272	20.0
2-Naphthalenecarb...	10.44	3.3	ng	53387	3	10.38	326122	20.0
2-Naphthalenol	10.50	6.5	ng	106055	3	10.38	326122	20.0
2(1H)-Quinolinone	11.37	3.3	ng	87496	4	11.88	538188	20.0
p-Hydroxybiphenyl	11.40	4.5	ng	122493	4	11.88	538188	20.0
2-Dibenzofuranol	12.16	3.0	ng	80178	4	11.88	538188	20.0
4H-Pyrido[1,2-a]p...	12.46	2.9	ng	77227	4	11.88	538188	20.0
Benzene, 1,1'-(2-...	12.50	4.0	ng	107519	4	11.88	538188	20.0
1H-Indene-1,3(2H)...	12.63	3.6	ng	97388	4	11.88	538188	20.0
9,10-Dimethylanth...	12.97	9.3	ng	251267	4	11.88	538188	20.0
1,4-Dimethyl-2-ph...	13.74	4.2	ng	155050	5	14.80	734290	20.0
Azulene, 4,8-dime...	13.89	4.7	ng	172805	5	14.80	734290	20.0
[1,1':3',1''-Terp...	14.20	6.4	ng	236056	5	14.80	734290	20.0
Trichloroacetic a...	14.59	5.8	ng	214405	5	14.80	734290	20.0
13-Docosenamide, ...	15.76	8.4	ng	164821	6	16.65	391935	20.0