LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-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-BF013017.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	2.213	9	11	18	rVB4	5523	19713	1.56%	0.113%
2	3.687	137	140	144	rVB	7732	15687	1.24%	0.090%
3	4.979	250	253	259	rBV	122694	180323	14.29%	1.037%
4	5.104	259	264	265	rBV4	4946	14162	1.12%	0.081%
5	5.253	274	277	279	rBV	182732	192123	15.23%	1.105%
6	5.367	284	287	290	rBV	17972	26437	2.10%	0.152%
7	5.424	290	292	300	rVB	421452	450398	35.70%	2.590%
8	5.630	307	310	312	rBV	624291	737634	58.46%	4.241%
9	5.973	338	340	342	rBV	51983	44275	3.51%	0.255%
10	6.133	351	354	358	rBV3	6235	14067	1.11%	0.081%
11	6.202	358	360	362	rVB	14339	14656	1.16%	0.084%
12	6.270	364	366	369	rVV	34075	42141	3.34%	0.242%
13	6.339	370	372	374	rVV	34728	38787	3.07%	0.223%
14	6.373	374	375	378	rVV	76829	79541	6.30%	0.457%
15	6.476	382	384	390	rBV	487130	517449	41.01%	2.975%
16	6.602	393	395	397	rVV	423955	463596	36.74%	2.666%
17	6.659	397	400	402	rVB2	27515	40916	3.24%	0.235%
18	6.830	412	415	417	rBV	907707	911316	72.23%	5.240%
19	6.979	426	428	431	rBV	316157	360081	28.54%	2.070%
20	7.070	434	436	438	rVV2	13383	17978	1.42%	0.103%
21	7.150	441	443	446	rVB3	24687	26264	2.08%	0.151%
22	7.242	446	451	454	rBV2	14568	33765	2.68%	0.194%
23	7.402	463	465	467	rBV	195824	249446	19.77%	1.434%
24	7.436	467	468	469	rVB	23612	16186	1.28%	0.093%
25	7.870	502	506	509	rBV3	14547	44112	3.50%	0.254%
26	7.939	509	512	515	rVB4	7272	15282	1.21%	0.088%
27	8.053	519	522	525	rBV2	5853	15514	1.23%	0.089%
28	8.122	526	528	530	rBV	1331320	1146702	90.89%	6.593%
29	8.407	551	553	557	rVB4	10416	17771	1.41%	0.102%
30	8.476	557	559	563	rBV5	11789	23719	1.88%	0.136%
31	8.545	563	565	570	rVB4	14599	26259	2.08%	0.151%
32	8.716	578	580	582	rVB	23366	22043	1.75%	0.127%
33	8.842	588	591	593	rBV	144415	128140	10.16%	0.737%
34	8.933	595	599	603	rVB	35352	64183	5.09%	0.369%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.082	607	612	614	rVB6	5718	16876	1.34%	0.097%
36	9.150	614	618	620	rBV3	12877	17561	1.39%	0.101%
37	9.208	620	623	625	rVB	413131	426129	33.77%	2.450%
38	9.288	627	630	635	rBV2	28238	62742	4.97%	0.361%
39	9.402	638	640	644	rVB	22984	21289	1.69%	0.122%
40	9.470	644	646	649	rBV	52638	71480	5.67%	0.411%
41	9.539	650	652	654	rBV	37171	50235	3.98%	0.289%
42	9.573	654	655	656	rVV	24866	20880	1.65%	0.120%
43	9.608	656	658	659	rVV	36506	34067	2.70%	0.196%
44	9.665	661	663	665	rBV	15777	19474	1.54%	0.112%
45	9.745	668	670	672	rVB	40733	35145	2.79%	0.202%
46	9.813	675	676	678	rBV2	24935	26697	2.12%	0.153%
47	9.882	680	682	684	rVV	1029046	983080	77.92%	5.652%
48	9.916	684	685	687	rVB2	24151	24966	1.98%	0.144%
49	9.985	690	691	694	rVB2	15011	21862	1.73%	0.126%
50	10.088	694	700	702	rBV5	38049	71598	5.67%	0.412%
51	10.122	702	703	706	rVB3	14089	19770	1.57%	0.114%
52	10.202	708	710	711	rBV	16402	18313	1.45%	0.105%
53	10.236	711	713	715	rVB3	11762	16944	1.34%	0.097%
54	10.316	718	720	721	rVB	37190	34604	2.74%	0.199%
55	10.396	725	727	729	rBV2	20953	24503	1.94%	0.141%
56	10.430	729	730	733	rVB	15133	17681	1.40%	0.102%
57	10.545	734	740	742	rBV3	15868	42703	3.38%	0.246%
58	10.671	749	751	756	rVB3	164326	201471	15.97%	1.158%
59	10.796	760	762	766	rVB3	44281	84921	6.73%	0.488%
60	10.911	770	772	775	rVB	45066	45896	3.64%	0.264%
61	11.002	775	780	782	rBV	158078	181159	14.36%	1.042%
62	11.139	790	792	794	rVB	238053	224228	17.77%	1.289%
63	11.173	794	795	797	rVB2	16483	17518	1.39%	0.101%
64	11.231	797	800	801	rBV2	31261	43954	3.48%	0.253%
65	11.265	801	803	806	rVB	28522	38623	3.06%	0.222%
66	11.322	806	808	810	rBV3	9254	17238	1.37%	0.099%
67	11.368	810	812	816	rBV2	883512	913075	72.37%	5.250%
68	11.448	816	819	820	rVB	50510	57278	4.54%	0.329%
69	11.482	820	822	825	rBV3	16390	18413	1.46%	0.106%
70	11.539	825	827	829	rBV2	8400	14120	1.12%	0.081%
71	11.608	830	833	836	rBV2	33835	54637	4.33%	0.314%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.665	836	838	839	rVV	18140	21598	1.71%	0.124%
73	11.699	839	841	844	rVV4	15374	27357	2.17%	0.157%
74	11.871	854	856	857	rBV	38189	33282	2.64%	0.191%
75	11.894	857	858	860	rVV2	33866	44434	3.52%	0.255%
76	11.951	860	863	864	rVV2	30243	40568	3.22%	0.233%
77	11.985	864	866	870	rVB	42781	74396	5.90%	0.428%
78	12.065	871	873	874	rBV2	24818	28836	2.29%	0.166%
79	12.111	875	877	880	rVV4	23111	43969	3.48%	0.253%
80	12.168	880	882	883	rVV	22124	23678	1.88%	0.136%
81	12.202	883	885	888	rVB3	19446	31324	2.48%	0.180%
82	12.419	901	904	905	rBV	59575	73784	5.85%	0.424%
83	12.454	905	907	908	rVV	36610	39759	3.15%	0.229%
84	12.511	910	912	914	rVB2	20552	26525	2.10%	0.153%
85	12.579	916	918	920	rVB	254187	225003	17.83%	1.294%
86	12.808	935	938	940	rBV	269876	281651	22.32%	1.619%
87	12.945	948	950	954	rVB	323139	379818	30.10%	2.184%
88	13.242	974	976	977	rBV	31039	32502	2.58%	0.187%
89	13.425	991	992	993	rBV	35901	31778	2.52%	0.183%
90	13.619	1007	1009	1012	rBV2	511558	677246	53.68%	3.894%
91	13.802	1023	1025	1027	rBV	947886	953055	75.54%	5.480%
92	13.871	1027	1031	1034	rVB5	62834	149331	11.84%	0.859%
93	14.008	1039	1043	1044	rBV2	1001938	1261688	100.00%	7.254%
94	14.134	1051	1054	1055	rBV	481974	501616	39.76%	2.884%
95	14.168	1055	1057	1059	rBV	700943	736415	58.37%	4.234%
96	14.522	1086	1088	1090	rBV	99758	151632	12.02%	0.872%
97	15.025	1130	1132	1136	rBV	186611	385925	30.59%	2.219%
98	15.322	1156	1158	1161	rBV	115968	146981	11.65%	0.845%
99	15.380	1161	1163	1166	rBV	139655	175765	13.93%	1.011%
100	15.437	1166	1168	1171	rBV	542291	790729	62.67%	4.546%

Sum of corrected areas: 17392441

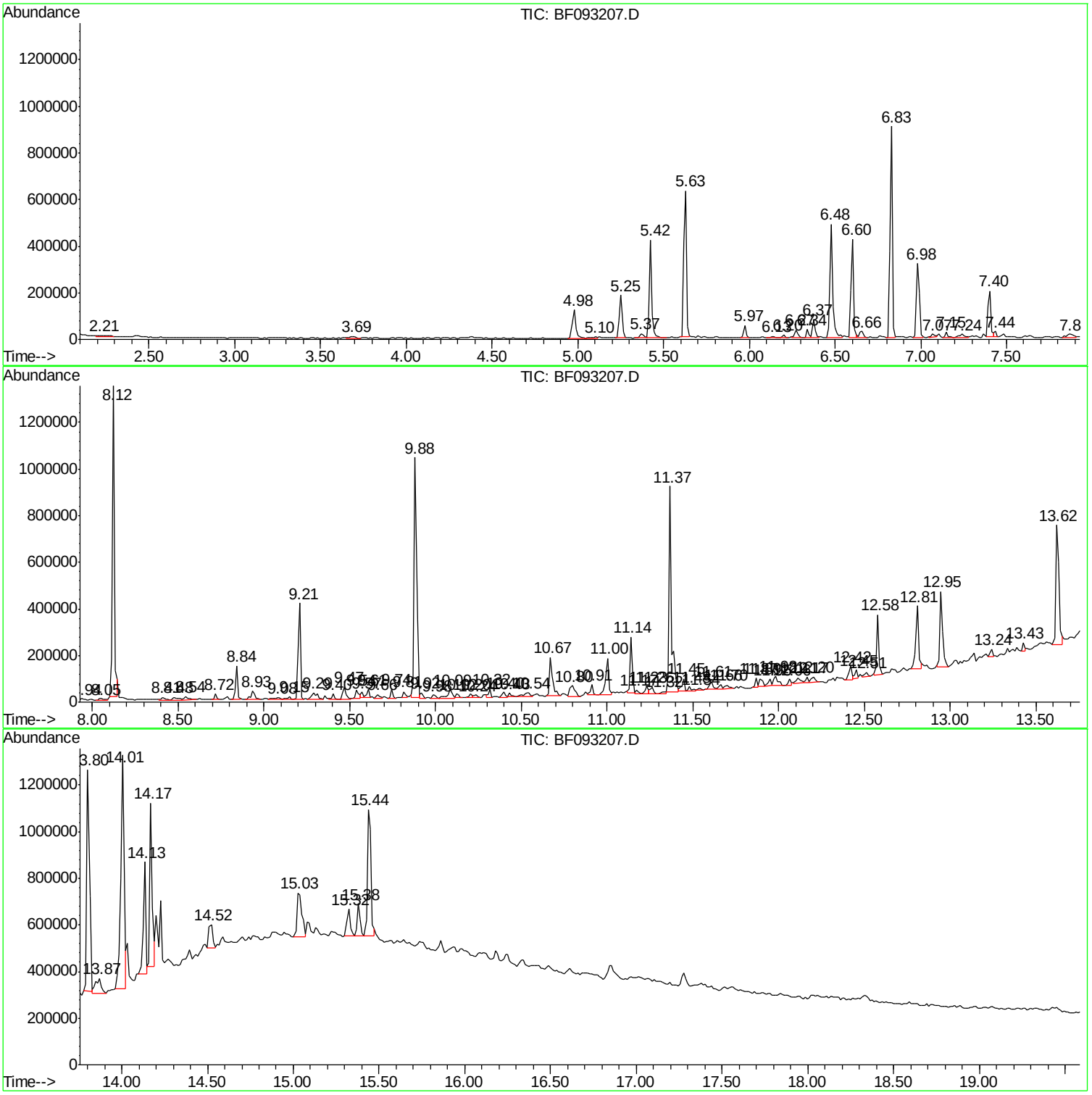
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

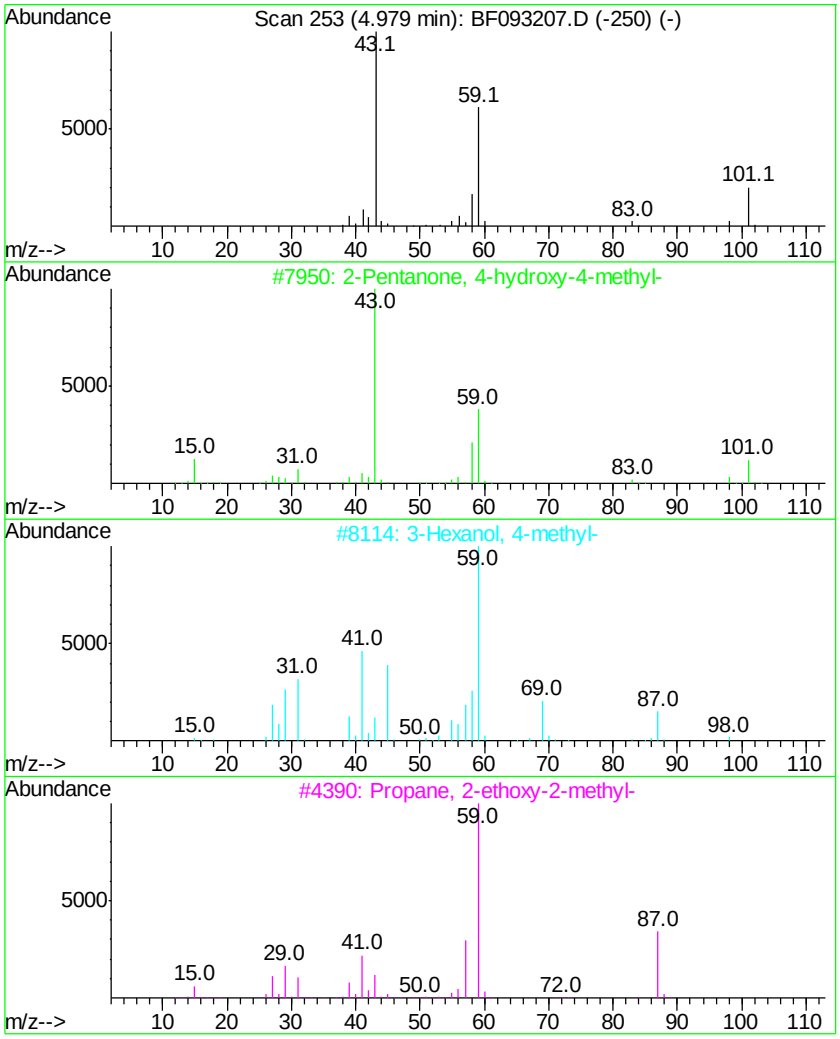
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

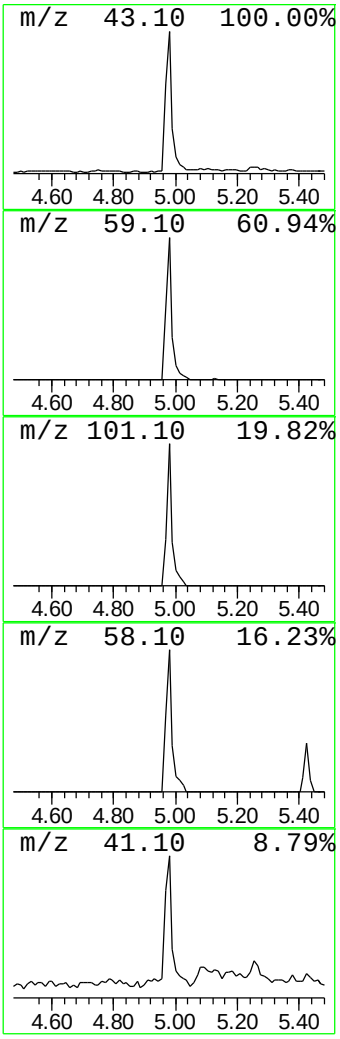
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.96 ng	180323	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

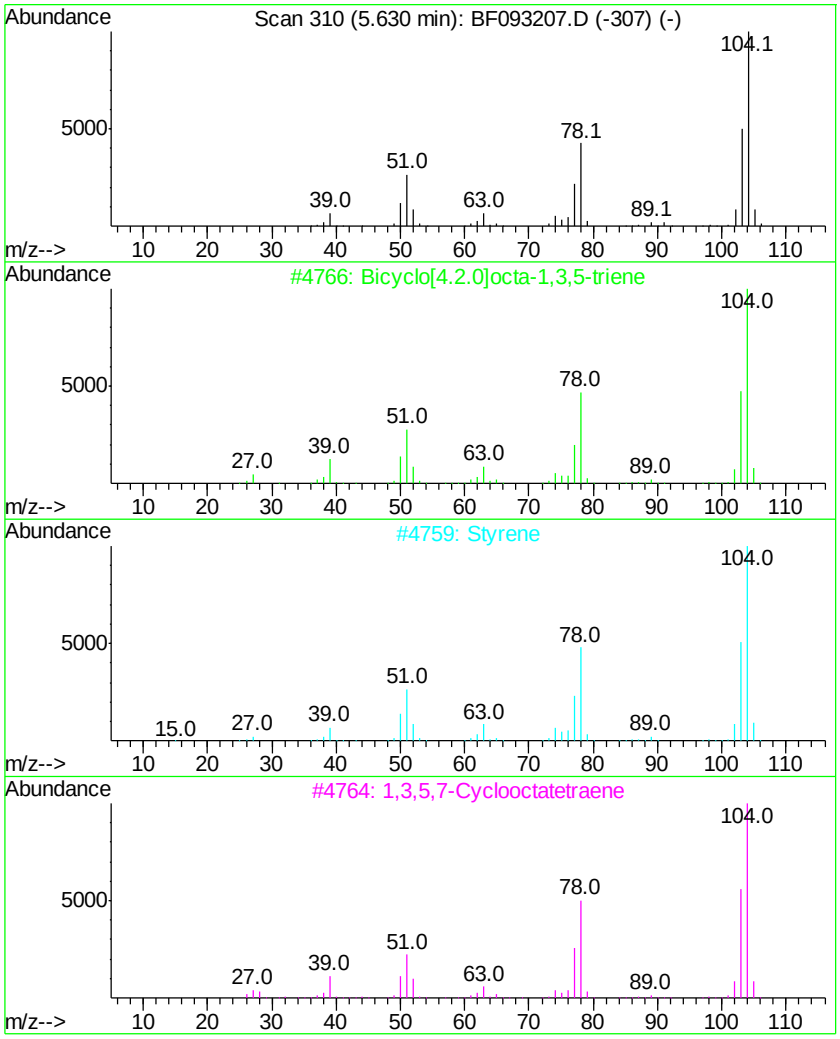
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

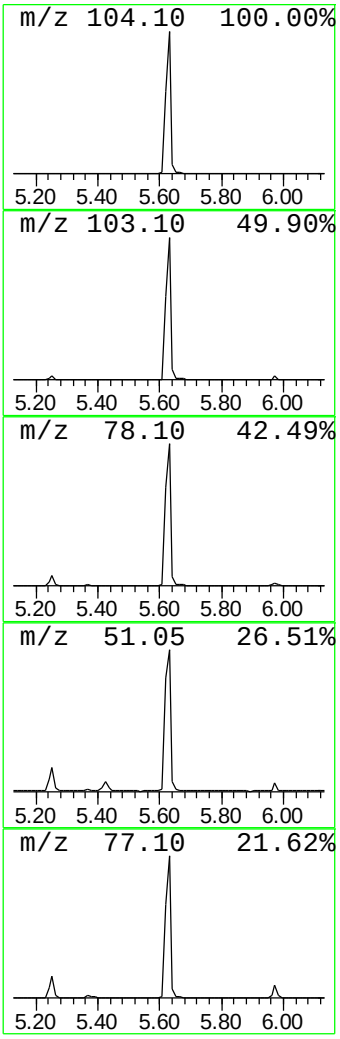
****

Peak Number 3 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	16.19 ng	737634	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	50
5	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

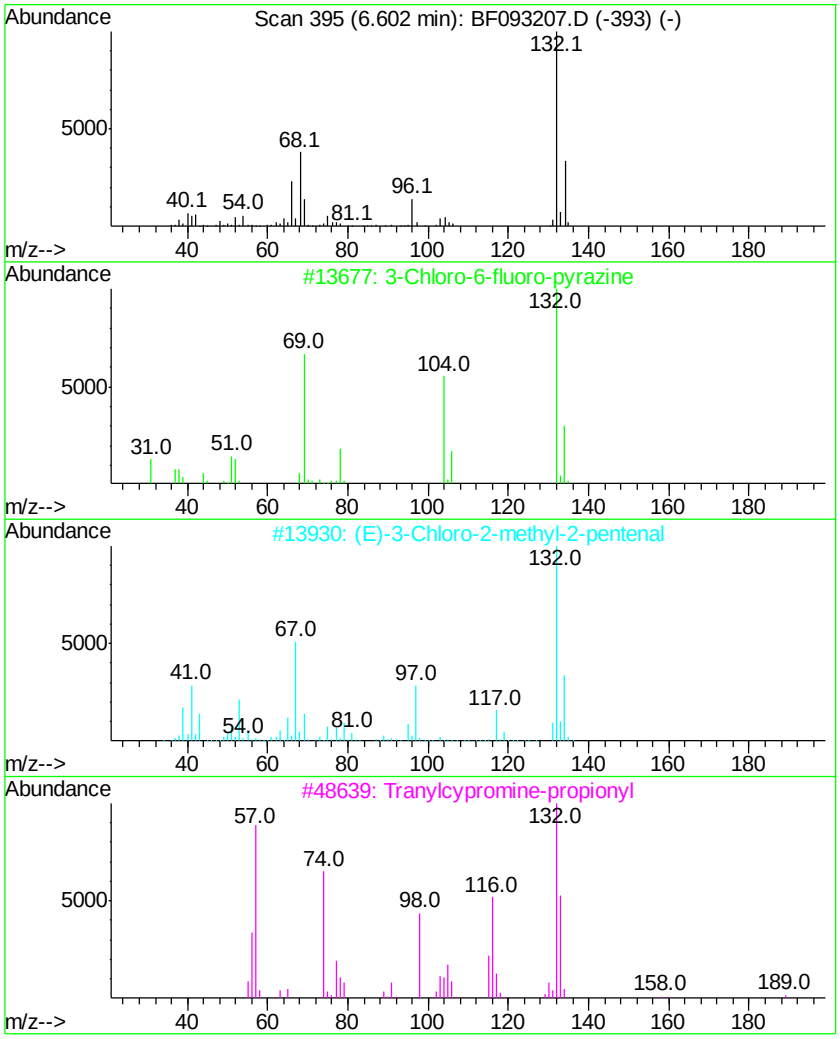
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

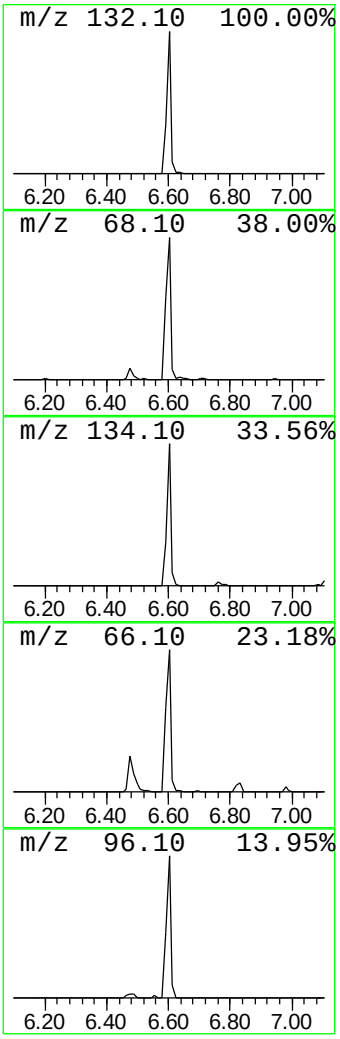
****

Peak Number 4 unknown6.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	10.17 ng	463596	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

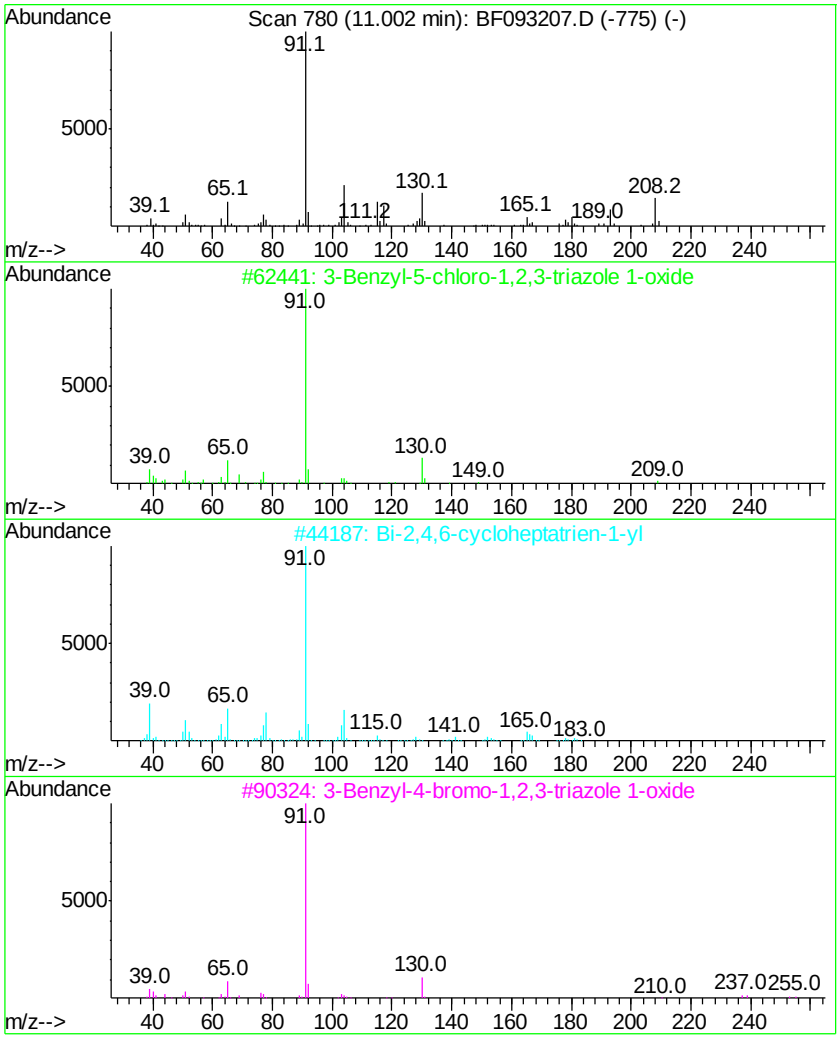
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

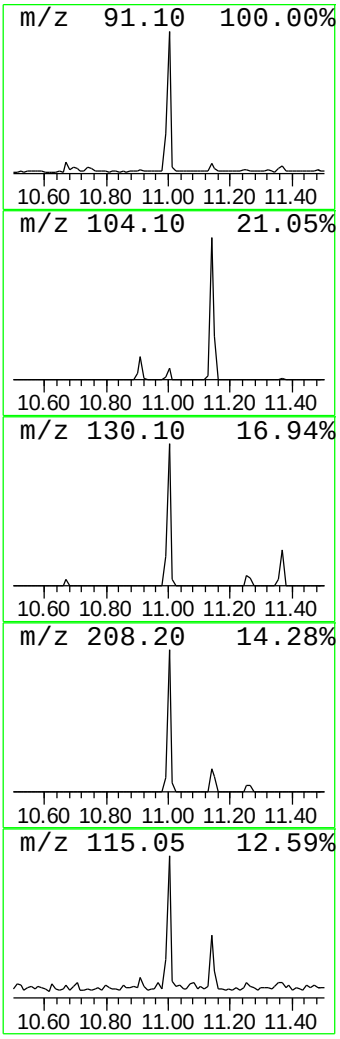
****

Peak Number 6 unknown11.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.97 ng	181159	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	38
2	Bi-2,4,6-cycloheptatrien-1-yl	182	C14H14	000831-18-5	32
3	3-Benzyl-4-bromo-1,2,3-triazole ...	253	C9H8BrN3O	1000099-47-9	22
4	Glycine, N-formyl-, phenylmethyl...	193	C10H11NO3	051354-16-6	22
5	N-Benzyl-1H-benzimidazole	208	C14H12N2	004981-92-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

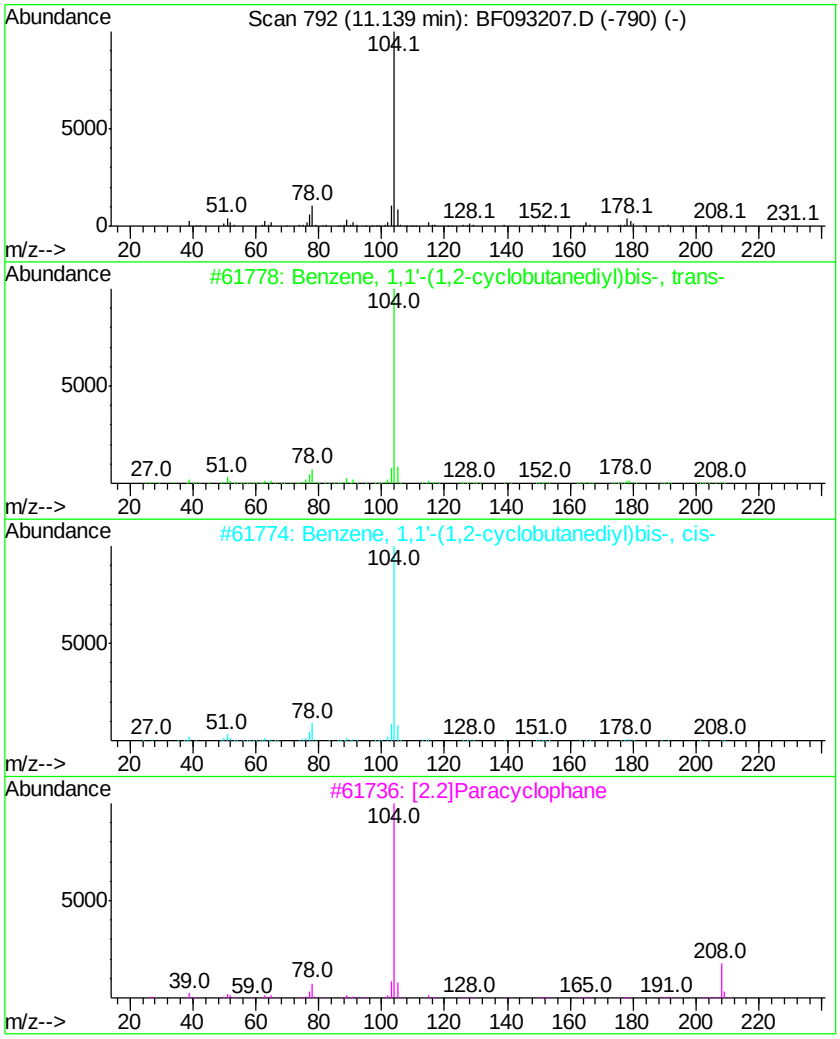
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

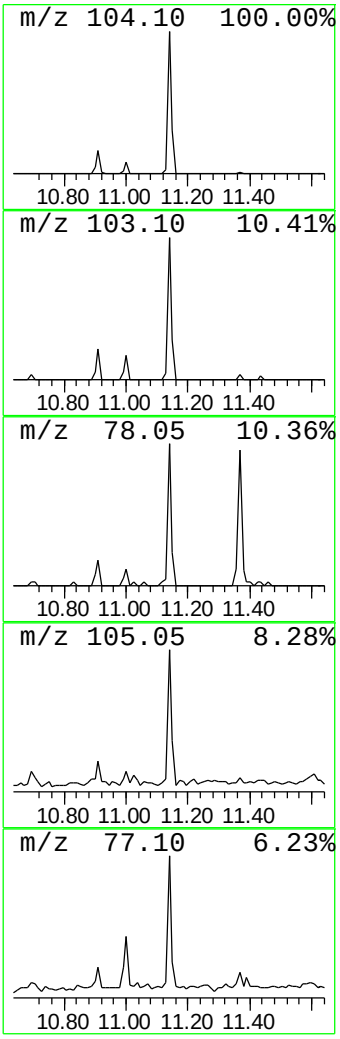
****

Peak Number 7 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.91 ng	224228	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	93
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	86
3	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
4	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	56
5	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

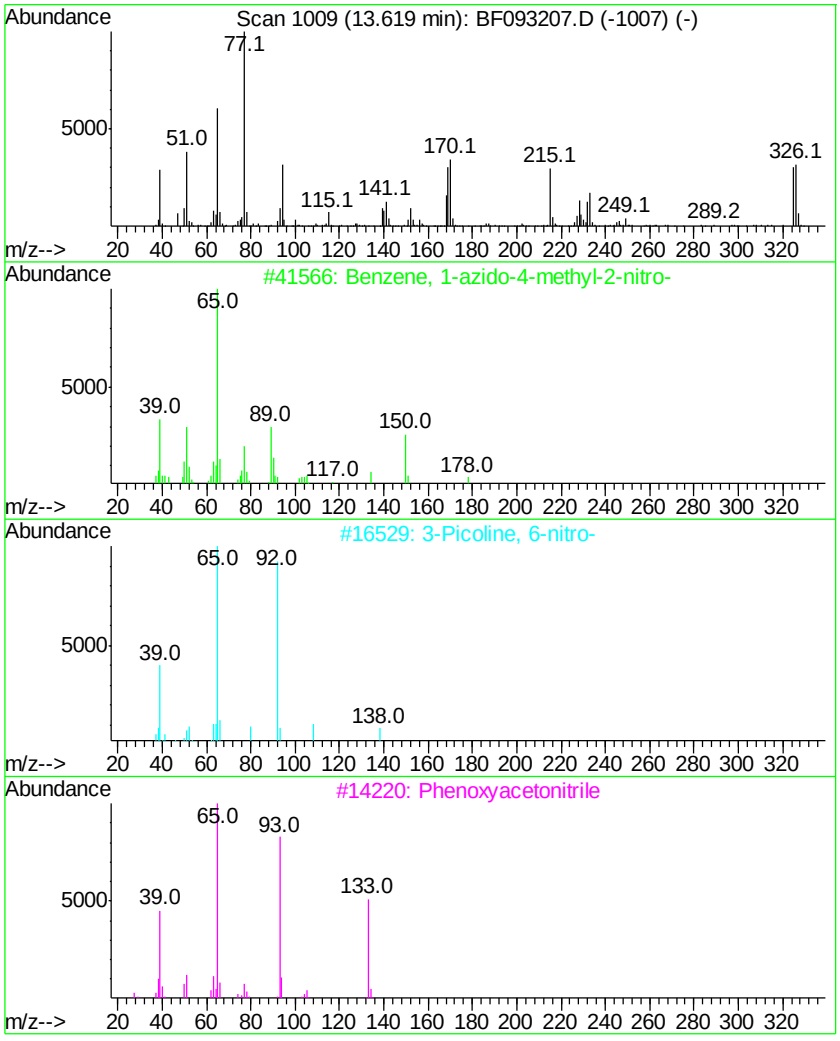
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

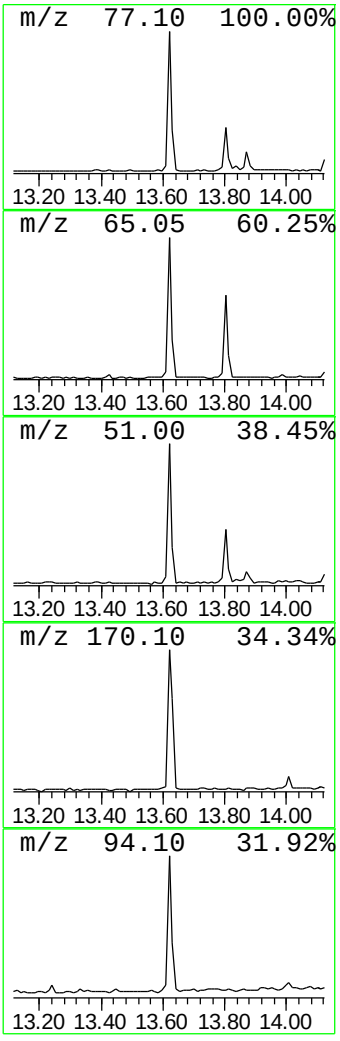
****

Peak Number 8 unknown13.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	10.74 ng	677246	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-azido-4-methyl-2-nitro-	178	C7H6N4O2	020615-75-2	17
2	3-Picoline, 6-nitro-	138	C6H6N2O2	001074-38-0	16
3	Phenoxyacetonitrile	133	C8H7NO	003598-14-9	12
4	Benzene, (ethylsulfonyl)-	170	C8H10O2S	000599-70-2	10
5	Cyclopropane-1,1-diphosphonic ac...	326	C12H24O6P2	1000159-28-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

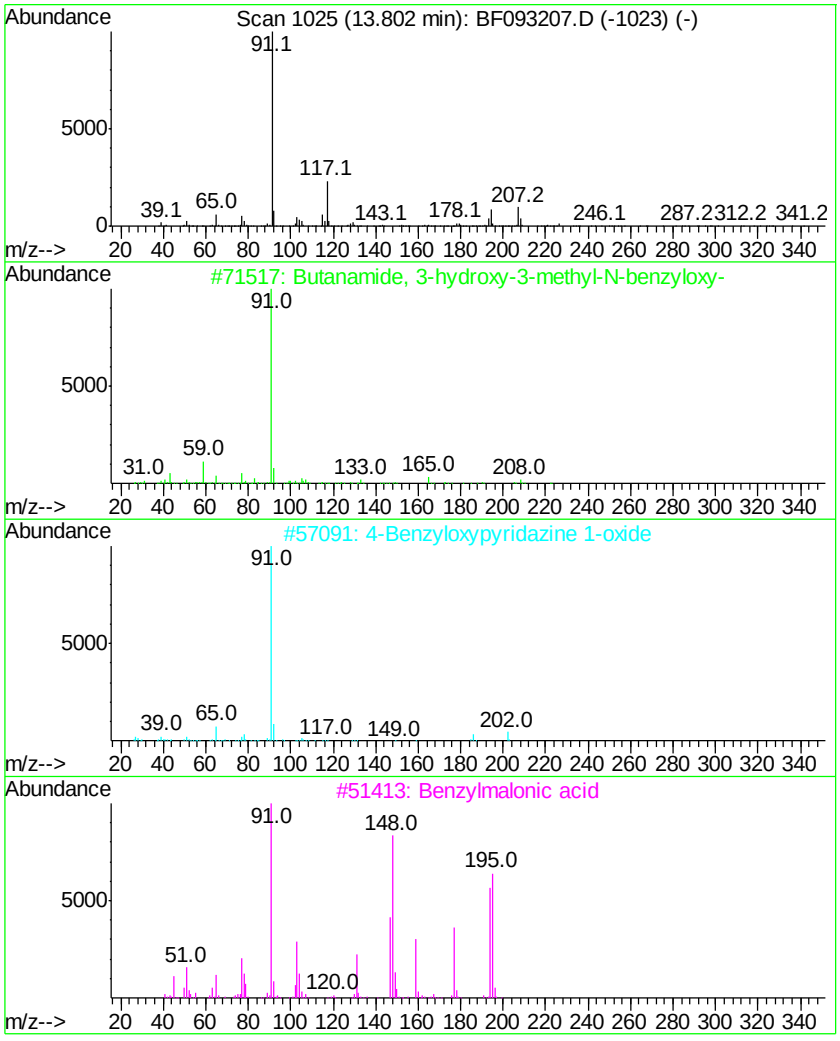
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

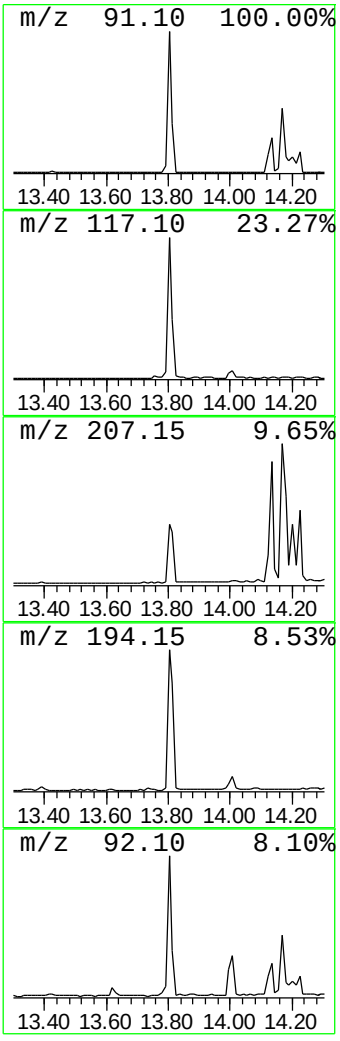
****

Peak Number 9 unknown13.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	15.11 ng	953055	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3-hydroxy-3-methyl-N...	223	C12H17NO3	1000185-71-6	10
2	4-Benzyloxypyridazine 1-oxide	202	C11H10N2O2	002096-53-9	10
3	Benzylmalonic acid	194	C10H10O4	000616-75-1	9
4	3-(2-Aminoethyl)-1-benzyl-5-meth...	280	C18H20N2O	1000260-05-8	9
5	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

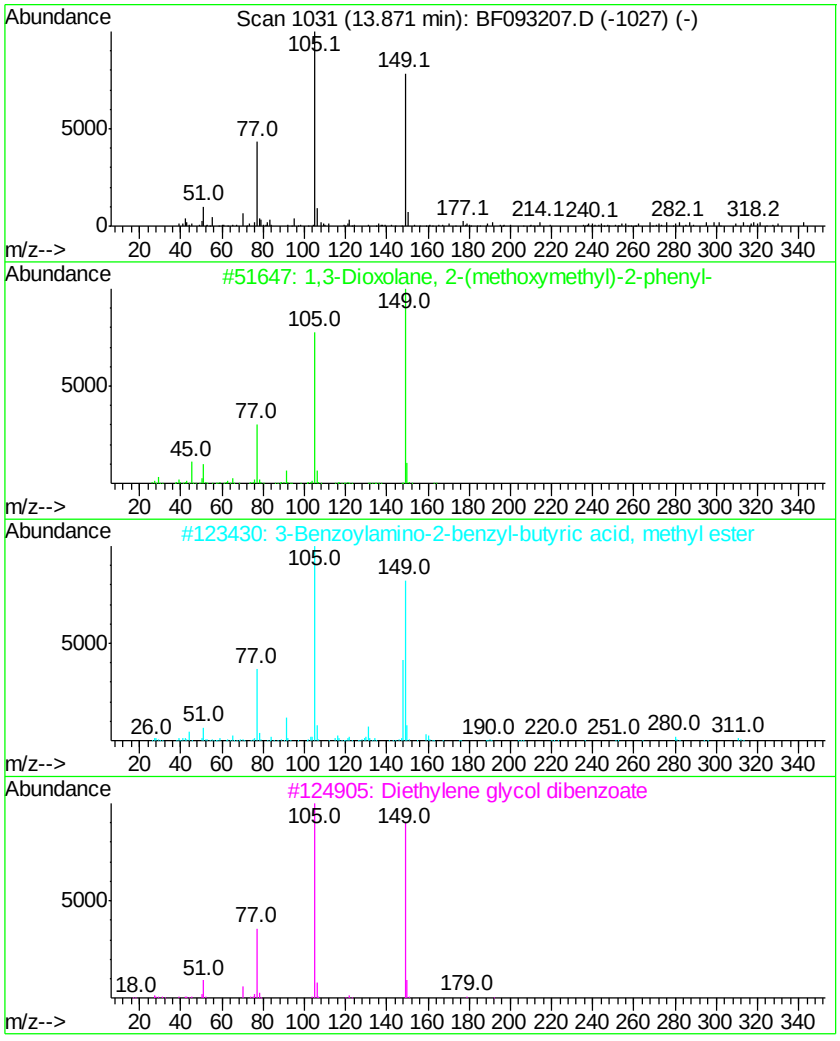
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

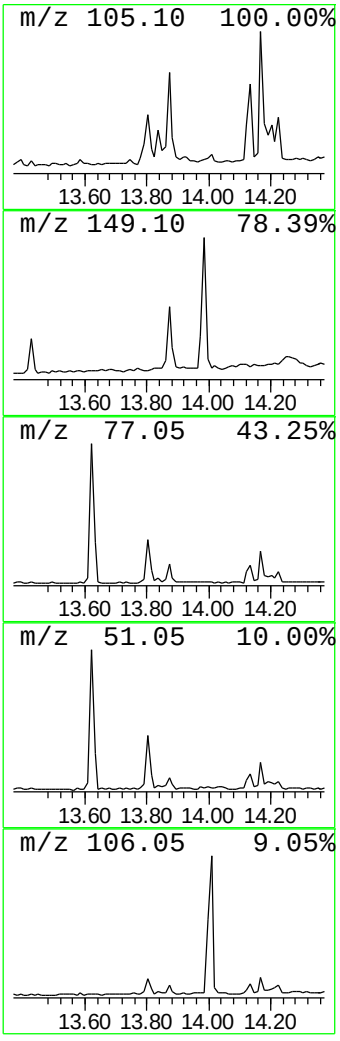
****

Peak Number 10 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.37 ng	149331	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	64
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	59
4	N'-(5,7-Dibromo-2-oxoindolin-3-y...	507	C20H19Br2N3O3	327033-93-2	38
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

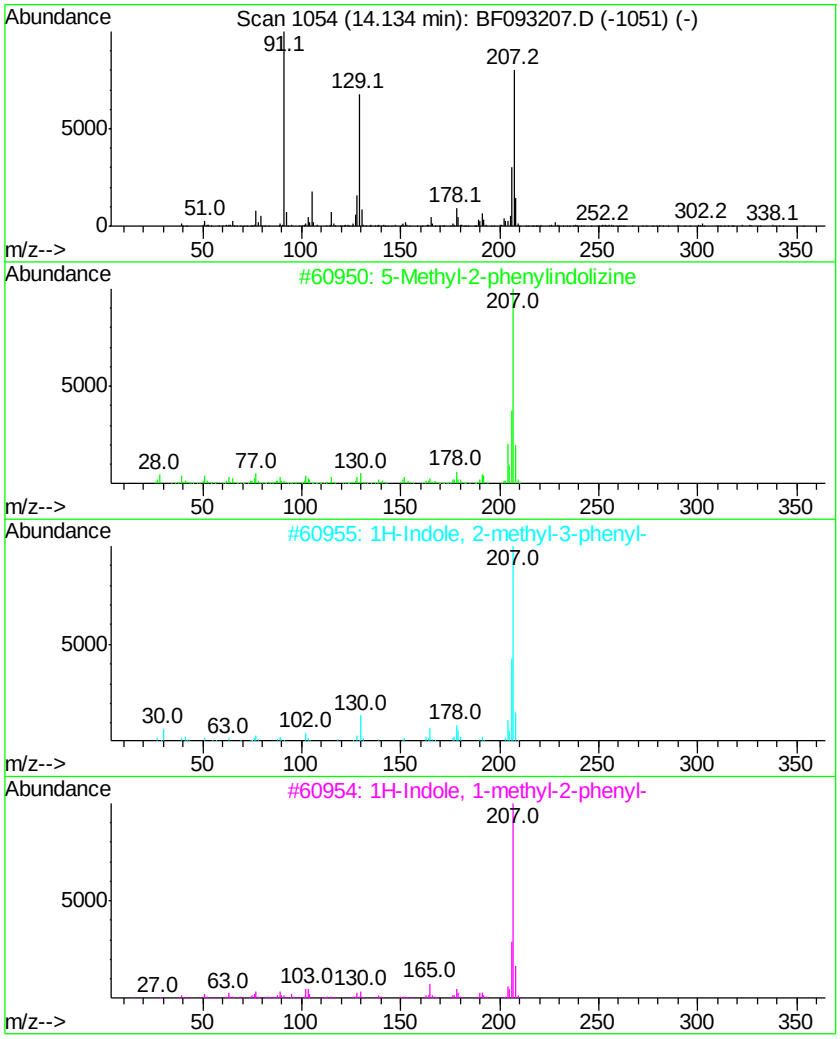
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

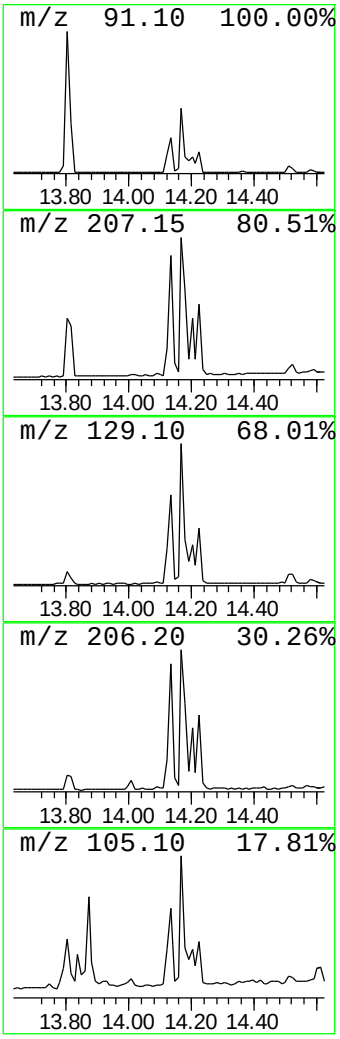
****

Peak Number 11 unknown14.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	7.95 ng	501616	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	49
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	49
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43
4	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	38
5	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	164589-37-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

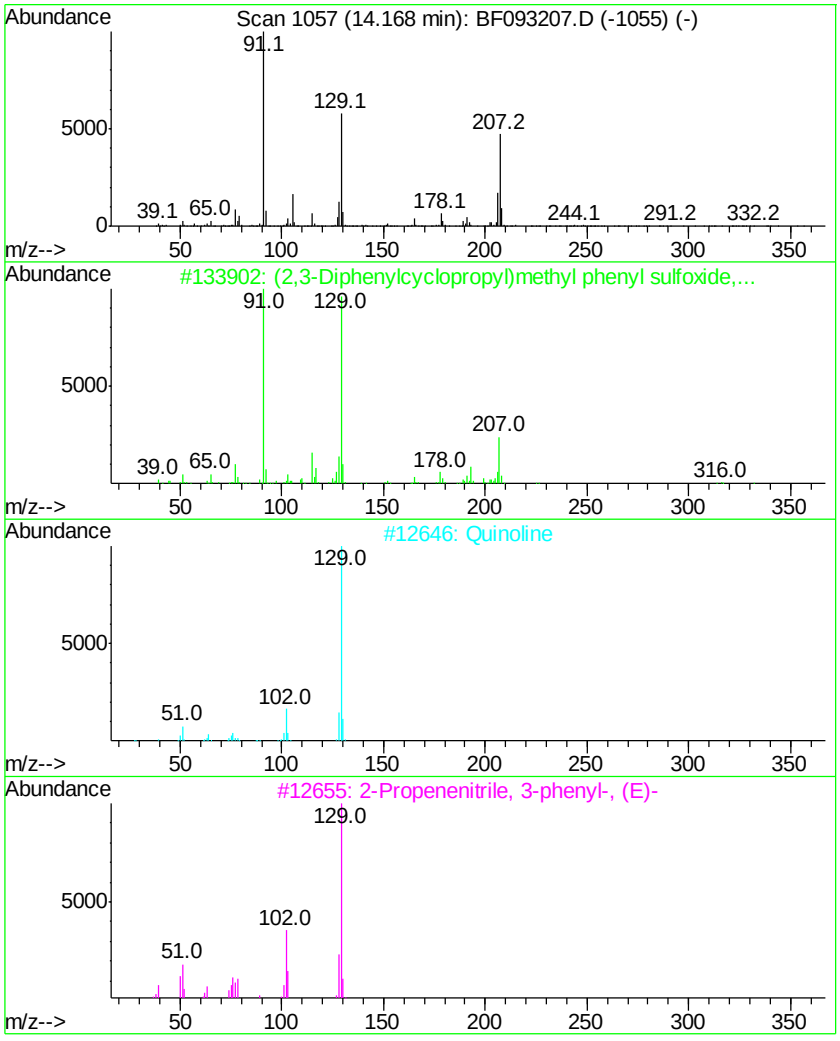
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

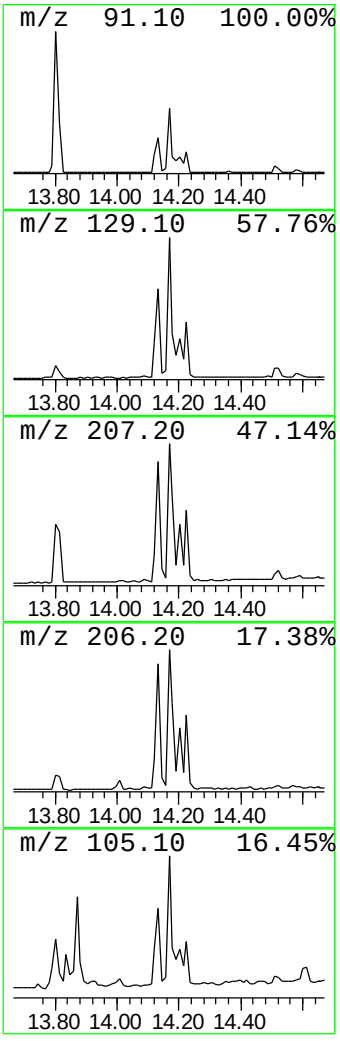
****

Peak Number 12 unknown14.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	11.67 ng	736415	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38
2	Quinoline	129	C9H7N	000091-22-5	18
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	14
4	4-Thiazolidinecarboxylic acid, 2...	203	C9H17NO2S	056595-21-2	10
5	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

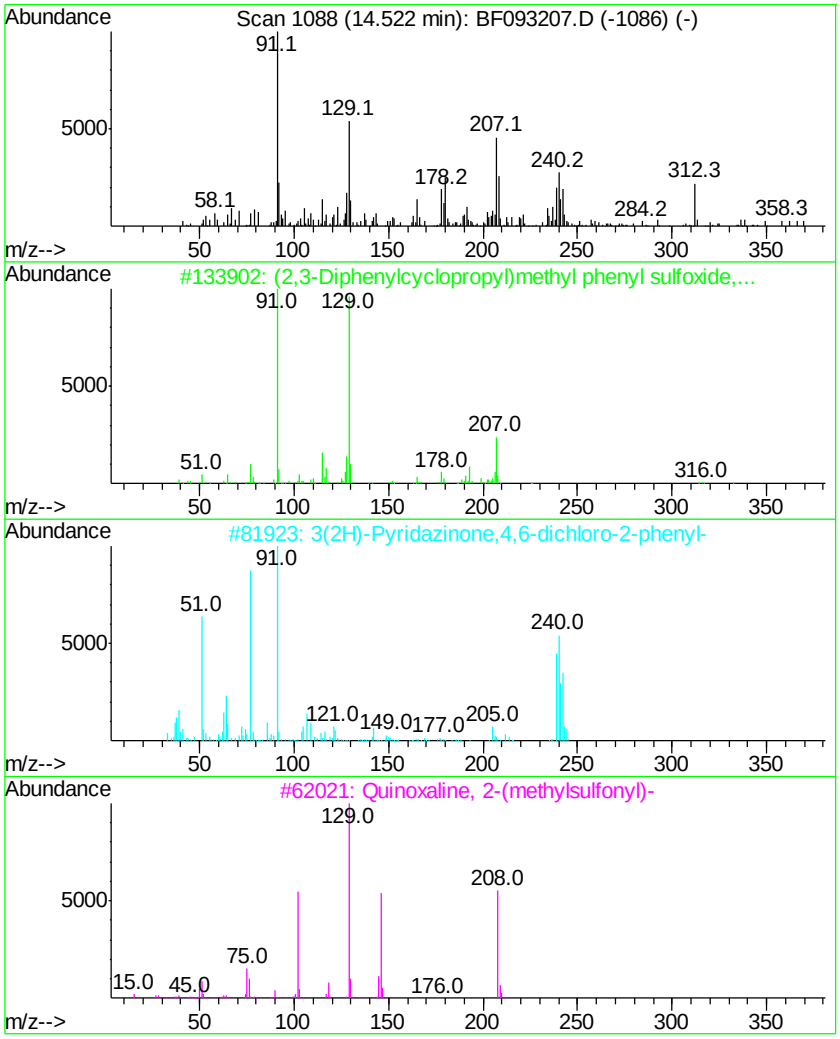
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

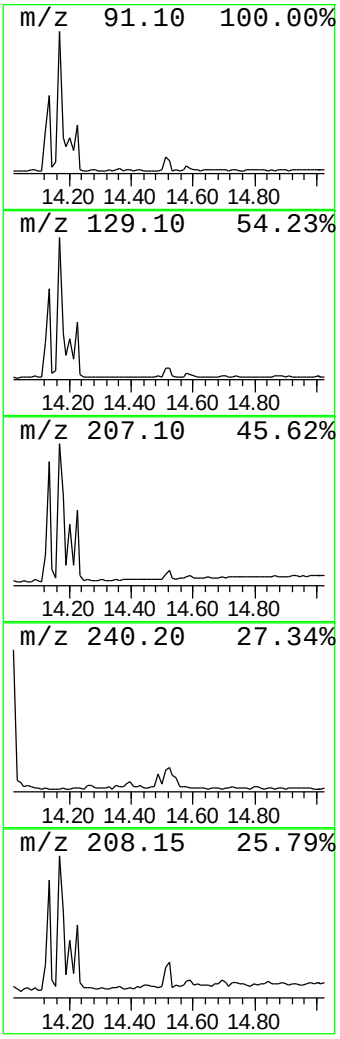
****

Peak Number 13 unknown14.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.40 ng	151632	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	12
2	3(2H)-Pyridazinone,4,6-dichloro-...	240	C10H6Cl2N2O	002568-51-6	11
3	Quinoxaline, 2-(methylsulfonyl)-	208	C9H8N2O2S	016310-37-5	10
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	9
5	Diethyl 3-chloro-2-hydroxypropyl...	252	C10H17ClO5	1000222-74-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

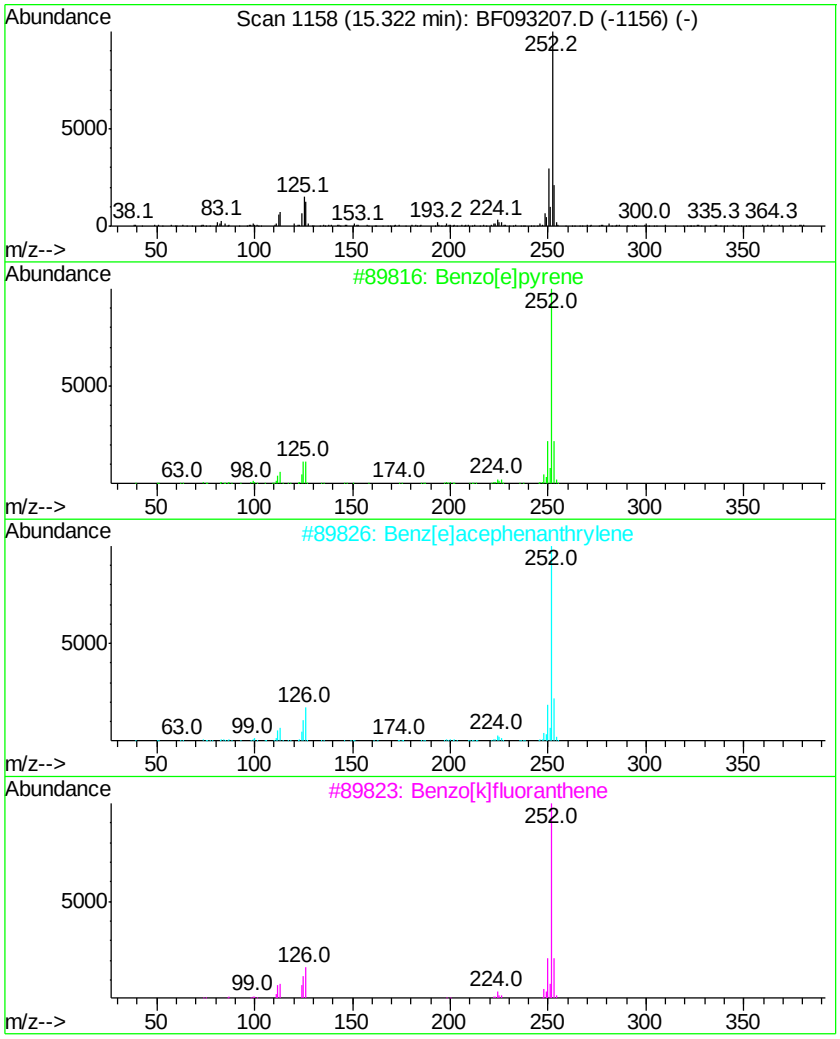
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

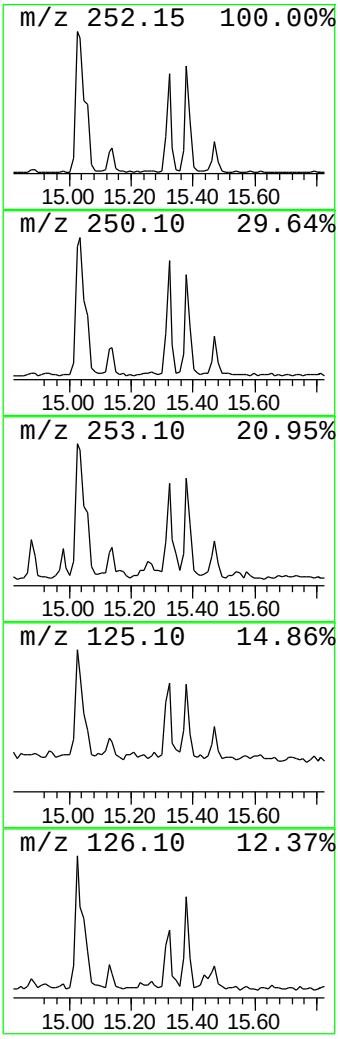
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.72 ng	146981	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093207.D
Acq On : 27 Feb 2017 14:26
Operator : SJ/MA
Sample : I1972-19 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	4.98	4.0	ng	180323	1	6.83	911316	20.0
Bicyclo[4.2.0]oct...	5.63	16.2	ng	737634	1	6.83	911316	20.0
unknown6.60	6.60	10.2	ng	463596	1	6.83	911316	20.0
unknown11.00	11.00	4.0	ng	181159	4	11.37	913075	20.0
Benzene, 1,1'-(1,...	11.14	4.9	ng	224228	4	11.37	913075	20.0
unknown13.62	13.62	10.7	ng	677246	5	14.01	1261690	20.0
unknown13.80	13.80	15.1	ng	953055	5	14.01	1261690	20.0
1,3-Dioxolane, 2-...	13.87	2.4	ng	149331	5	14.01	1261690	20.0
unknown14.13	14.13	8.0	ng	501616	5	14.01	1261690	20.0
unknown14.17	14.17	11.7	ng	736415	5	14.01	1261690	20.0
unknown14.52	14.52	2.4	ng	151632	5	14.01	1261690	20.0
Benzo[e]pyrene	15.32	3.7	ng	146981	6	15.44	790729	20.0