LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	244	246	253	rBV	208039	315829	12.00%	0.738%
2	5.333	282	284	287	rBV	1737285	1986850	75.51%	4.642%
3	5.733	317	319	322	rVB	28495	28605	1.09%	0.067%
4	6.396	374	377	385	rBV	1954864	2176366	82.72%	5.085%
5	6.510	385	387	390	rVB	2256270	2141329	81.38%	5.003%
6	6.739	404	407	409	rBV	587887	612592	23.28%	1.431%
7	6.864	416	418	419	rBV	86943	142857	5.43%	0.334%
8	6.887	419	420	423	rVV	1447593	1723091	65.49%	4.026%
9	7.013	427	431	435	rVV	66819	100063	3.80%	0.234%
10	7.082	435	437	438	rVV	48080	38433	1.46%	0.090%
11	7.173	442	445	449	rVB2	30148	43360	1.65%	0.101%
12	7.310	454	457	459	rBV	1486181	1503656	57.15%	3.513%
13	8.019	517	519	524	rBV2	702738	969650	36.85%	2.265%
14	8.739	579	582	584	rBV	160796	150042	5.70%	0.351%
15	8.830	585	590	593	rBV2	127743	151328	5.75%	0.354%
16	8.990	598	604	606	rBV3	19687	31108	1.18%	0.073%
17	9.105	611	614	616	rBV	1959452	2302287	87.50%	5.379%
18	9.196	618	622	625	rBV2	38203	61666	2.34%	0.144%
19	9.299	629	631	634	rVB	19769	27395	1.04%	0.064%
20	9.367	634	637	639	rBV	49305	68589	2.61%	0.160%
21	9.436	641	643	644	rBV	100287	95005	3.61%	0.222%
22	9.459	644	645	647	rVB	54871	44945	1.71%	0.105%
23	9.493	647	648	650	rBV	171798	189221	7.19%	0.442%
24	9.550	650	653	656	rVB	50954	48407	1.84%	0.113%
25	9.630	658	660	663	rVB	52992	63818	2.43%	0.149%
26	9.710	665	667	669	rBV	52088	42326	1.61%	0.099%
27	9.779	670	673	674	rBV	528620	688682	26.17%	1.609%
28	9.802	674	675	678	rVB	231892	231205	8.79%	0.540%
29	9.882	680	682	684	rVB2	25465	36845	1.40%	0.086%
30	9.928	684	686	689	rBV2	31341	71763	2.73%	0.168%
31	9.973	689	690	693	rVV	145779	191678	7.28%	0.448%
32	10.019	693	694	697	rVB2	35611	36125	1.37%	0.084%
33	10.088	699	700	702	rBV	28599	34958	1.33%	0.082%
34	10.122	702	703	706	rVB	30793	26952	1.02%	0.063%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.179	706	708	709	rBV	37801	46005	1.75%	0.107%
36	10.202	709	710	713	rVB3	47674	64513	2.45%	0.151%
37	10.270	713	716	719	rBV5	11104	30426	1.16%	0.071%
38	10.316	719	720	723	rVB	226712	248766	9.45%	0.581%
39	10.385	723	726	727	rBV	48359	70162	2.67%	0.164%
40	10.430	727	730	733	rVV3	73727	151649	5.76%	0.354%
41	10.476	733	734	736	rVB	92476	81336	3.09%	0.190%
42	10.568	739	742	744	rVV	1215594	1238985	47.09%	2.895%
43	10.636	744	748	750	rVV	156136	188734	7.17%	0.441%
44	10.682	750	752	756	rVB2	99108	147736	5.61%	0.345%
45	10.865	765	768	770	rBV2	62775	112340	4.27%	0.262%
46	10.933	772	774	777	rVB3	31931	52227	1.98%	0.122%
47	11.002	777	780	784	rBV4	42056	121974	4.64%	0.285%
48	11.070	784	786	788	rVB	123096	105772	4.02%	0.247%
49	11.116	788	790	792	rBV2	65716	140526	5.34%	0.328%
50	11.150	792	793	797	rVB	147680	148363	5.64%	0.347%
51	11.288	800	805	806	rBV2	1955543	2631141	100.00%	6.147%
52	11.333	806	809	811	rVV	629579	557789	21.20%	1.303%
53	11.368	811	812	815	rVV	74997	80810	3.07%	0.189%
54	11.493	820	823	827	rVV2	314468	372545	14.16%	0.870%
55	11.551	827	828	830	rVV2	63586	72272	2.75%	0.169%
56	11.596	830	832	834	rVB3	46450	77402	2.94%	0.181%
57	11.722	840	843	844	rBV3	30933	55629	2.11%	0.130%
58	11.756	844	846	847	rVV	255985	247927	9.42%	0.579%
59	11.791	847	849	851	rVV	536421	574209	21.82%	1.342%
60	11.836	851	853	854	rVV2	147882	194638	7.40%	0.455%
61	11.871	854	856	861	rVB2	390799	585926	22.27%	1.369%
62	11.939	861	862	863	rBV	47432	54344	2.07%	0.127%
63	12.053	870	872	874	rBV	169633	146581	5.57%	0.342%
64	12.088	874	875	877	rVB	151799	114082	4.34%	0.267%
65	12.202	883	885	887	rBV2	69783	92872	3.53%	0.217%
66	12.236	887	888	892	rVB	62704	89836	3.41%	0.210%
67	12.305	892	894	896	rBV	145698	188603	7.17%	0.441%
68	12.351	896	898	900	rVV2	90998	125625	4.77%	0.294%
69	12.396	900	902	906	rVB2	104453	121023	4.60%	0.283%
70	12.476	906	909	911	rBV	2017801	2028338	77.09%	4.739%
71	12.579	916	918	920	rVV2	116358	139680	5.31%	0.326%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.614	920	921	923	rVB2	82088	84707	3.22%	0.198%
73	12.705	925	929	931	rBV2	1493509	2004543	76.19%	4.683%
74	12.751	931	933	936	rVB3	93991	139390	5.30%	0.326%
75	12.842	937	941	945	rBV	1708456	1844227	70.09%	4.309%
76	12.922	945	948	950	rBV2	152977	286573	10.89%	0.670%
77	13.025	953	957	959	rBV3	284947	439267	16.69%	1.026%
78	13.094	959	963	964	rBV2	195303	256242	9.74%	0.599%
79	13.128	964	966	970	rVV2	228889	363763	13.83%	0.850%
80	13.219	973	974	976	rVV	101328	128183	4.87%	0.299%
81	13.254	976	977	981	rVB2	139324	160353	6.09%	0.375%
82	13.414	989	991	993	rBV3	73084	158594	6.03%	0.371%
83	13.539	1001	1002	1004	rVB	199213	168508	6.40%	0.394%
84	13.642	1009	1011	1012	rBV	175851	228136	8.67%	0.533%
85	13.745	1019	1020	1023	rBV2	251117	260478	9.90%	0.609%
86	13.894	1029	1033	1035	rBV3	1187961	2601050	98.86%	6.077%
87	13.928	1035	1036	1037	rVB	869652	613476	23.32%	1.433%
88	14.282	1062	1067	1073	rBV2	399644	1333018	50.66%	3.114%
89	14.911	1119	1122	1126	rBV	642073	1294797	49.21%	3.025%
90	15.185	1144	1146	1149	rVB	312465	418377	15.90%	0.977%
91	15.242	1149	1151	1154	rVV	438418	678428	25.78%	1.585%
92	15.299	1154	1156	1163	rVB2	375600	827141	31.44%	1.933%
93	16.648	1272	1274	1278	rVB	206688	388239	14.76%	0.907%
94	17.060	1308	1310	1315	rVB	133525	245898	9.35%	0.575%

Sum of corrected areas: 42801200

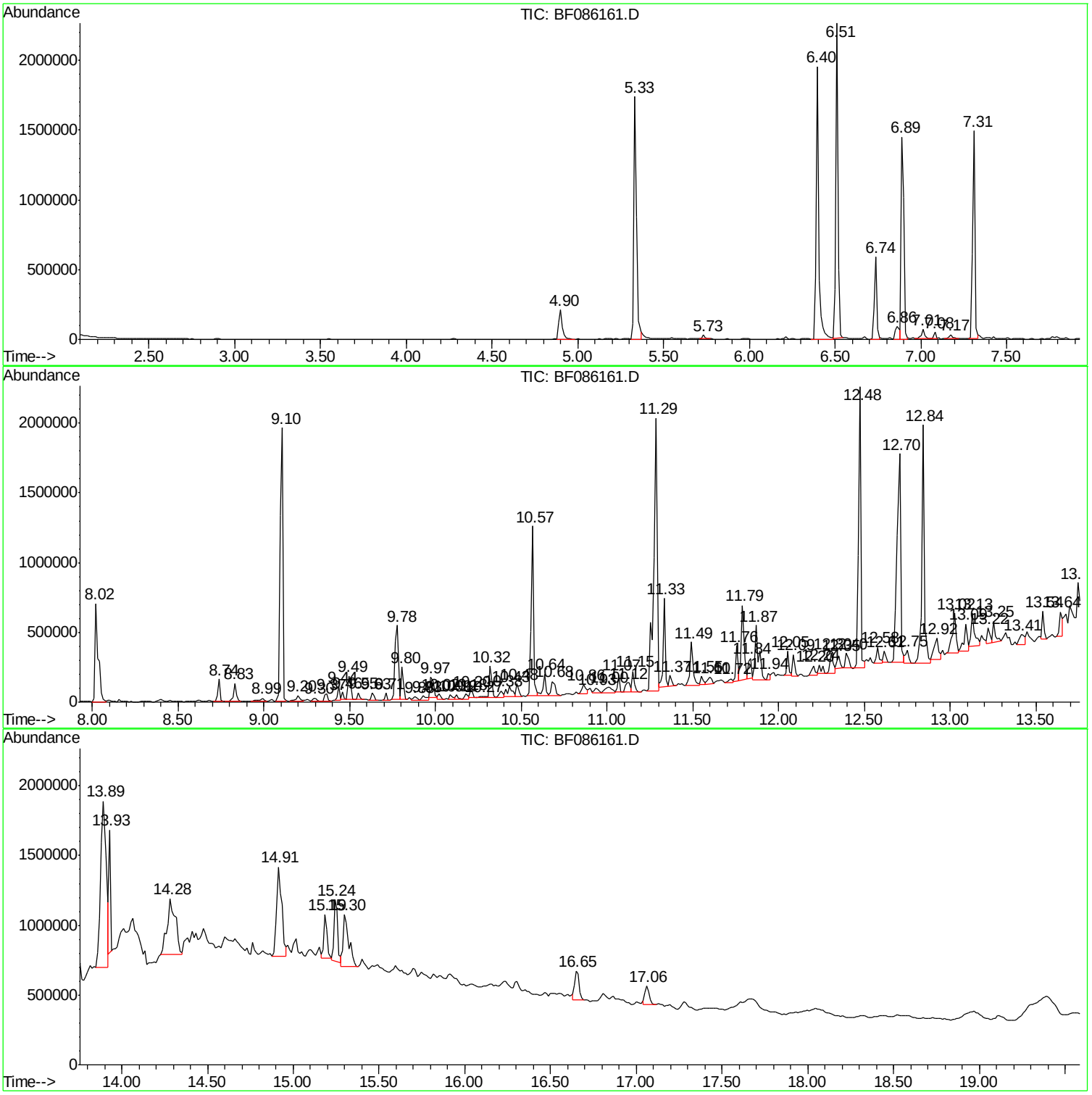
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

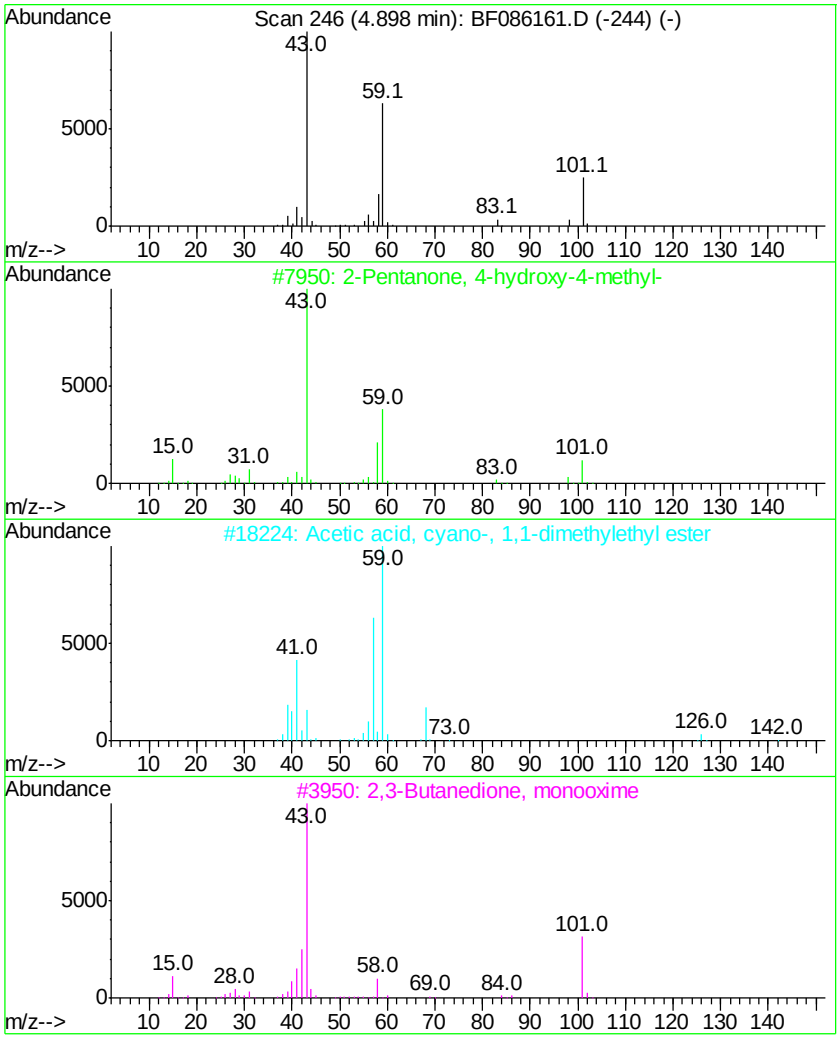
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

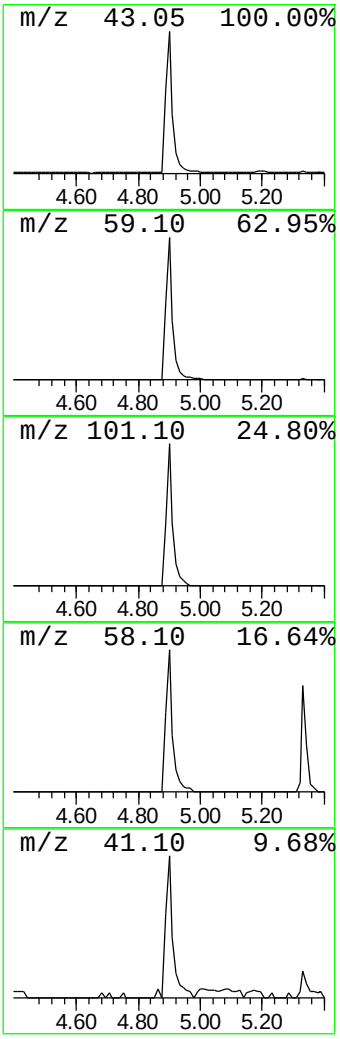
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	10.31 ng	315829	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

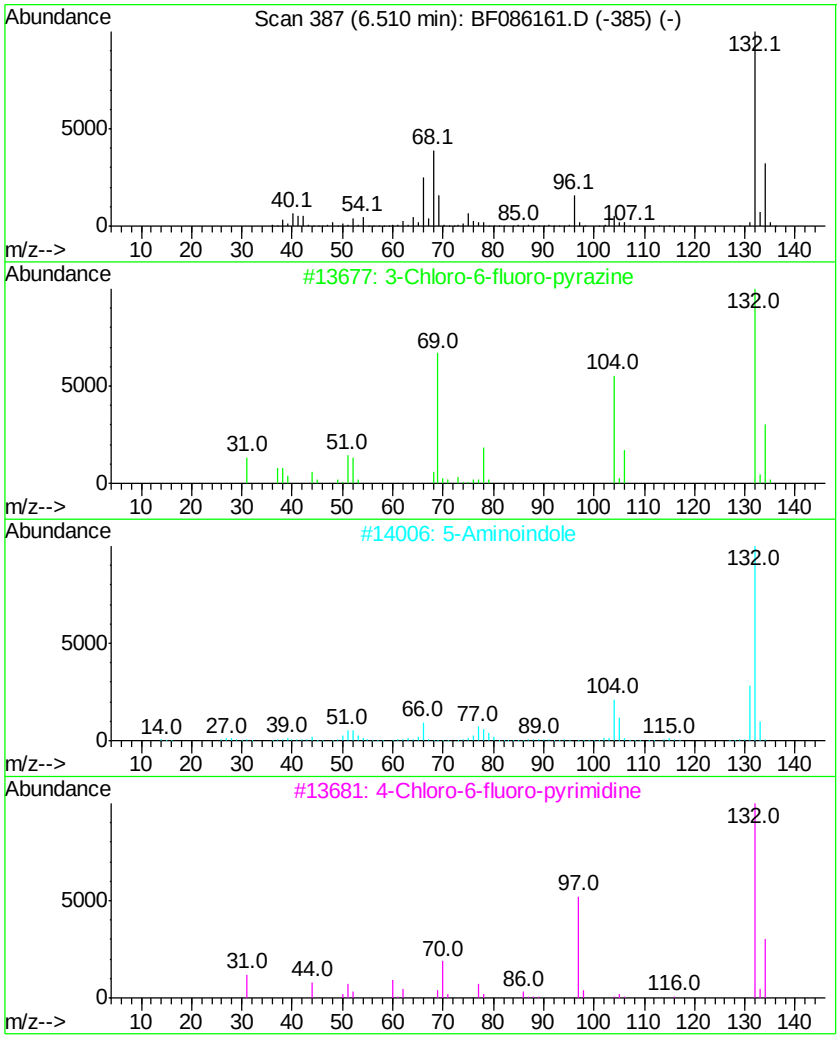
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

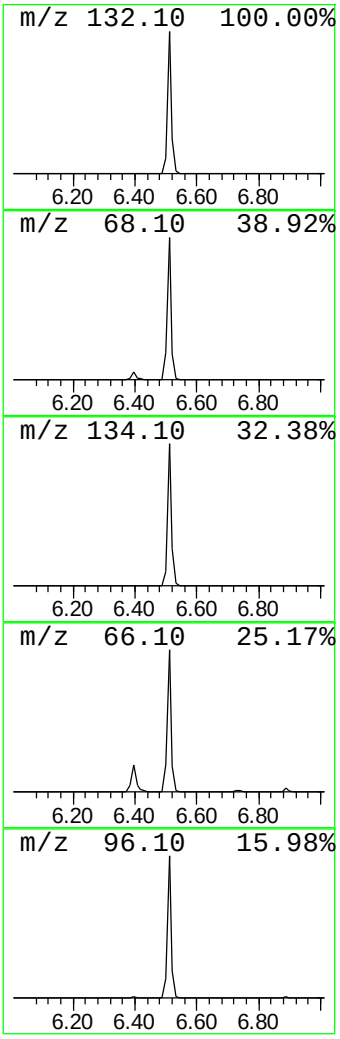
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	69.91 ng	2141330	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

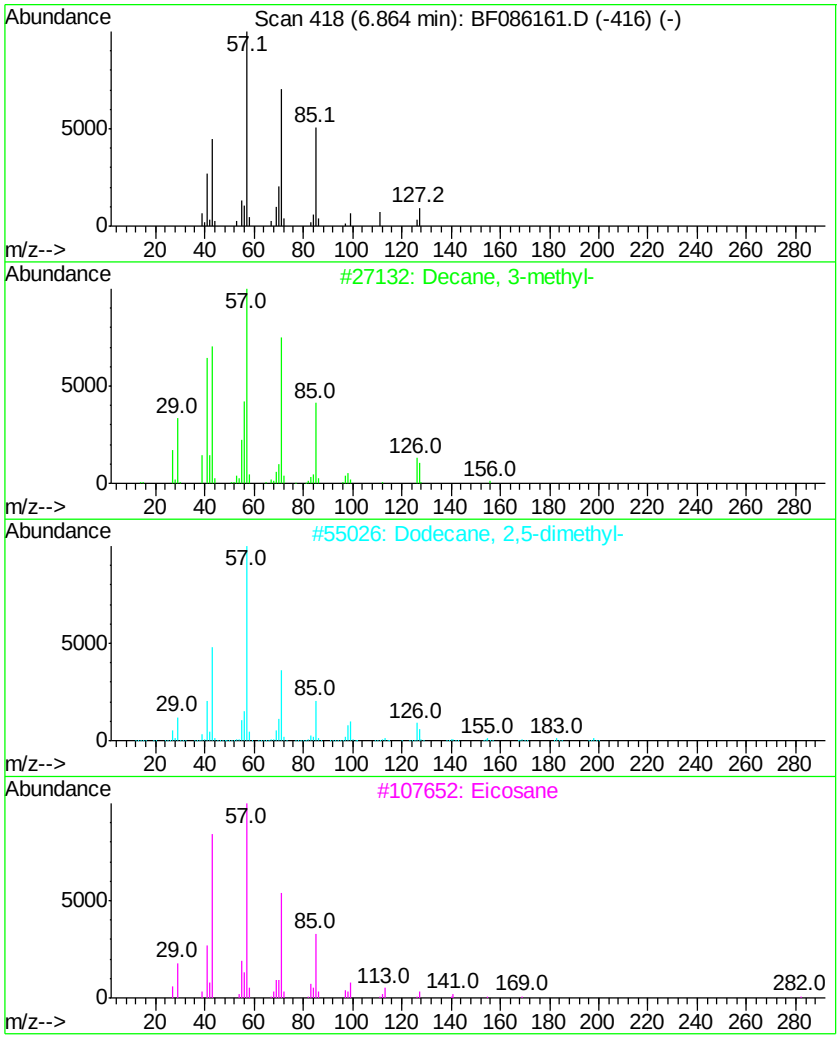
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

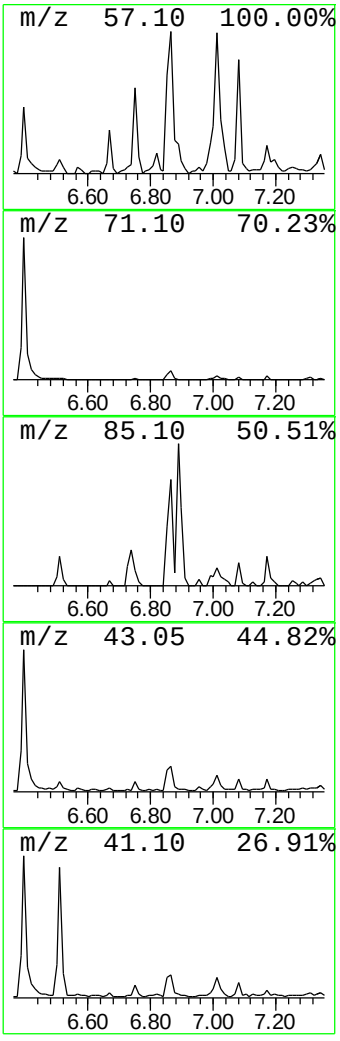
****

Peak Number 3 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.66 ng	142857	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
3	Eicosane	282	C20H42	000112-95-8	50
4	Tridecane	184	C13H28	000629-50-5	50
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

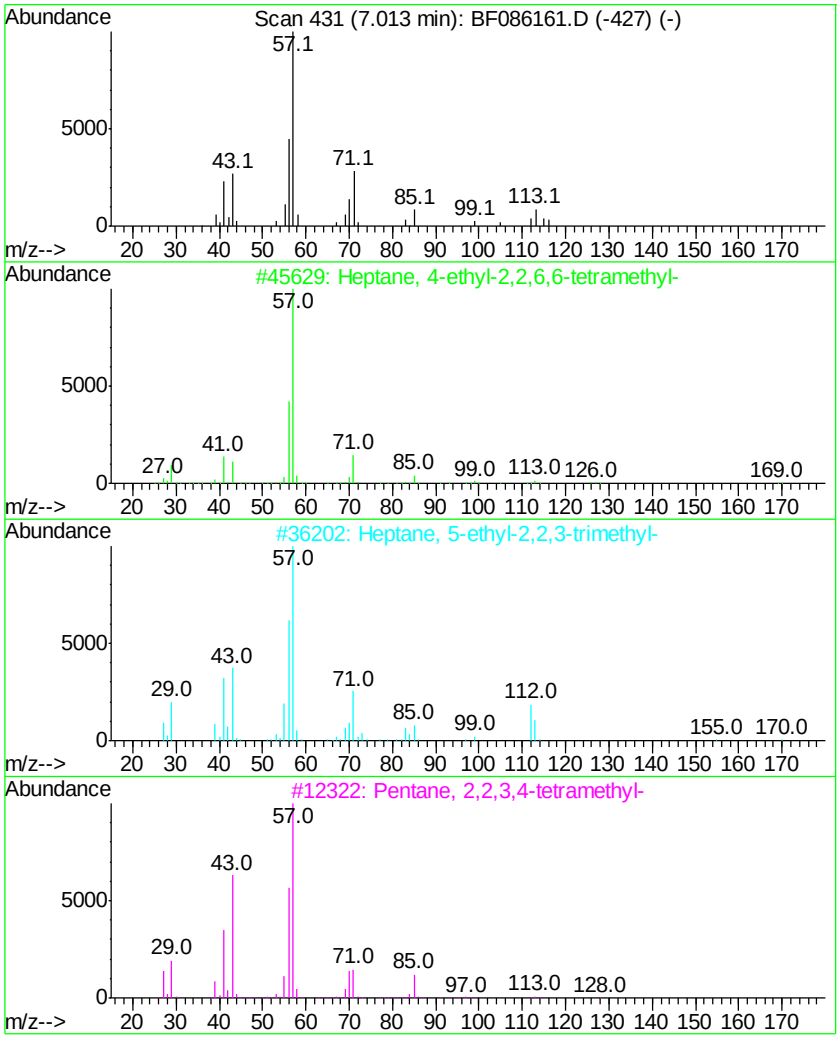
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

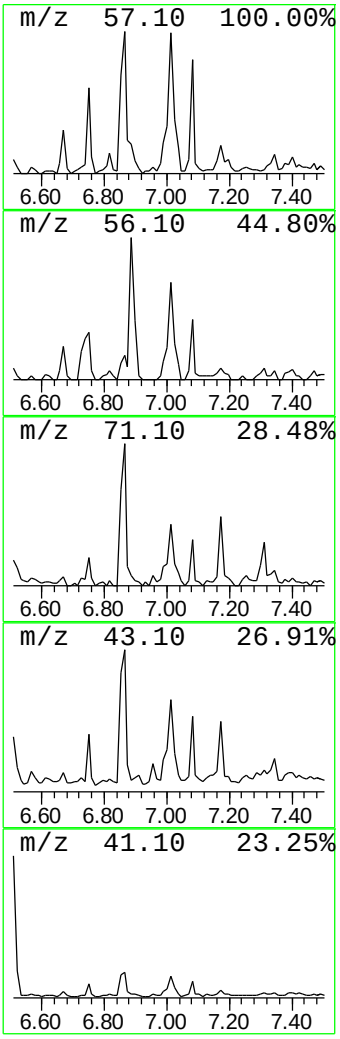
****

Peak Number 5 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	3.27 ng	100063	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

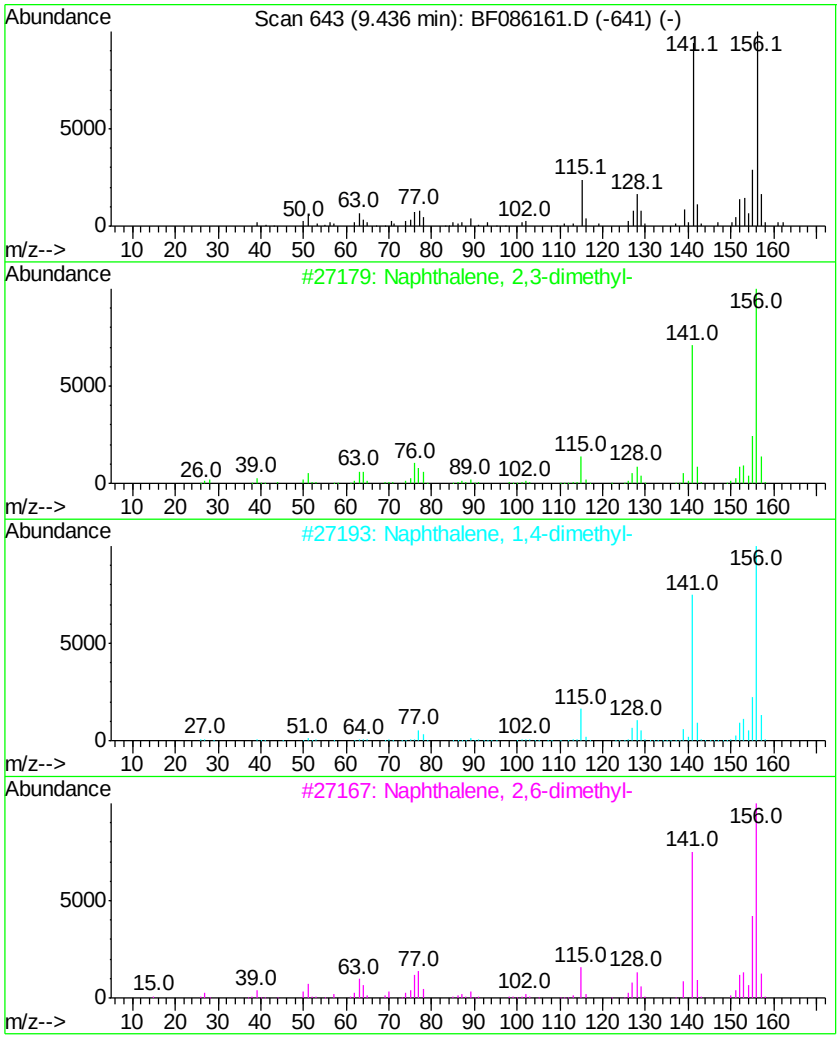
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

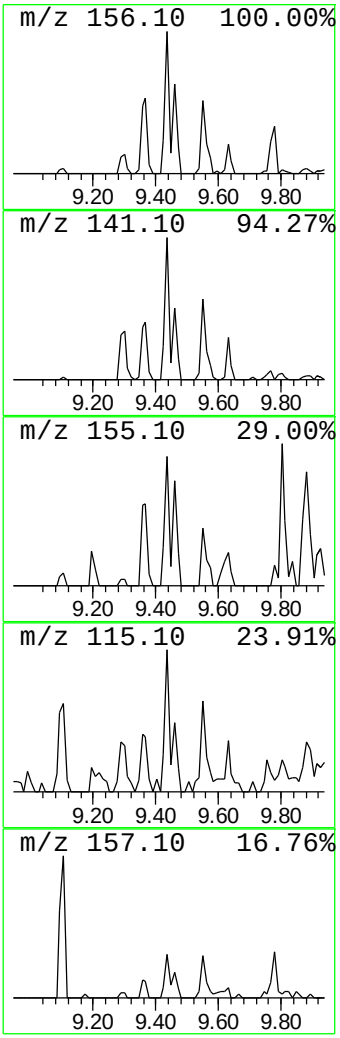
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.76 ng	95005	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

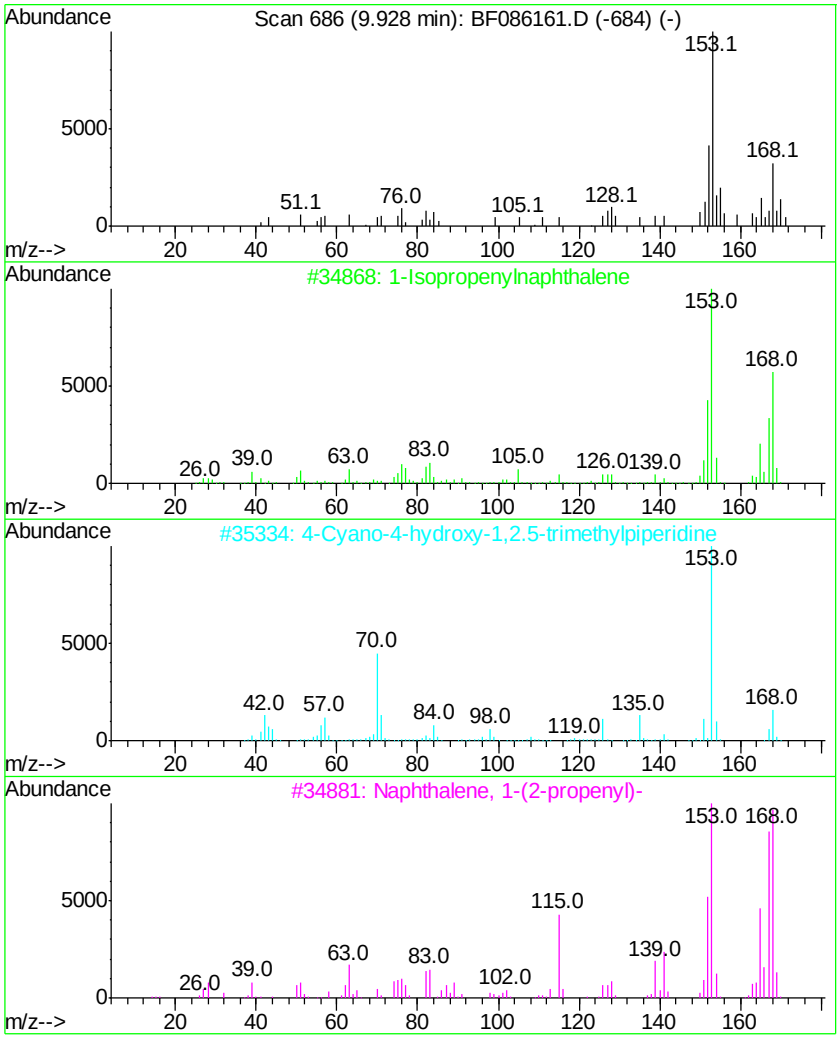
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

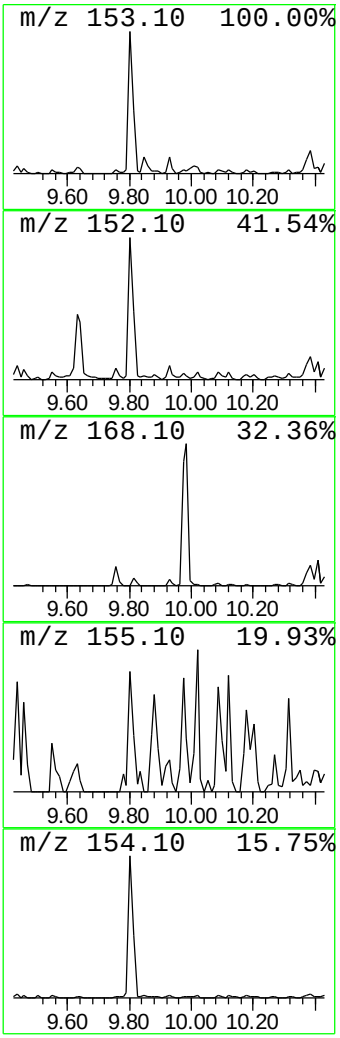
****

Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.08 ng	71763	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	4-Cyano-4-hydroxy-1,2.5-trimethy...	168	C9H16N2O	051871-79-5	43
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	42
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	40
5	2(1H)-Pyridinethione, 1-ethyl-6-...	153	C8H11NS	019006-73-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

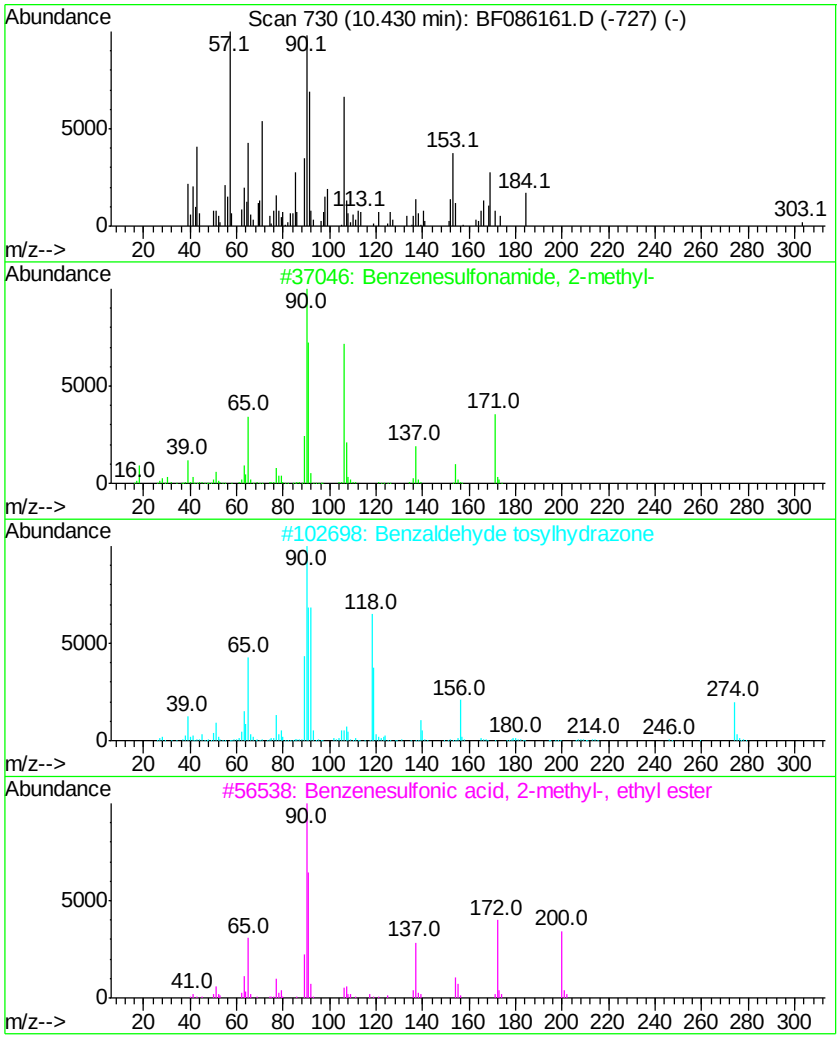
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

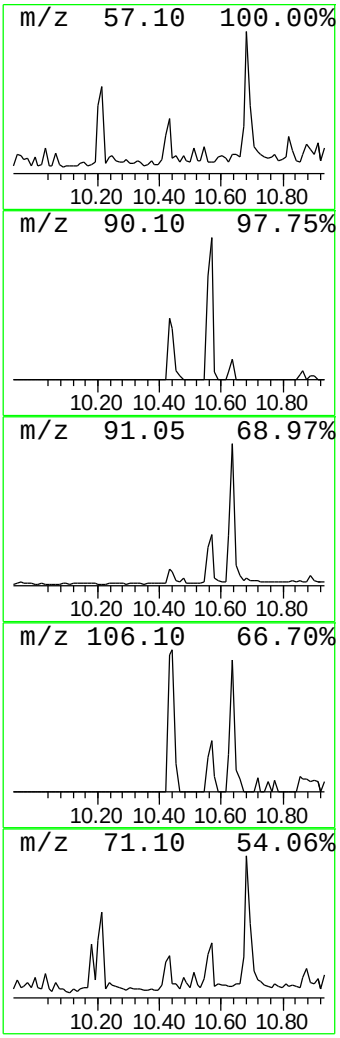
****

Peak Number 10 Benzenesulfonamide, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	4.40 ng	151649	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	74
2	Benzaldehyde tosylhydrazone	274	C14H14N2O2S	001666-17-7	45
3	Benzenesulfonic acid, 2-methyl-,...	200	C9H12O3S	059222-96-7	45
4	1,3,5-Norcaratriene	90	C7H6	004646-69-9	43
5	2-Bromophenyl isocyanate	197	C7H4BrNO	001592-00-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

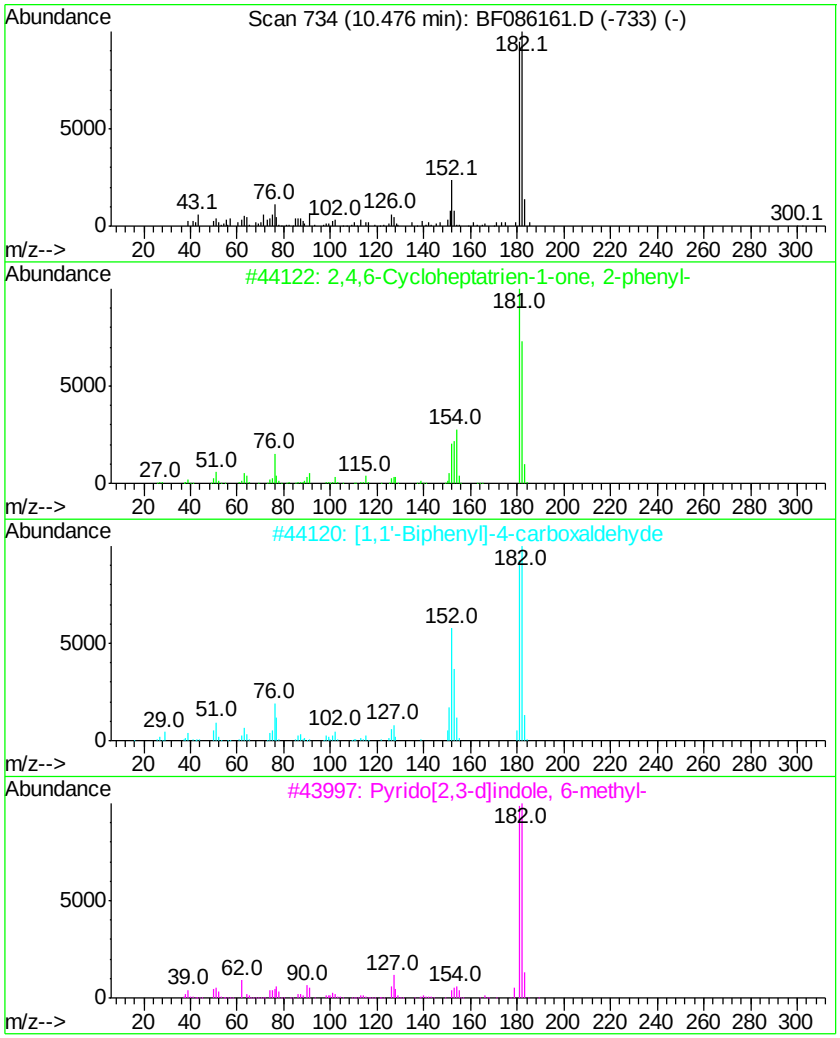
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

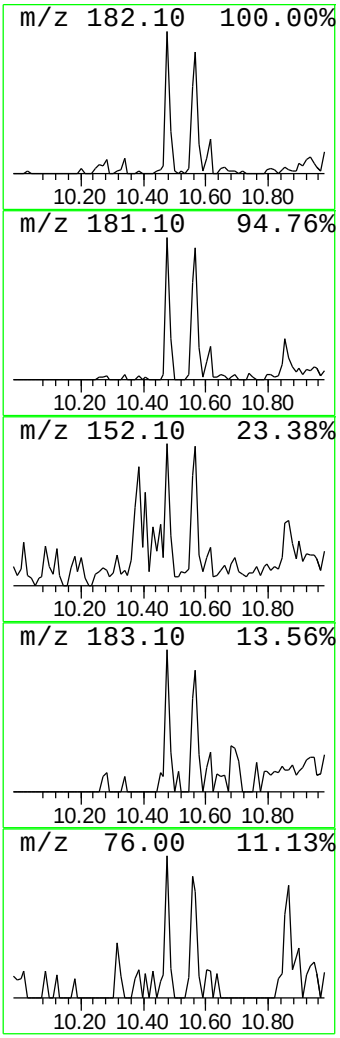
****

Peak Number 11 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.36 ng	81336	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

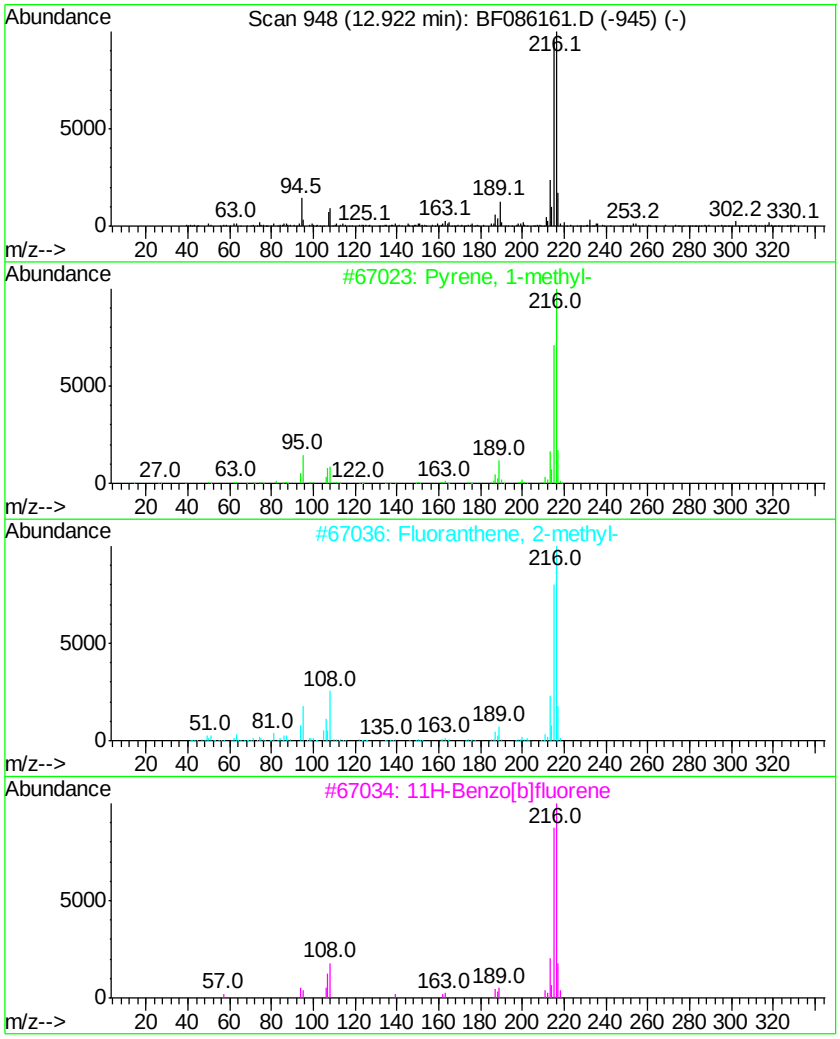
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

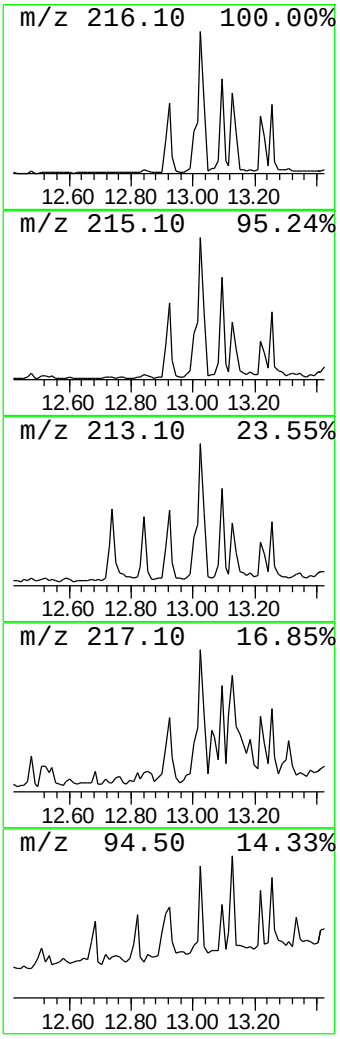
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.20 ng	286573	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

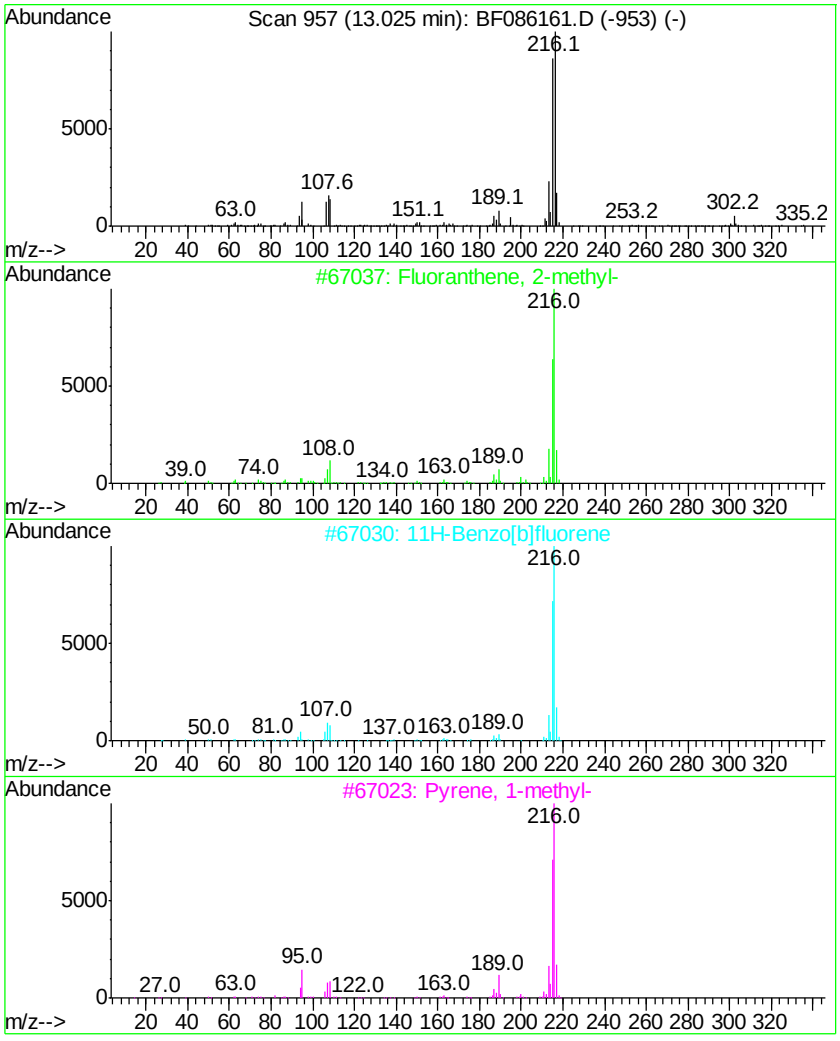
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

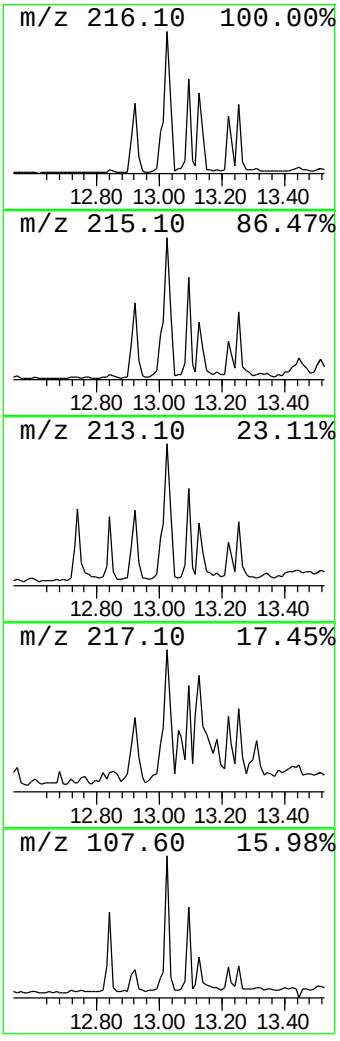
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.38 ng	439267	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

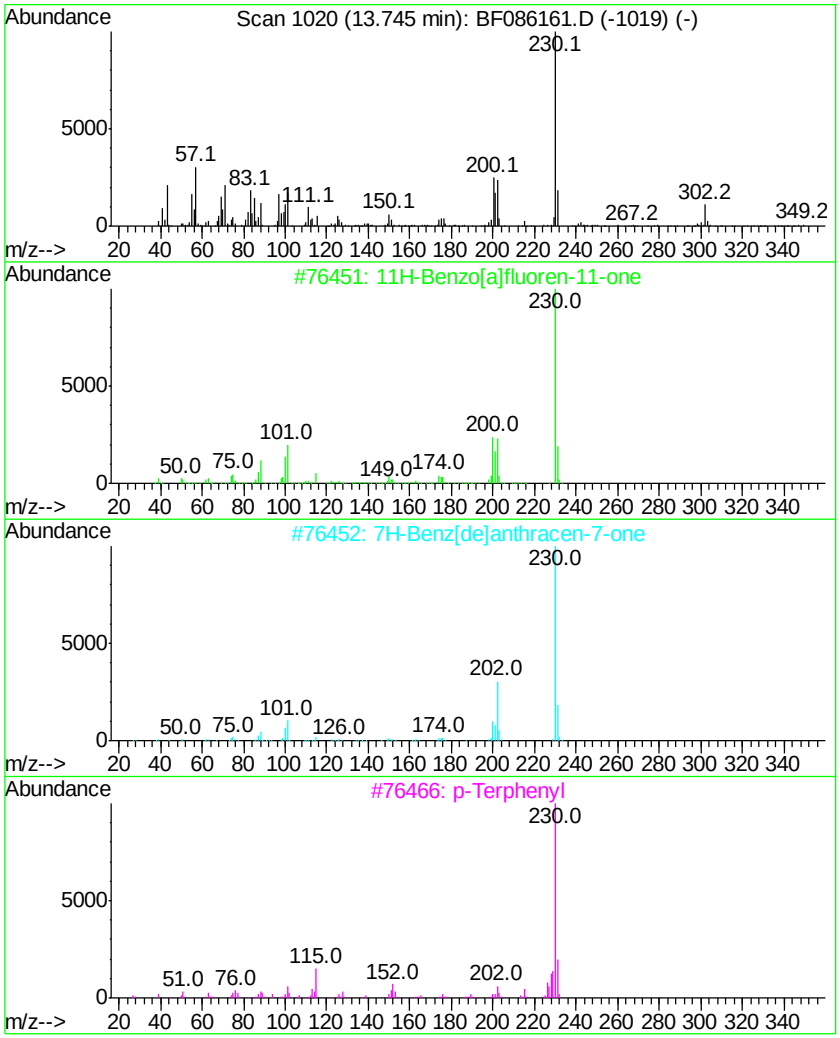
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

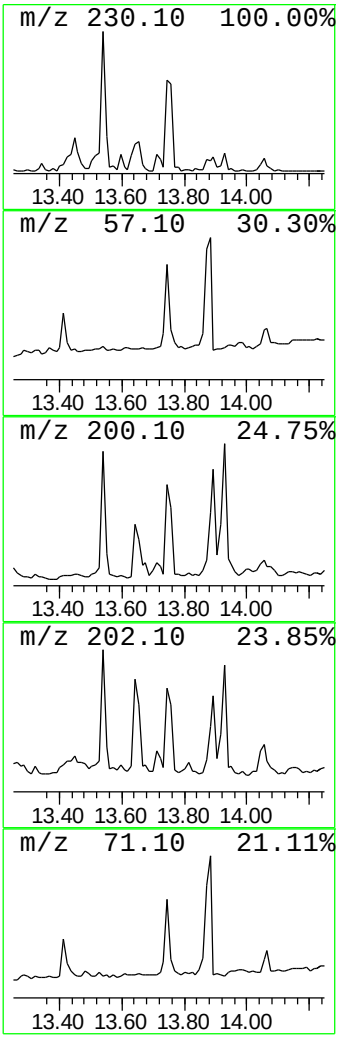
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.00 ng	260478	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	p-Terphenyl	230	C18H14	000092-94-4	43
4	o-Terphenyl	230	C18H14	000084-15-1	38
5	Benzene, 1-phenyl-4-(2,2-dicyano...	230	C16H10N2	026089-09-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

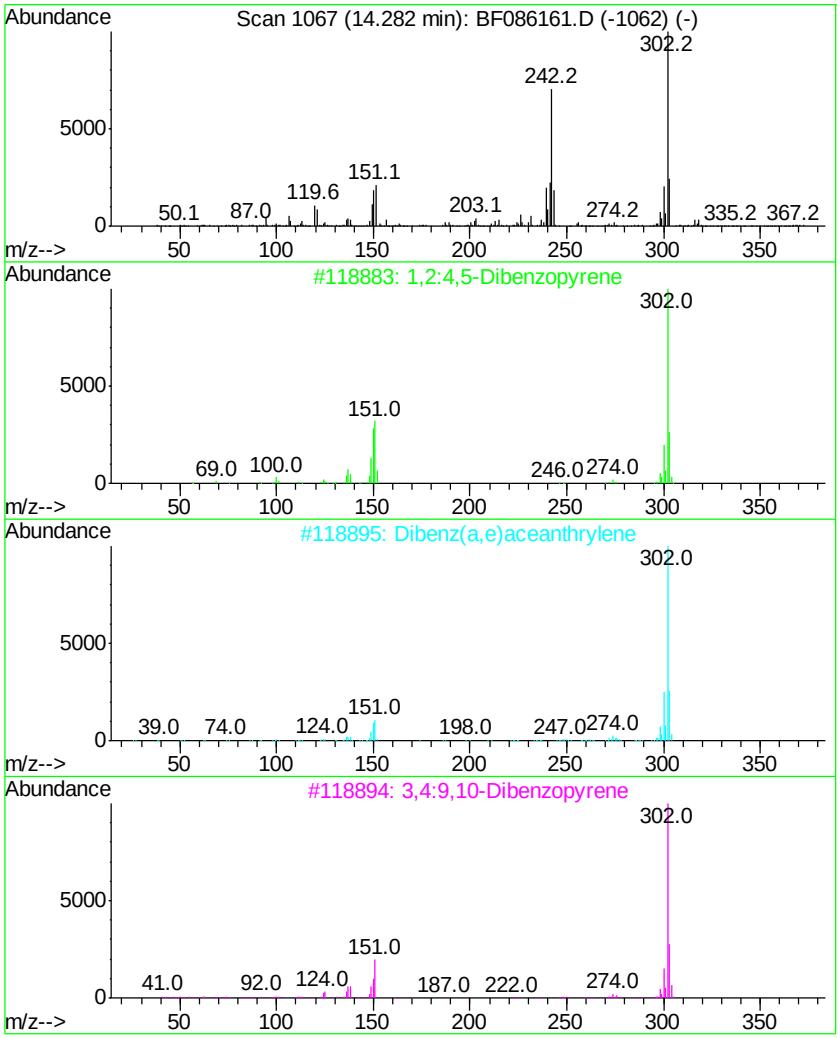
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

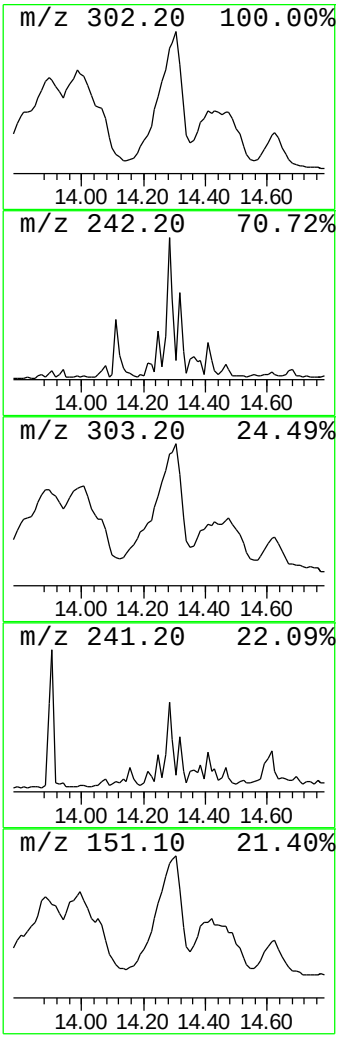
****

Peak Number 16 1,2:4,5-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	10.25 ng	1333020	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	86
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	55
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	50
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

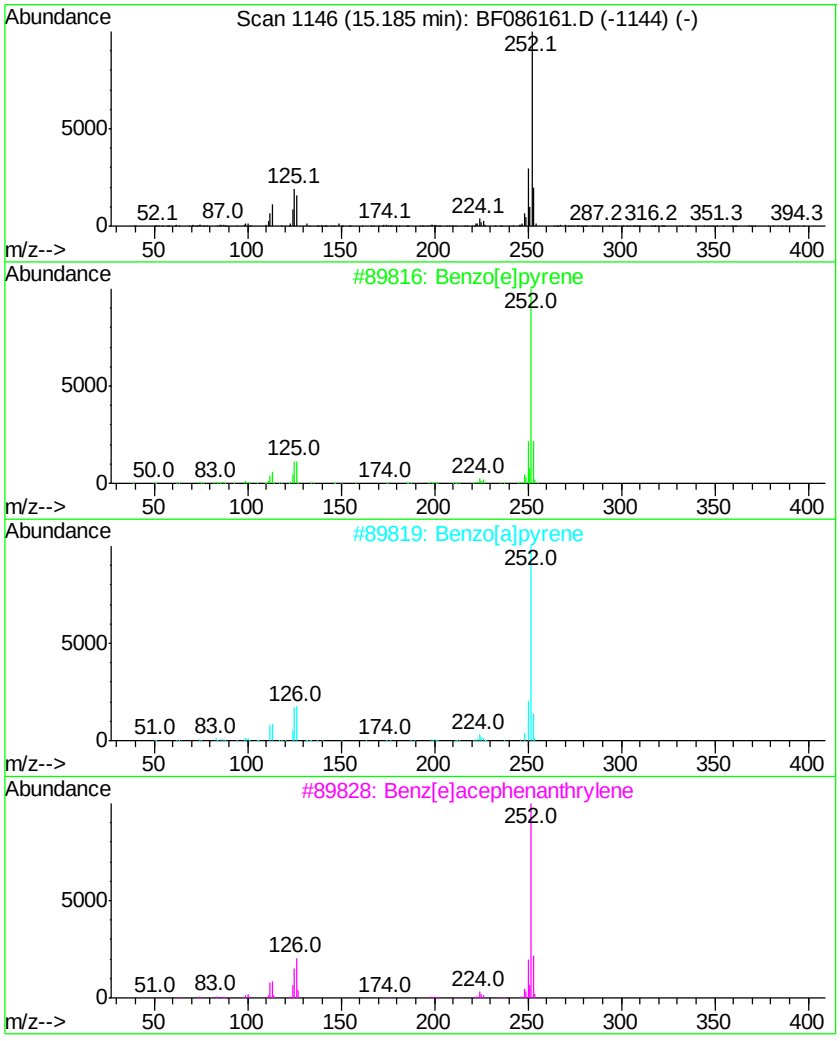
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

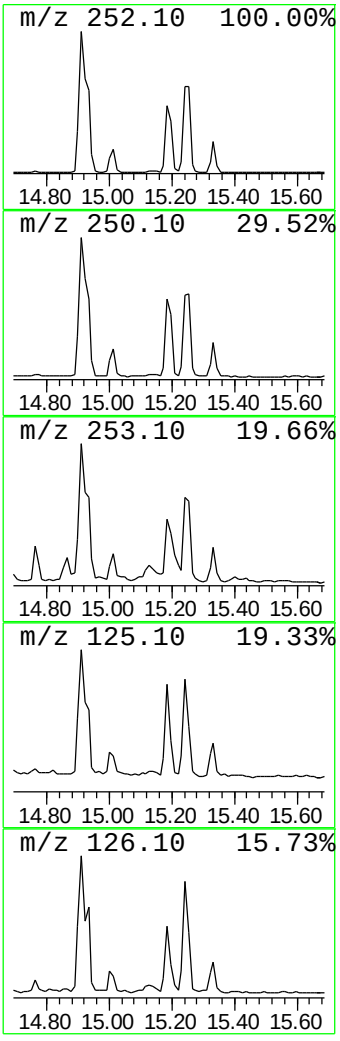
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	10.12 ng	418377	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.90	10.3	ng	315829	1	6.74	612592	20.0
unknown6.51	6.51	69.9	ng	2141330	1	6.74	612592	20.0
Decane, 3-methyl-	6.86	4.7	ng	142857	1	6.74	612592	20.0
Heptane, 4-ethyl-...	7.01	3.3	ng	100063	1	6.74	612592	20.0
Naphthalene, 2,3-...	9.44	2.8	ng	95005	3	9.78	688682	20.0
1-Isopropenylnaph...	9.93	2.1	ng	71763	3	9.78	688682	20.0
Benzenesulfonamid...	10.43	4.4	ng	151649	3	9.78	688682	20.0
2,4,6-Cycloheptat...	10.48	2.4	ng	81336	3	9.78	688682	20.0
Pyrene, 1-methyl-	12.92	2.2	ng	286573	5	13.90	2601050	20.0
Fluoranthene, 2-m...	13.03	3.4	ng	439267	5	13.90	2601050	20.0
11H-Benzo[a]fluor...	13.75	2.0	ng	260478	5	13.90	2601050	20.0
1,2:4,5-Dibenzopy...	14.28	10.3	ng	1333020	5	13.90	2601050	20.0
Benzo[e]pyrene	15.19	10.1	ng	418377	6	15.30	827141	20.0