LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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-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	4.944	249	250	259	rBV	29532	57454	3.07%	0.212%
2	5.367	285	287	306	rBV	1716160	1785572	95.44%	6.594%
3	6.407	376	378	381	rBV	1324020	1683280	89.97%	6.216%
4	6.545	387	390	392	rBV	1391494	1870954	100.00%	6.910%
5	6.773	407	410	412	rBV	712819	636274	34.01%	2.350%
6	6.922	421	423	426	rBV	1214660	1415151	75.64%	5.226%
7	7.345	457	460	462	rBV	798678	1155151	61.74%	4.266%
8	8.053	520	522	525	rBV	860175	849917	45.43%	3.139%
9	9.128	614	616	619	rBV	1566049	1866648	99.77%	6.894%
10	9.471	644	646	647	rVV	37762	34066	1.82%	0.126%
11	9.528	650	651	655	rVV	257588	233502	12.48%	0.862%
12	9.585	655	656	659	rVV2	18579	23098	1.23%	0.085%
13	9.676	662	664	666	rVB	23592	29903	1.60%	0.110%
14	9.745	668	670	672	rVV	65939	51791	2.77%	0.191%
15	9.802	673	675	677	rVV	653608	899395	48.07%	3.322%
16	9.836	677	678	681	rVB	37265	43703	2.34%	0.161%
17	9.973	687	690	691	rBV	11581	23000	1.23%	0.085%
18	10.019	691	694	696	rVV2	32014	59079	3.16%	0.218%
19	10.053	696	697	700	rVV2	25716	32398	1.73%	0.120%
20	10.236	712	713	715	rVB	66840	77143	4.12%	0.285%
21	10.351	722	723	726	rVB	63836	79186	4.23%	0.292%
22	10.419	726	729	730	rBV2	17453	25845	1.38%	0.095%
23	10.465	730	733	736	rBV2	34928	57735	3.09%	0.213%
24	10.511	736	737	739	rVB	37419	35817	1.91%	0.132%
25	10.602	742	745	747	rBV2	907644	1227664	65.62%	4.534%
26	10.716	753	755	759	rVB	106689	148461	7.94%	0.548%
27	10.899	769	771	773	rBV3	37331	66442	3.55%	0.245%
28	10.968	776	777	780	rVV2	15559	31719	1.70%	0.117%
29	11.036	780	783	787	rVV3	25954	69721	3.73%	0.257%
30	11.105	787	789	791	rVV	24505	23487	1.26%	0.087%
31	11.162	791	794	795	rVV2	57467	76071	4.07%	0.281%
32	11.185	795	796	800	rVB3	49386	67926	3.63%	0.251%
33	11.288	803	805	806	rBV	891779	882653	47.18%	3.260%
34	11.368	809	812	814	rVV	220409	202808	10.84%	0.749%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

35	11.414	814	816	818	rVB2	15479	24321	1.30%	0.090%
36	11.459	818	820	824	rVB4	17908	31604	1.69%	0.117%
37	11.528	824	826	830	rBV2	60671	92134	4.92%	0.340%
38	11.585	830	831	832	rBV	31686	22867	1.22%	0.084%
39	11.619	832	834	837	rVB4	33501	49354	2.64%	0.182%
40	11.711	839	842	843	rVB	18781	26600	1.42%	0.098%
41	11.791	847	849	850	rBV	143772	137947	7.37%	0.509%
42	11.825	850	852	854	rVV	221533	230778	12.33%	0.852%
43	11.871	854	856	857	rVV	81992	79029	4.22%	0.292%
44	11.905	857	859	864	rVB2	210352	321588	17.19%	1.188%
45	11.997	864	867	869	rBV2	17188	51871	2.77%	0.192%
46	12.088	871	875	877	rBV	86877	96963	5.18%	0.358%
47	12.122	877	878	880	rVB	54363	43192	2.31%	0.160%
48	12.237	885	888	889	rBV2	33200	45071	2.41%	0.166%
49	12.271	889	891	895	rVB2	42766	71253	3.81%	0.263%
50	12.339	895	897	899	rBV	102753	122826	6.56%	0.454%
51	12.374	899	900	903	rVB2	50615	86822	4.64%	0.321%
52	12.431	903	905	909	rVB3	66311	89366	4.78%	0.330%
53	12.499	909	911	914	rBV	896220	849919	45.43%	3.139%
54	12.568	914	917	919	rVB3	31476	53067	2.84%	0.196%
55	12.602	919	920	922	rBV	41434	49401	2.64%	0.182%
56	12.648	922	924	926	rVB2	41206	52498	2.81%	0.194%
57	12.728	926	931	934	rBV	773658	919600	49.15%	3.396%
58	12.785	934	936	938	rVB2	52696	73279	3.92%	0.271%
59	12.877	941	944	946	rBV	1560263	1654362	88.42%	6.110%
60	12.945	948	950	954	rBV3	64693	129171	6.90%	0.477%
61	13.059	956	960	962	rVB	139819	201479	10.77%	0.744%
62	13.128	962	966	967	rBV2	91166	134073	7.17%	0.495%
63	13.162	967	969	971	rBV	103783	126434	6.76%	0.467%
64	13.254	975	977	978	rBV	52723	39425	2.11%	0.146%
65	13.288	978	980	983	rBV2	47753	56859	3.04%	0.210%
66	13.357	983	986	989	rBV	228773	224024	11.97%	0.827%
67	13.402	989	990	992	rVB	51696	37755	2.02%	0.139%
68	13.448	992	994	996	rBV3	50168	73705	3.94%	0.272%
69	13.574	1003	1005	1007	rVB	63162	58759	3.14%	0.217%
70	13.677	1011	1014	1015	rBV	90035	97942	5.23%	0.362%
71	13.745	1017	1020	1021	rVB2	15354	22543	1.20%	0.083%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

72	13.780	1021	1023	1027	rVB2	125552	163091	8.72%	0.602%
73	13.848	1027	1029	1032	rVB2	25325	43138	2.31%	0.159%
74	13.928	1032	1036	1037	rBV2	851870	1186688	63.43%	4.383%
75	14.031	1042	1045	1047	rBV2	52675	58709	3.14%	0.217%
76	14.088	1047	1050	1052	rBV3	73688	117788	6.30%	0.435%
77	14.157	1054	1056	1063	rVB7	32866	82394	4.40%	0.304%
78	14.317	1065	1070	1071	rBV	89730	136188	7.28%	0.503%
79	14.351	1071	1073	1075	rVB2	25824	26014	1.39%	0.096%
80	14.397	1075	1077	1079	rBV3	47961	92332	4.94%	0.341%
81	14.442	1079	1081	1084	rVB2	44388	88873	4.75%	0.328%
82	14.637	1096	1098	1101	rBV3	21592	53046	2.84%	0.196%
83	14.694	1101	1103	1105	rVV3	24207	47451	2.54%	0.175%
84	14.762	1107	1109	1110	rVB2	18059	23826	1.27%	0.088%
85	14.797	1110	1112	1113	rBV	33661	41827	2.24%	0.154%
86	14.934	1122	1124	1128	rBV	244485	524508	28.03%	1.937%
87	15.003	1128	1130	1132	rVV3	31962	47951	2.56%	0.177%
88	15.037	1132	1133	1136	rVV	60512	71123	3.80%	0.263%
89	15.140	1139	1142	1143	rBV2	19008	41262	2.21%	0.152%
90	15.220	1146	1149	1152	rVB	148947	189986	10.15%	0.702%
91	15.277	1152	1154	1157	rBV	248277	304821	16.29%	1.126%
92	15.334	1157	1159	1165	rVB	526704	723649	38.68%	2.672%
93	15.745	1192	1195	1197	rBV2	24054	43742	2.34%	0.162%
94	15.860	1203	1205	1207	rVB	17555	26977	1.44%	0.100%
95	16.694	1275	1278	1283	rBV	108823	225222	12.04%	0.832%
96	16.854	1289	1292	1295	rBV	26795	66692	3.56%	0.246%
97	16.911	1295	1297	1300	rVB2	16136	30245	1.62%	0.112%
98	17.106	1310	1314	1321	rVB	65167	159907	8.55%	0.591%
99	17.334	1331	1334	1341	rVB3	26643	85772	4.58%	0.317%
100	19.197	1493	1497	1506	rVB2	15784	73668	3.94%	0.272%

Sum of corrected areas: 27077785

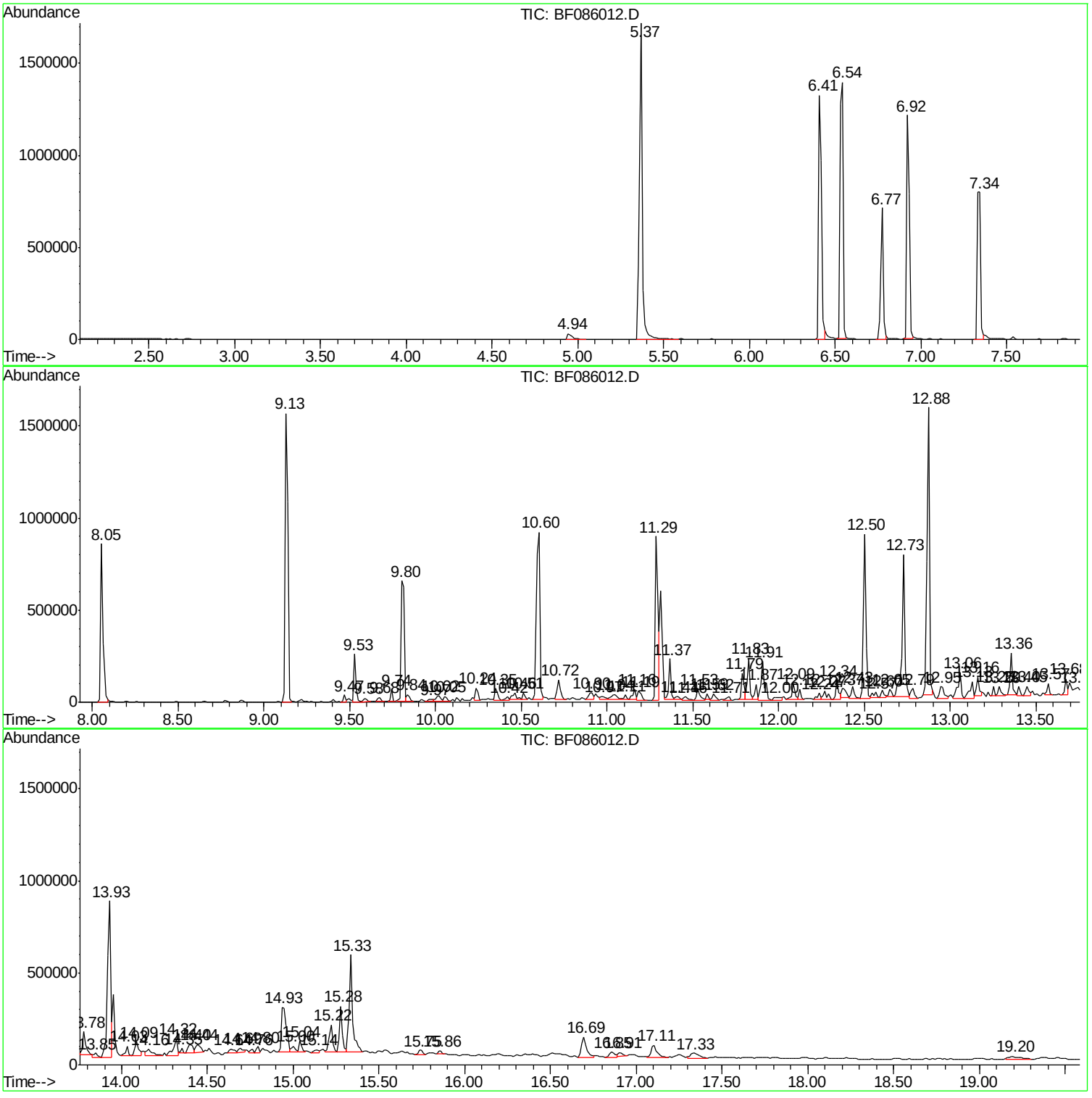
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

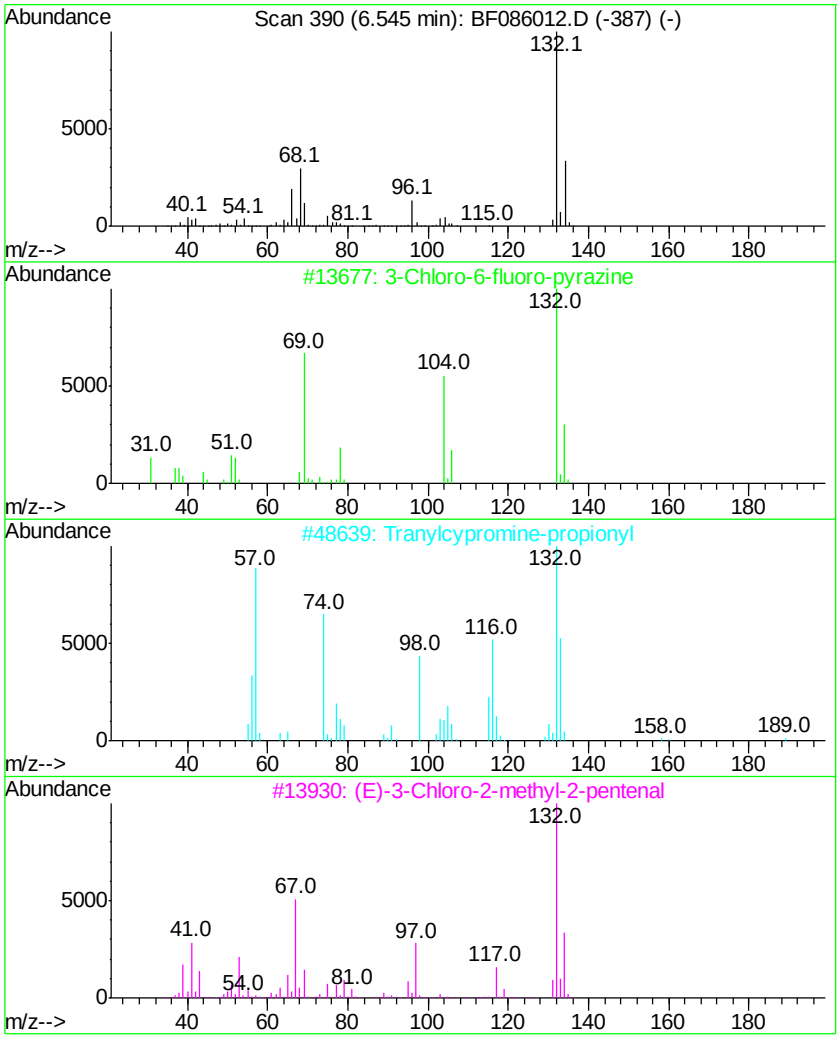
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

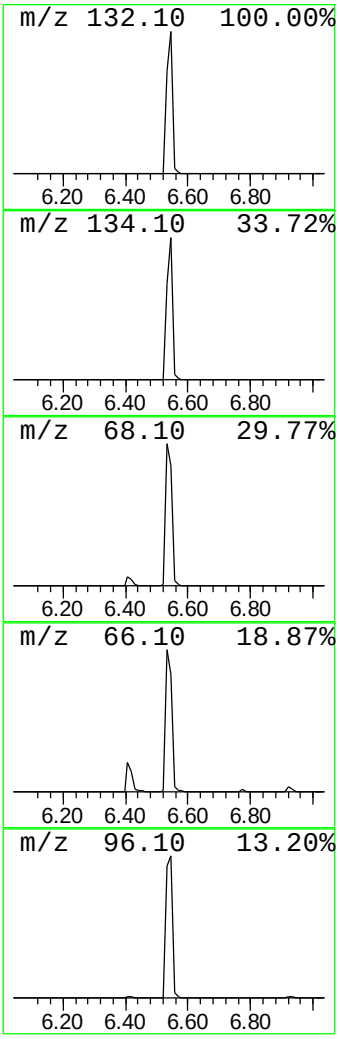
****

Peak Number 1 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	58.81 ng	1870950	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	52
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	37
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

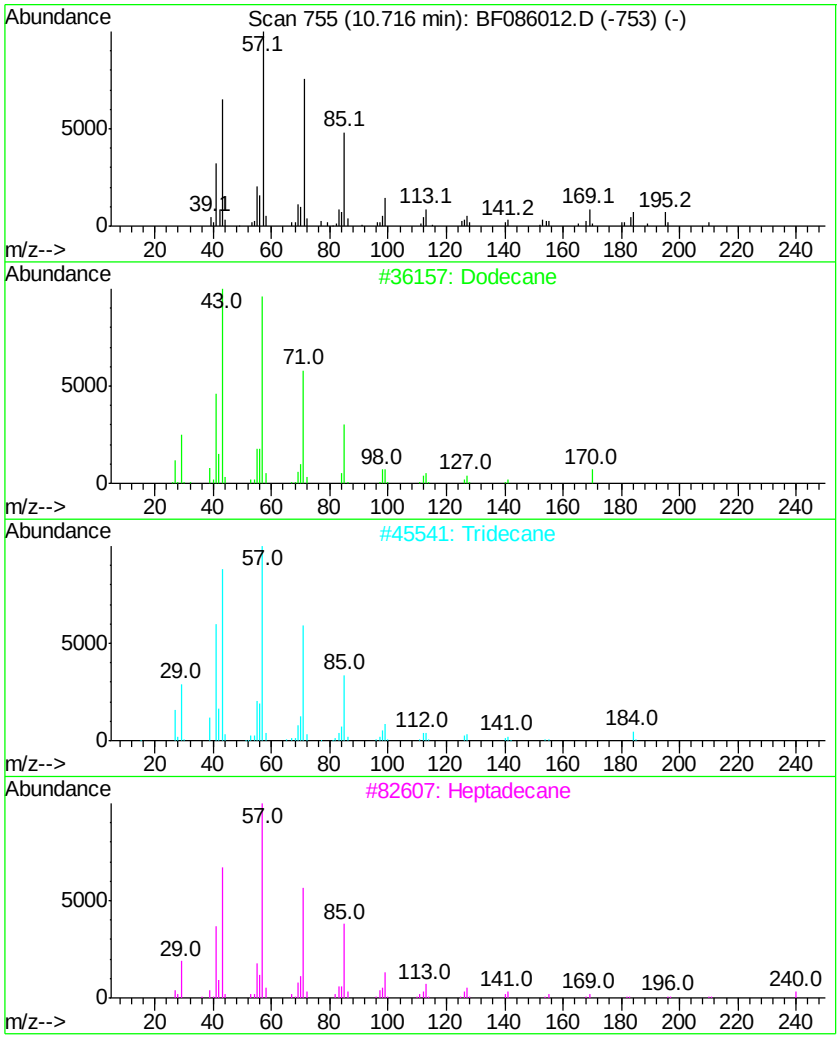
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

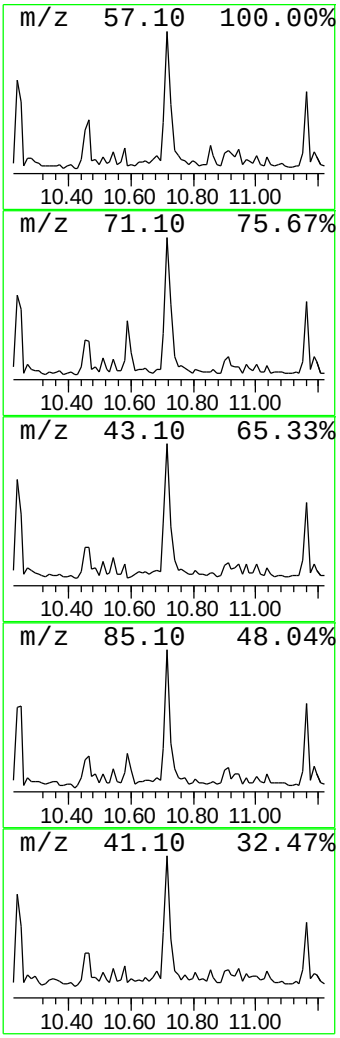
****

Peak Number 3 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.36 ng	148461	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

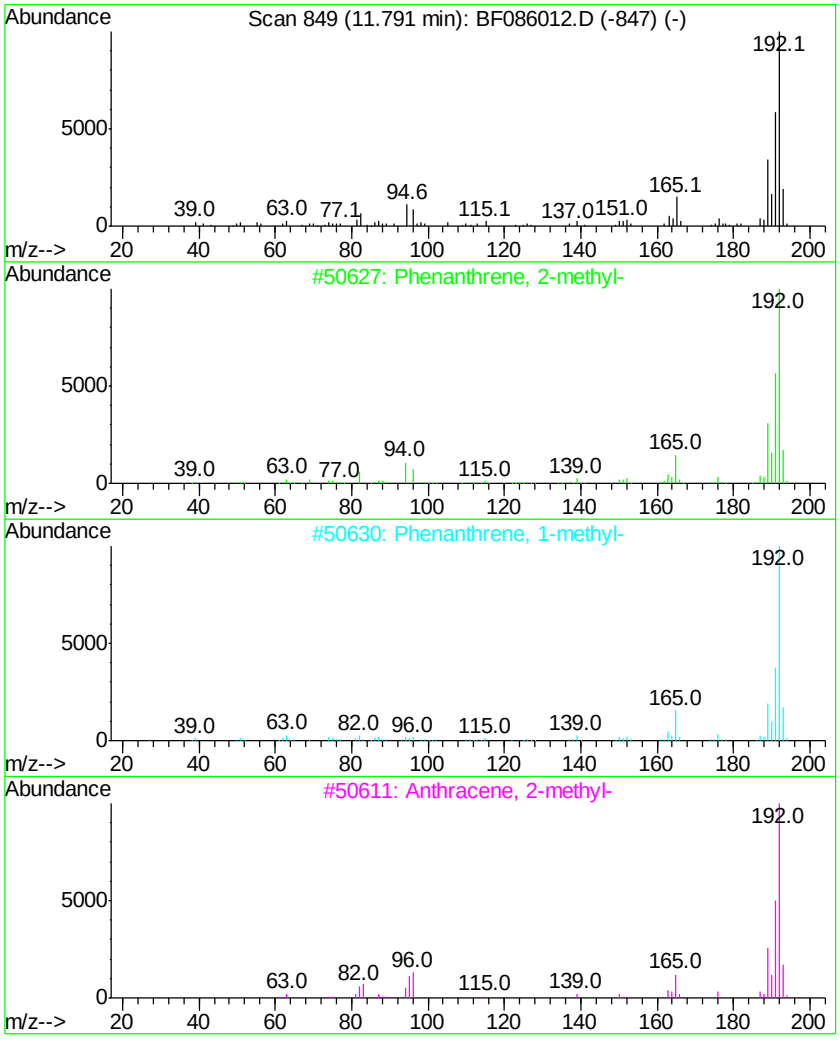
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

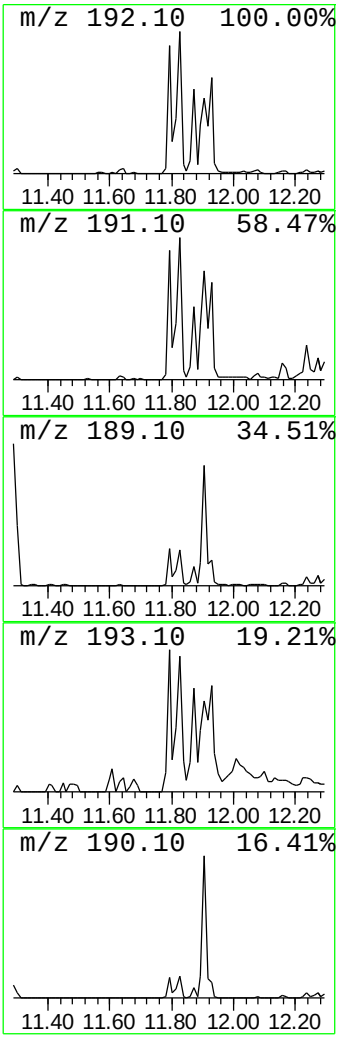
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.13 ng	137947	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

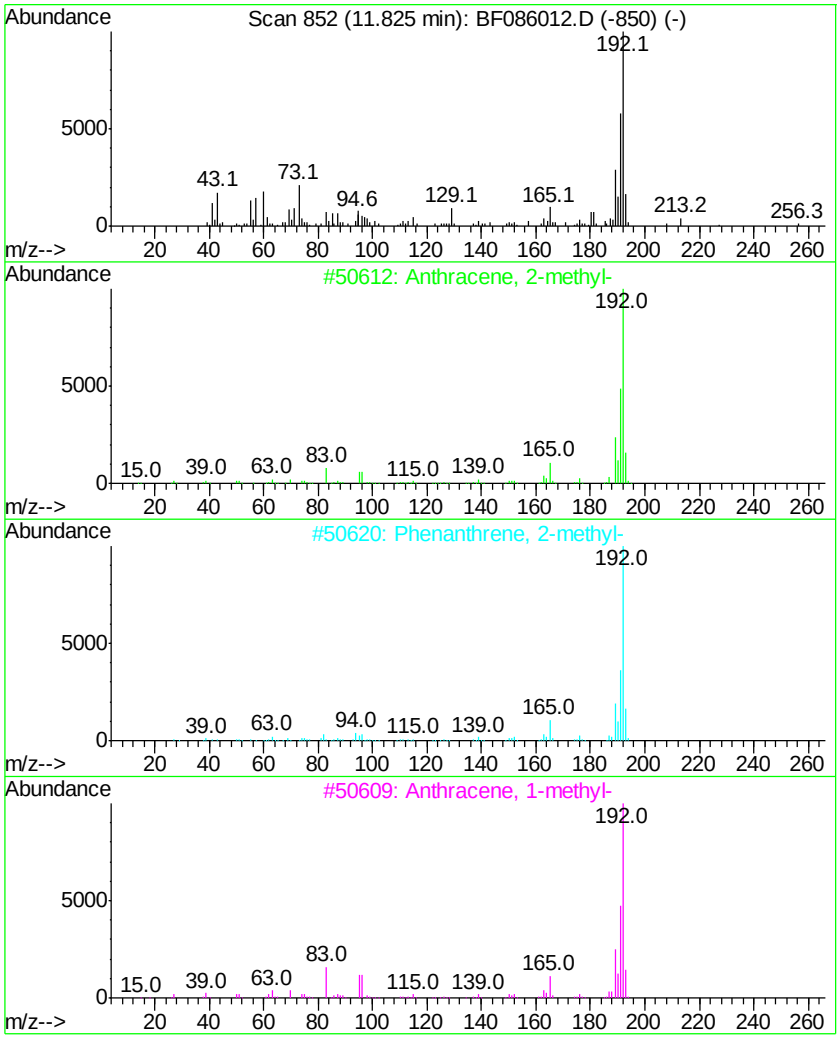
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

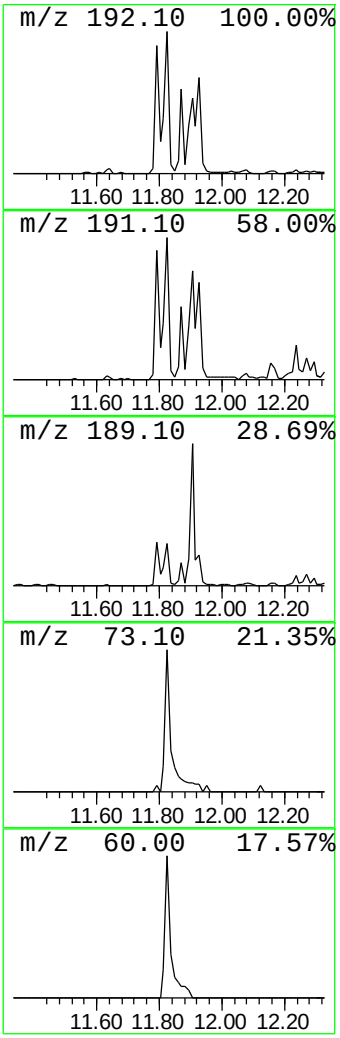
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.23 ng	230778	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

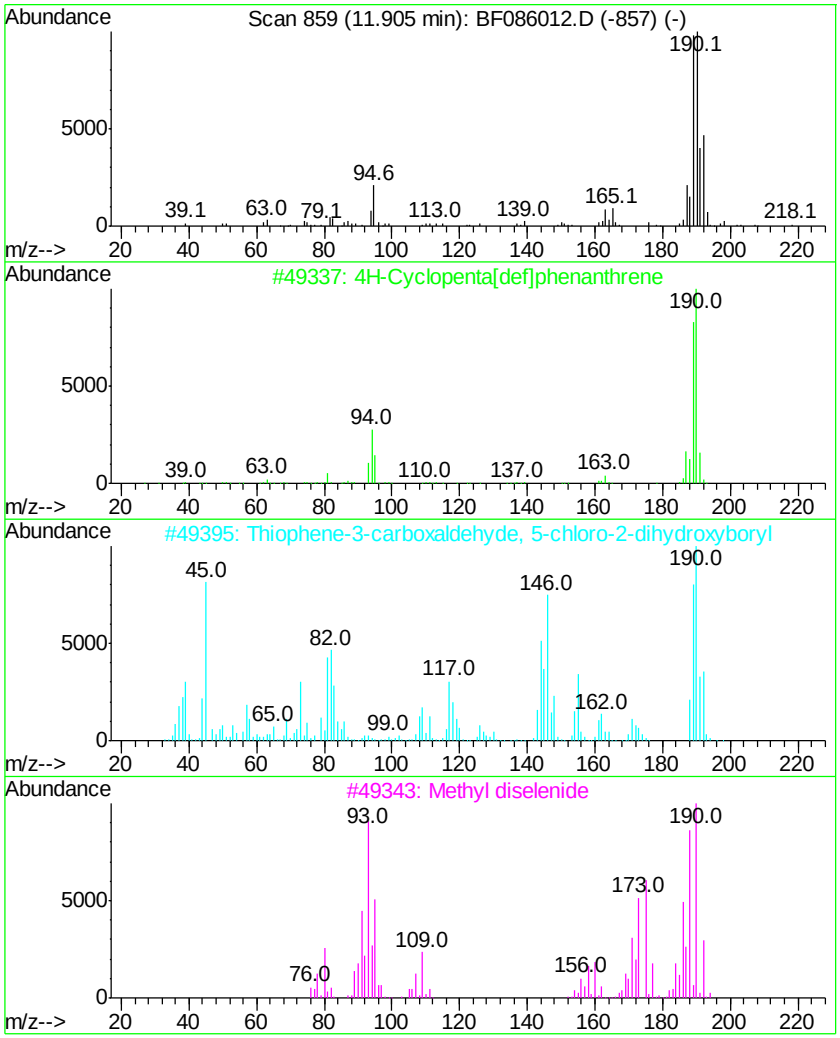
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

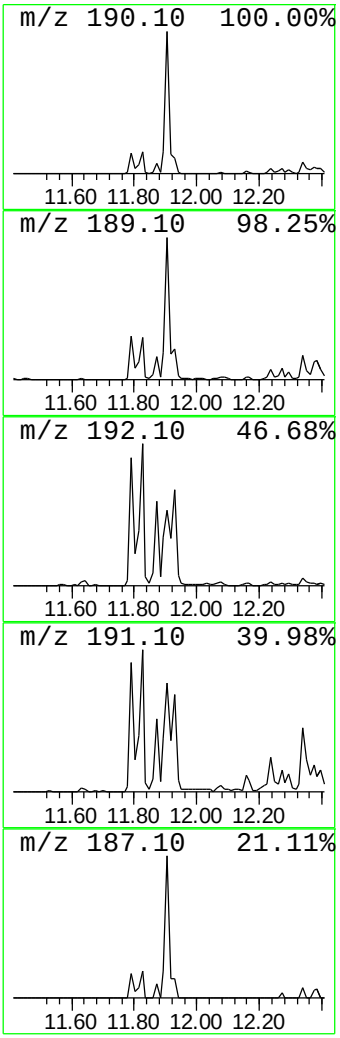
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.29 ng	321588	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

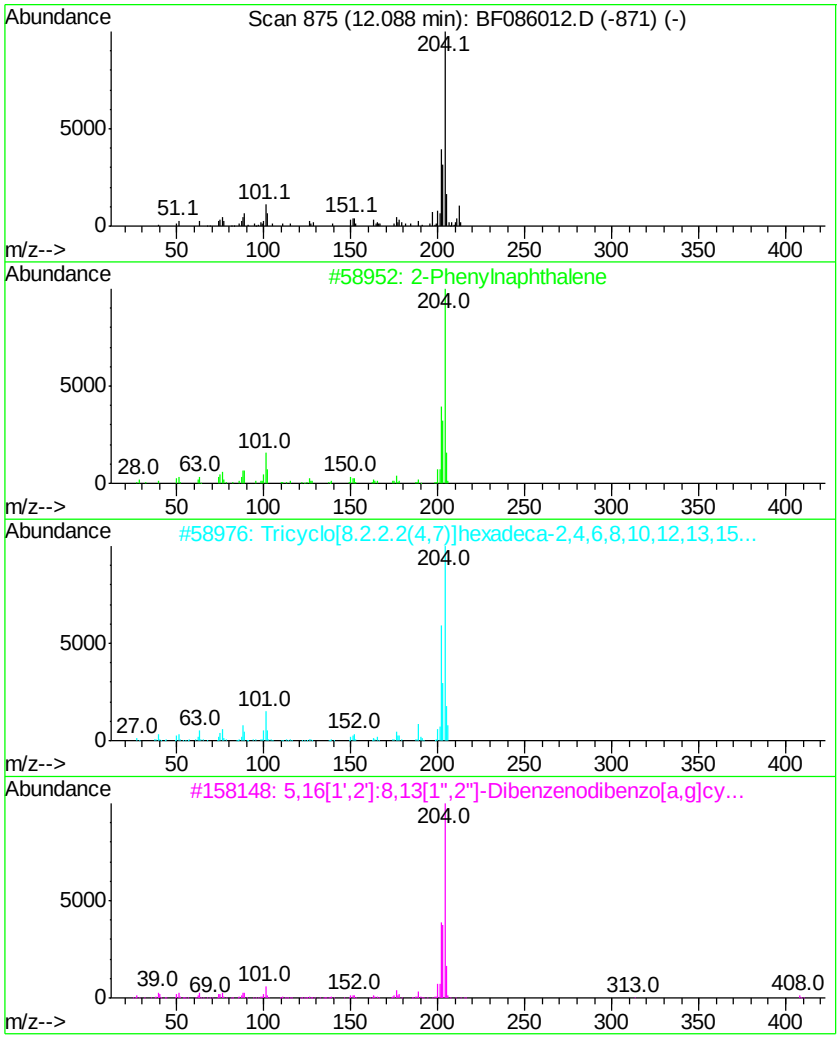
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

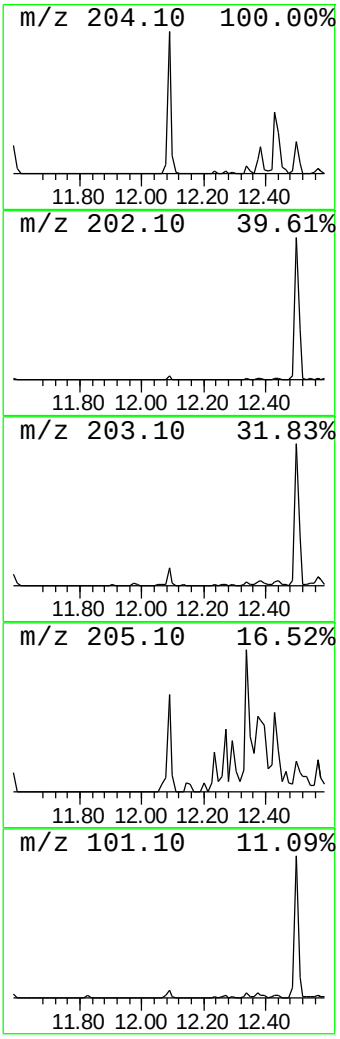
****

Peak Number 8 2-Phenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.20 ng	96963	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

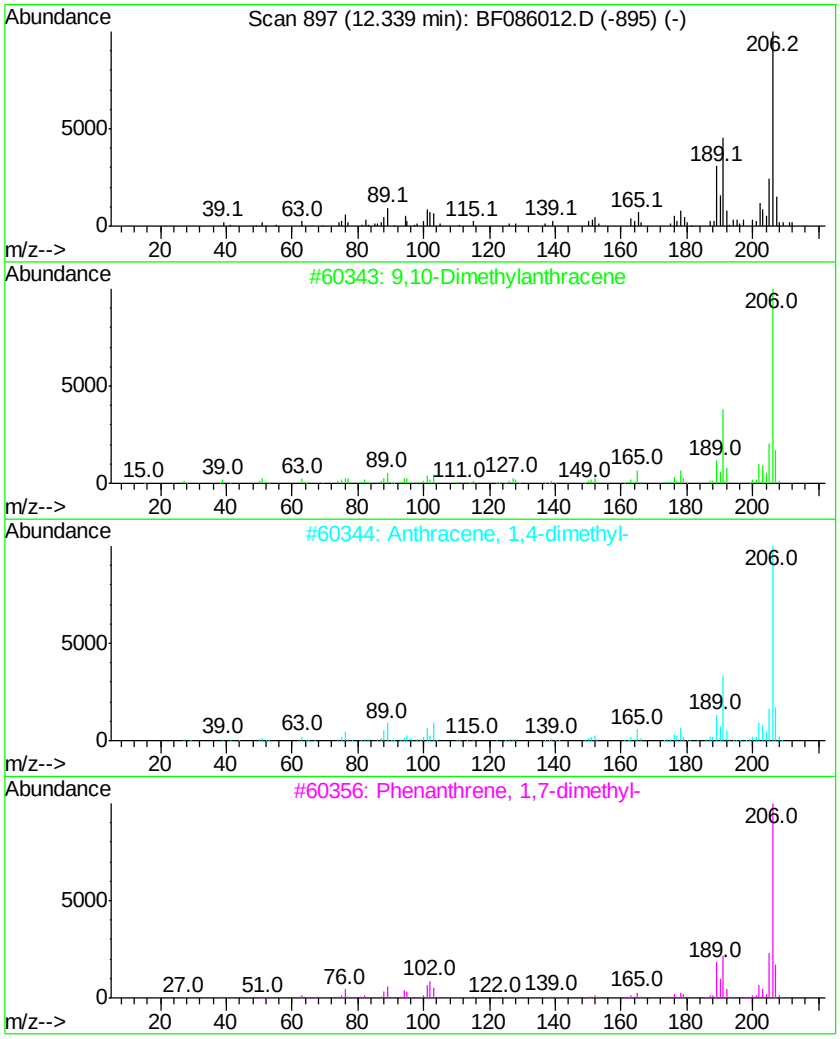
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

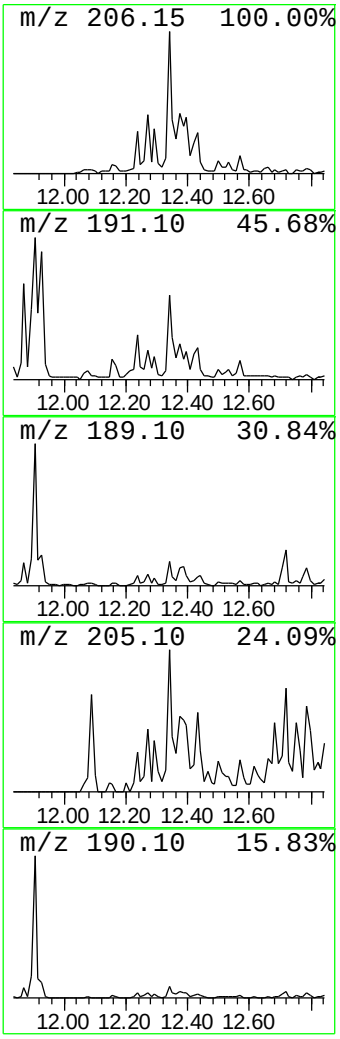
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.78 ng	122826	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

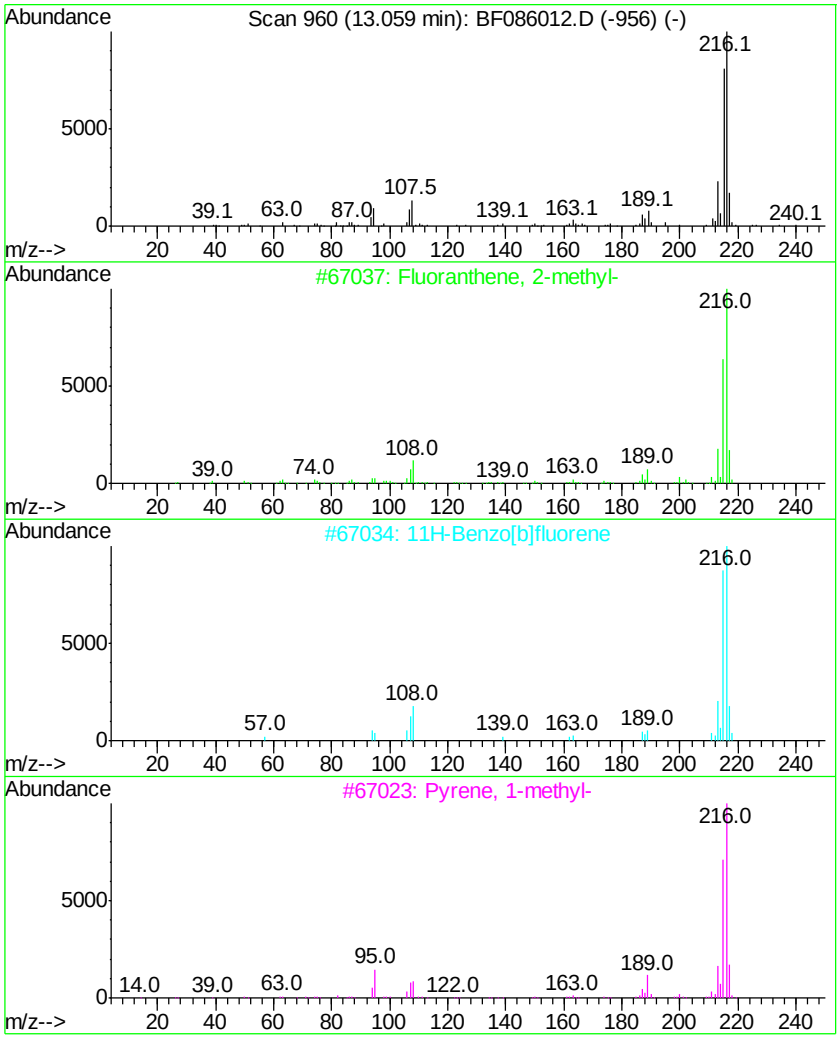
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

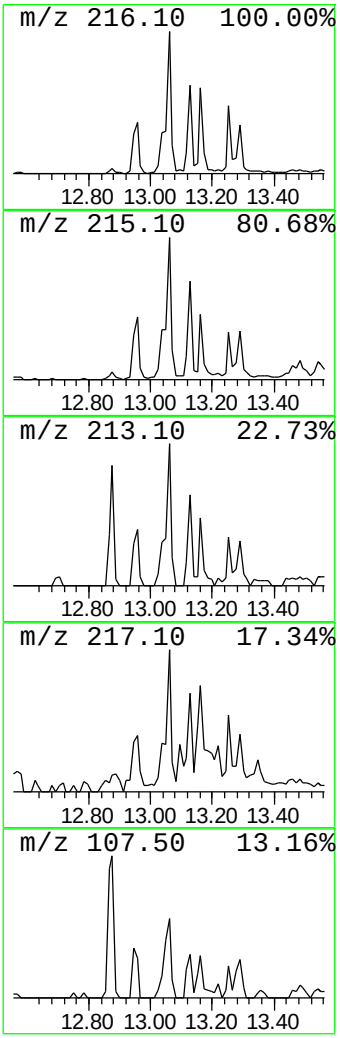
****

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.40 ng	201479	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
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	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

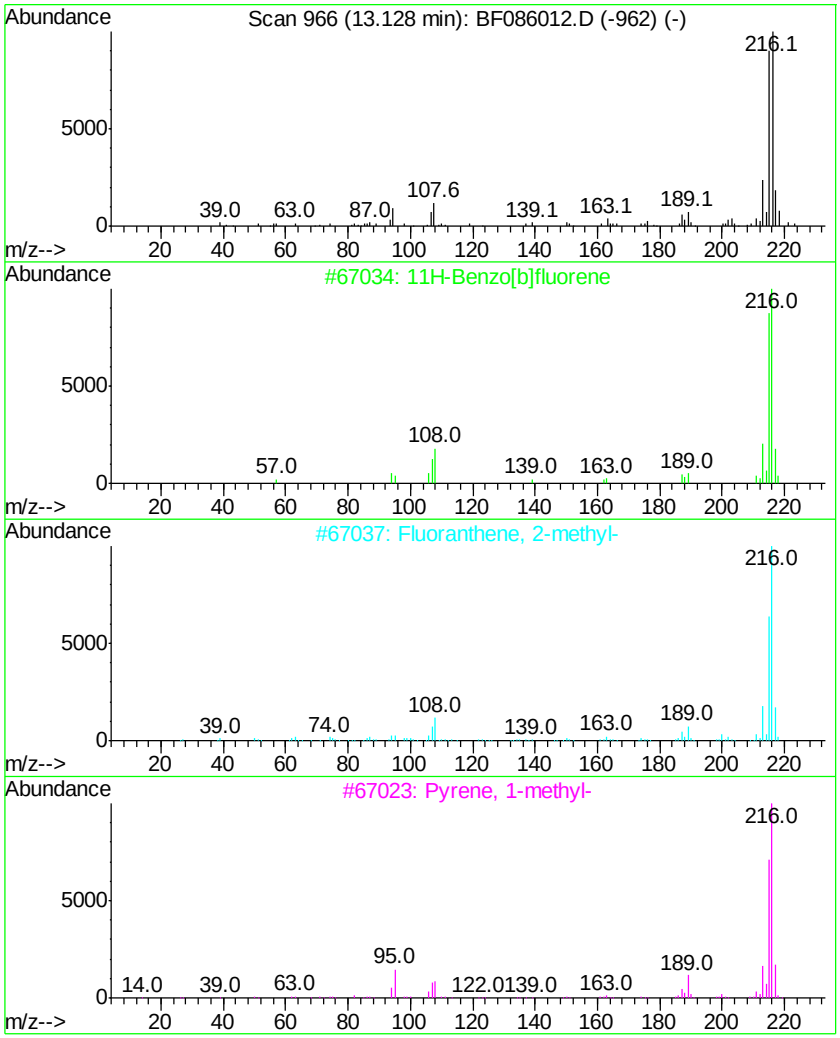
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

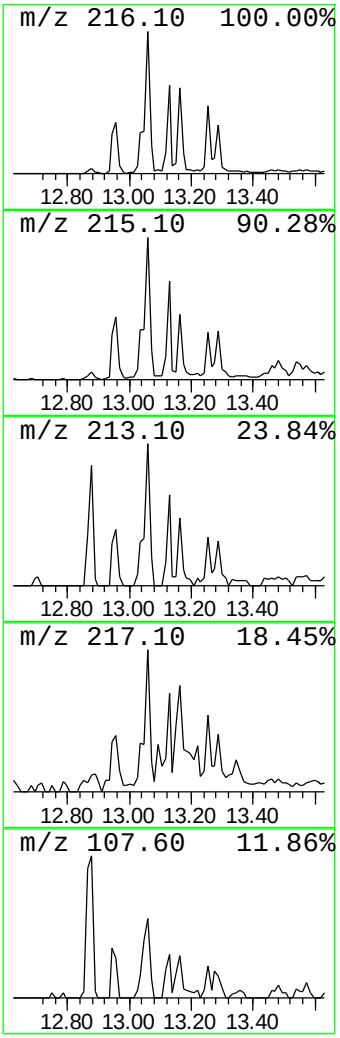
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.26 ng	134073	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

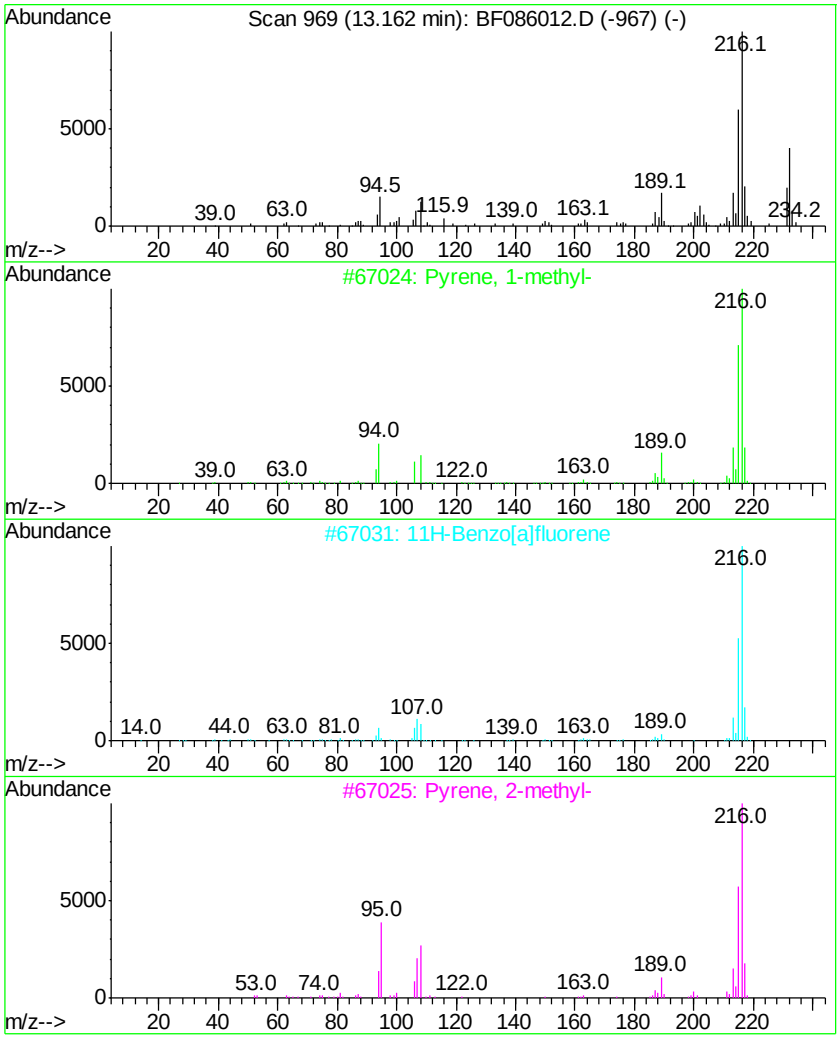
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

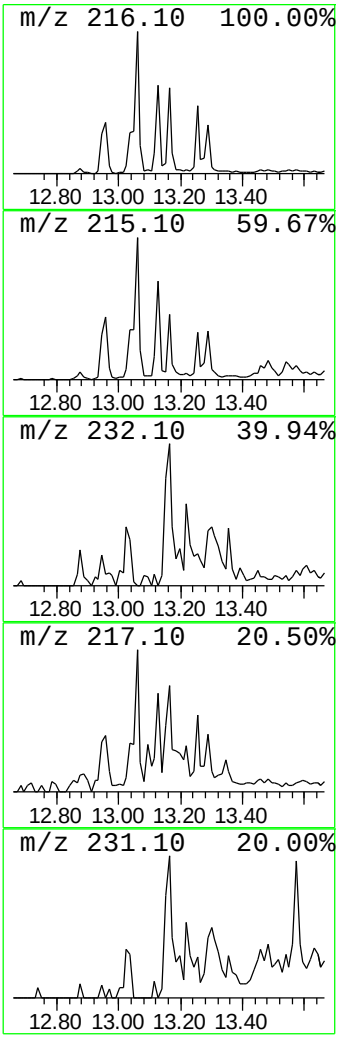
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.13 ng	126434	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

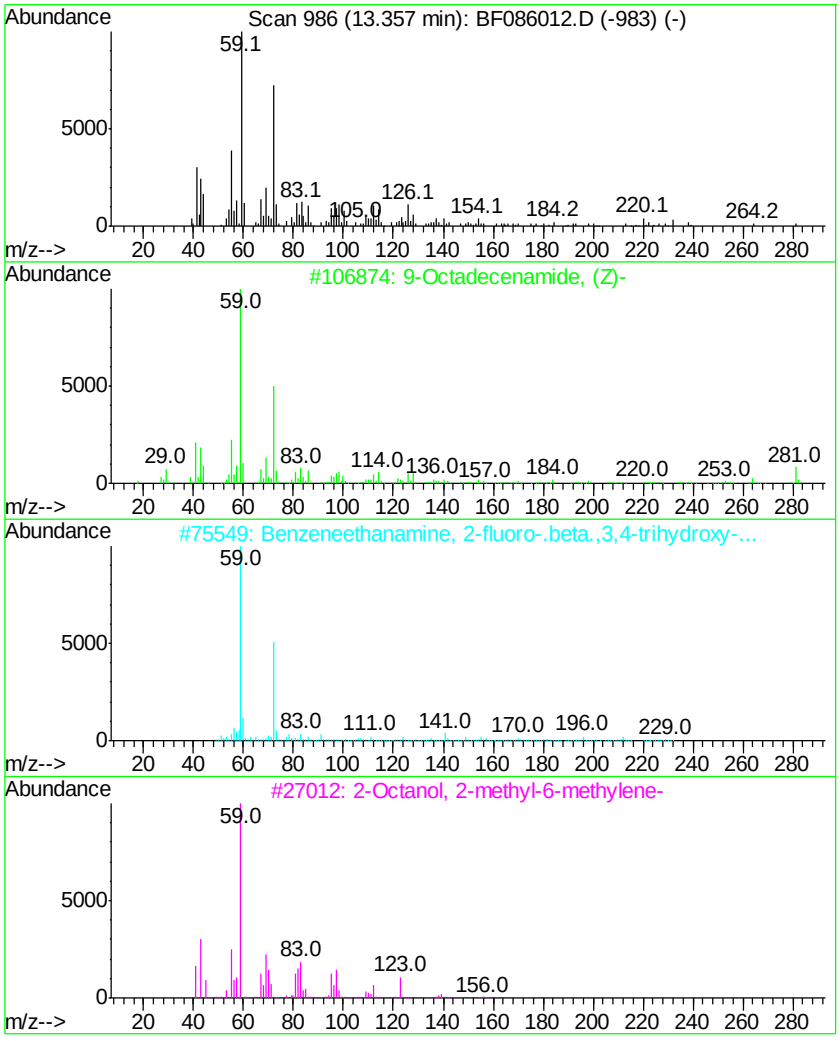
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

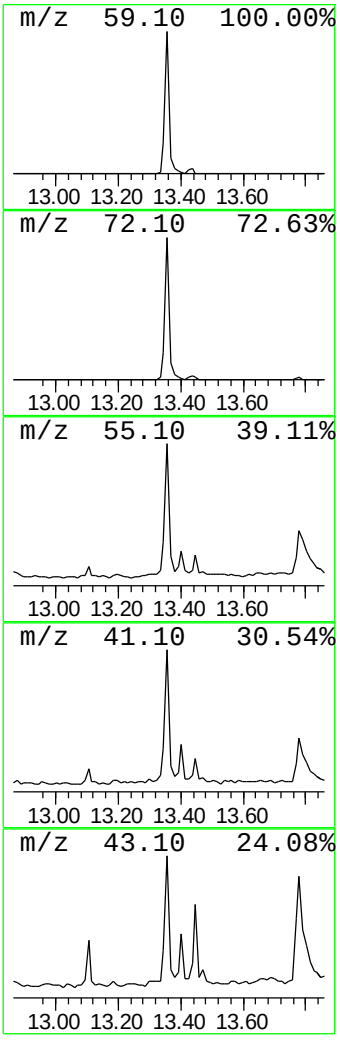
****

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.78 ng	224024	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
3	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	43
4	Hexadecanamide	255	C16H33NO	000629-54-9	38
5	Tetradecanamide	227	C14H29NO	000638-58-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

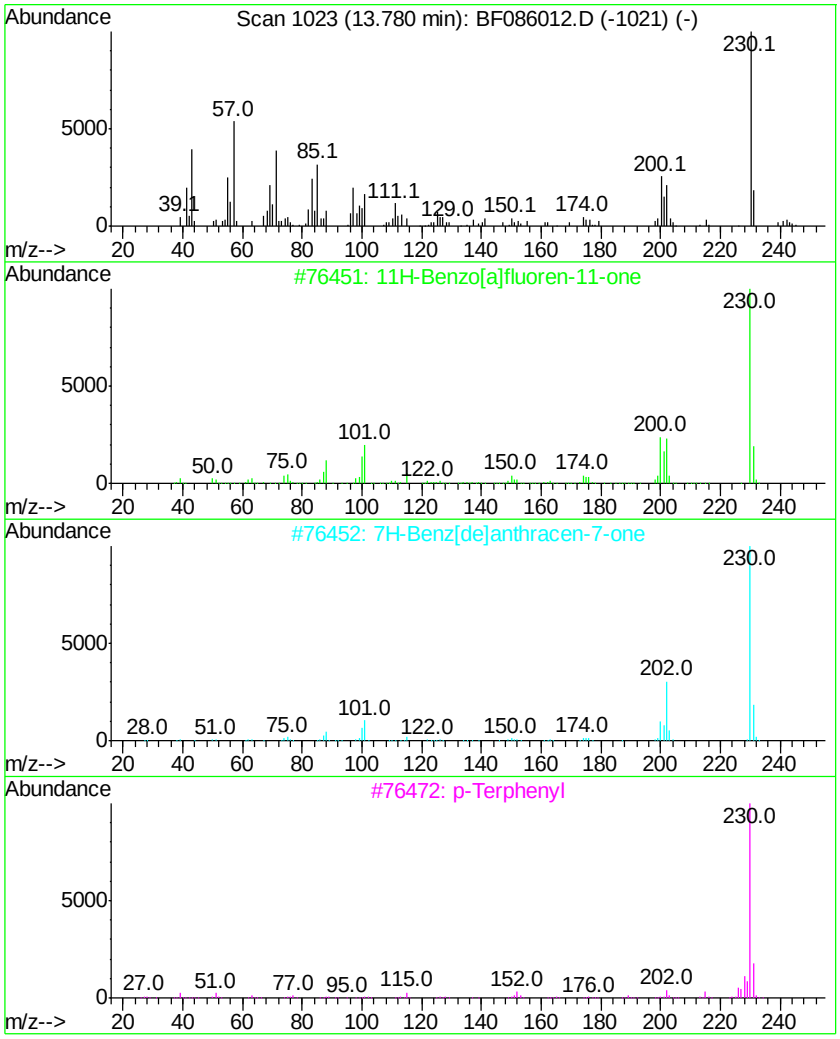
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

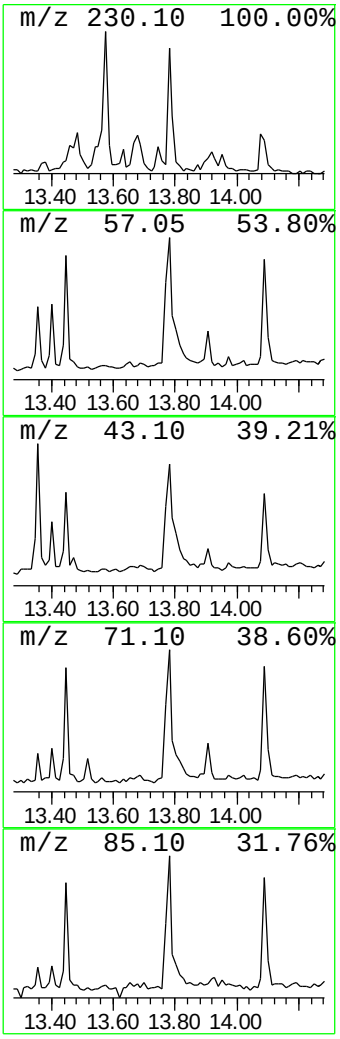
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.75 ng	163091	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
3	p-Terphenyl	230	C18H14	000092-94-4	30
4	Tetradecane	198	C14H30	000629-59-4	25
5	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

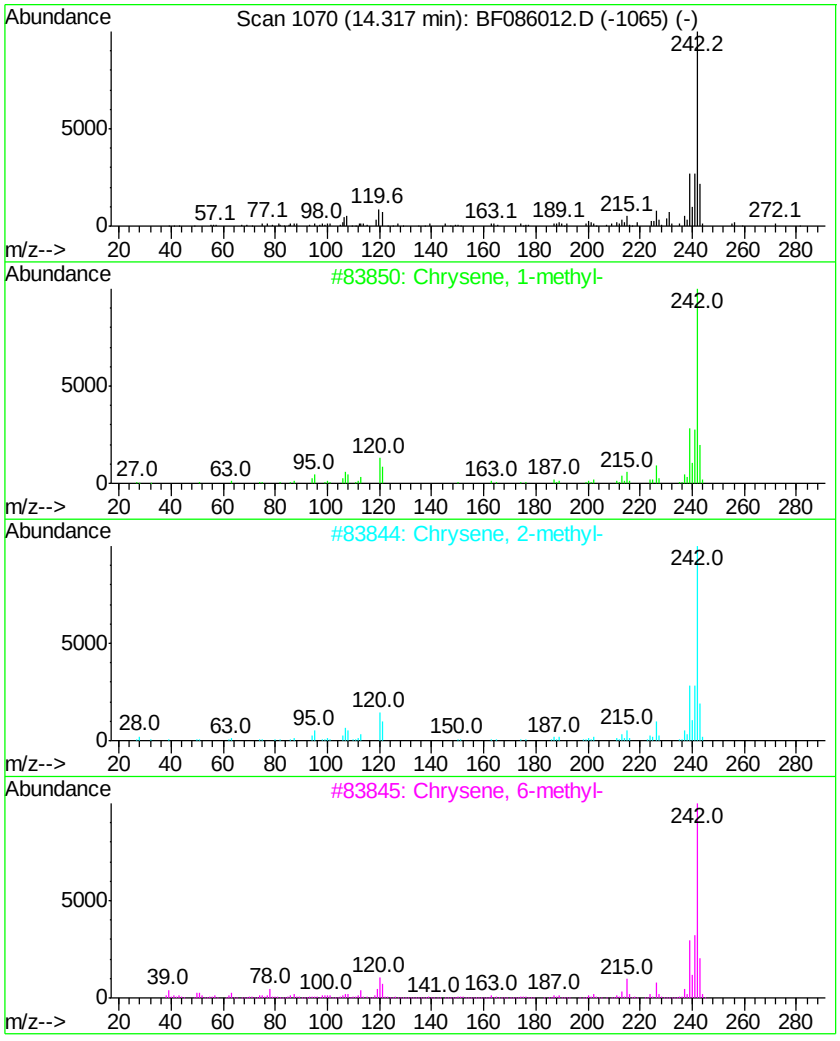
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

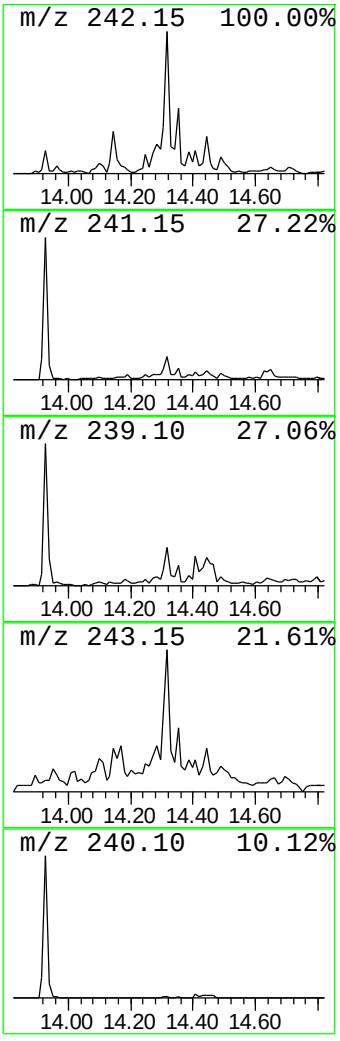
****

Peak Number 16 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.30 ng	136188	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	90
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
5	Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

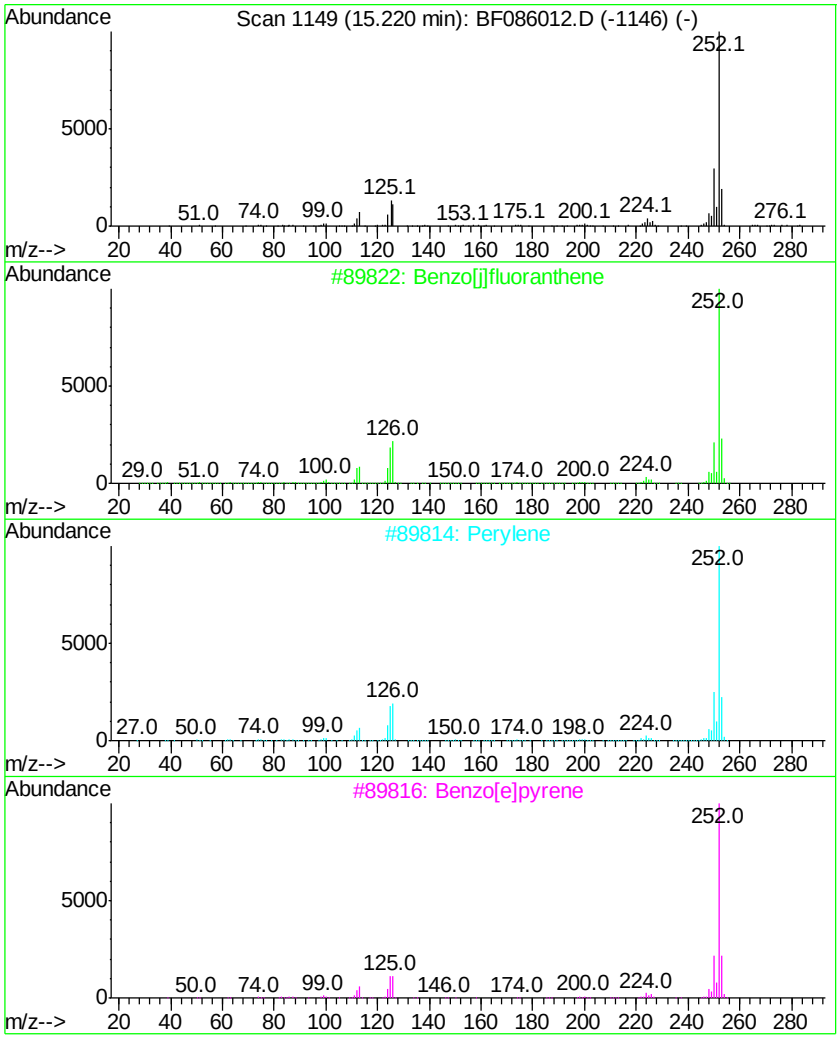
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

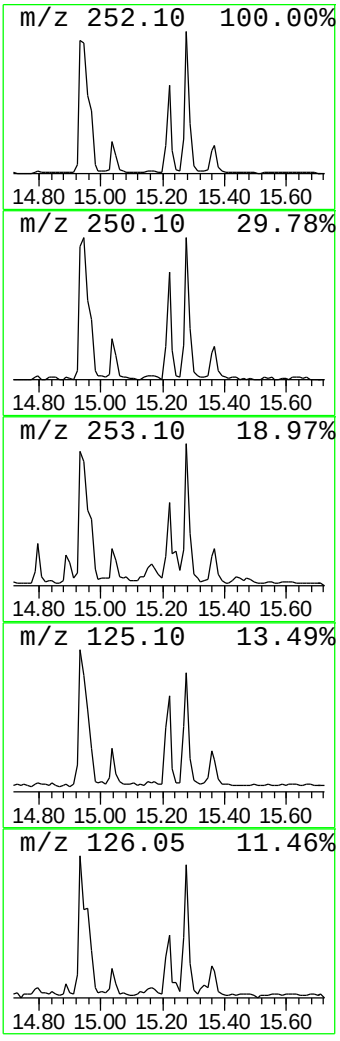
****

Peak Number 17 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.25 ng	189986	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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

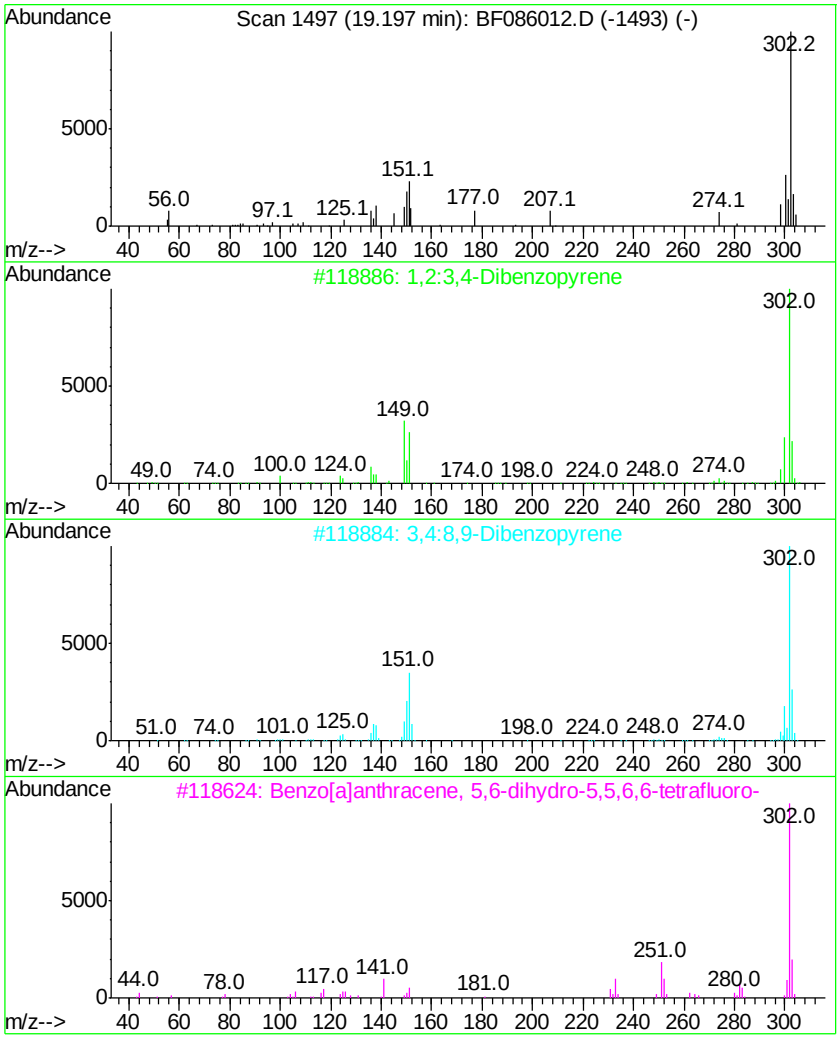
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

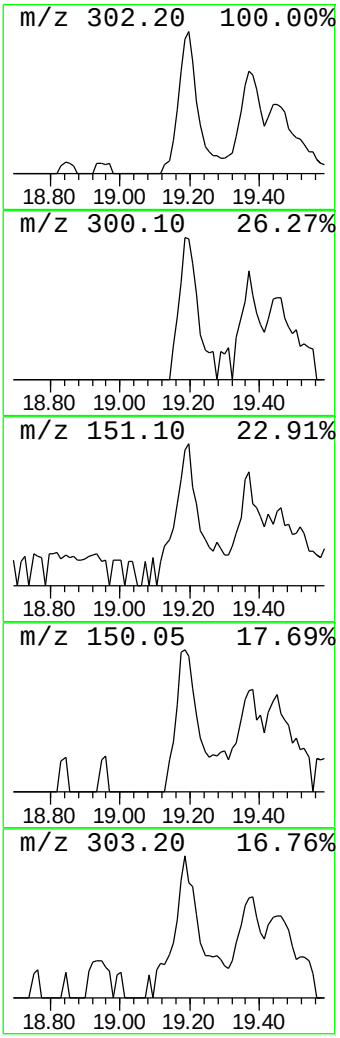
****

Peak Number 20 1,2:3,4-Dibenzopyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.04 ng	73668	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	53
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	52
3	Benzo[a]anthracene, 5,6-dihydro-...	302	C18H10F4	1000116-65-8	47
4	Morin	302	C15H10O7	000480-16-0	47
5	1-[5-(3-Acetyl-4-hydroxyphenylth...	302	C16H14O4S	028992-32-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086012.D
Acq On : 2 Apr 2016 15:28
Operator : UM/SJ
Sample : H2055-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-14(0-4)

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
3-Chloro-6-fluoro...	6.54	58.8	ng	1870950	1	6.77	636274	20.0
Dodecane	10.72	3.4	ng	148461	4	11.29	882653	20.0
Phenanthrene, 2-m...	11.79	3.1	ng	137947	4	11.29	882653	20.0
Anthracene, 2-met...	11.83	5.2	ng	230778	4	11.29	882653	20.0
4H-Cyclopenta[def...	11.91	7.3	ng	321588	4	11.29	882653	20.0
2-Phenylnaphthalene	12.09	2.2	ng	96963	4	11.29	882653	20.0
9,10-Dimethylanth...	12.34	2.8	ng	122826	4	11.29	882653	20.0
Fluoranthene, 2-m...	13.06	3.4	ng	201479	5	13.93	1186690	20.0
11H-Benzo[b]fluorene	13.13	2.3	ng	134073	5	13.93	1186690	20.0
Pyrene, 1-methyl-	13.16	2.1	ng	126434	5	13.93	1186690	20.0
9-Octadecenamide,...	13.36	3.8	ng	224024	5	13.93	1186690	20.0
11H-Benzo[a]fluor...	13.78	2.8	ng	163091	5	13.93	1186690	20.0
Chrysene, 1-methyl-	14.32	2.3	ng	136188	5	13.93	1186690	20.0
Benzo[j]fluoranthene	15.22	5.3	ng	189986	6	15.33	723649	20.0
1,2:3,4-Dibenzopy...	19.20	2.0	ng	73668	6	15.33	723649	20.0