LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF060716.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	1.689	7	9	55	rVB	980871	2643982	100.00%	6.477%
2	4.661	267	269	282	rBV	42281	92151	3.49%	0.226%
3	5.118	307	309	317	rBV	1036603	1289447	48.77%	3.159%
4	5.233	317	319	322	rVV	19498	41551	1.57%	0.102%
5	5.758	363	365	368	rVB3	51786	70136	2.65%	0.172%
6	5.964	379	383	386	rBV2	15065	44403	1.68%	0.109%
7	6.033	386	389	395	rVB3	60090	118335	4.48%	0.290%
8	6.204	402	404	408	rVV	1039367	1150433	43.51%	2.818%
9	6.307	411	413	417	rVV	1407720	1384140	52.35%	3.391%
10	6.376	417	419	421	rVB2	27828	45540	1.72%	0.112%
11	6.490	426	429	431	rBV3	30769	64534	2.44%	0.158%
12	6.536	431	433	437	rVV	255261	373556	14.13%	0.915%
13	6.696	445	447	449	rVV	935293	1178307	44.57%	2.887%
14	6.798	451	456	457	rBV3	63410	86698	3.28%	0.212%
15	6.833	457	459	460	rVB	37697	47125	1.78%	0.115%
16	6.856	460	461	463	rBV2	41133	58763	2.22%	0.144%
17	6.890	463	464	466	rBV	66187	58103	2.20%	0.142%
18	6.924	466	467	471	rVB3	86081	145625	5.51%	0.357%
19	7.084	476	481	482	rBV3	175758	255006	9.64%	0.625%
20	7.119	482	484	488	rBV	718975	798992	30.22%	1.957%
21	7.187	488	490	492	rVB3	70114	119338	4.51%	0.292%
22	7.233	492	494	495	rBV	46746	43326	1.64%	0.106%
23	7.267	495	497	498	rVB	51831	63142	2.39%	0.155%
24	7.336	498	503	506	rVB4	148586	348529	13.18%	0.854%
25	7.393	506	508	510	rBV2	40723	60406	2.28%	0.148%
26	7.450	510	513	515	rBV2	161878	296845	11.23%	0.727%
27	7.496	515	517	518	rBV2	39014	65914	2.49%	0.161%
28	7.519	518	519	521	rVB2	81630	99794	3.77%	0.244%
29	7.564	521	523	524	rBV2	198557	205991	7.79%	0.505%
30	7.599	524	526	528	rVB2	76302	131735	4.98%	0.323%
31	7.656	528	531	533	rBV3	111207	231672	8.76%	0.568%
32	7.701	533	535	539	rBV3	81346	166933	6.31%	0.409%
33	7.827	539	546	547	rBV2	548899	1006912	38.08%	2.467%
34	7.850	547	548	551	rVB3	166739	257119	9.72%	0.630%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.907	551	553	558	rVB2	277098	440449	16.66%	1.079%
36	7.987	558	560	561	rBV	50338	70413	2.66%	0.173%
37	8.033	561	564	566	rVB4	123521	219856	8.32%	0.539%
38	8.067	566	567	568	rBV	68261	66305	2.51%	0.162%
39	8.124	568	572	574	rBV4	183955	424133	16.04%	1.039%
40	8.159	574	575	576	rVB	93842	64376	2.43%	0.158%
41	8.193	576	578	579	rBV2	57224	106195	4.02%	0.260%
42	8.216	579	580	582	rVB	206781	165791	6.27%	0.406%
43	8.261	582	584	588	rBV2	368305	652199	24.67%	1.598%
44	8.330	588	590	592	rBV2	202299	260805	9.86%	0.639%
45	8.364	592	593	597	rVB4	110295	166355	6.29%	0.408%
46	8.490	597	604	605	rBV5	175033	668769	25.29%	1.638%
47	8.536	605	608	611	rBV2	206544	421081	15.93%	1.032%
48	8.639	615	617	619	rBV2	357702	559167	21.15%	1.370%
49	8.742	622	626	627	rBV4	194415	332125	12.56%	0.814%
50	8.776	627	629	630	rVB2	91495	110383	4.17%	0.270%
51	8.810	630	632	633	rVB	150637	158603	6.00%	0.389%
52	8.867	633	637	638	rBV2	462057	714311	27.02%	1.750%
53	8.902	638	640	644	rVB	922387	1344796	50.86%	3.295%
54	8.970	644	646	650	rBV4	162825	406773	15.38%	0.997%
55	9.050	650	653	656	rBV2	225192	347910	13.16%	0.852%
56	9.107	656	658	661	rVB2	213335	326173	12.34%	0.799%
57	9.164	661	663	666	rBV	483934	815387	30.84%	1.998%
58	9.210	666	667	668	rBV	58045	58584	2.22%	0.144%
59	9.244	668	670	671	rVV	484110	670907	25.37%	1.644%
60	9.267	671	672	674	rVB2	513278	531638	20.11%	1.302%
61	9.313	674	676	679	rBV	666935	858823	32.48%	2.104%
62	9.359	679	680	682	rVB	269855	297743	11.26%	0.729%
63	9.439	684	687	689	rBV4	246941	394724	14.93%	0.967%
64	9.576	695	699	700	rBV3	546789	772703	29.22%	1.893%
65	9.622	700	703	706	rVV4	165087	423214	16.01%	1.037%
66	9.690	706	709	711	rVB	370448	577952	21.86%	1.416%
67	9.724	711	712	715	rBV3	112059	206325	7.80%	0.505%
68	9.782	715	717	719	rVV	536173	552516	20.90%	1.354%
69	9.827	719	721	725	rVB3	315033	765833	28.97%	1.876%
70	9.896	725	727	728	rBV	507647	571708	21.62%	1.401%
71	9.930	728	730	732	rVB	153059	209852	7.94%	0.514%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.976	732	734	740	rBV3	272724	600767	22.72%	1.472%
73	10.067	740	742	745	rVB4	159763	227936	8.62%	0.558%
74	10.113	745	746	747	rBV	179966	209766	7.93%	0.514%
75	10.147	747	749	750	rVV2	220029	247111	9.35%	0.605%
76	10.182	750	752	753	rVV	349319	341394	12.91%	0.836%
77	10.239	755	757	759	rVB2	217876	262645	9.93%	0.643%
78	10.285	759	761	763	rVB3	201795	361011	13.65%	0.884%
79	10.365	766	768	770	rVB3	559910	589116	22.28%	1.443%
80	10.513	777	781	783	rVB2	843093	1391255	52.62%	3.408%
81	10.559	783	785	786	rBV2	256065	274960	10.40%	0.674%
82	10.696	795	797	798	rBV2	300459	247958	9.38%	0.607%
83	10.970	818	821	824	rVB	810916	1032396	39.05%	2.529%
84	11.050	827	828	829	rBV	236073	264195	9.99%	0.647%
85	11.176	836	839	840	rBV2	160943	235148	8.89%	0.576%
86	11.313	850	851	854	rVB2	309945	336986	12.75%	0.826%
87	11.553	870	872	874	rBV	274126	386197	14.61%	0.946%
88	11.588	874	875	877	rVV	270179	219816	8.31%	0.539%
89	11.668	880	882	887	rVB3	279820	642390	24.30%	1.574%
90	11.999	909	911	912	rVB	145393	119681	4.53%	0.293%
91	12.033	912	914	918	rVB2	240983	444751	16.82%	1.090%
92	12.102	918	920	922	rBV	446036	640639	24.23%	1.569%
93	12.193	926	928	930	rVV	117887	139357	5.27%	0.341%
94	12.262	932	934	937	rBV3	124047	191482	7.24%	0.469%
95	12.513	954	956	958	rVB	203404	236031	8.93%	0.578%
96	12.548	958	959	961	rBV	199366	286667	10.84%	0.702%
97	12.639	965	967	971	rVV	912921	1065284	40.29%	2.610%
98	12.925	990	992	995	rBV2	175908	324283	12.26%	0.794%
99	13.691	1057	1059	1062	rBV	245212	391228	14.80%	0.958%
100	15.051	1176	1178	1183	rVB	221211	328537	12.43%	0.805%

Sum of corrected areas: 40818347

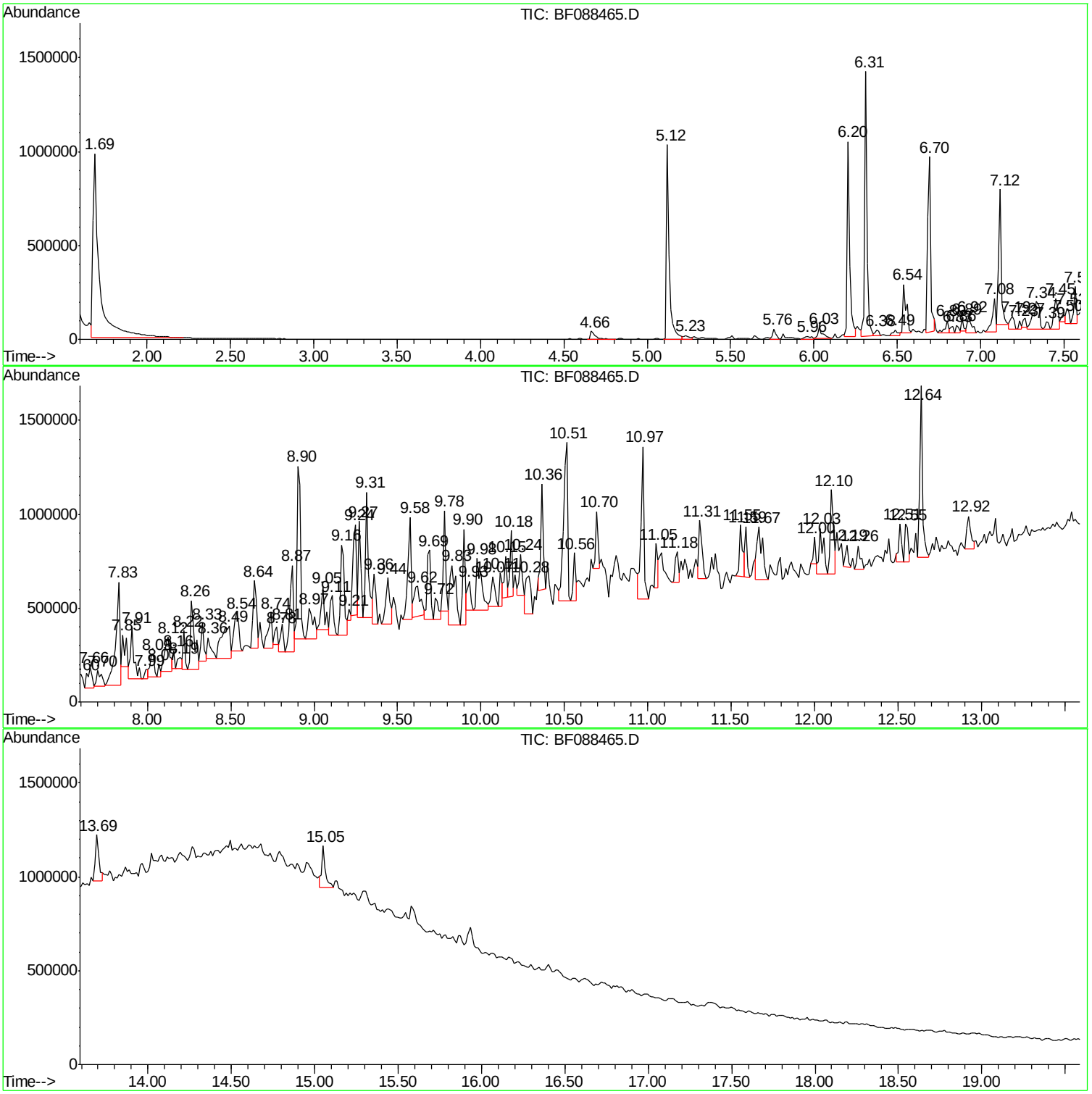
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

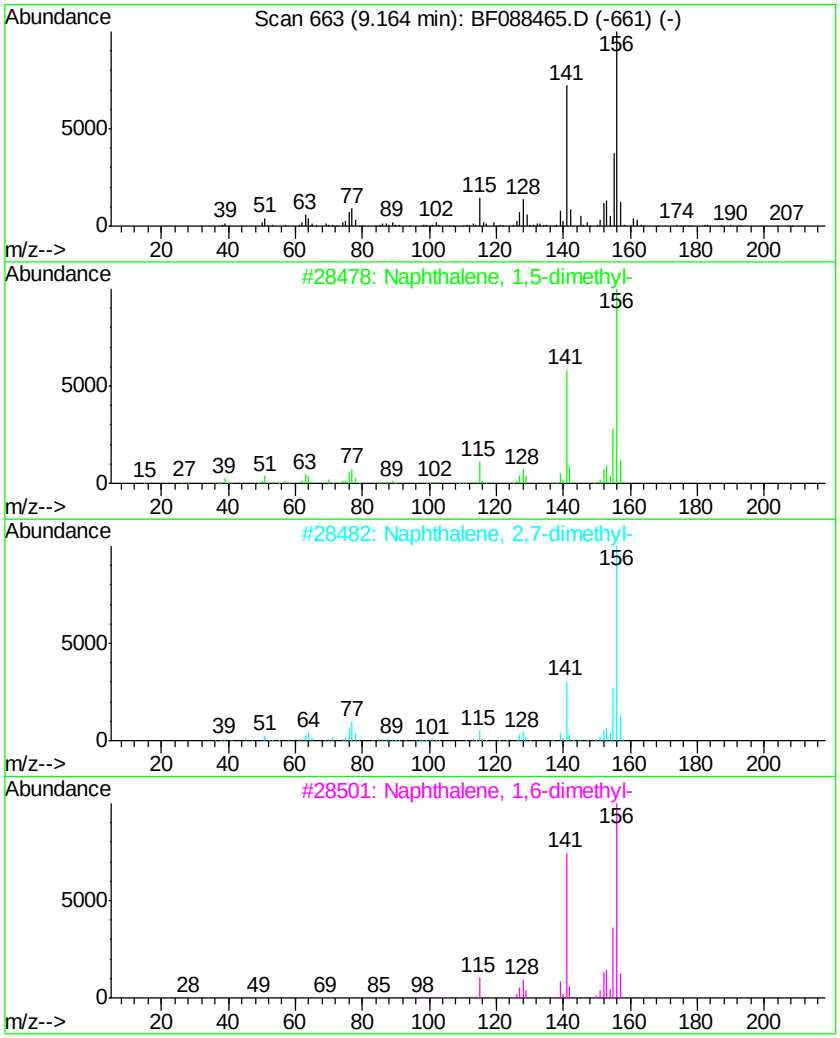
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

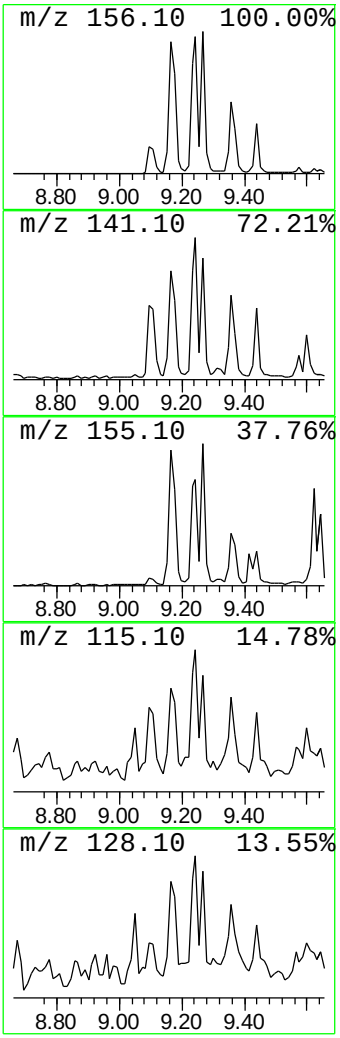
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	21.10 ng	815387	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

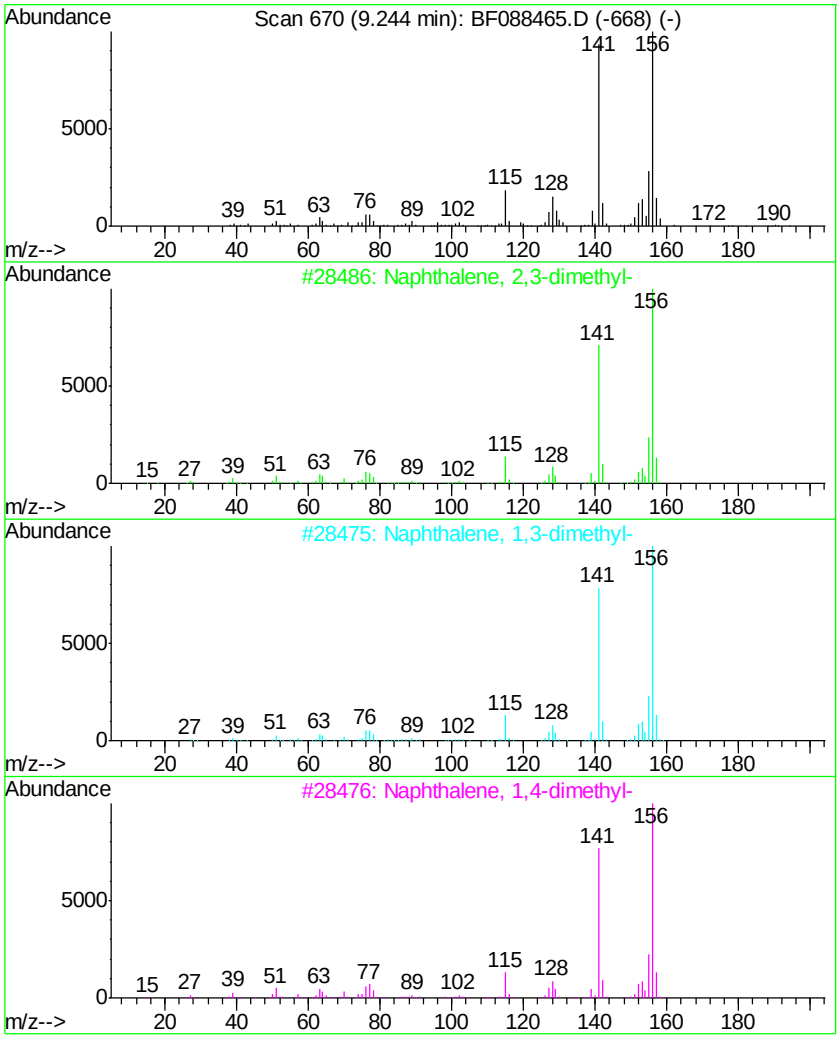
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

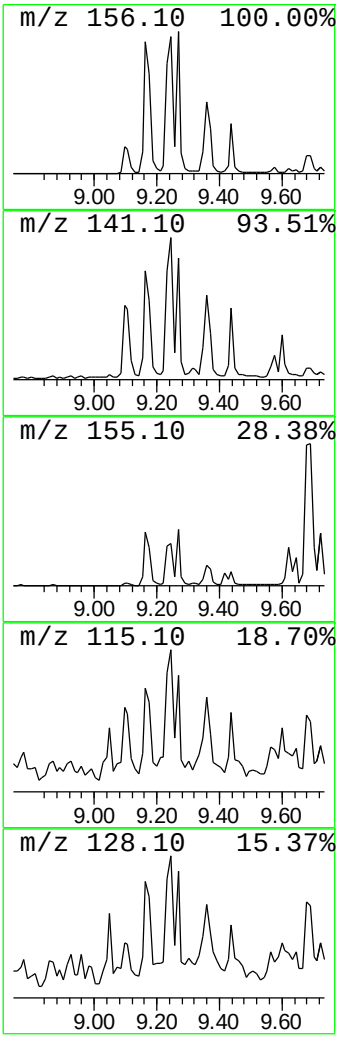
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	17.37 ng	670907	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

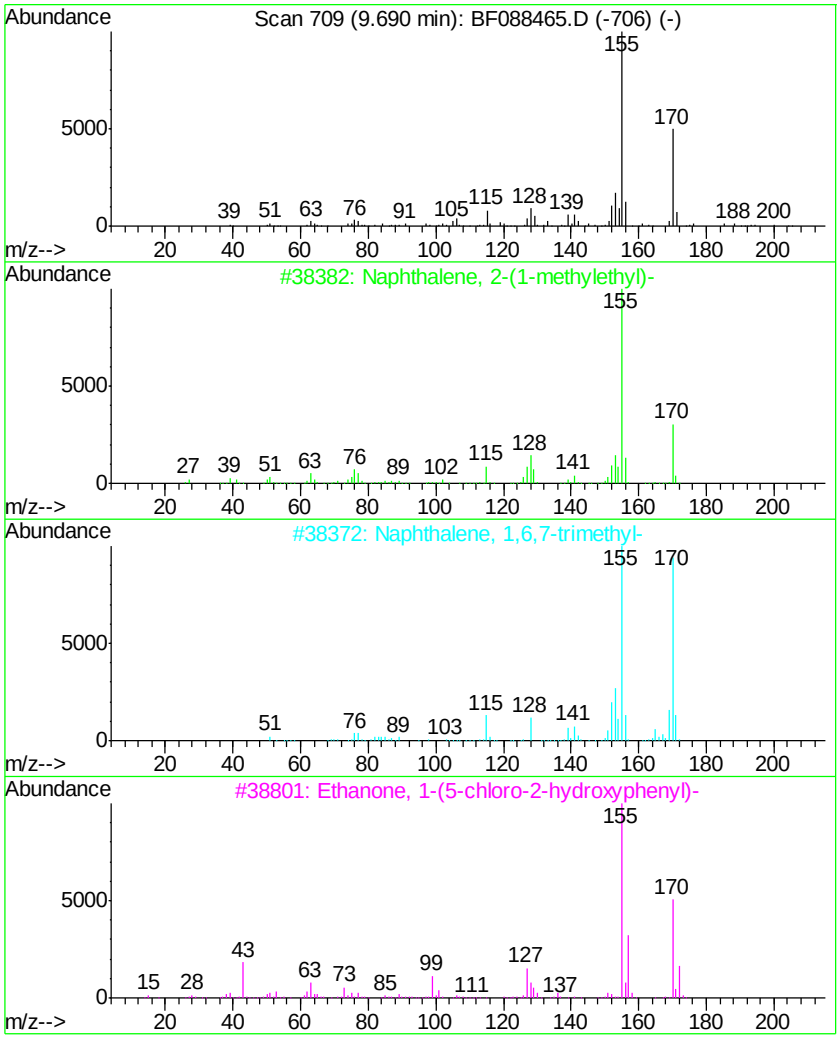
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

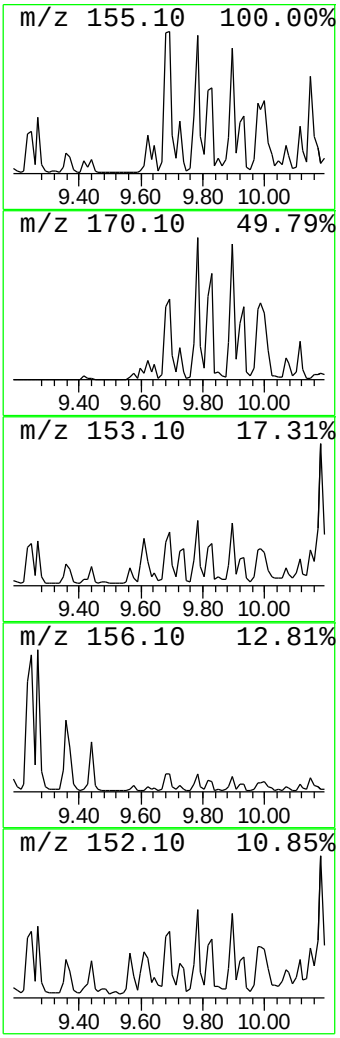
****

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	14.96 ng	577952	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

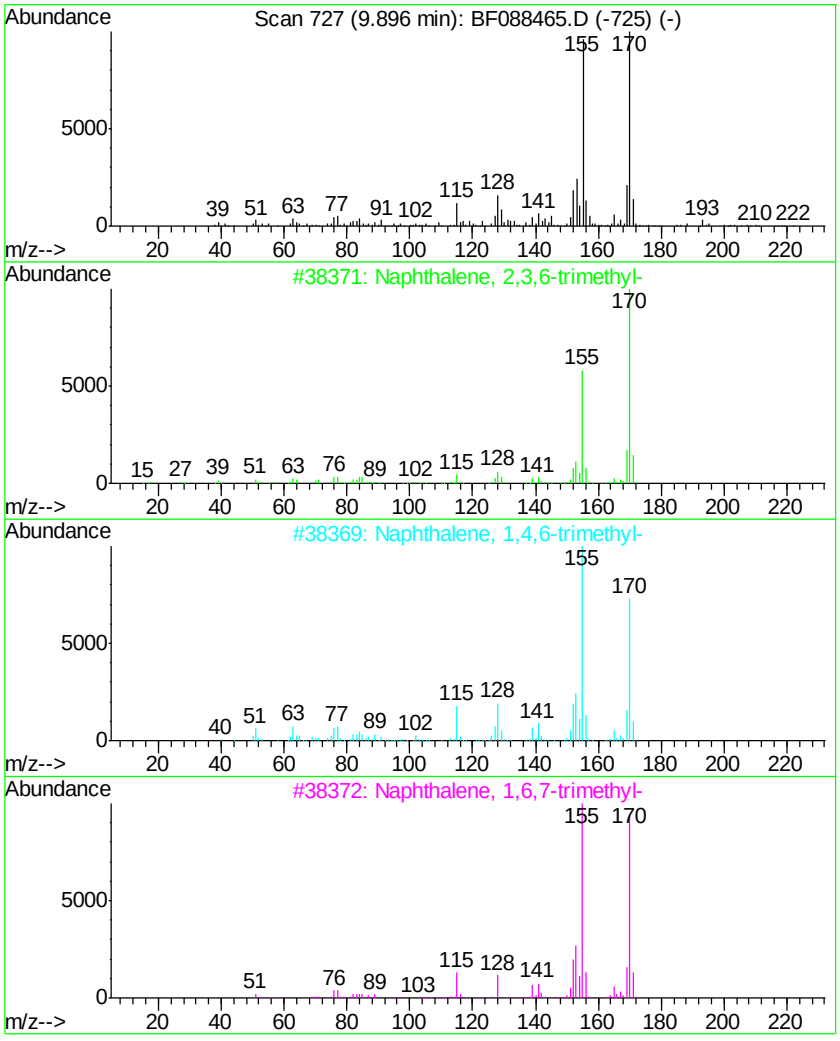
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

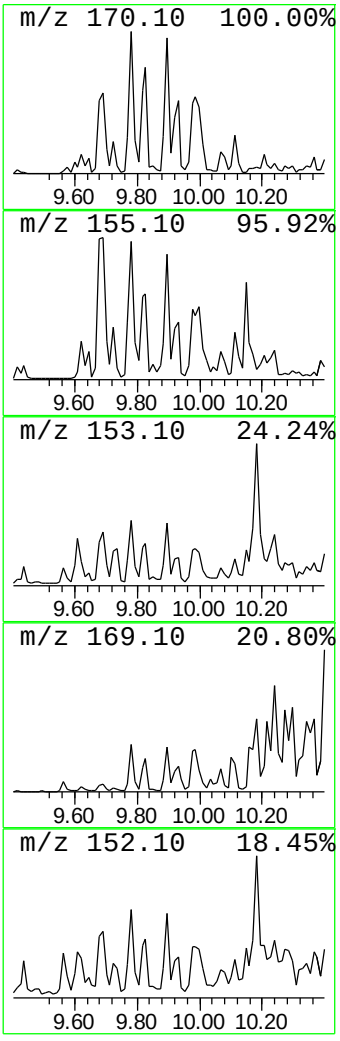
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	14.80 ng	571708	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

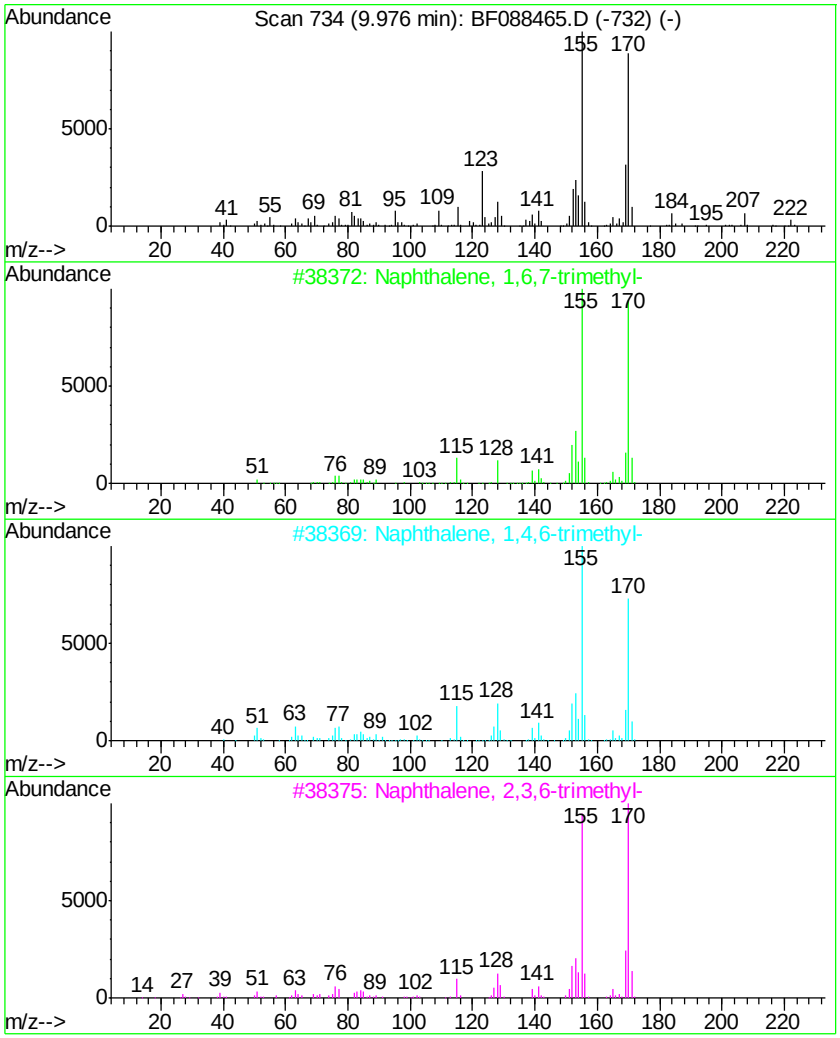
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

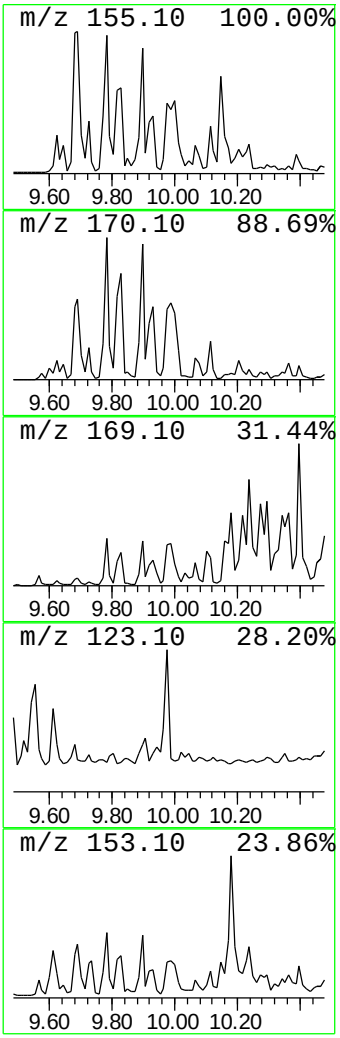
****

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	15.55 ng	600767	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

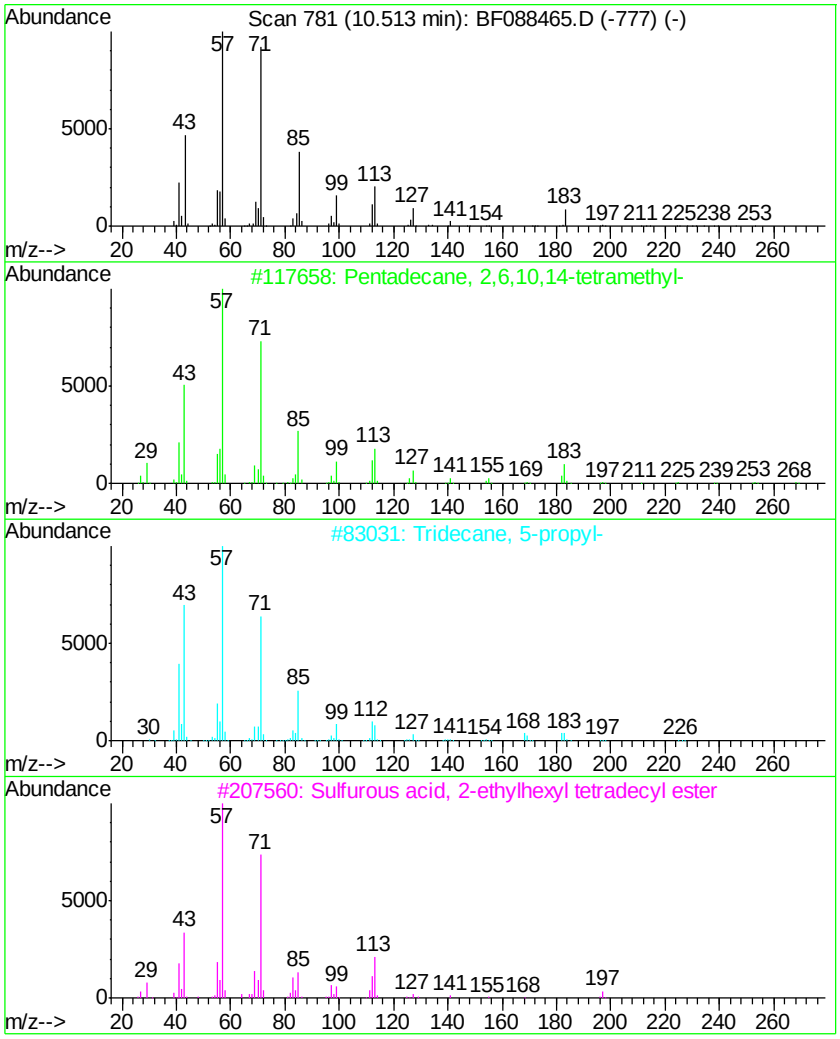
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

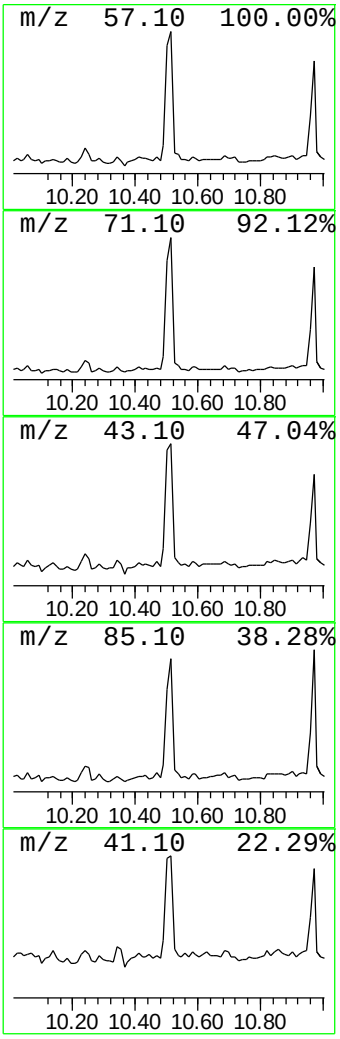
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	105.32 ng	1391260	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

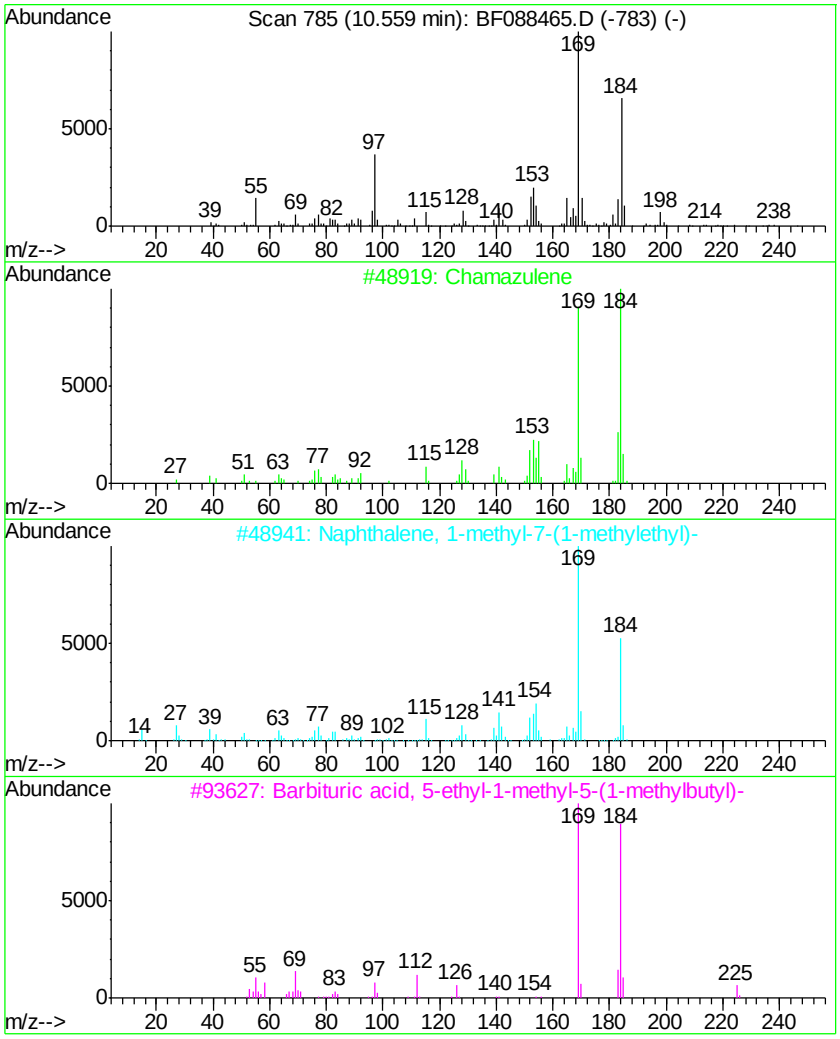
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

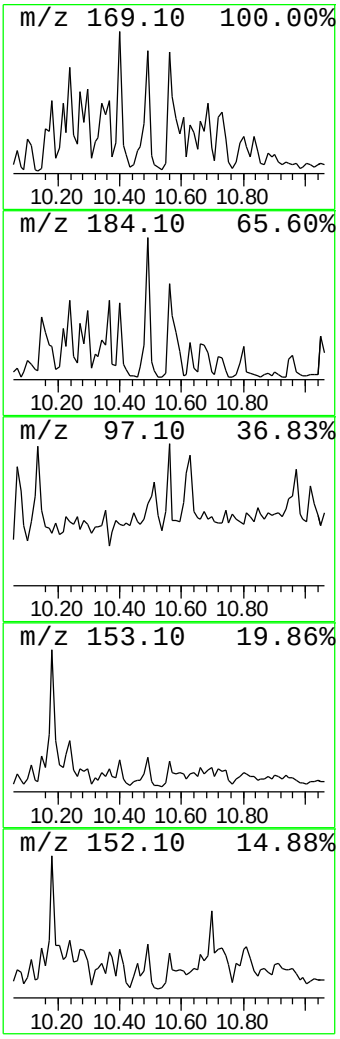
****

Peak Number 11 Chamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	20.81 ng	274960	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	86
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
3	Barbituric acid, 5-ethyl-1-methy...	240	C12H20N2O3	057562-99-9	53
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	53
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

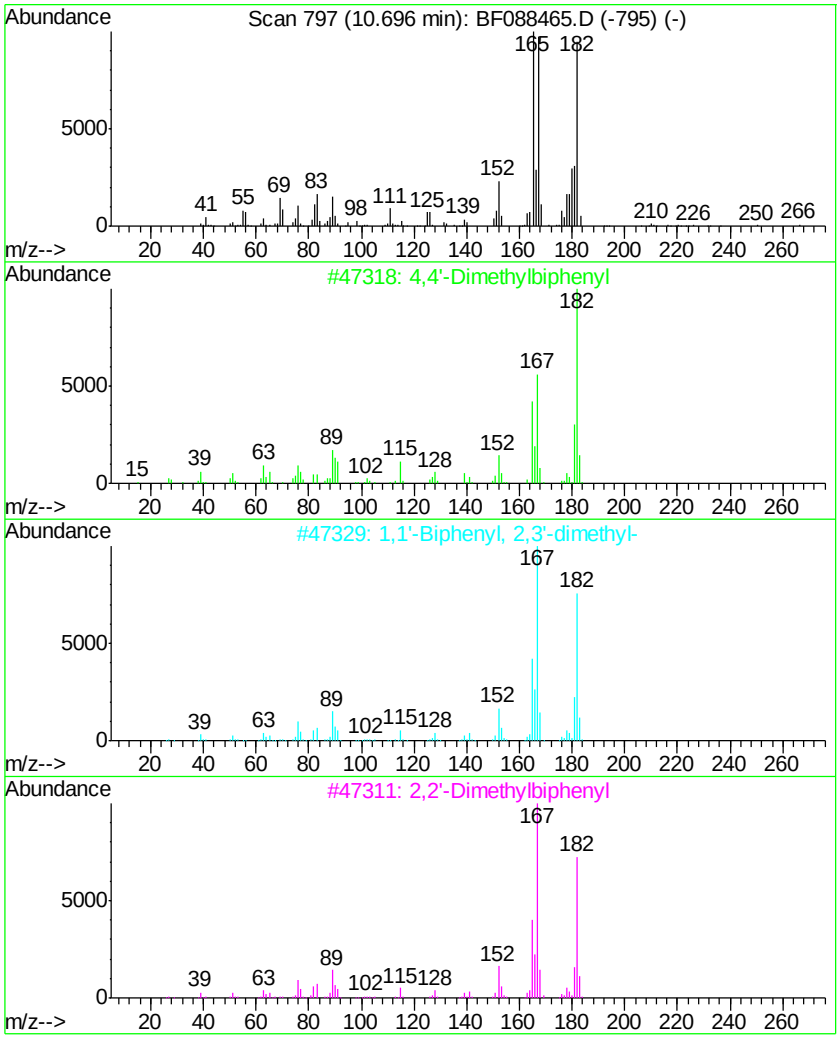
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

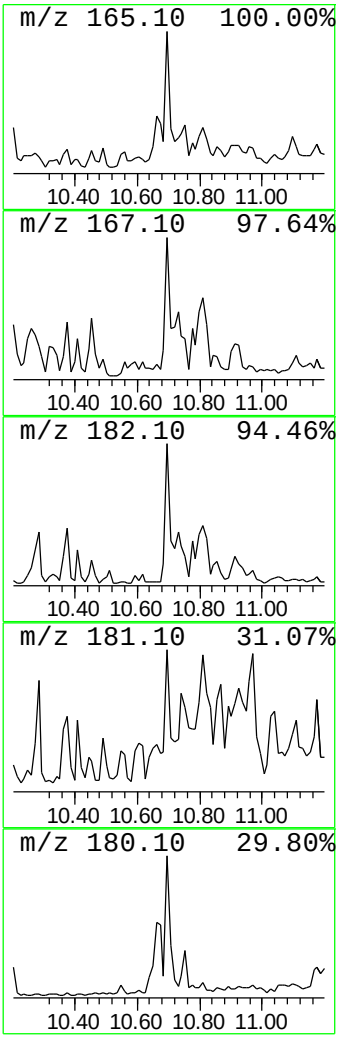
****

Peak Number 12 4,4'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	18.77 ng	247958	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	53
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	52
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

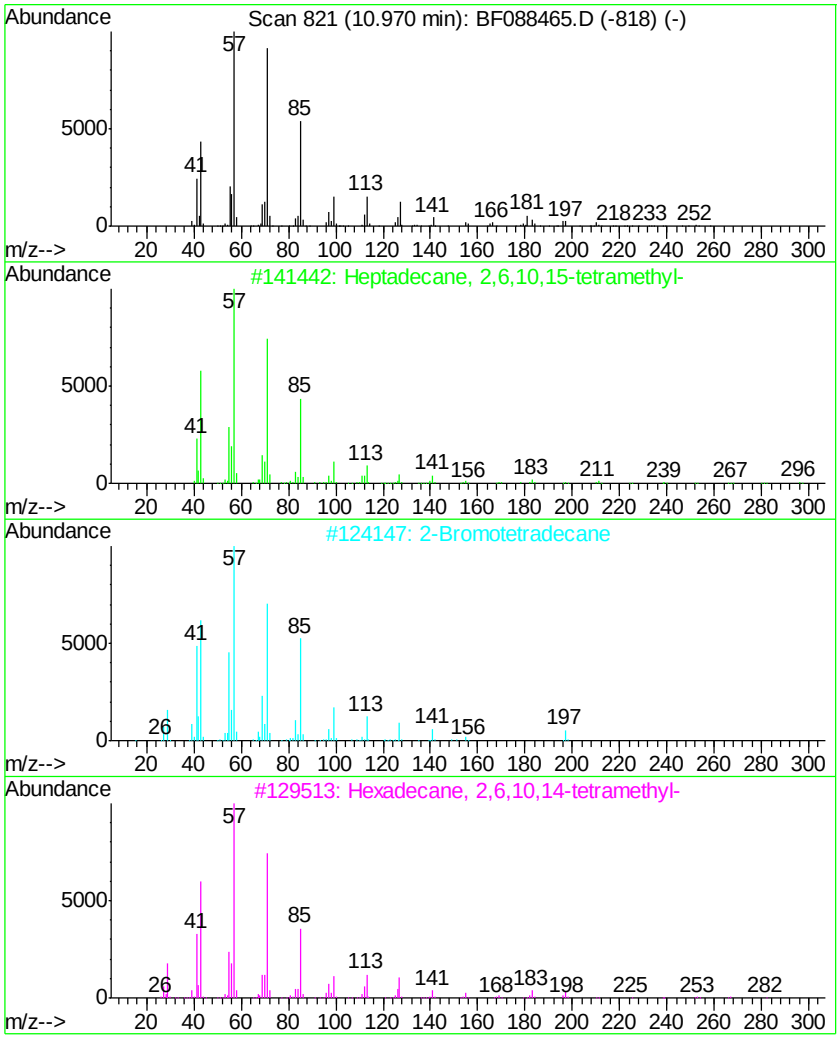
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

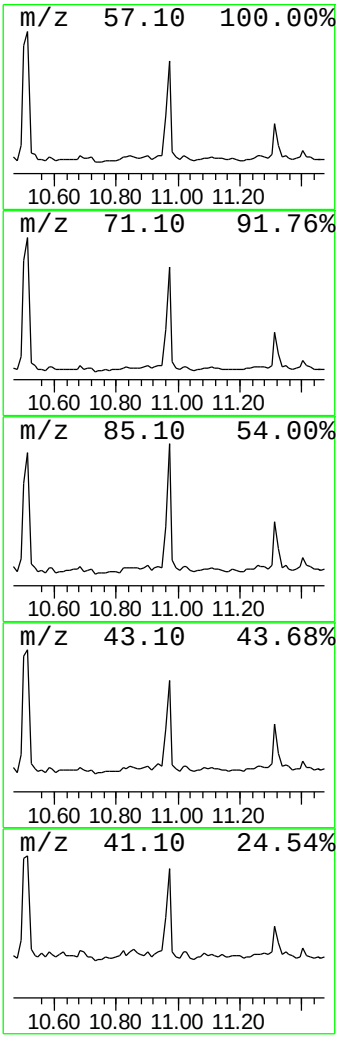
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	78.15 ng	1032400	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

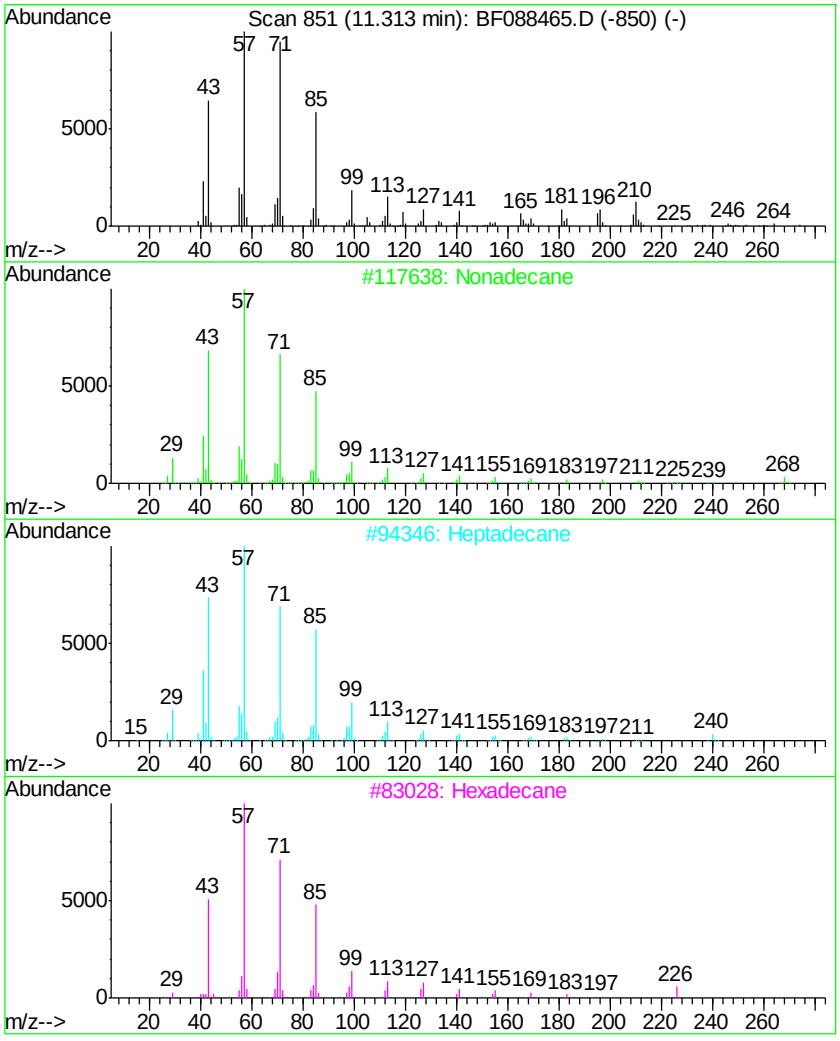
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

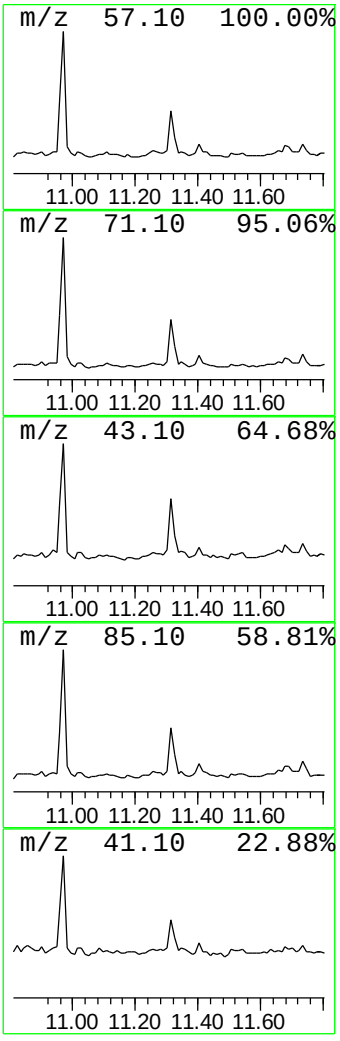
****

Peak Number 14 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	25.51 ng	336986	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	86
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

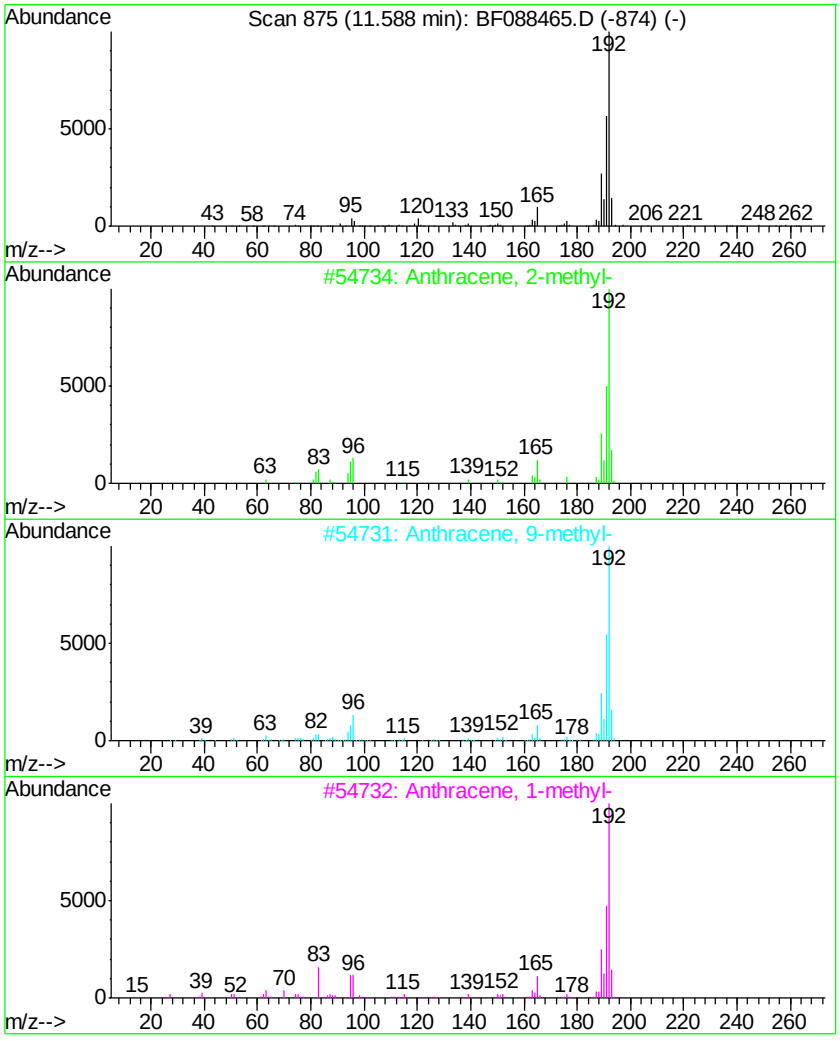
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

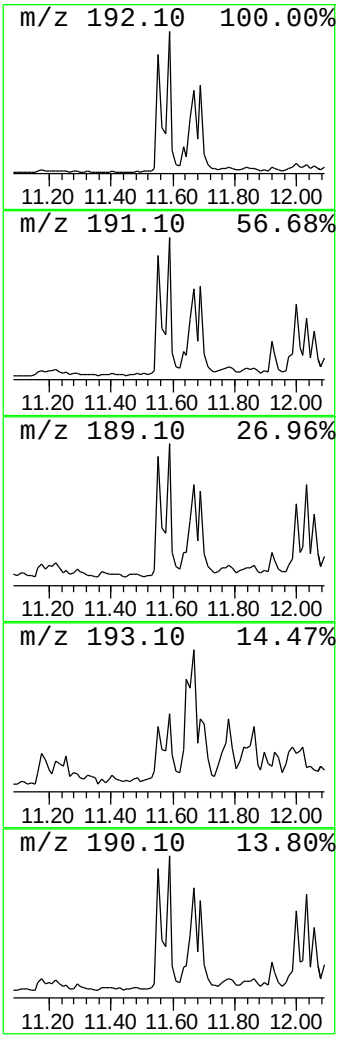
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	16.64 ng	219816	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

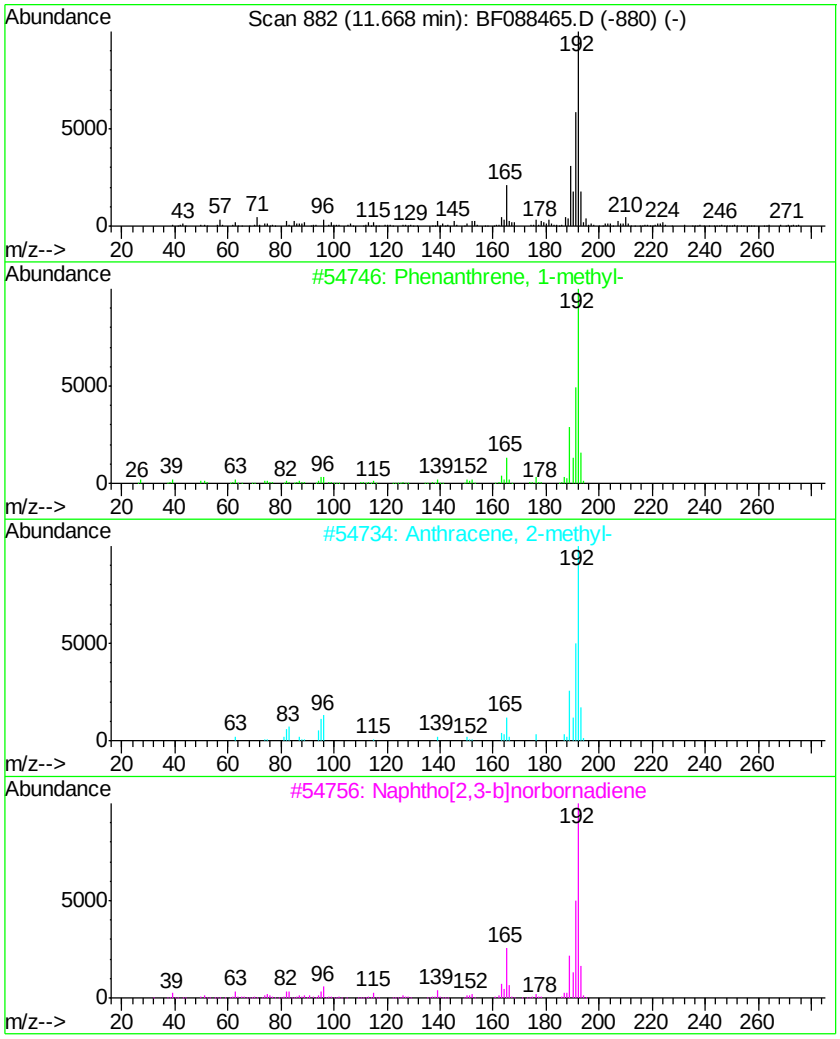
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

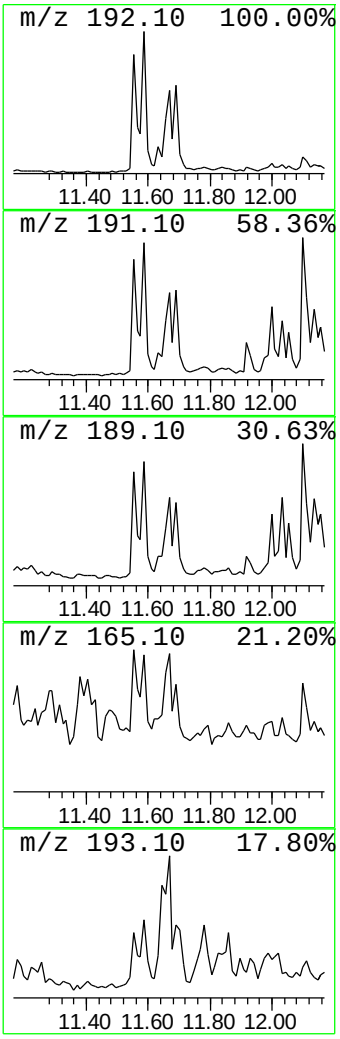
****

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	48.63 ng	642390	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

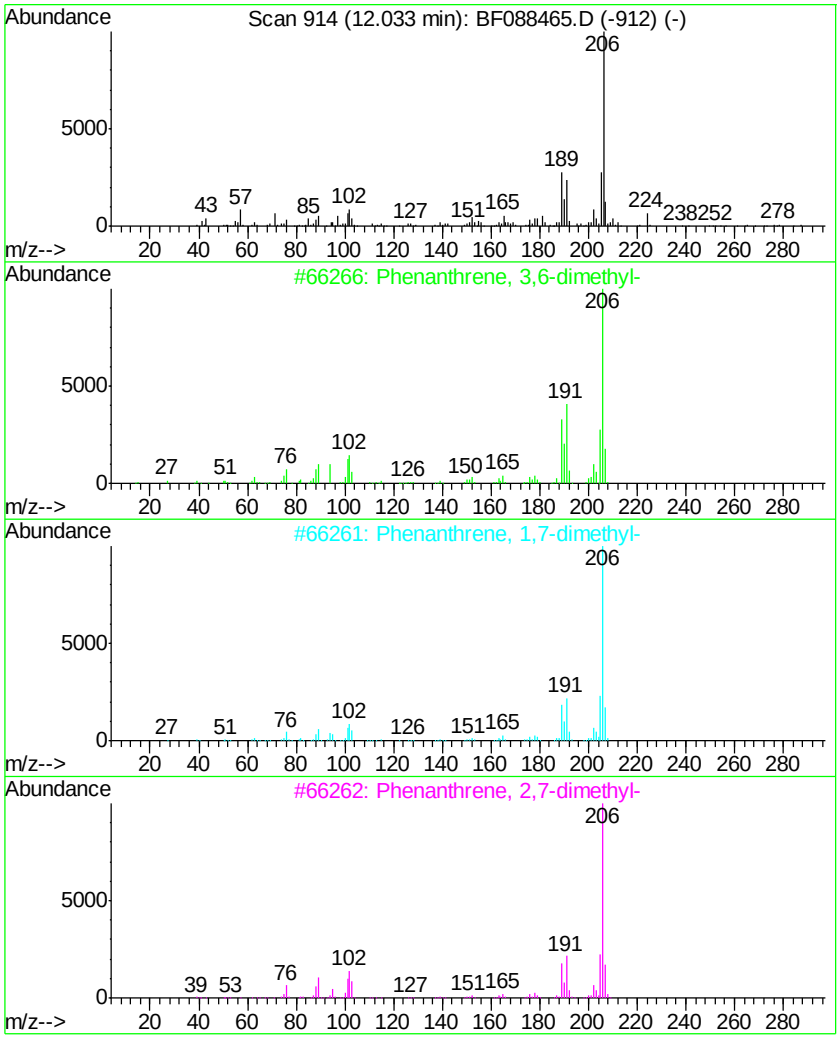
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

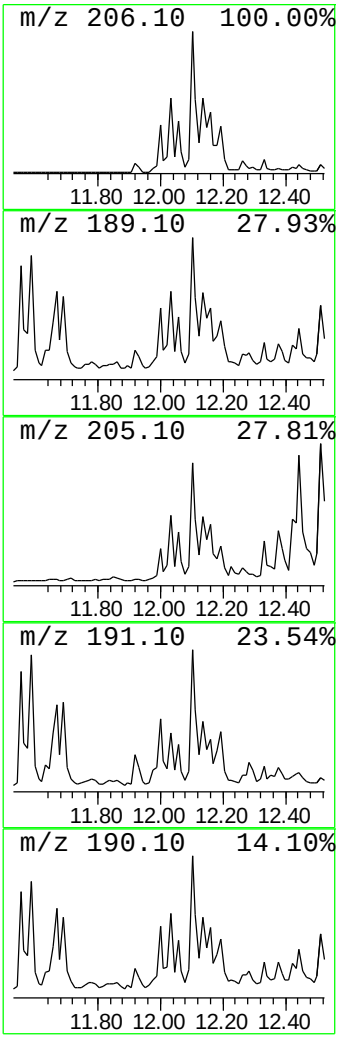
****

Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	33.67 ng	444751	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	72
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

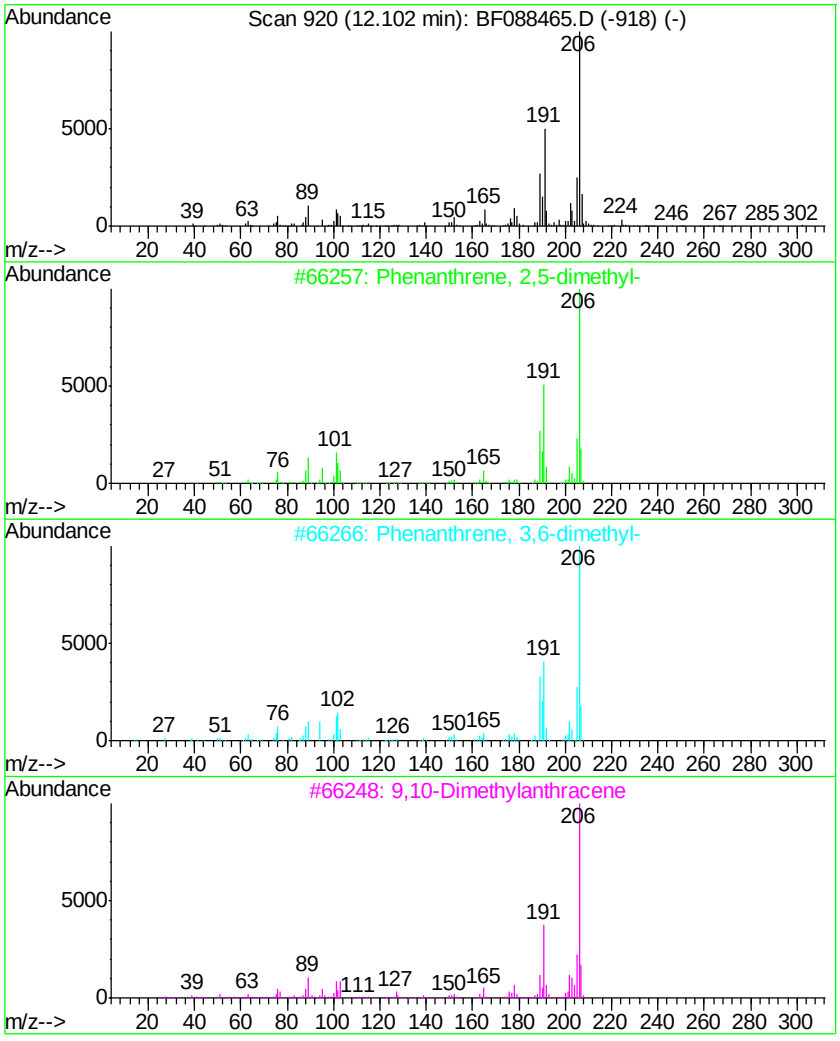
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

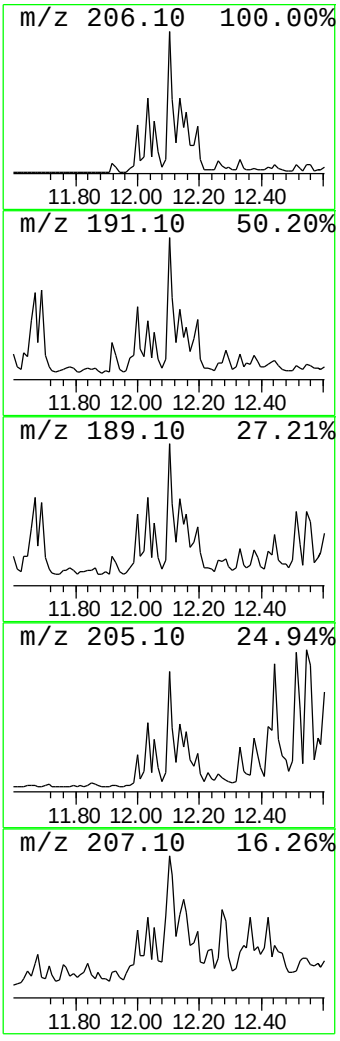
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	48.50 ng	640639	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

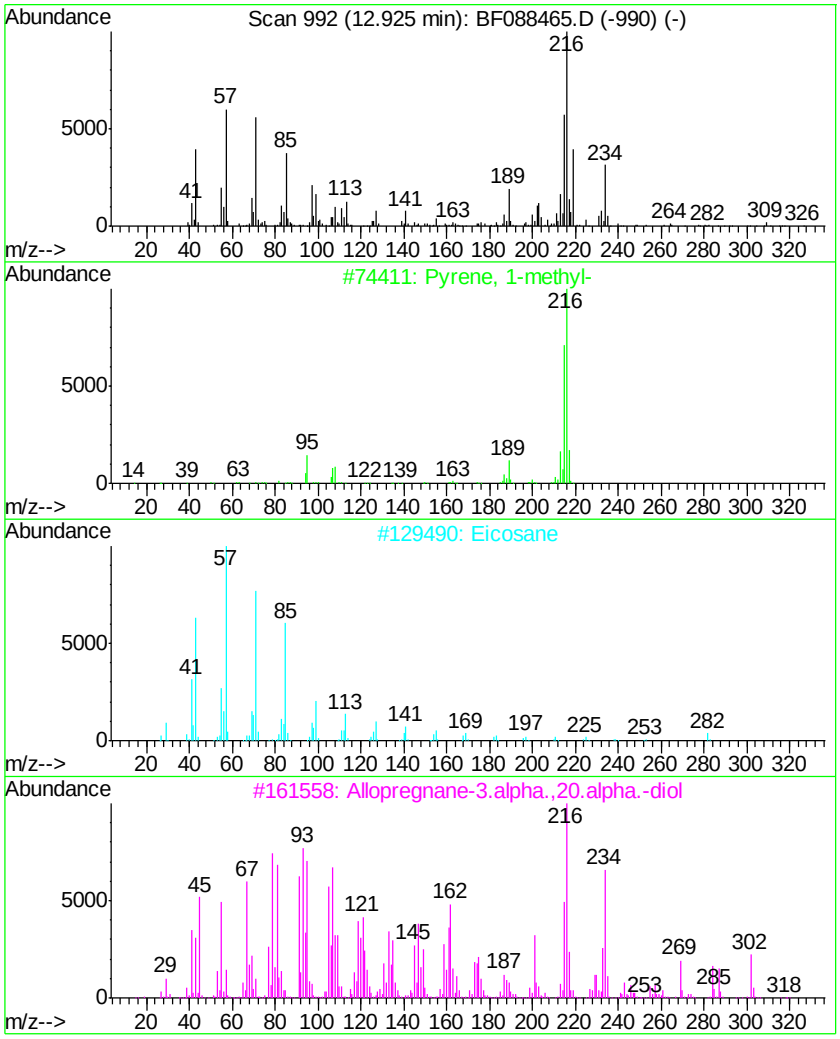
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

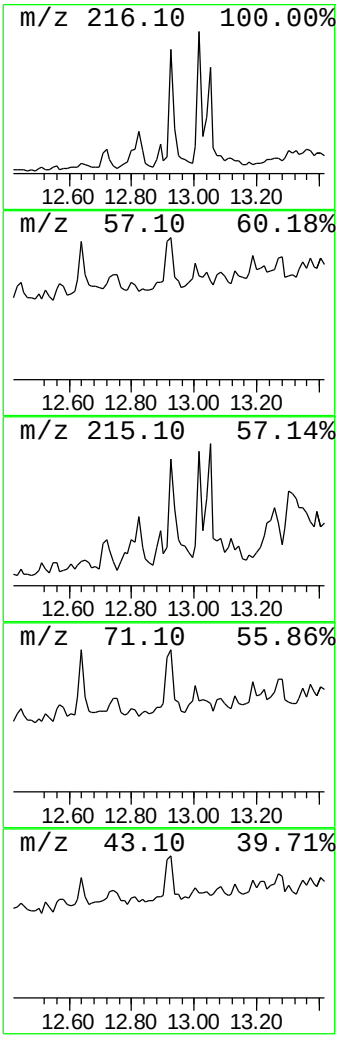
****

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	16.58 ng	324283	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	Eicosane	282	C20H42	000112-95-8	46
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	38
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	38
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088465.D
Acq On : 27 Jun 2016 21:52
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,5-...	9.16	21.1	ng	815387	3	9.58	772703	20.0
Naphthalene, 2,3-...	9.24	17.4	ng	670907	3	9.58	772703	20.0
Naphthalene, 2-(1...	9.69	15.0	ng	577952	3	9.58	772703	20.0
Naphthalene, 2,3,...	9.90	14.8	ng	571708	3	9.58	772703	20.0
Naphthalene, 1,6,...	9.98	15.6	ng	600767	3	9.58	772703	20.0
Pentadecane, 2,6,...	10.51	105.3	ng	1391260	4	11.05	264195	20.0
Chamazulene	10.56	20.8	ng	274960	4	11.05	264195	20.0
4,4'-Dimethylbiph...	10.70	18.8	ng	247958	4	11.05	264195	20.0
Heptadecane, 2,6,...	10.97	78.2	ng	1032400	4	11.05	264195	20.0
Nonadecane	11.31	25.5	ng	336986	4	11.05	264195	20.0
Anthracene, 2-met...	11.59	16.6	ng	219816	4	11.05	264195	20.0
Phenanthrene, 1-m...	11.67	48.6	ng	642390	4	11.05	264195	20.0
Phenanthrene, 3,6...	12.03	33.7	ng	444751	4	11.05	264195	20.0
Phenanthrene, 2,5...	12.10	48.5	ng	640639	4	11.05	264195	20.0
Pyrene, 1-methyl-	12.92	16.6	ng	324283	5	13.69	391228	20.0