LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

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-BF041516.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	2.190	6	9	17	rVB	298951	438981	5.67%	0.334%
2	5.093	261	263	268	rBV	331673	461362	5.96%	0.351%
3	5.493	294	298	300	rBV	5923909	7480981	96.59%	5.696%
4	6.521	384	388	390	rVB	4800053	7745431	100.00%	5.897%
5	6.659	396	400	402	rBV	5418255	7388970	95.40%	5.626%
6	6.887	417	420	422	rBV	2497069	2219328	28.65%	1.690%
7	7.047	431	434	436	rBV	4919210	5636092	72.77%	4.291%
8	7.447	466	469	472	rBV	4029130	4614173	59.57%	3.513%
9	7.539	474	477	479	rVB	170986	219472	2.83%	0.167%
10	8.167	530	532	535	rBV	2493762	2955969	38.16%	2.251%
11	8.979	601	603	605	rVB	144928	156629	2.02%	0.119%
12	9.253	624	627	629	rVB	6453454	7166805	92.53%	5.457%
13	9.585	652	656	657	rBV	210261	215760	2.79%	0.164%
14	9.642	659	661	663	rVV	1612408	1344430	17.36%	1.024%
15	9.699	663	666	671	rVB3	81811	142274	1.84%	0.108%
16	9.859	678	680	682	rBV	205309	201488	2.60%	0.153%
17	9.927	682	686	687	rBV	3443469	3319048	42.85%	2.527%
18	9.962	687	689	690	rVB	936760	956211	12.35%	0.728%
19	10.133	702	704	705	rVV	321947	445271	5.75%	0.339%
20	10.168	705	707	710	rVB4	78178	141014	1.82%	0.107%
21	10.339	718	722	723	rBV	147890	241106	3.11%	0.184%
22	10.362	723	724	726	rVB	488674	362720	4.68%	0.276%
23	10.465	732	733	736	rVB	679613	947379	12.23%	0.721%
24	10.533	736	739	740	rBV	133821	211463	2.73%	0.161%
25	10.556	740	741	742	rVV	209137	216401	2.79%	0.165%
26	10.625	746	747	749	rVB2	212724	263945	3.41%	0.201%
27	10.716	752	755	757	rVV	3842198	4514133	58.28%	3.437%
28	10.830	764	765	771	rVB	429342	618795	7.99%	0.471%
29	11.013	777	781	787	rBV5	187906	635934	8.21%	0.484%
30	11.173	790	795	797	rVV3	118046	373563	4.82%	0.284%
31	11.208	797	798	801	rVB	314090	293986	3.80%	0.224%
32	11.299	801	806	810	rVB3	293092	899182	11.61%	0.685%
33	11.413	813	816	817	rVV	2746078	3967308	51.22%	3.021%
34	11.436	817	818	820	rVV	5497284	4195155	54.16%	3.194%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

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-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.482	820	822	824	rVV	2186022	2106930	27.20%	1.604%
36	11.516	824	825	827	rVB	242623	196102	2.53%	0.149%
37	11.631	832	835	837	rBV2	637484	925350	11.95%	0.705%
38	11.711	839	842	843	rBV2	265187	313416	4.05%	0.239%
39	11.905	857	859	861	rBV	712910	1034138	13.35%	0.787%
40	11.939	861	862	864	rVB	1510634	1155050	14.91%	0.879%
41	11.985	864	866	867	rBV	556032	507598	6.55%	0.386%
42	12.019	867	869	873	rVB2	1436750	1999388	25.81%	1.522%
43	12.111	876	877	879	rBV	192639	159493	2.06%	0.121%
44	12.202	883	885	889	rVB2	645180	1045519	13.50%	0.796%
45	12.351	896	898	900	rBV	170058	191630	2.47%	0.146%
46	12.453	905	907	909	rBV	346721	404639	5.22%	0.308%
47	12.499	909	911	913	rBV2	233125	338608	4.37%	0.258%
48	12.545	913	915	919	rVB2	246033	331205	4.28%	0.252%
49	12.625	919	922	924	rBV	5232544	5490660	70.89%	4.181%
50	12.682	924	927	930	rVB2	127955	228479	2.95%	0.174%
51	12.762	930	934	938	rVB3	139428	376357	4.86%	0.287%
52	12.854	938	942	944	rBV2	4211172	6136889	79.23%	4.673%
53	12.899	944	946	948	rVB2	362060	441101	5.69%	0.336%
54	12.968	949	952	953	rBV	460451	638553	8.24%	0.486%
55	13.002	953	955	957	rVB	4507306	5630523	72.69%	4.287%
56	13.071	957	961	964	rBV3	396937	798264	10.31%	0.608%
57	13.174	964	970	972	rBV	1083432	1477175	19.07%	1.125%
58	13.242	974	976	977	rBV2	883992	865296	11.17%	0.659%
59	13.276	977	979	981	rVV	676031	720511	9.30%	0.549%
60	13.334	983	984	986	rBV	173318	173977	2.25%	0.132%
61	13.368	986	987	988	rBV	245280	181117	2.34%	0.138%
62	13.402	988	990	993	rVB2	246442	246861	3.19%	0.188%
63	13.471	995	996	999	rVB2	139459	200554	2.59%	0.153%
64	13.528	999	1001	1002	rBV2	186129	179543	2.32%	0.137%
65	13.574	1002	1005	1008	rVB4	357779	548688	7.08%	0.418%
66	13.676	1011	1014	1017	rBV	395748	538556	6.95%	0.410%
67	13.791	1021	1024	1025	rBV2	415570	562266	7.26%	0.428%
68	13.825	1025	1027	1031	rVV3	297287	883382	11.41%	0.673%
69	13.894	1031	1033	1036	rVB2	748014	1291876	16.68%	0.984%
70	13.962	1036	1039	1042	rVB2	82546	158367	2.04%	0.121%
71	14.042	1042	1046	1047	rBV2	2950005	4814470	62.16%	3.666%

LSC Area Percent Report

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Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

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-BF041516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.145	1051	1055	1057	rBV	435693	513595	6.63%	0.391%
73	14.179	1057	1058	1060	rVV	226705	236320	3.05%	0.180%
74	14.225	1060	1062	1064	rVV2	301327	407126	5.26%	0.310%
75	14.259	1064	1065	1067	rVB	209416	224729	2.90%	0.171%
76	14.362	1072	1074	1075	rBV2	141886	141363	1.83%	0.108%
77	14.431	1075	1080	1081	rBV	405525	626631	8.09%	0.477%
78	14.465	1081	1083	1085	rVB2	210289	221560	2.86%	0.169%
79	14.522	1085	1088	1089	rBV2	462112	514168	6.64%	0.391%
80	14.568	1089	1092	1094	rVB4	173849	434394	5.61%	0.331%
81	14.625	1094	1097	1100	rVB4	128386	275308	3.55%	0.210%
82	14.728	1103	1106	1107	rBV	149726	201441	2.60%	0.153%
83	14.808	1111	1113	1118	rVB3	113379	302220	3.90%	0.230%
84	14.899	1118	1121	1126	rBV2	331615	523206	6.76%	0.398%
85	15.071	1133	1136	1140	rBV	1362397	2971025	38.36%	2.262%
86	15.162	1142	1144	1147	rVB2	313637	466418	6.02%	0.355%
87	15.277	1150	1154	1155	rBV3	101274	231538	2.99%	0.176%
88	15.357	1158	1161	1164	rVB	843749	1096471	14.16%	0.835%
89	15.414	1164	1166	1169	rBV	1165669	1539081	19.87%	1.172%
90	15.482	1169	1172	1173	rBV	1269354	1706158	22.03%	1.299%
91	15.642	1183	1186	1188	rBV3	92862	218396	2.82%	0.166%
92	15.940	1210	1212	1215	rBV3	91917	192448	2.48%	0.147%
93	16.340	1244	1247	1252	rBV4	76540	207892	2.68%	0.158%
94	16.717	1276	1280	1284	rBV3	122259	355940	4.60%	0.271%
95	16.877	1291	1294	1299	rVB2	496108	1088453	14.05%	0.829%
96	17.060	1307	1310	1312	rBV	113186	215060	2.78%	0.164%
97	17.311	1328	1332	1340	rVB	382080	956842	12.35%	0.729%
98	17.460	1340	1345	1348	rVV5	108677	347398	4.49%	0.265%
99	17.528	1348	1351	1358	rVB2	133278	373656	4.82%	0.284%
100	19.471	1515	1521	1527	rVB	112137	466711	6.03%	0.355%

Sum of corrected areas: 131338838

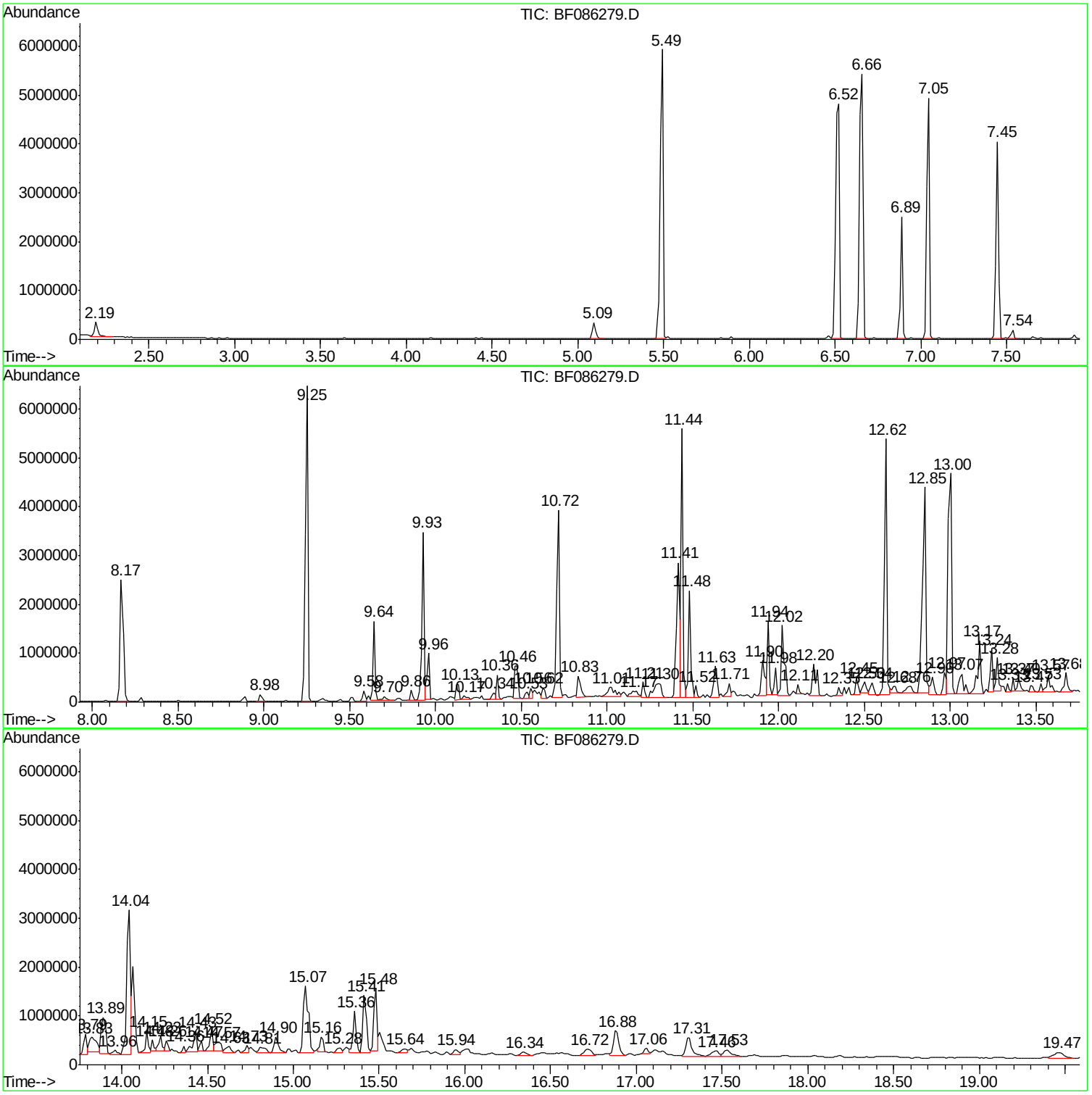
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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\BF041816\
Data File : BF086279.D
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Operator : UM/SJ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

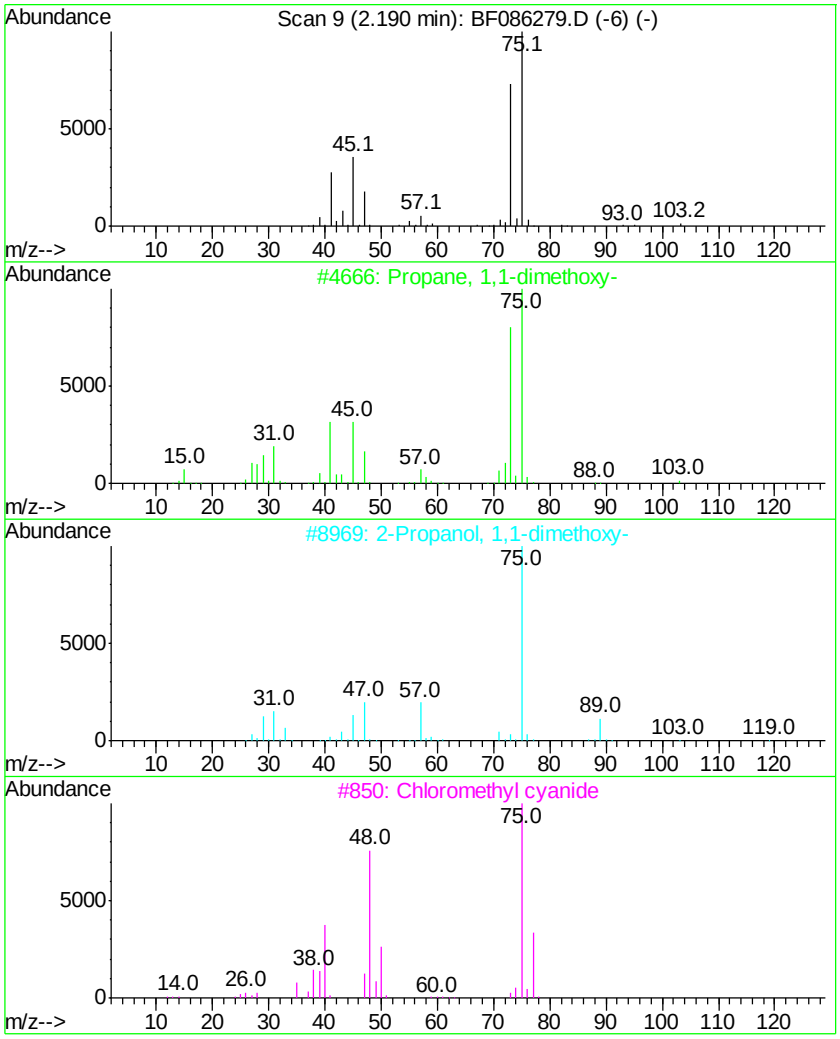
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

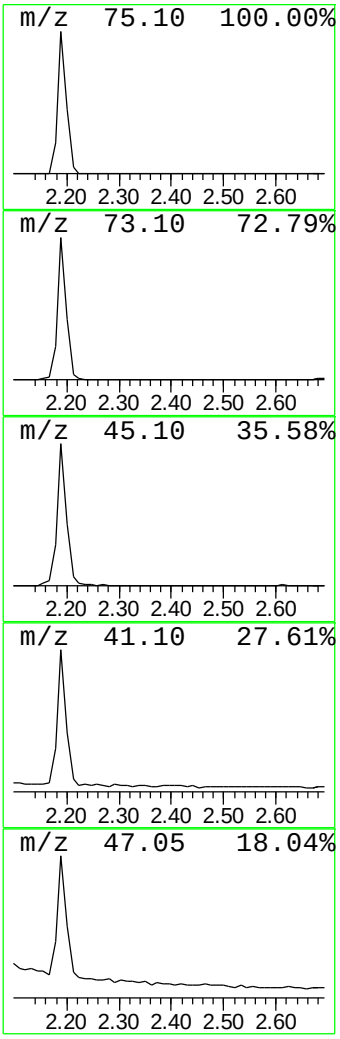
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	3.96 ng	438981	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	39
3	Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Acetic acid, (aminooxy)-	91	C2H5NO3	000645-88-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

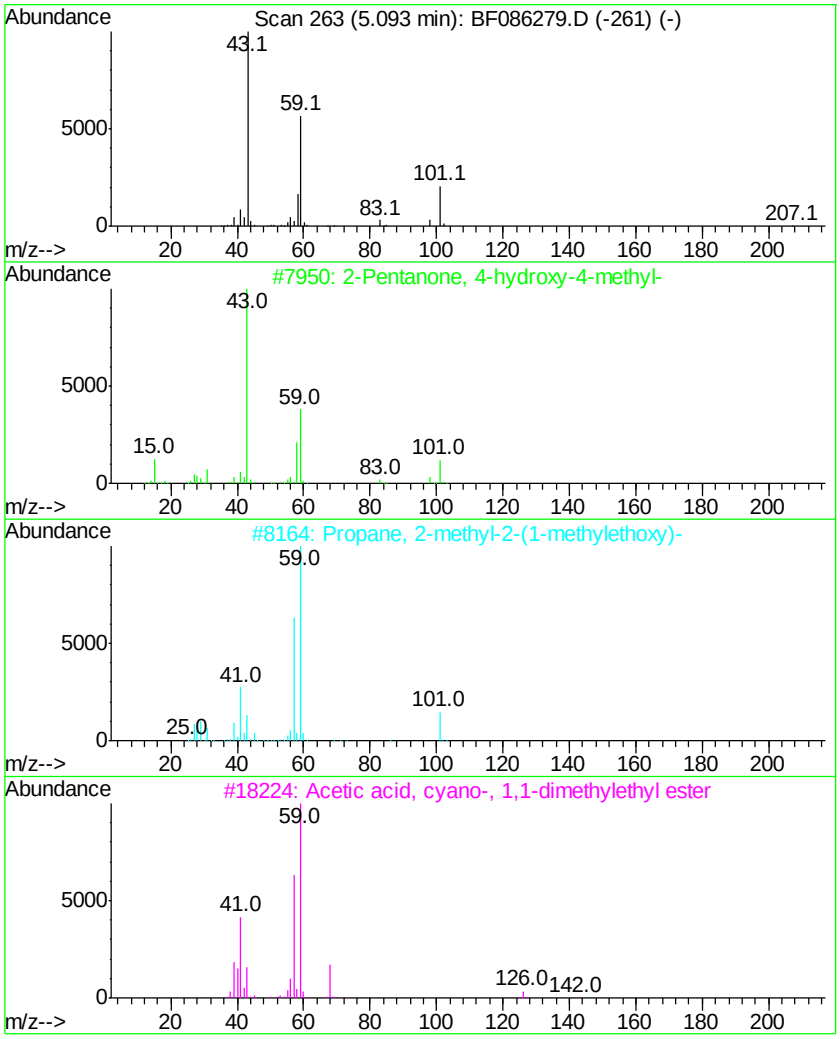
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

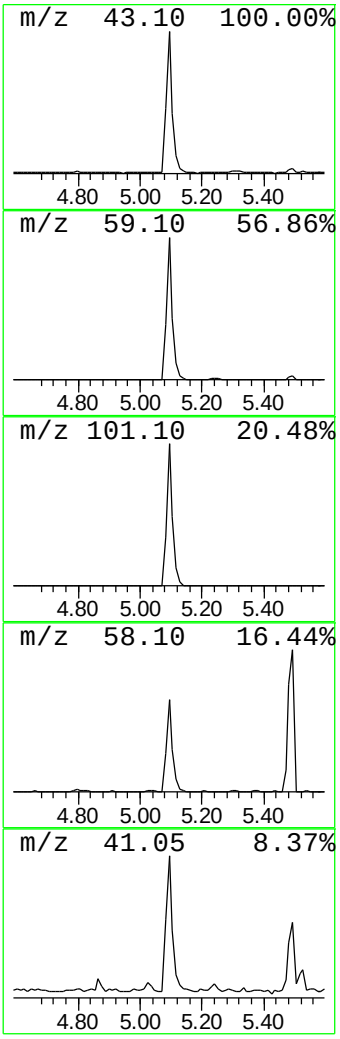
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.16 ng	461362	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

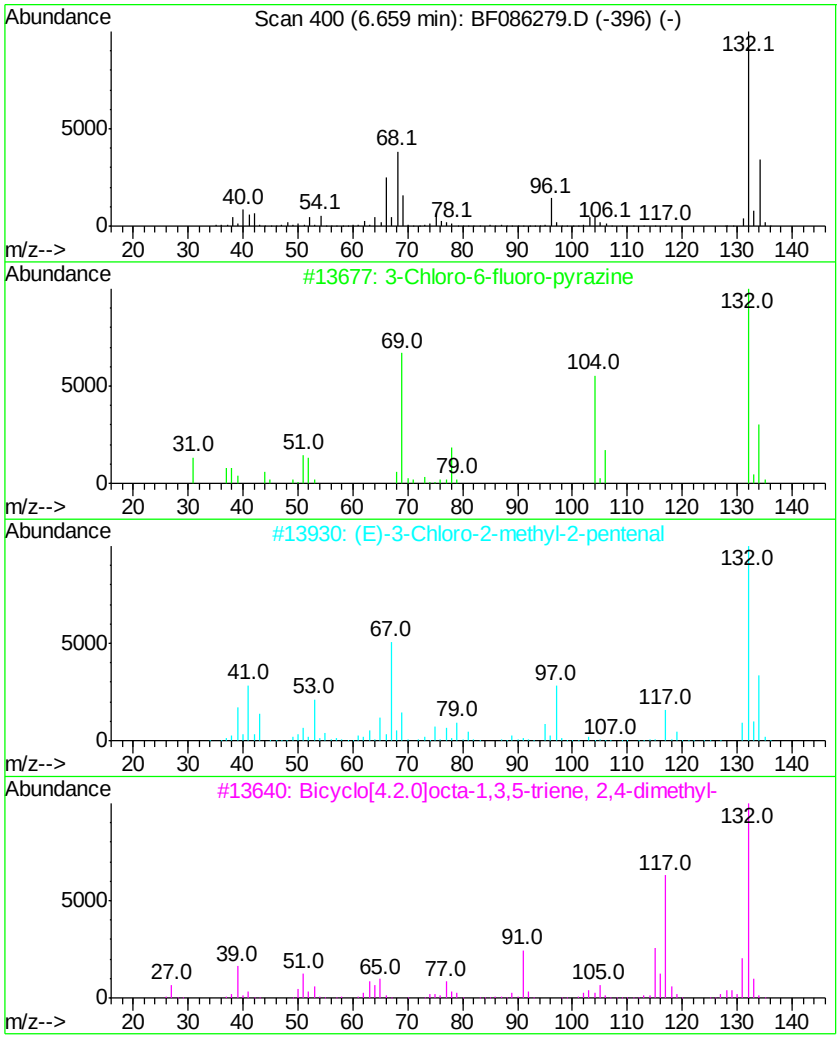
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

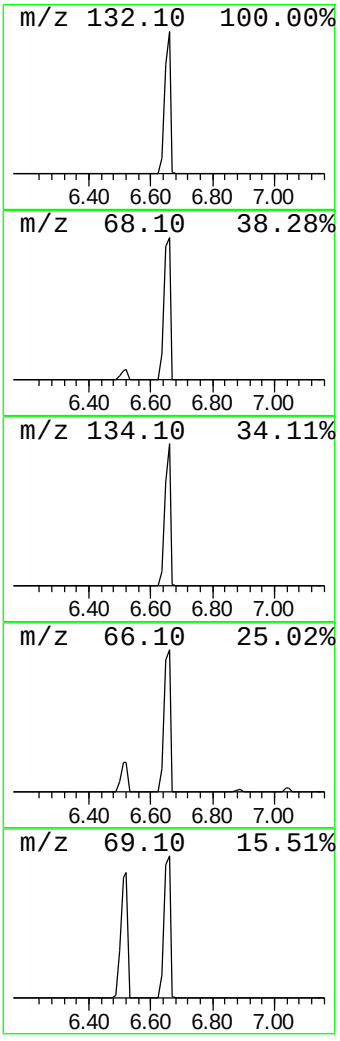
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	66.59 ng	7388970	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
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ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

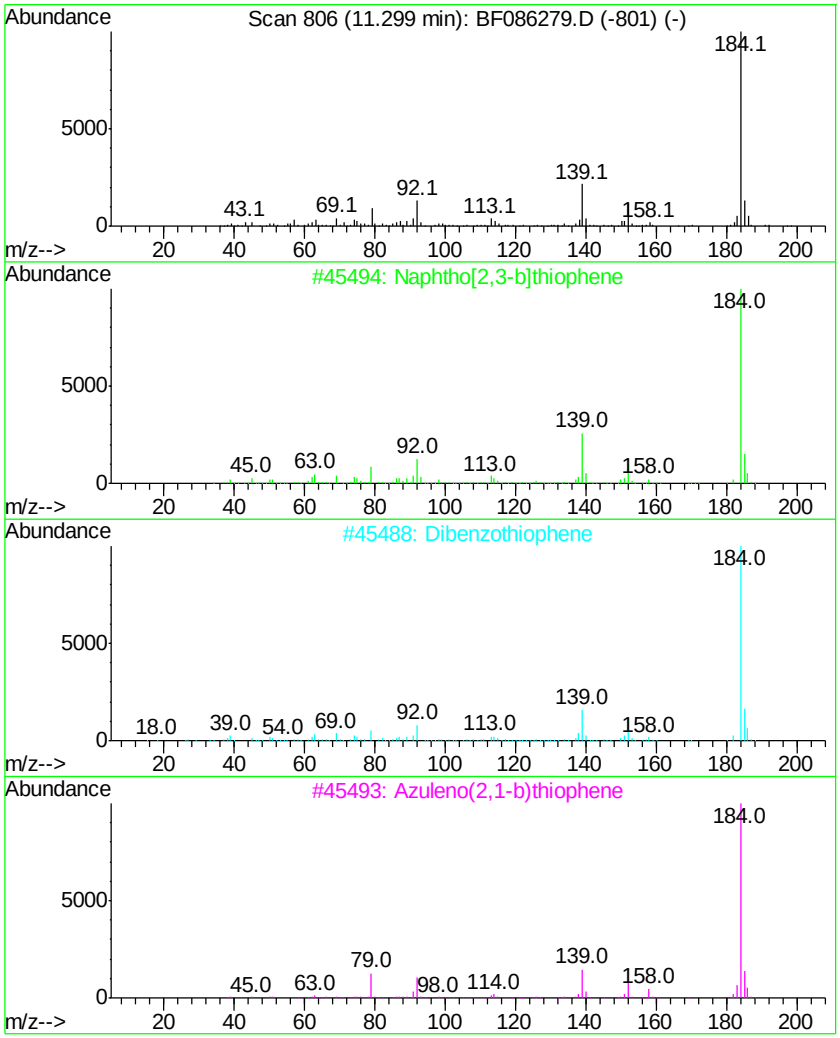
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

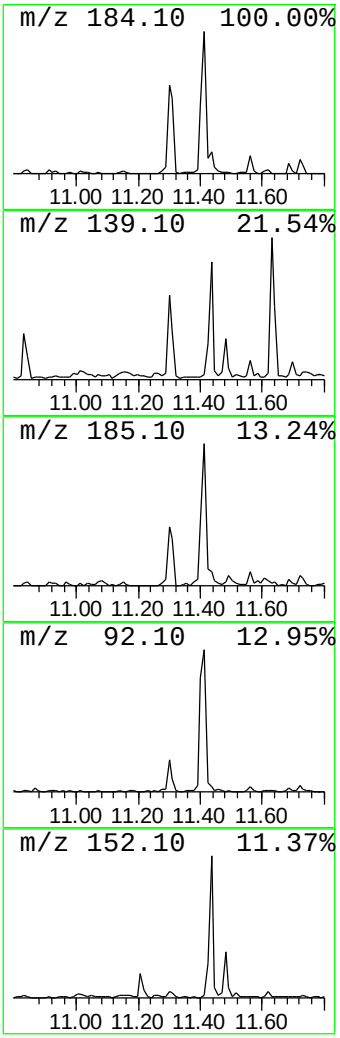
****

Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.53 ng	899182	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	53
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

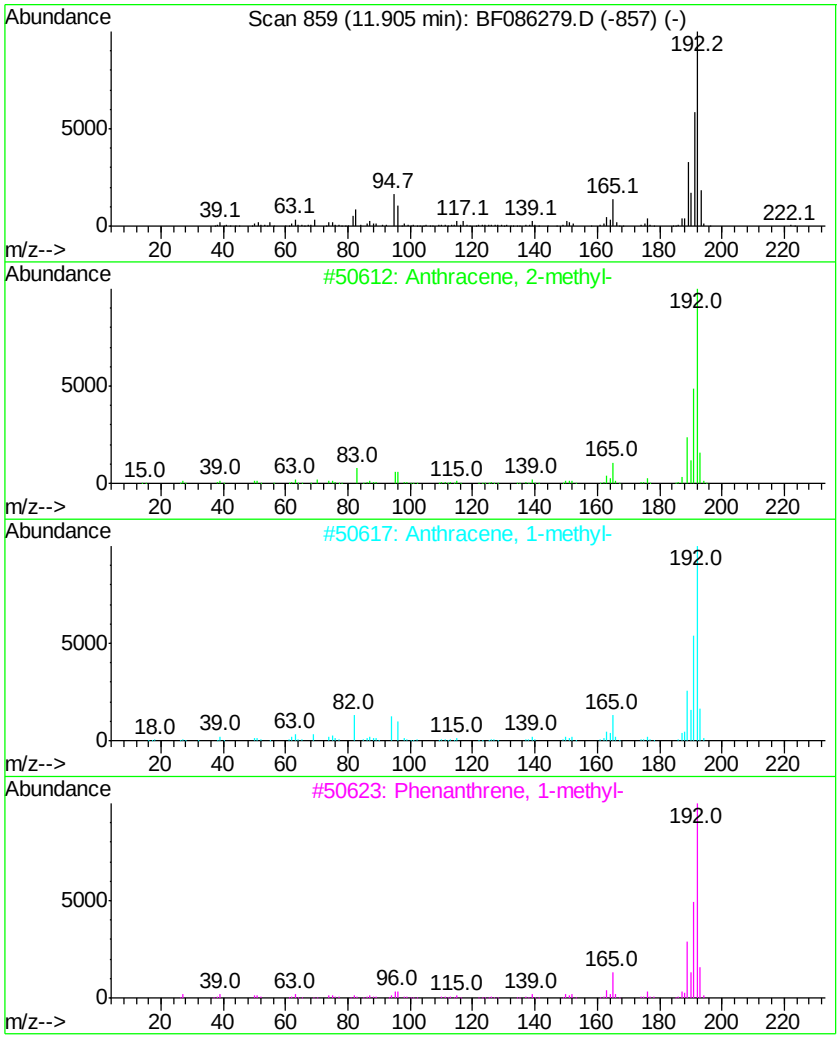
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

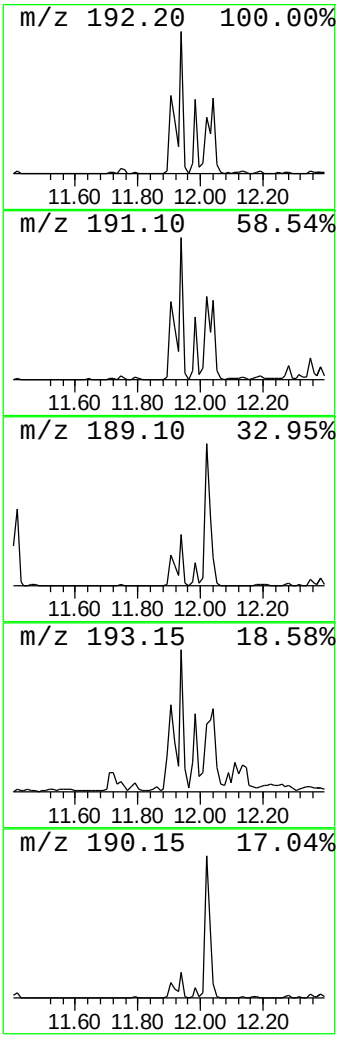
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.21 ng	1034140	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Data File : BF086279.D
Acq On : 18 Apr 2016 13:54
Operator : UM/SJ
Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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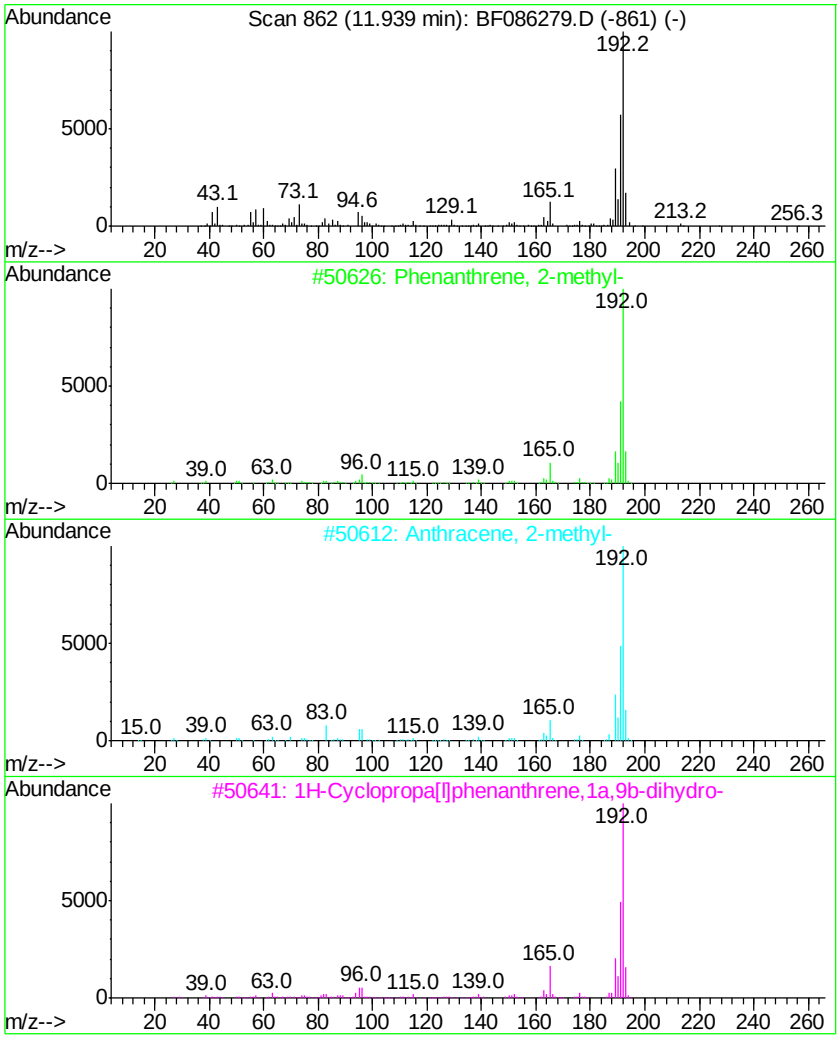
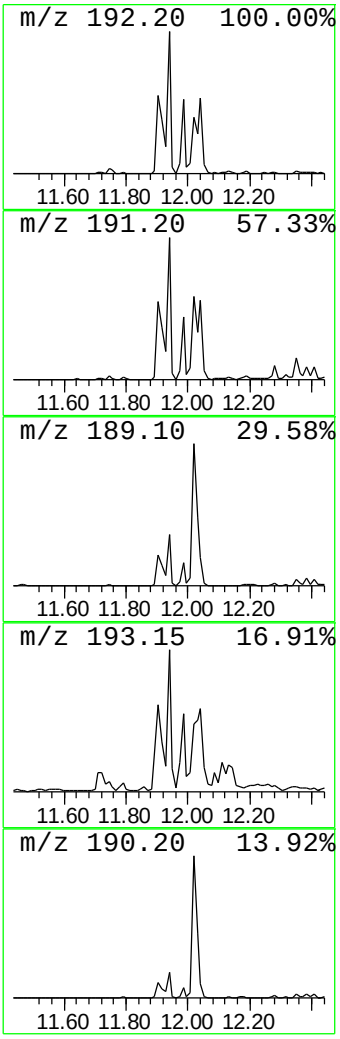
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.82 ng	1155050	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : UM/SJ
Sample : H2471-04
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Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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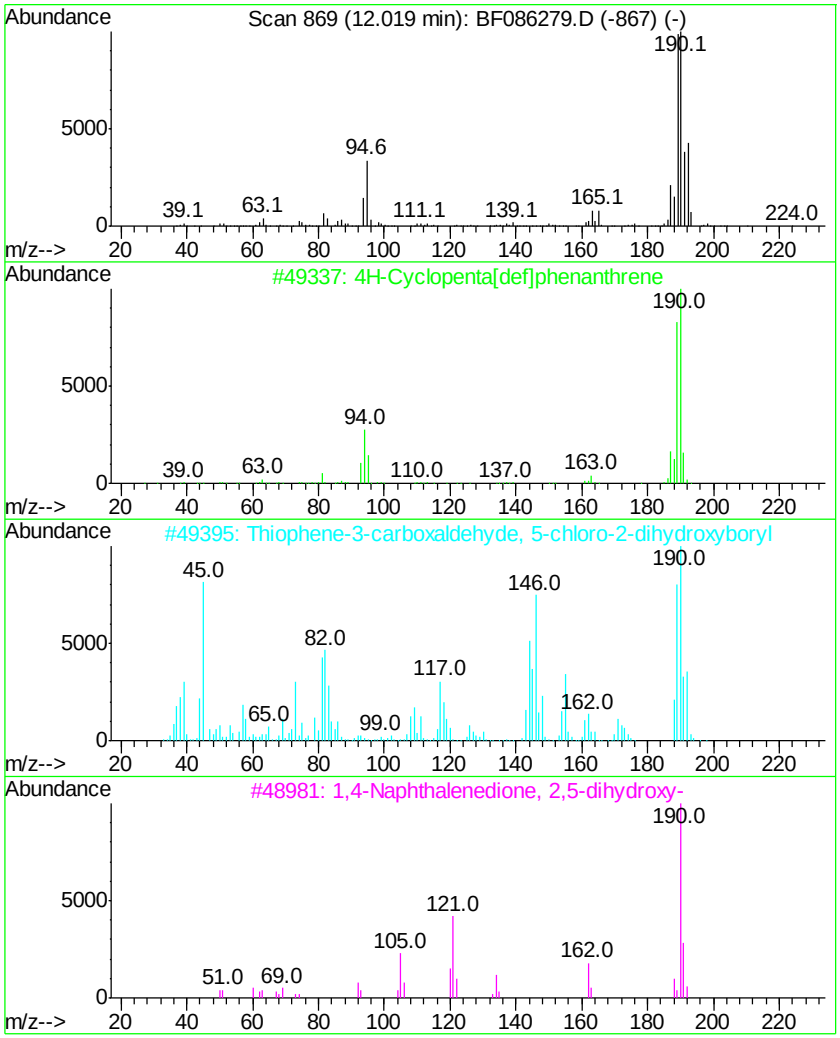
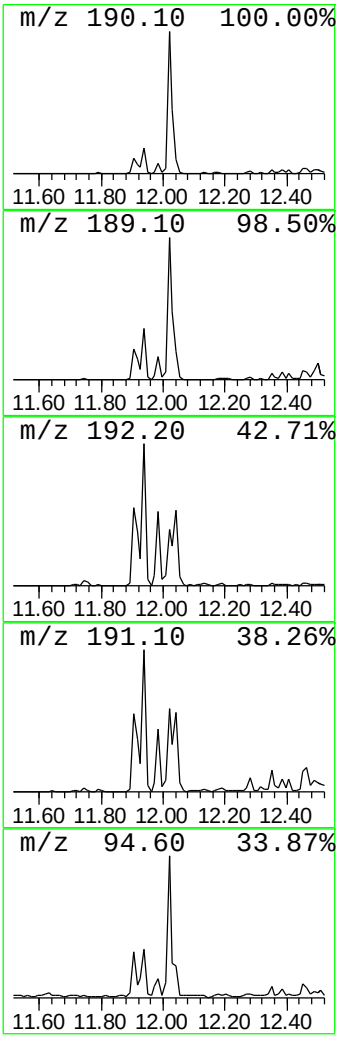
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.08 ng	1999390	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	10





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Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
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TIC Library : C:\DATABASE\NIST02.L
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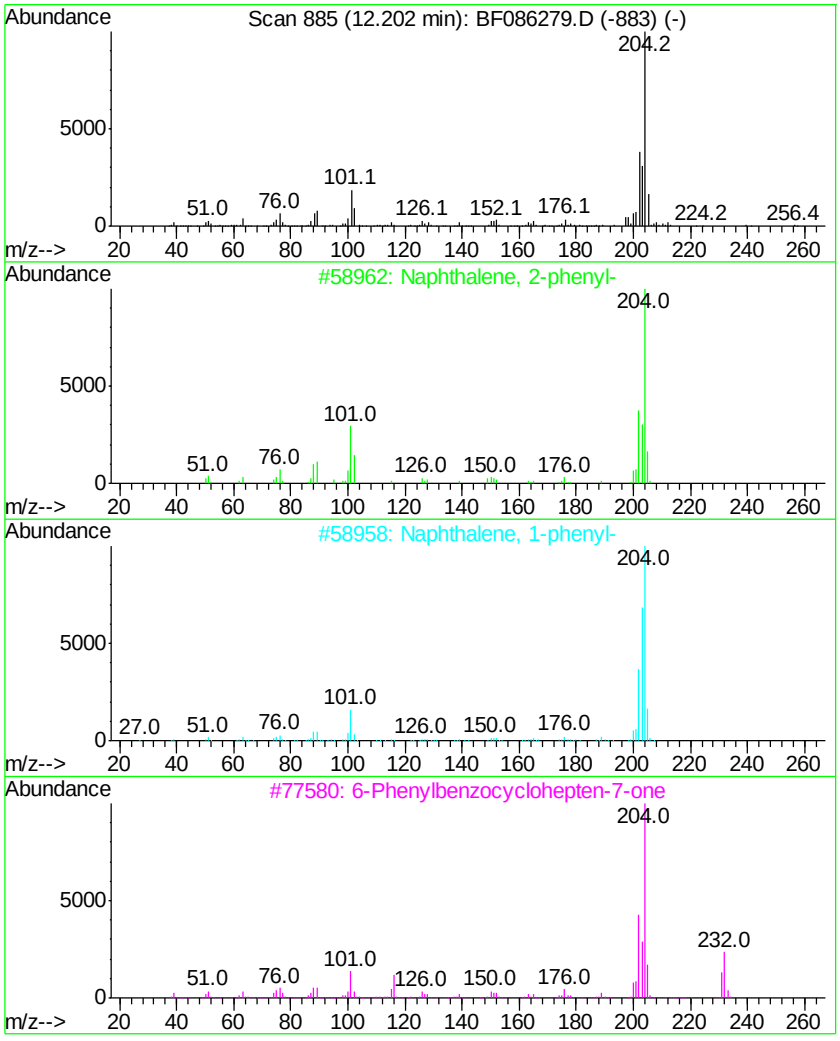
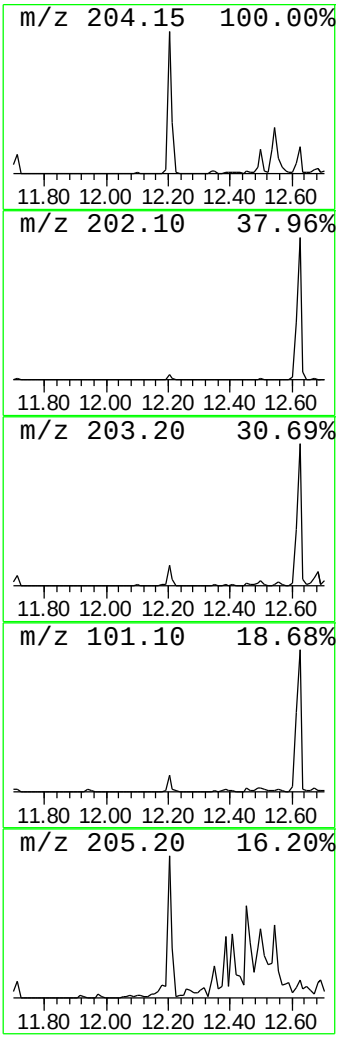
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	5.27 ng	1045520	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	72
5	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	014769-73-4	53





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Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

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

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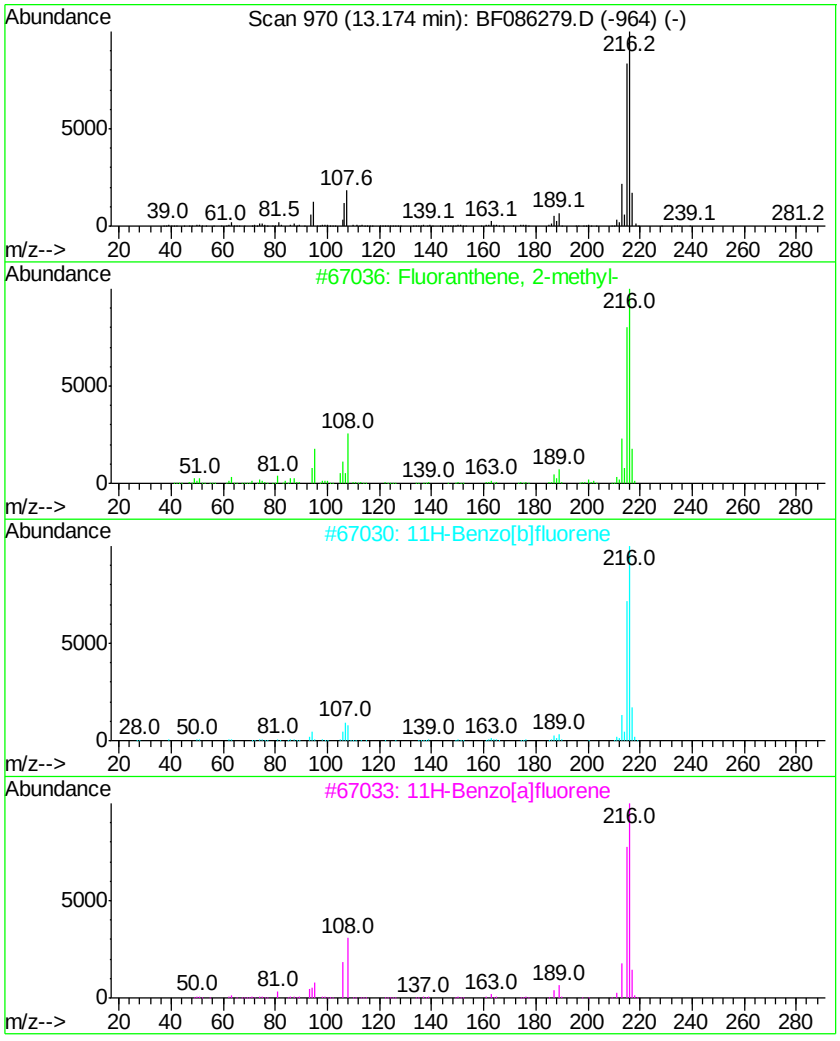
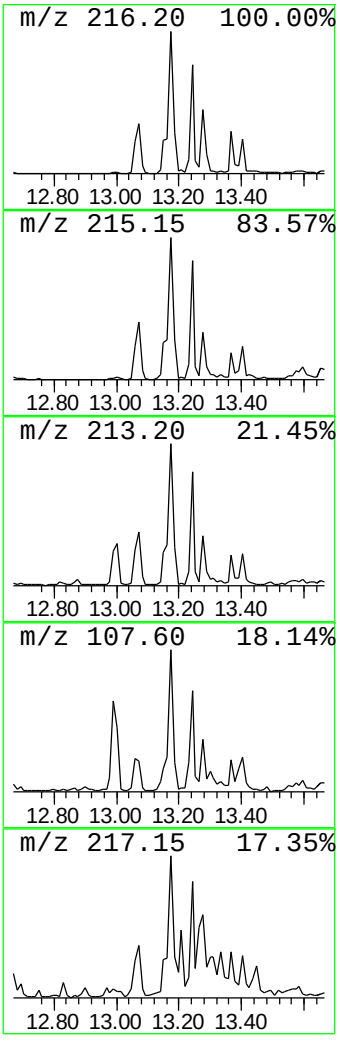
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.14 ng	1477180	Chrysene-d12	14.04

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	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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ClientSampleId : CDMSH4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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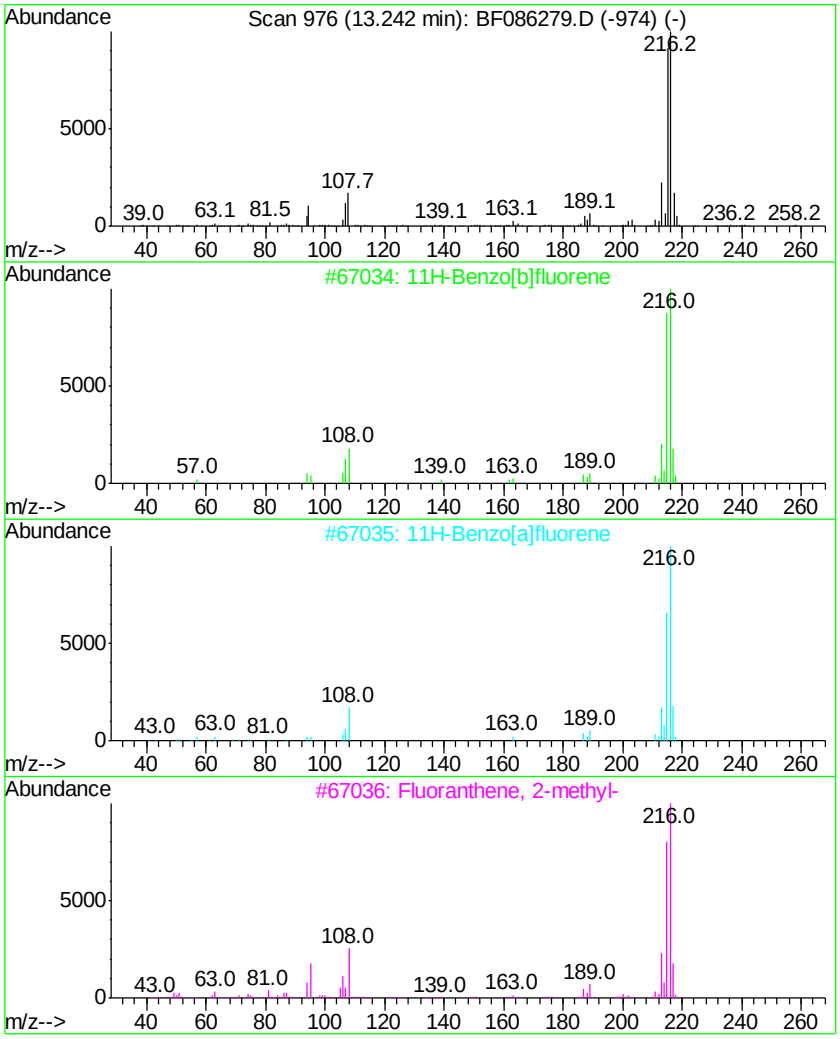
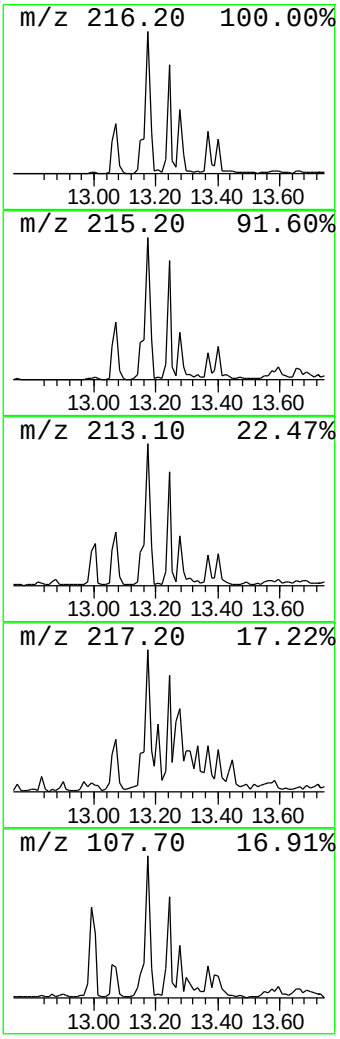
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.59 ng	865296	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59





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Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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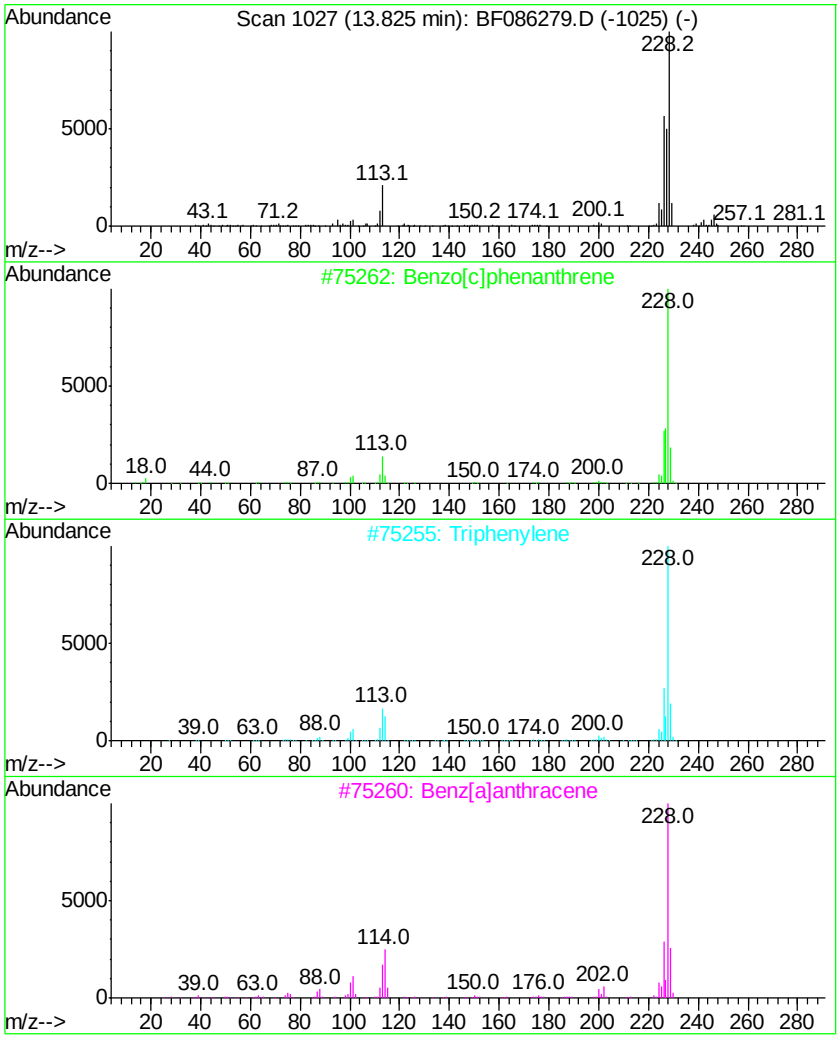
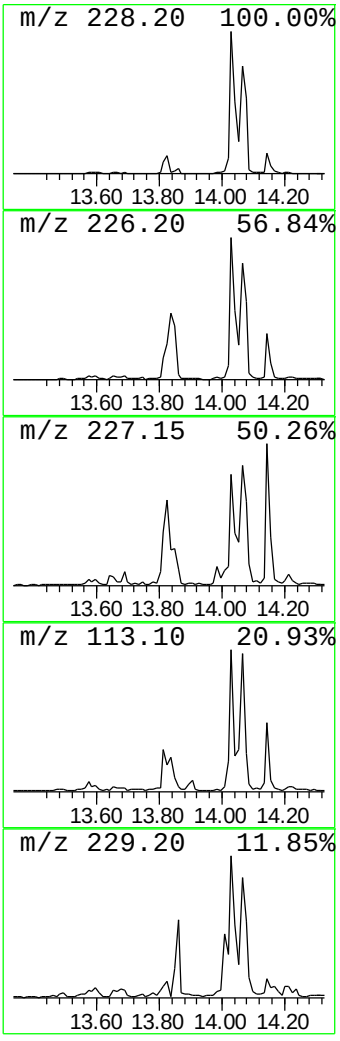
Peak Number 12 unknown13.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.67 ng	883382	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
2	Triphenylene	228	C18H12	000217-59-4	32
3	Benz[a]anthracene	228	C18H12	000056-55-3	23
4	Chrysene	228	C18H12	000218-01-9	23
5	2-Formylphenoxathin	228	C13H8O2S	037947-92-5	17





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Misc :
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Instrument : BNA_F
ClientSampleId : CDMSH4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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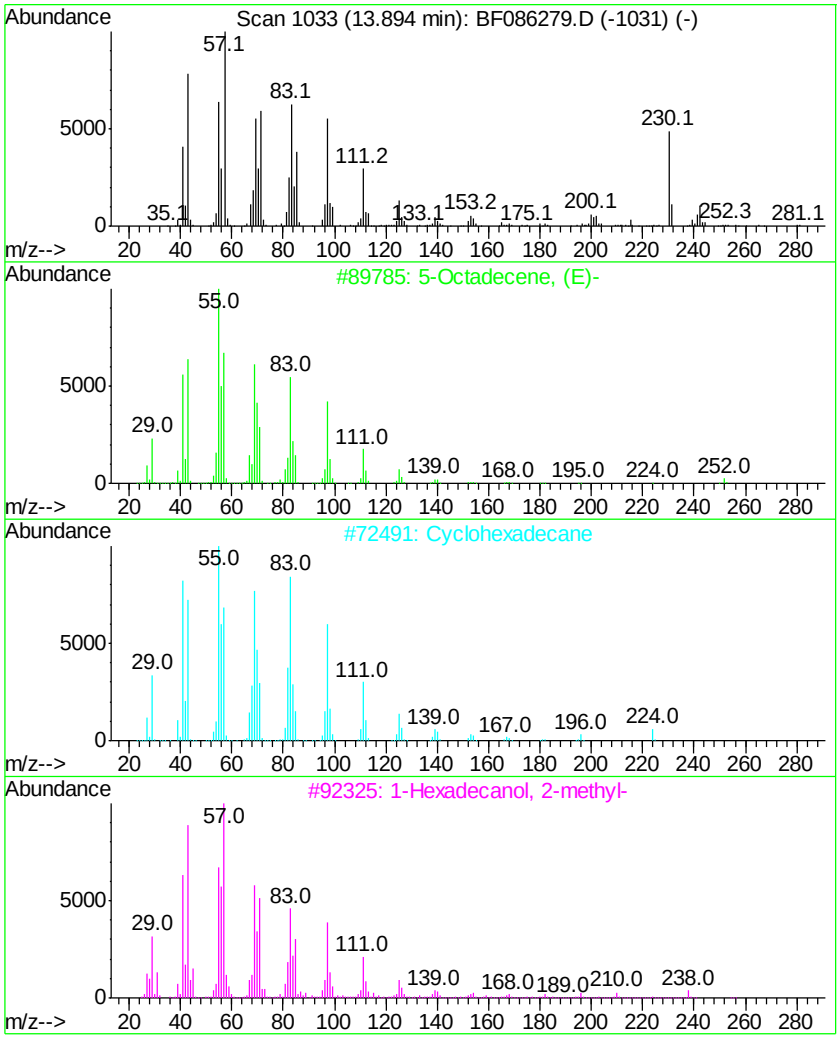
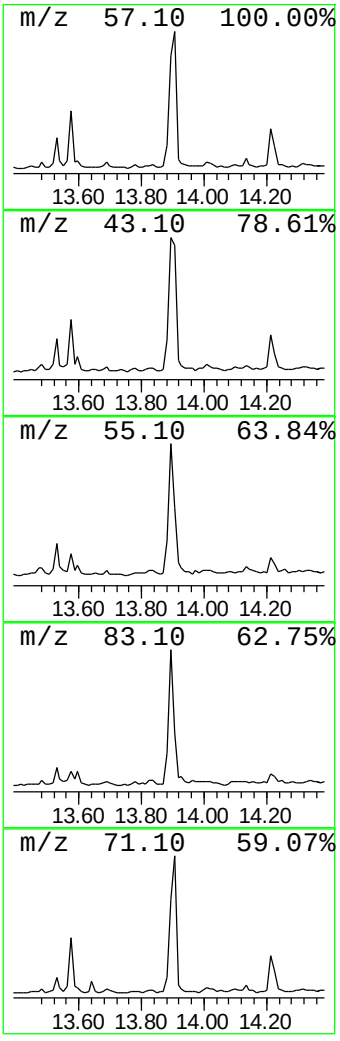
Peak Number 13 5-Octadecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.37 ng	1291880	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	64
4	17-Pentatriacontene	491	C35H70	006971-40-0	64
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62





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Misc :
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Instrument : BNA_F
ClientSampleId : CDMSH4

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TIC Library : C:\DATABASE\NIST02.L
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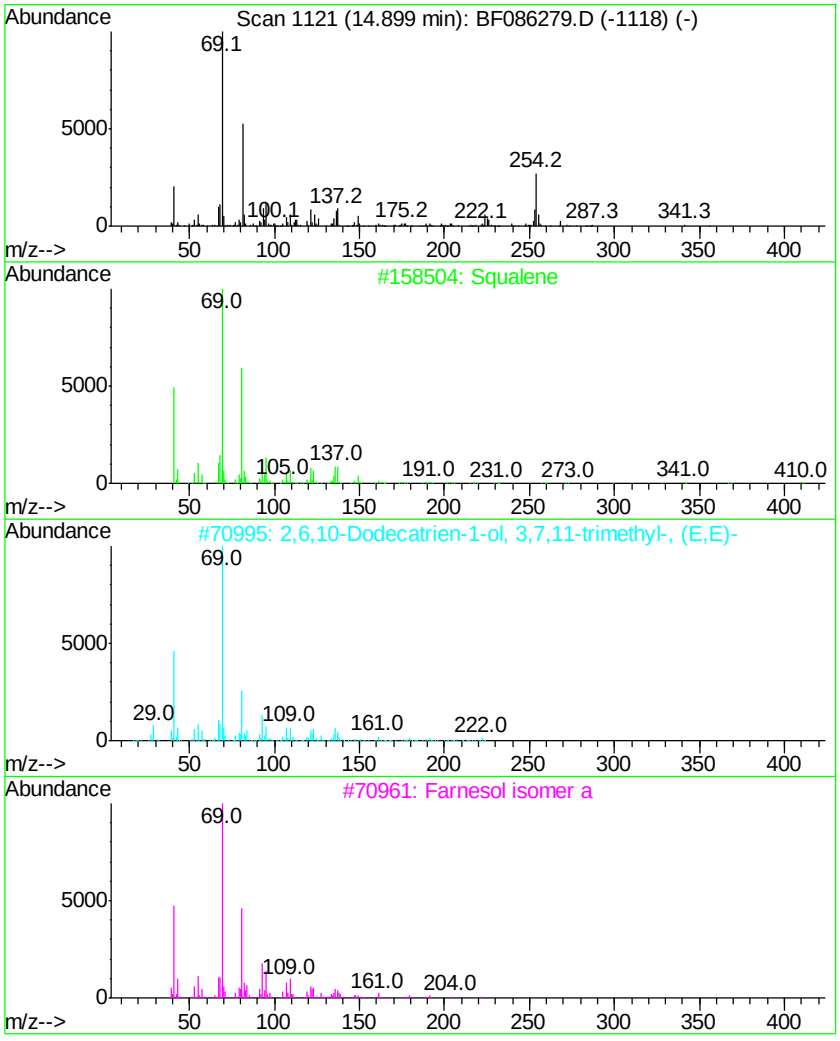
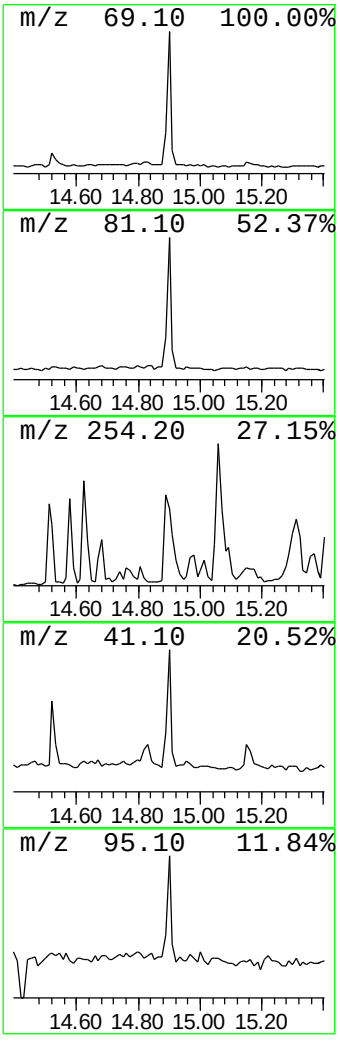
Peak Number 14 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.13 ng	523206	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	64
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	60
3	Farnesol isomer a	222	C15H26O	1000108-92-4	58
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	52
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52





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ClientSampleId : CDMSH4

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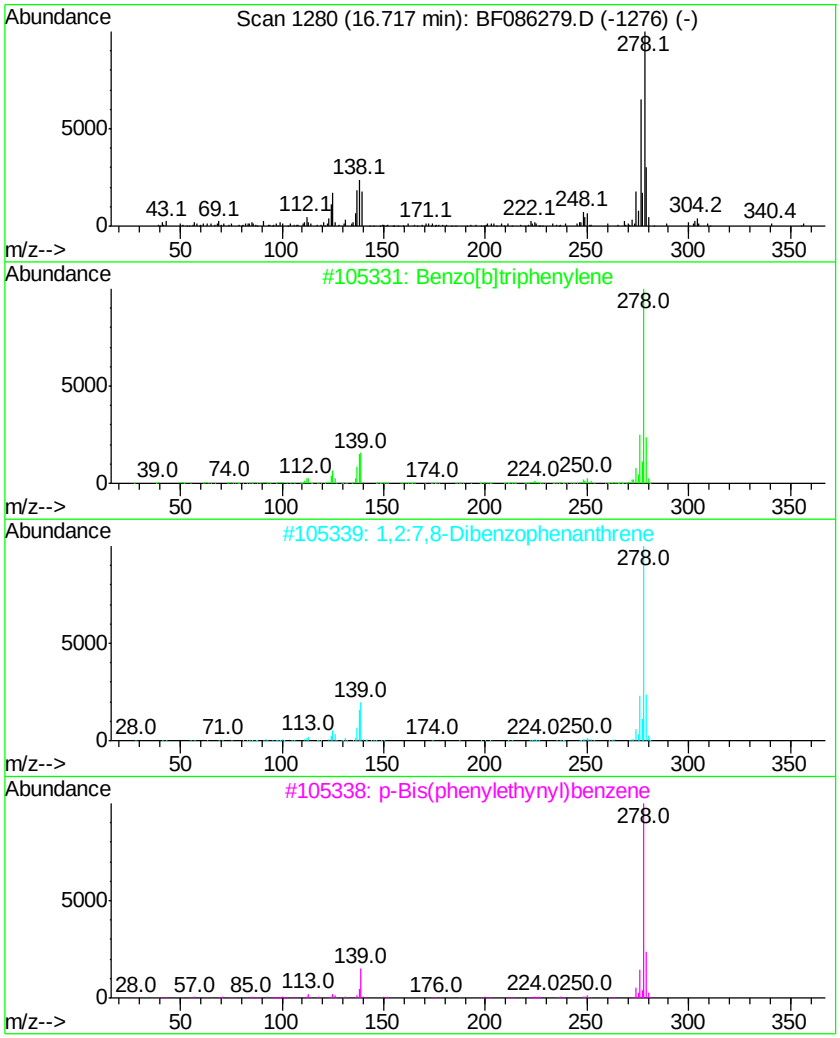
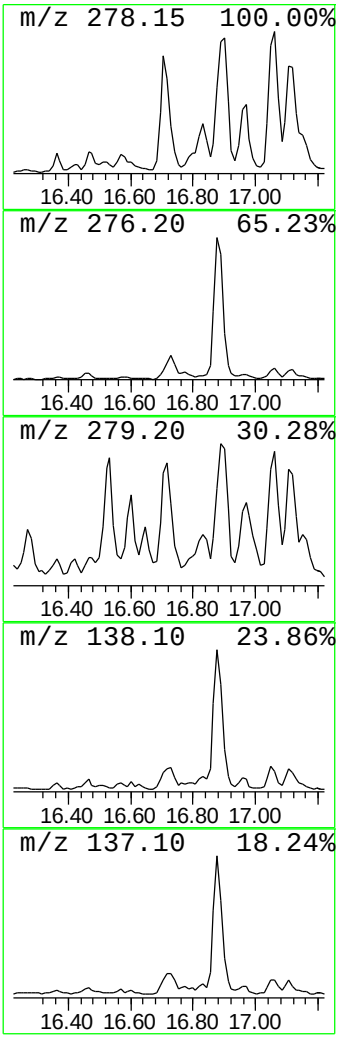
Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.17 ng	355940	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	50
3	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	49
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
5	Pentaphene	278	C22H14	000222-93-5	47





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Sample : H2471-04
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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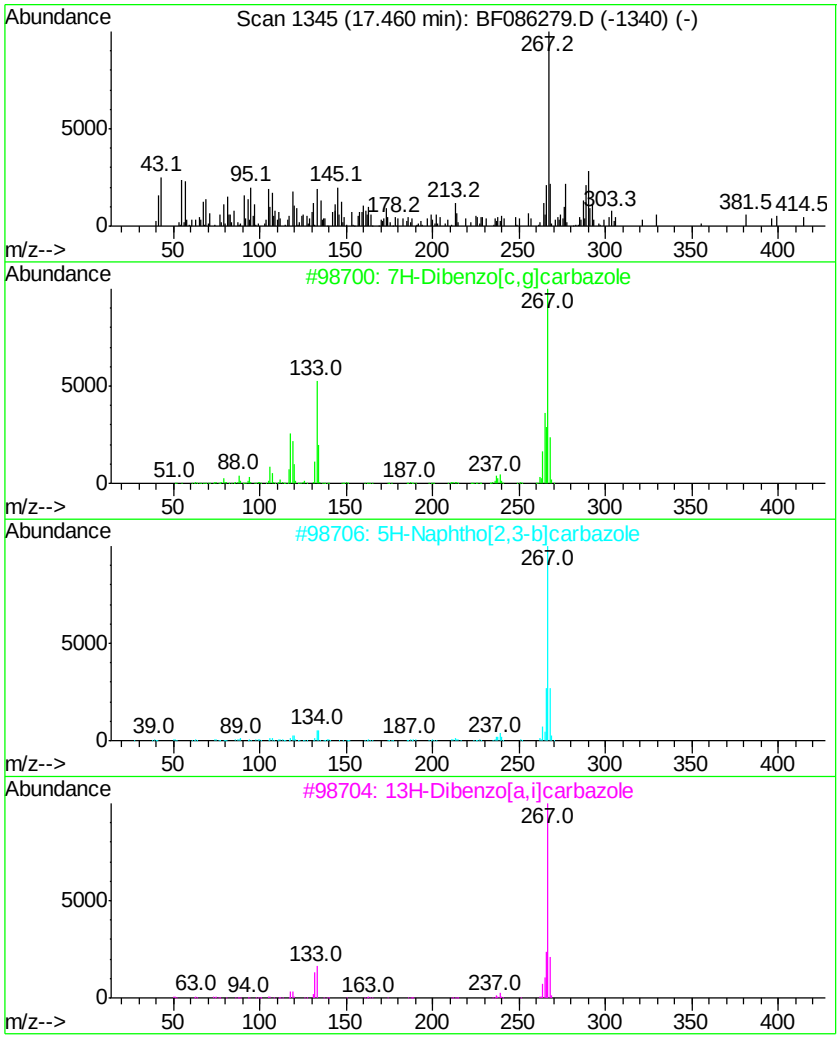
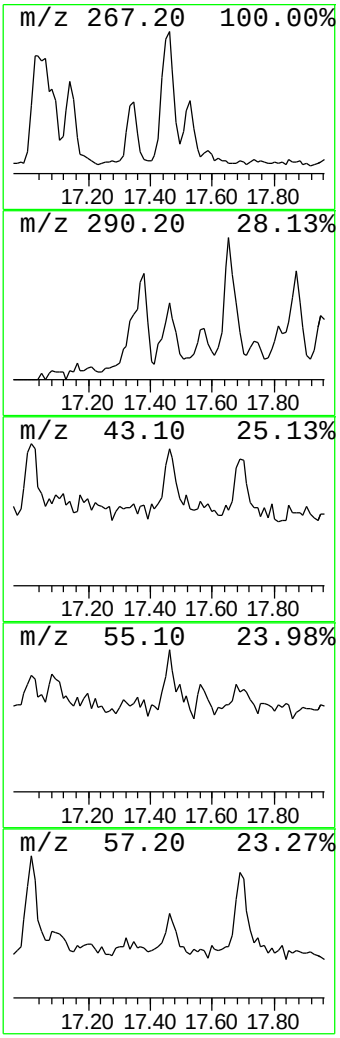
Peak Number 18 unknown17.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.07 ng	347398	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	49
2	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	46
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	46
4	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	46
5	2-Amino-4-hydroxy-6-phenethyl pt...	267	C14H13N5O	004215-03-6	46





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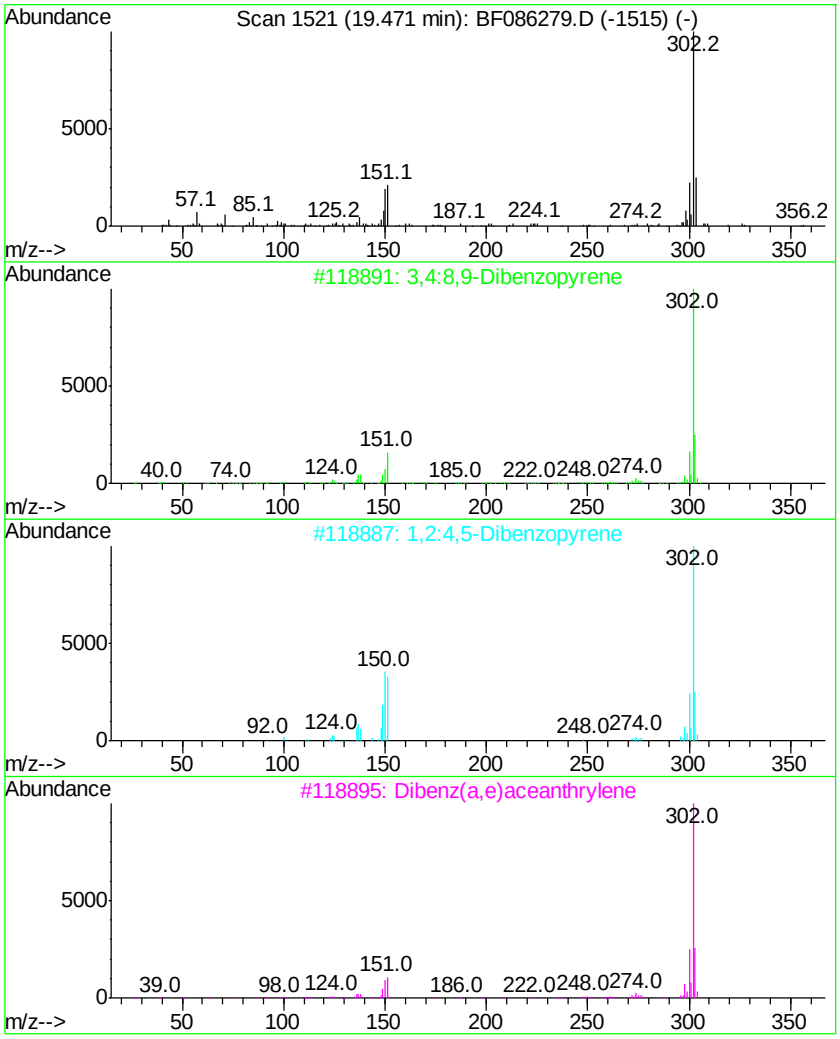
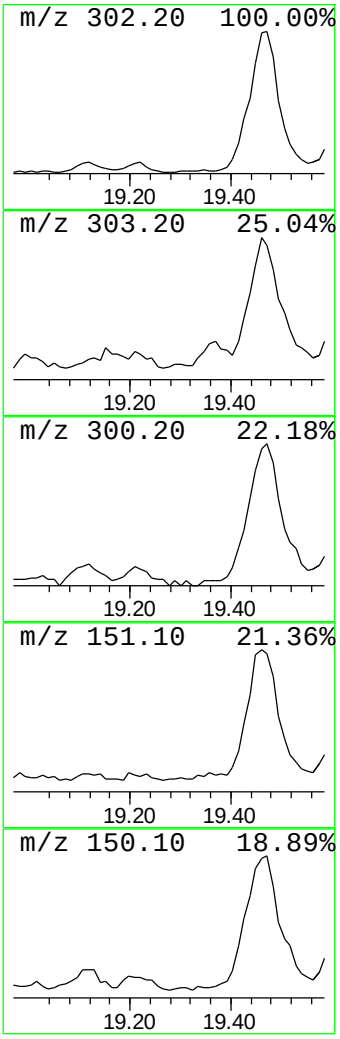
Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	5.47 ng	466711	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	74
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	74
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	50





Tentatively Identified Compound (LSC) summary

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Data File : BF086279.D
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Operator : UM/SJ
Sample : H2471-04
Misc :
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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
Propane, 1,1-dime...	2.19	4.0	ng	438981	1	6.89	2219330	20.0
2-Pentanone, 4-hy...	5.09	4.2	ng	461362	1	6.89	2219330	20.0
unknown6.66	6.66	66.6	ng	7388970	1	6.89	2219330	20.0
Naphtho[2,3-b]thi...	11.30	4.5	ng	899182	4	11.41	3967310	20.0
Anthracene, 2-met...	11.90	5.2	ng	1034140	4	11.41	3967310	20.0
Phenanthrene, 2-m...	11.94	5.8	ng	1155050	4	11.41	3967310	20.0
4H-Cyclopenta[def...	12.02	10.1	ng	1999390	4	11.41	3967310	20.0
Naphthalene, 2-ph...	12.20	5.3	ng	1045520	4	11.41	3967310	20.0
Fluoranthene, 2-m...	13.17	6.1	ng	1477180	5	14.04	4814470	20.0
11H-Benzo[b]fluorene	13.24	3.6	ng	865296	5	14.04	4814470	20.0
unknown13.83	13.83	3.7	ng	883382	5	14.04	4814470	20.0
5-Octadecene, (E)-	13.89	5.4	ng	1291880	5	14.04	4814470	20.0
Squalene	14.90	6.1	ng	523206	6	15.48	1706160	20.0
Benzo[b]triphenylene	16.72	4.2	ng	355940	6	15.48	1706160	20.0
unknown17.46	17.46	4.1	ng	347398	6	15.48	1706160	20.0
3,4:8,9-Dibenzopy...	19.47	5.5	ng	466711	6	15.48	1706160	20.0