LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

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-BF031816.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	6.493	365	368	370	rBV	482357	606915	7.27%	0.916%
2	6.676	382	384	385	rBV	95837	97484	1.17%	0.147%
3	6.847	397	399	402	rBV	705317	722038	8.65%	1.090%
4	7.110	419	422	425	rBV	1413064	1375212	16.47%	2.076%
5	7.259	433	435	438	rBV	662351	655495	7.85%	0.990%
6	7.556	458	461	463	rBV2	93289	122550	1.47%	0.185%
7	7.796	478	482	488	rBV	124088	179502	2.15%	0.271%
8	7.887	488	490	492	rVV	114905	143484	1.72%	0.217%
9	7.922	492	493	497	rVB	195962	233129	2.79%	0.352%
10	8.173	510	515	517	rBV	5379377	8350138	100.00%	12.606%
11	8.207	517	518	521	rVB	266444	325960	3.90%	0.492%
12	8.493	541	543	545	rBV	549801	488456	5.85%	0.737%
13	8.642	553	556	559	rVB	106491	113710	1.36%	0.172%
14	8.779	565	568	569	rBV	327142	286566	3.43%	0.433%
15	8.847	572	574	577	rBV	1790415	2334127	27.95%	3.524%
16	8.905	577	579	580	rBV	171572	151585	1.82%	0.229%
17	8.950	580	583	585	rVB	1495231	1244776	14.91%	1.879%
18	9.316	613	615	617	rVV	637755	615629	7.37%	0.929%
19	9.476	626	629	633	rBV	295147	425206	5.09%	0.642%
20	9.545	633	635	637	rBV	336301	456358	5.47%	0.689%
21	9.579	637	638	640	rVV	248837	186645	2.24%	0.282%
22	9.613	640	641	643	rVV	241109	187383	2.24%	0.283%
23	9.670	643	646	651	rVV2	154362	235322	2.82%	0.355%
24	9.750	651	653	656	rVB	2306262	2172805	26.02%	3.280%
25	9.888	661	665	667	rBV2	1081484	1210619	14.50%	1.828%
26	9.922	667	668	670	rVB2	328915	280702	3.36%	0.424%
27	9.956	670	671	672	rBV	133231	99445	1.19%	0.150%
28	10.093	681	683	685	rBV	1721797	1598403	19.14%	2.413%
29	10.196	691	692	694	rBV2	81675	112221	1.34%	0.169%
30	10.345	703	705	706	rVV	151750	133838	1.60%	0.202%
31	10.402	706	710	711	rVV2	72446	149777	1.79%	0.226%
32	10.436	711	713	716	rVV	2102480	2400884	28.75%	3.625%
33	10.505	716	719	721	rVV2	55266	113950	1.36%	0.172%
34	10.539	721	722	725	rVV	126779	204096	2.44%	0.308%

LSC Area Percent Report

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Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

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-BF031816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.596	725	727	728	rVV	378671	374108	4.48%	0.565%
36	10.676	730	734	736	rVV2	428350	890851	10.67%	1.345%
37	10.985	757	761	762	rBV	300421	326935	3.92%	0.494%
38	11.065	766	768	770	rBV	131993	126092	1.51%	0.190%
39	11.133	770	774	777	rVV2	93513	161476	1.93%	0.244%
40	11.225	780	782	784	rBV2	83002	94556	1.13%	0.143%
41	11.271	784	786	789	rVB	433939	433491	5.19%	0.654%
42	11.408	793	798	800	rBV	4529471	6100840	73.06%	9.210%
43	11.453	800	802	804	rVV	2548901	2272709	27.22%	3.431%
44	11.602	812	815	819	rBV2	945997	1080584	12.94%	1.631%
45	11.671	819	821	823	rBV2	184956	208430	2.50%	0.315%
46	11.876	836	839	840	rBV	526552	501754	6.01%	0.757%
47	11.899	840	841	844	rVV	646259	638365	7.64%	0.964%
48	11.945	844	845	847	rVV	217136	318832	3.82%	0.481%
49	11.991	847	849	853	rVV2	1121242	1347608	16.14%	2.034%
50	12.082	855	857	858	rVV	91329	102311	1.23%	0.154%
51	12.173	863	865	866	rVB	262713	300908	3.60%	0.454%
52	12.425	884	887	888	rBV	137357	179682	2.15%	0.271%
53	12.459	888	890	893	rVV3	128534	253315	3.03%	0.382%
54	12.505	893	894	899	rVV4	58686	108984	1.31%	0.165%
55	12.585	899	901	904	rVV	2584559	3008450	36.03%	4.542%
56	12.642	904	906	908	rVV2	61759	137529	1.65%	0.208%
57	12.676	908	909	911	rVV	648031	573169	6.86%	0.865%
58	12.734	911	914	918	rVB3	98191	225017	2.69%	0.340%
59	12.814	918	921	924	rBV	2294787	2660389	31.86%	4.016%
60	12.859	924	925	929	rVB2	155622	154128	1.85%	0.233%
61	12.928	929	931	933	rBV	198651	238047	2.85%	0.359%
62	12.962	933	934	937	rVB	152450	203382	2.44%	0.307%
63	13.031	937	940	942	rBV2	157228	316017	3.78%	0.477%
64	13.134	944	949	951	rBV	431955	825526	9.89%	1.246%
65	13.202	953	955	957	rVV	612486	671739	8.04%	1.014%
66	13.248	957	959	962	rVB	190489	296654	3.55%	0.448%
67	13.305	962	964	966	rBV	229286	332336	3.98%	0.502%
68	13.362	968	969	974	rVB	122332	191326	2.29%	0.289%
69	13.545	981	985	990	rBV4	60034	164864	1.97%	0.249%
70	13.625	990	992	993	rBV	64305	100938	1.21%	0.152%
71	13.762	1000	1004	1005	rBV	83916	165674	1.98%	0.250%

LSC Area Percent Report

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Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

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-BF031816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.785	1005	1006	1007	rVV	219854	196069	2.35%	0.296%
73	13.808	1007	1008	1016	rVB2	157798	263786	3.16%	0.398%
74	14.002	1022	1025	1027	rBV2	1666373	2362161	28.29%	3.566%
75	14.037	1027	1028	1030	rVV	998402	772164	9.25%	1.166%
76	14.117	1031	1035	1037	rBV5	36980	96162	1.15%	0.145%
77	14.197	1040	1042	1043	rVV	162928	171503	2.05%	0.259%
78	14.231	1043	1045	1052	rVB2	167762	313248	3.75%	0.473%
79	14.357	1052	1056	1057	rBV4	79869	186952	2.24%	0.282%
80	14.391	1057	1059	1061	rVV	216814	263832	3.16%	0.398%
81	14.482	1064	1067	1069	rVV2	135596	229517	2.75%	0.346%
82	14.539	1069	1072	1075	rVV2	194404	365287	4.37%	0.551%
83	14.871	1097	1101	1105	rBV2	52233	99216	1.19%	0.150%
84	15.031	1112	1115	1119	rBV	701784	1484697	17.78%	2.241%
85	15.134	1122	1124	1126	rVV	199788	279520	3.35%	0.422%
86	15.237	1129	1133	1135	rBV2	45146	129800	1.55%	0.196%
87	15.317	1137	1140	1143	rVB	412010	548694	6.57%	0.828%
88	15.374	1143	1145	1148	rBV	724831	858462	10.28%	1.296%
89	15.431	1148	1150	1156	rVV2	509571	946108	11.33%	1.428%
90	15.625	1163	1167	1172	rBV2	77602	293949	3.52%	0.444%
91	15.785	1179	1181	1185	rBV	55530	104114	1.25%	0.157%
92	15.968	1195	1197	1202	rVB	77238	124246	1.49%	0.188%
93	16.654	1253	1257	1261	rBV3	40819	143552	1.72%	0.217%
94	16.825	1269	1272	1277	rBV2	275299	564624	6.76%	0.852%
95	16.997	1283	1287	1289	rBV	74097	151369	1.81%	0.229%
96	17.054	1289	1292	1303	rVB2	65902	229607	2.75%	0.347%
97	17.248	1305	1309	1317	rBV	199685	449128	5.38%	0.678%
98	17.397	1317	1322	1325	rVV4	37164	116610	1.40%	0.176%
99	17.465	1325	1328	1336	rVB	88813	227884	2.73%	0.344%
100	19.386	1489	1496	1504	rBV	41342	166147	1.99%	0.251%

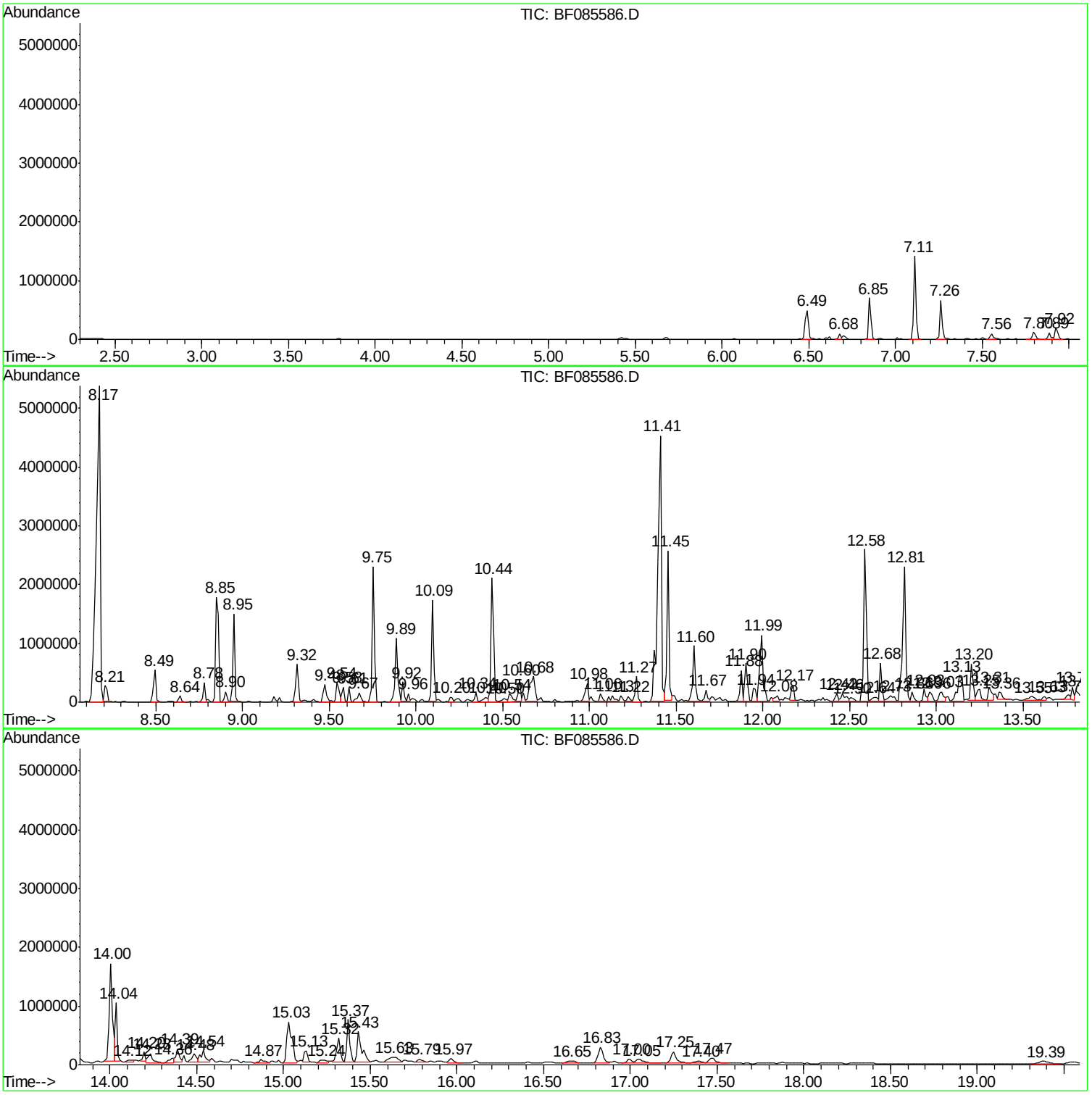
Sum of corrected areas: 66239834

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

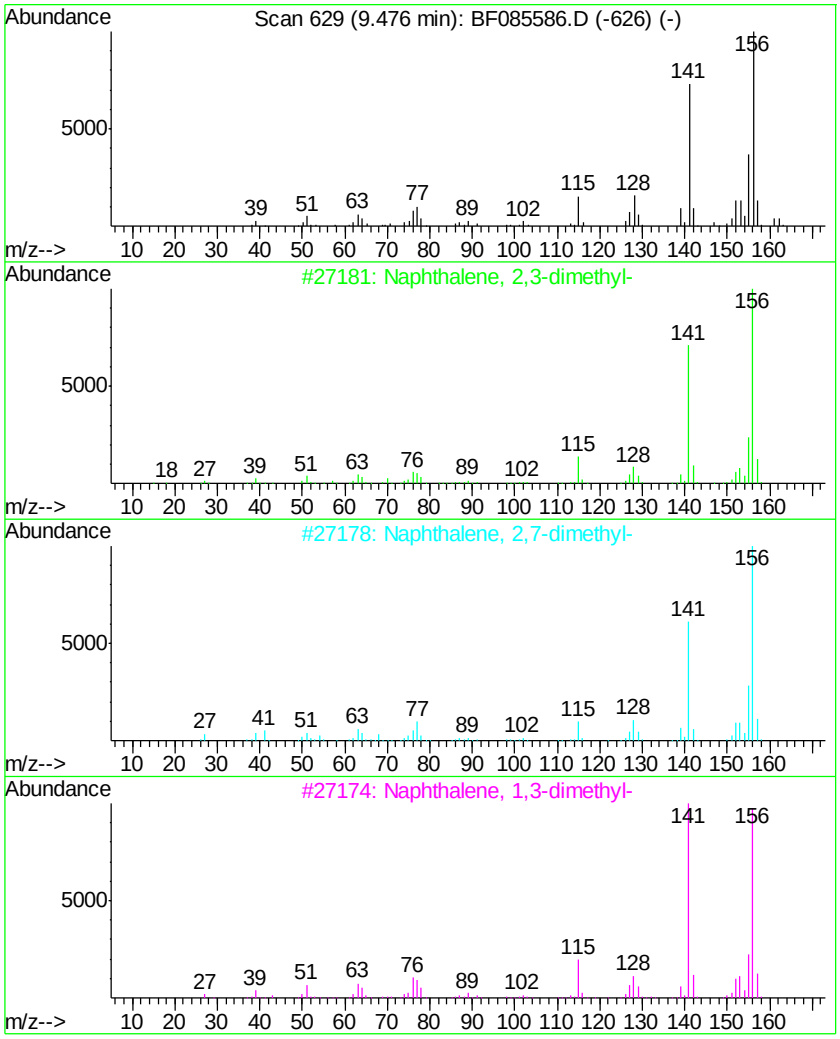
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

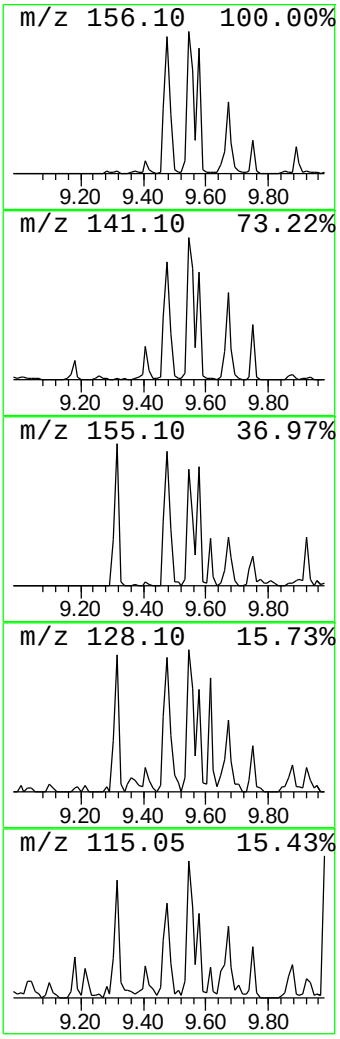
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	7.02 ng	425206	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

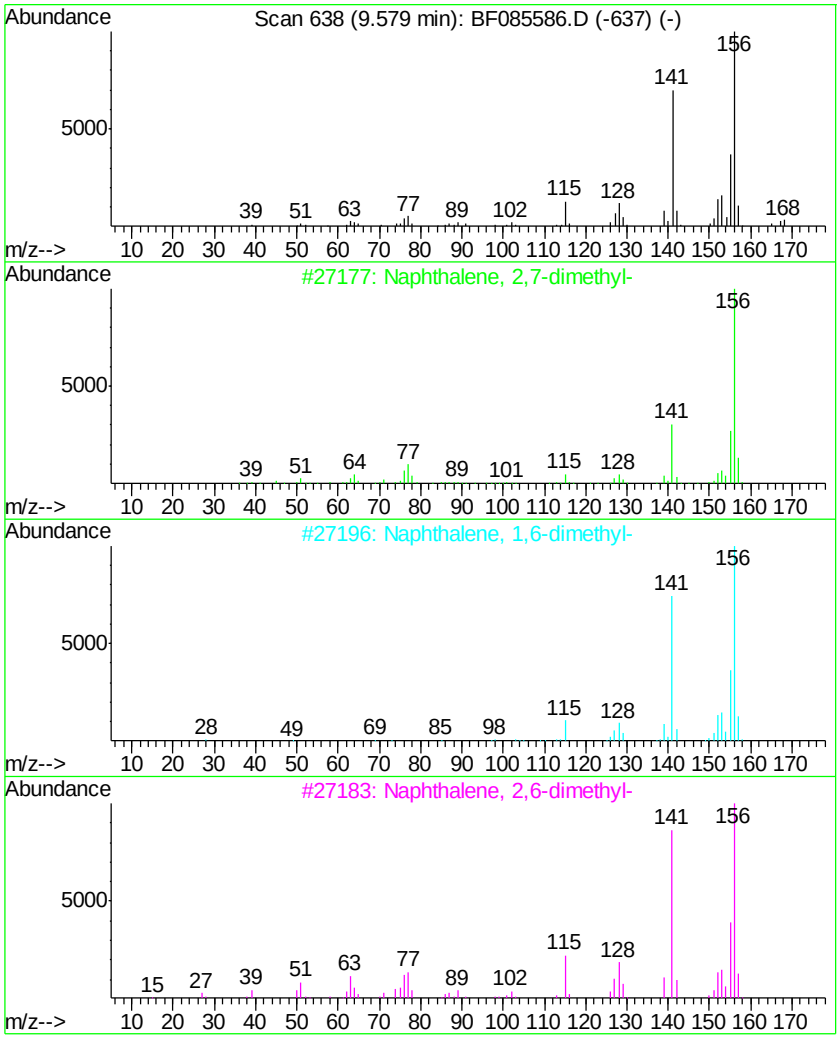
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

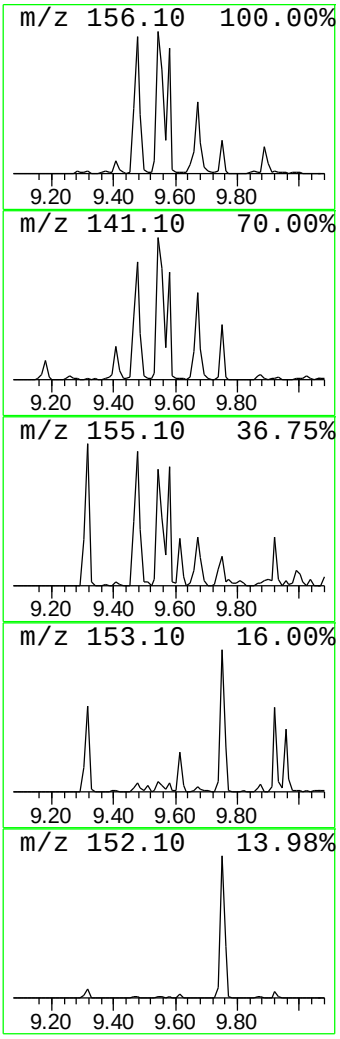
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	3.08 ng	186645	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

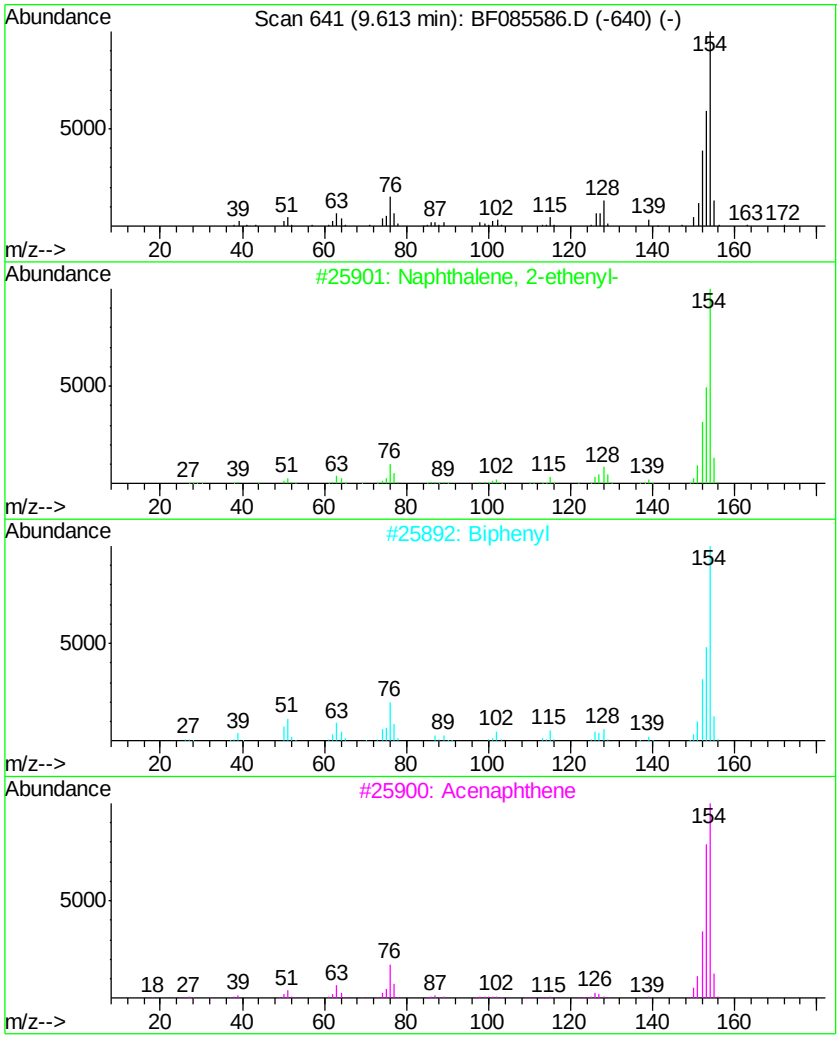
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

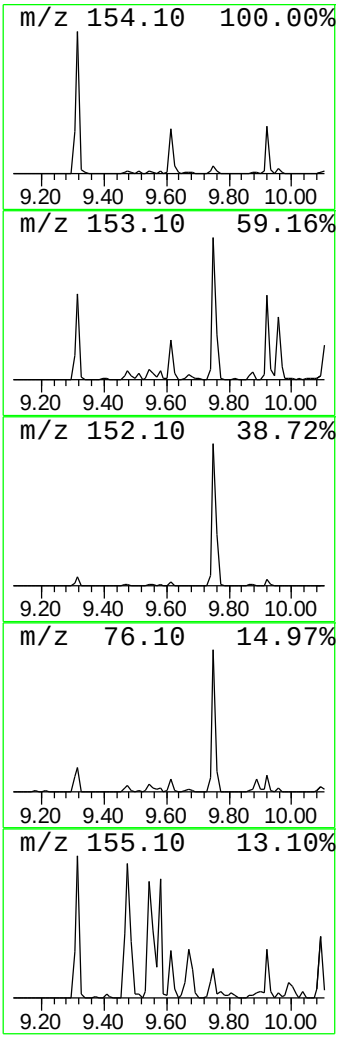
****

Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.10 ng	187383	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Biphenyl	154	C12H10	000092-52-4	90
3	Acenaphthene	154	C12H10	000083-32-9	76
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5	1,3-Cyclohexadien-5-ol, 1-phenyl-	172	C12H12O	1000159-61-9	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

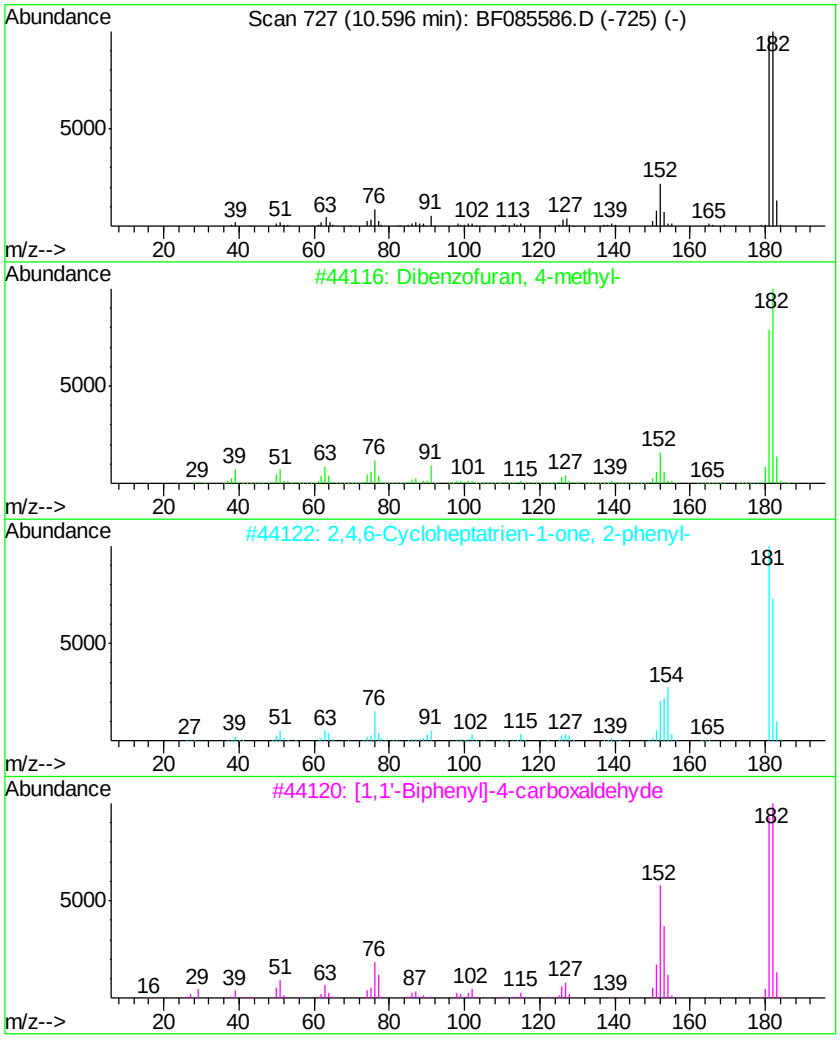
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

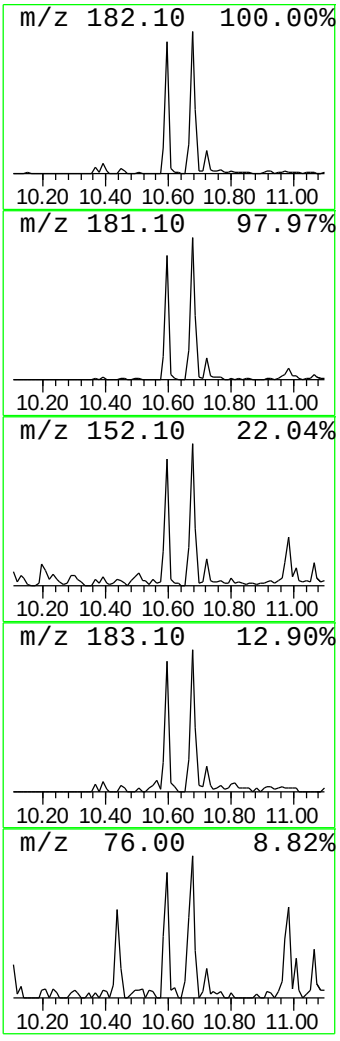
****

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.18 ng	374108	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Fluorenamine	181	C13H11N	000153-78-6	60





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

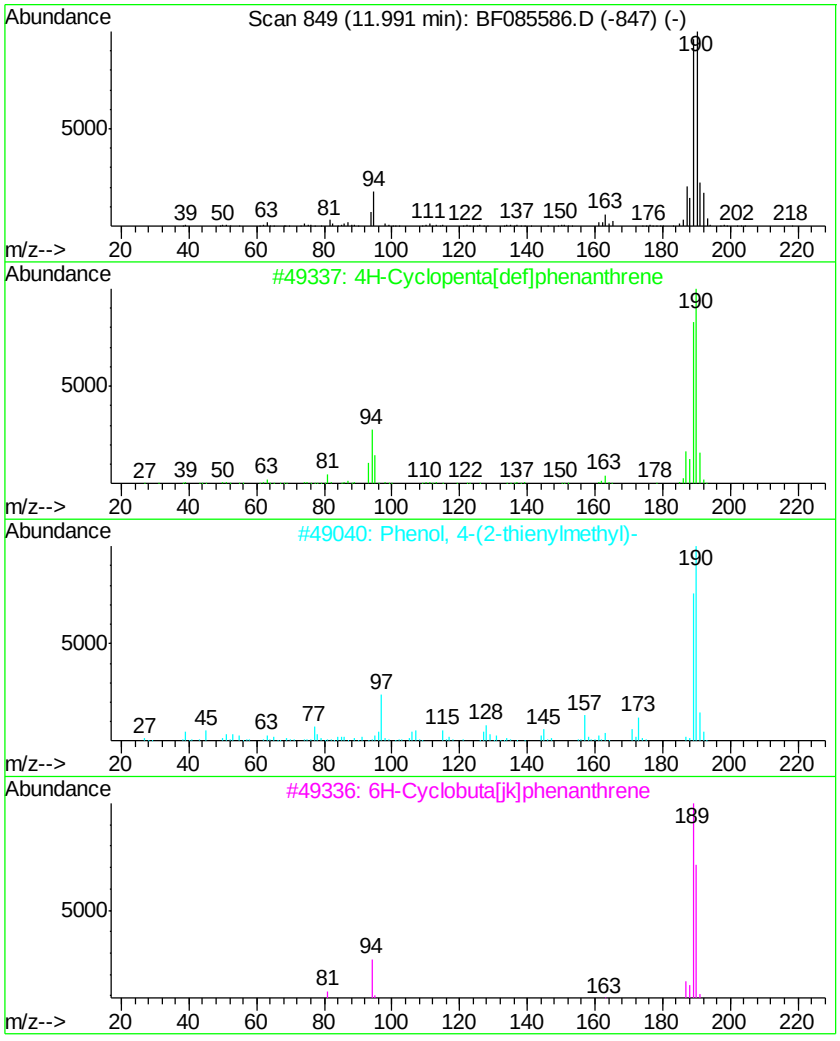
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

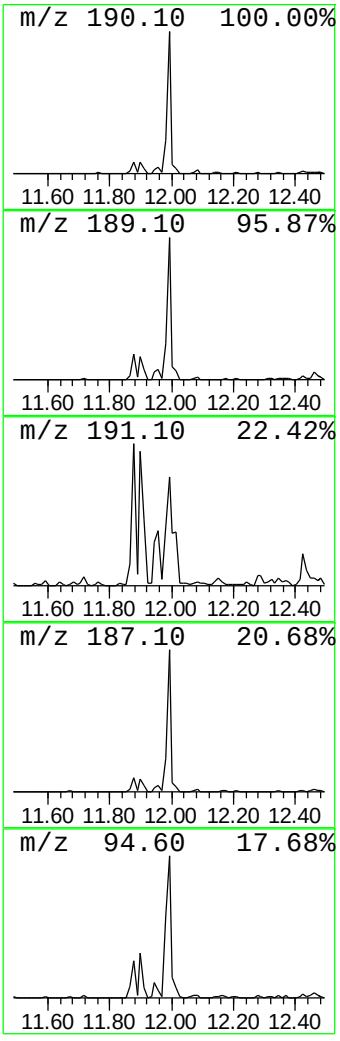
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.42 ng	1347610	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

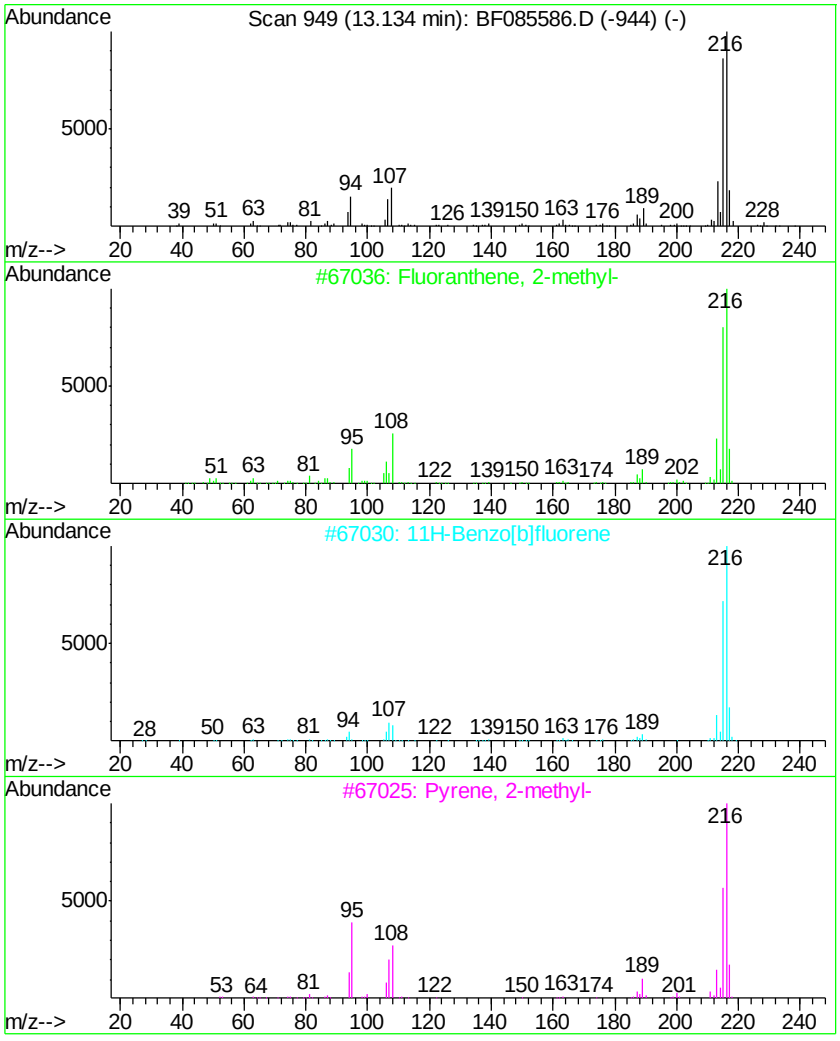
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

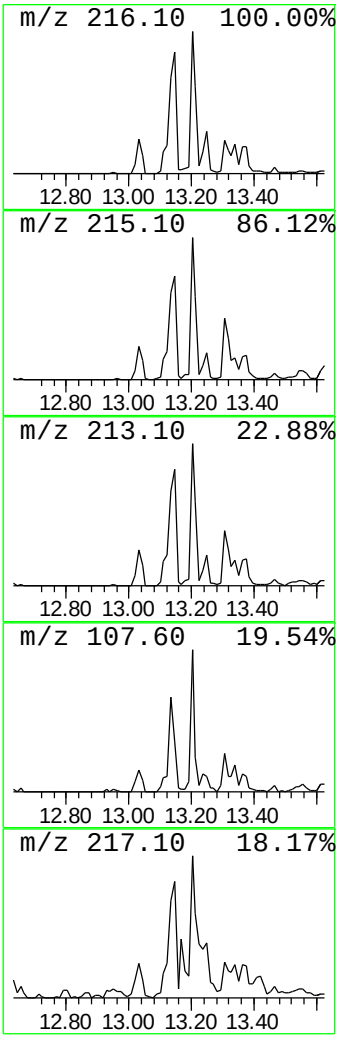
****

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.99 ng	825526	Chrysene-d12	14.01

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	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





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Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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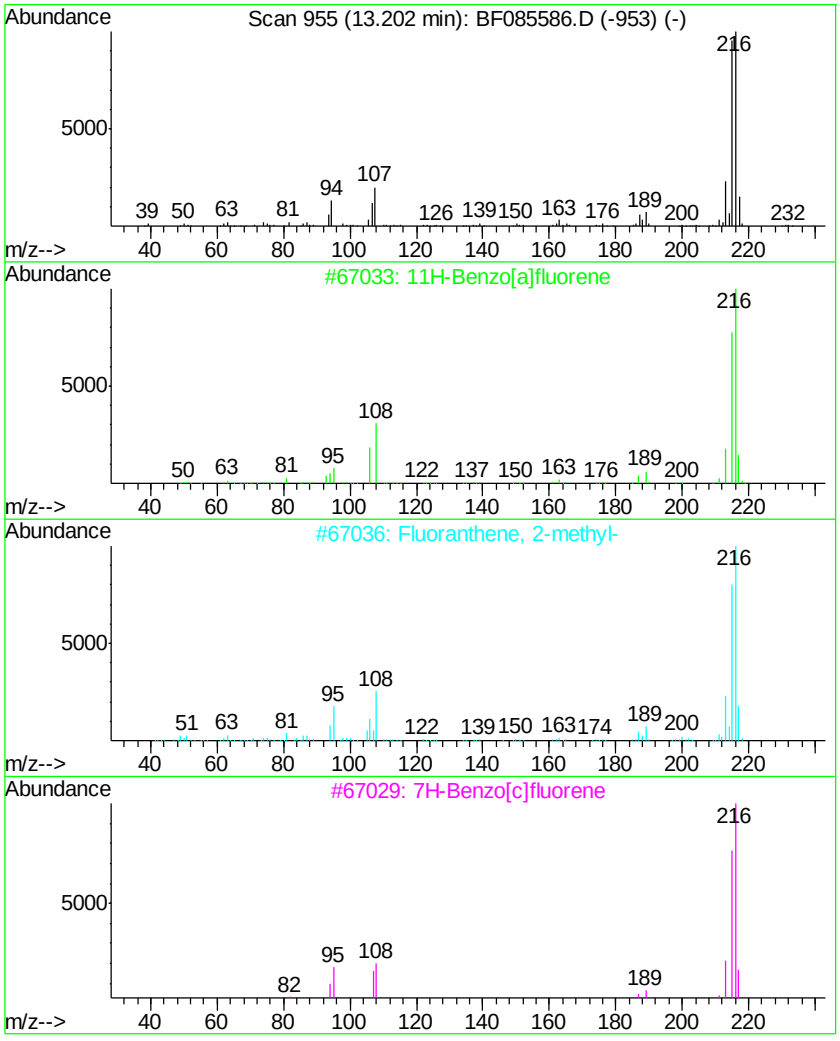
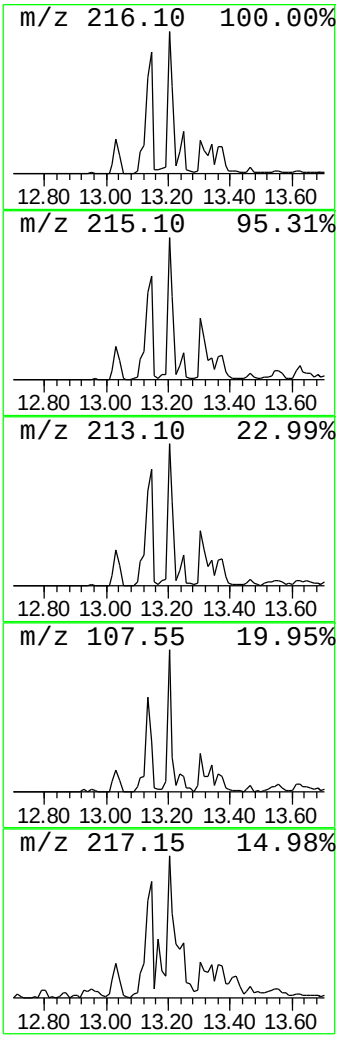
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	5.69 ng	671739	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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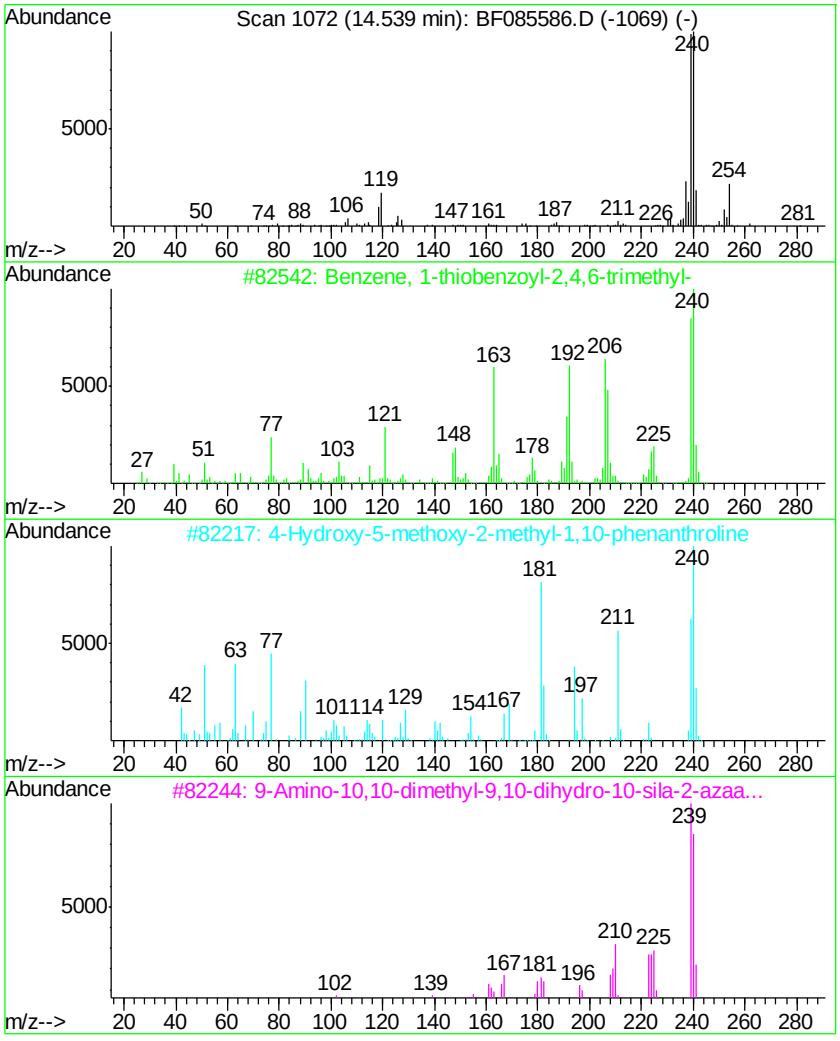
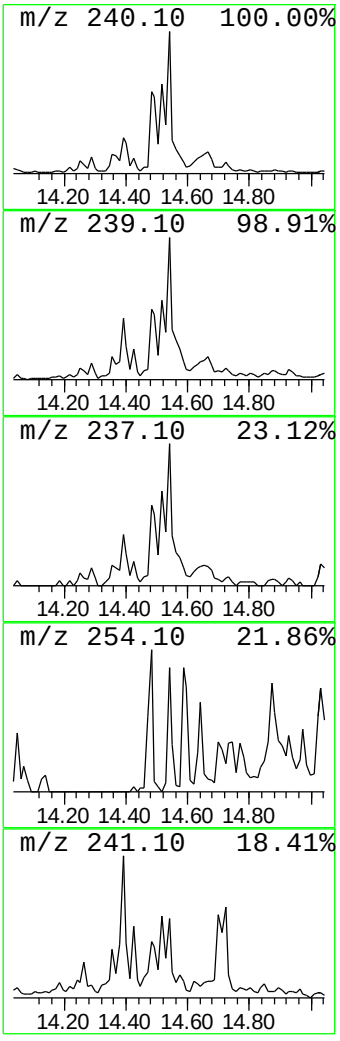
Peak Number 13 Benzene, 1-thiobenzoyl-2,4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.09 ng	365287	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-thiobenzoyl-2,4,6-tri...	240	C16H16S	001143-29-9	50
2	4-Hydroxy-5-methoxy-2-methyl-1,1...	240	C14H12N2O2	093533-14-3	43
3	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	42
4	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	42
5	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	37





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Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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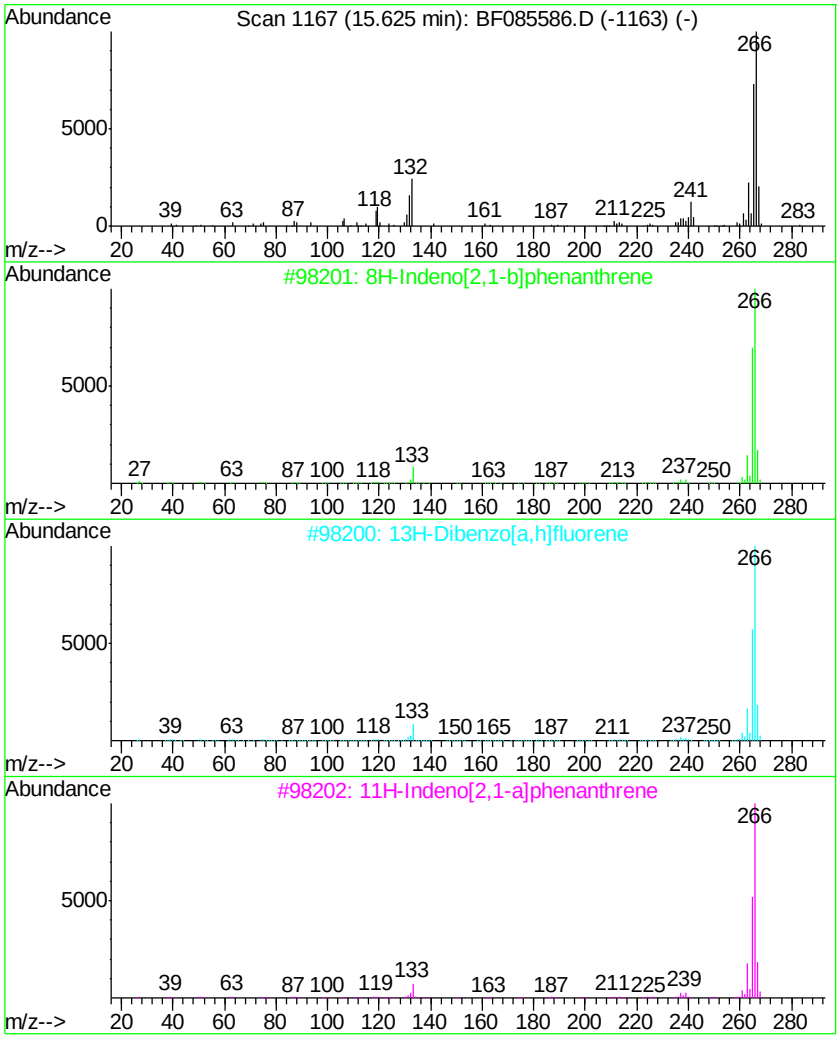
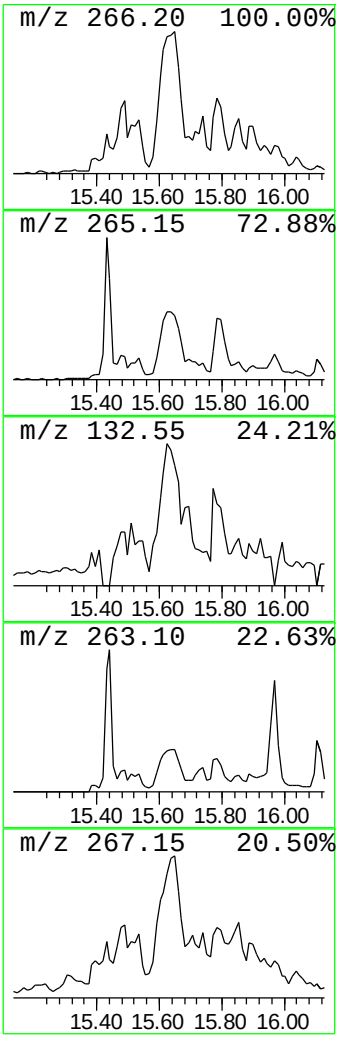
Peak Number 16 8H-Indeno[2,1-b]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	6.21 ng	293949	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	76
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	70
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	62
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	58
5	4,6-Dimethyl-4'-hydroxy-2-benzyl...	266	C17H14O3	002567-73-9	52





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Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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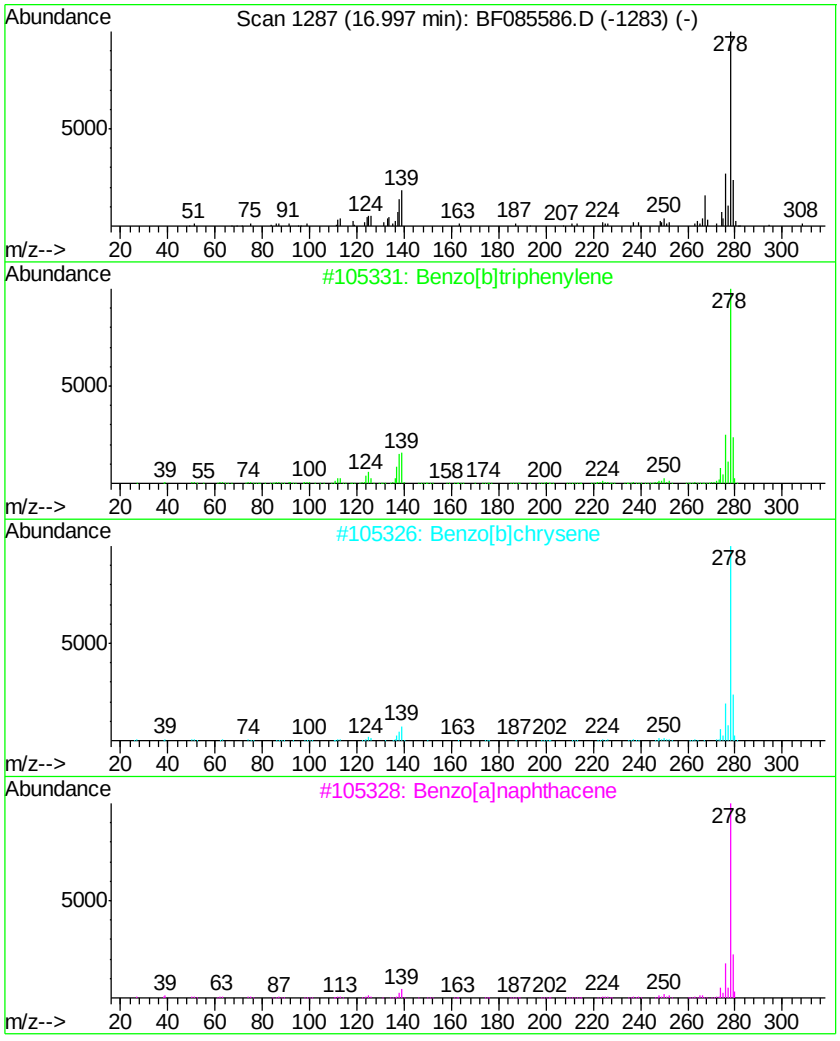
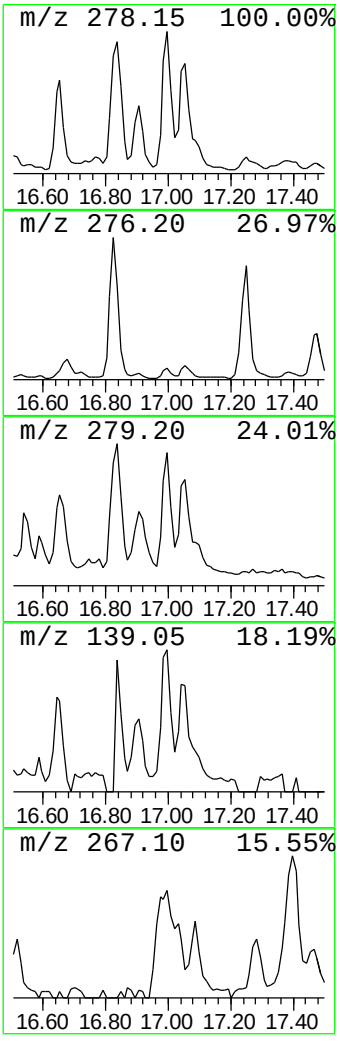
Peak Number 17 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	3.20 ng	151369	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Benzo[b]chrysene	278	C22H14	000214-17-5	97
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	97
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
5	Pentaphene	278	C22H14	000222-93-5	96





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Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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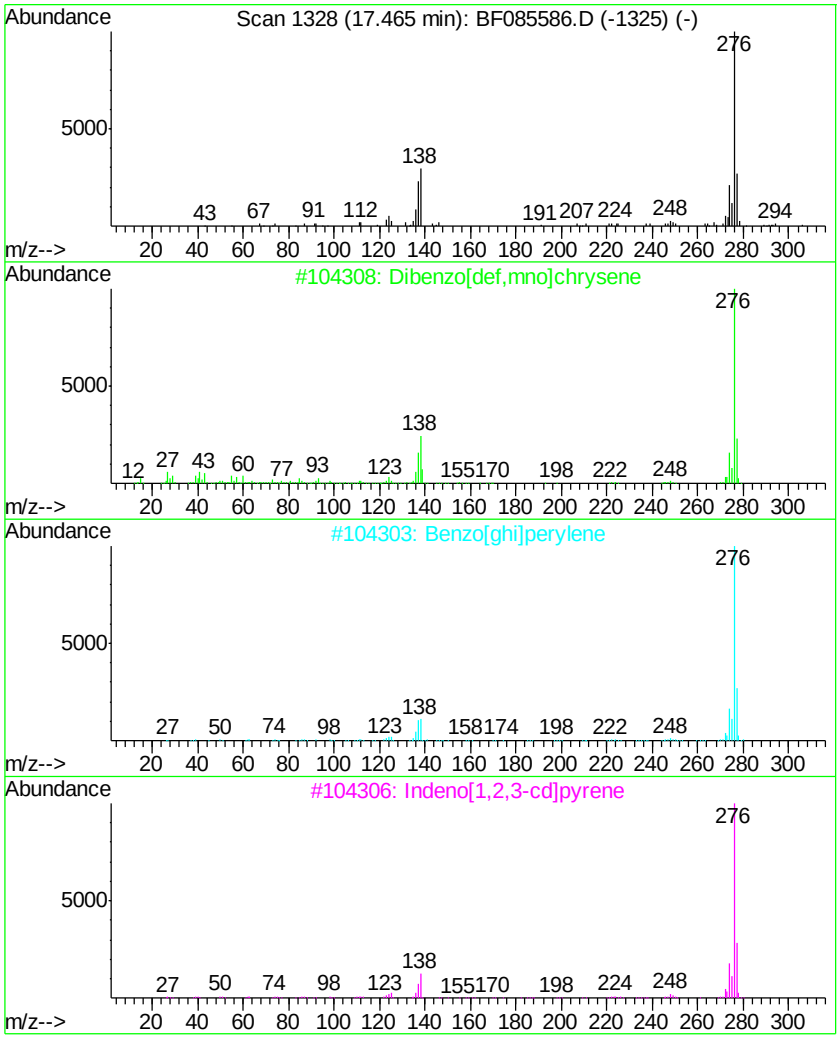
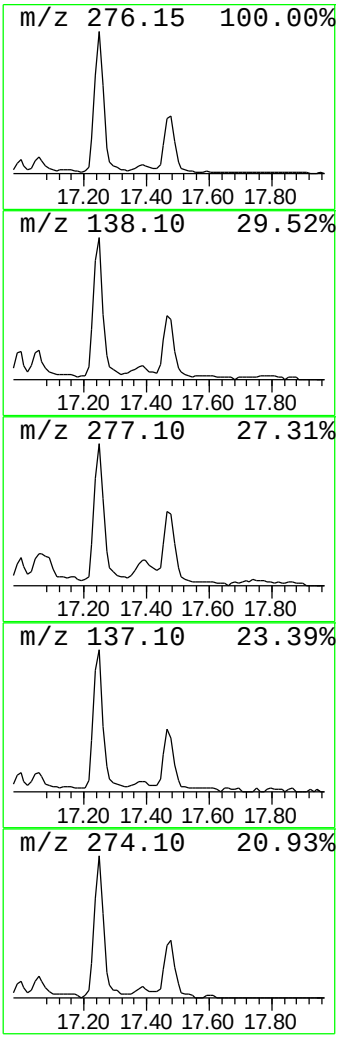
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	4.82 ng	227884	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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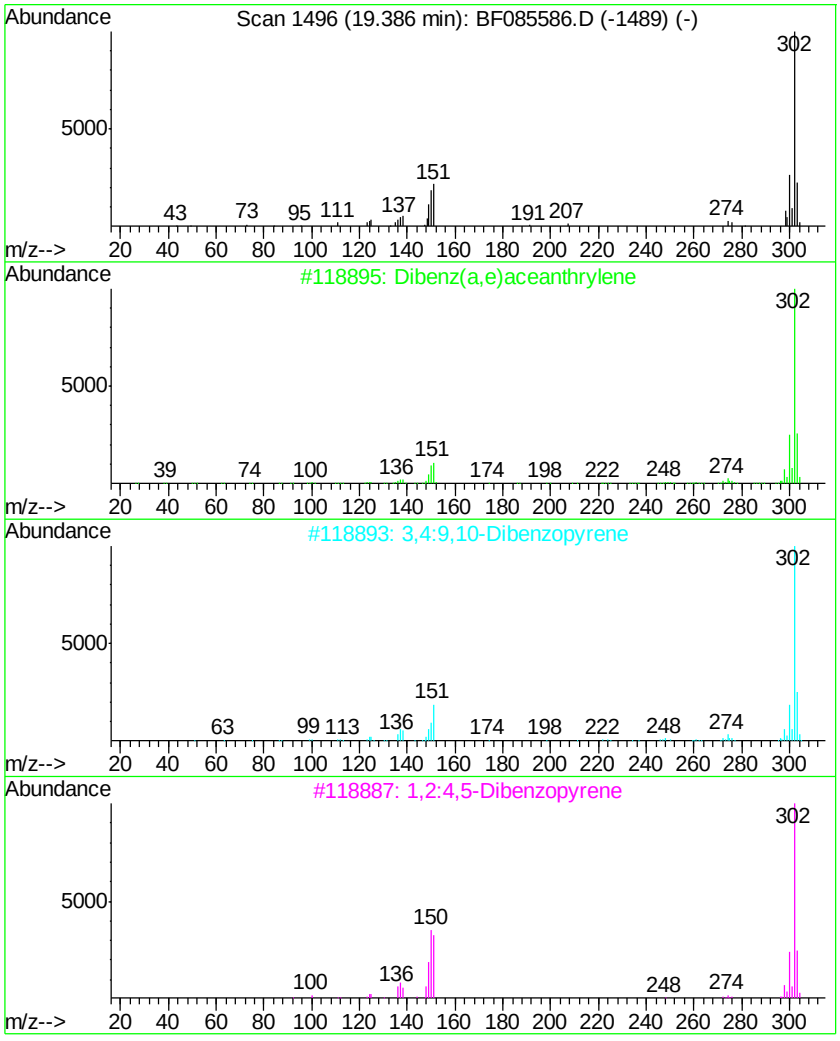
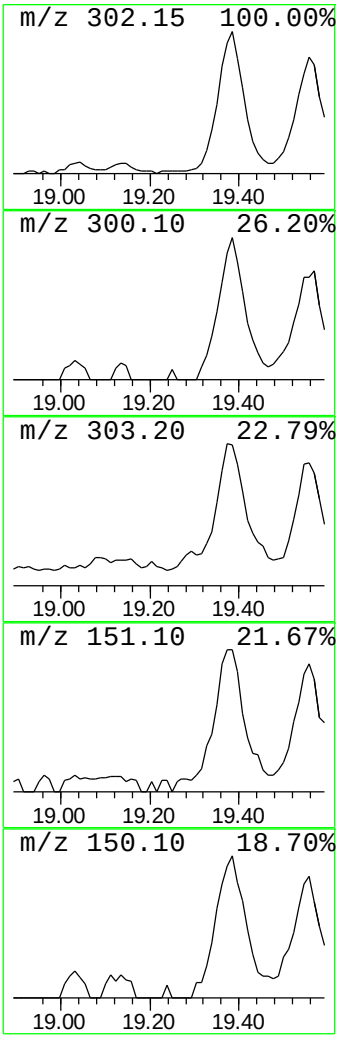
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.51 ng	166147	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	83
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	83
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70





Tentatively Identified Compound (LSC) summary

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Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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
Naphthalene, 2,3-...	9.48	7.0	ng	425206	3	9.89	1210620	20.0
Naphthalene, 2,7-...	9.58	3.1	ng	186645	3	9.89	1210620	20.0
Naphthalene, 2-et...	9.61	3.1	ng	187383	3	9.89	1210620	20.0
Dibenzofuran, 4-m...	10.60	6.2	ng	374108	3	9.89	1210620	20.0
4H-Cyclopenta[def...	11.99	4.4	ng	1347610	4	11.37	6100840	20.0
Fluoranthene, 2-m...	13.13	7.0	ng	825526	5	14.01	2362160	20.0
11H-Benzo[a]fluorene	13.20	5.7	ng	671739	5	14.01	2362160	20.0
Benzene, 1-thiobe...	14.54	3.1	ng	365287	5	14.01	2362160	20.0
8H-Indeno[2,1-b]p...	15.63	6.2	ng	293949	6	15.43	946108	20.0
Benzo[b]triphenylene	17.00	3.2	ng	151369	6	15.43	946108	20.0
Dibenzo[def,mno]c...	17.47	4.8	ng	227884	6	15.43	946108	20.0
Dibenz(a,e)aceant...	19.39	3.5	ng	166147	6	15.43	946108	20.0