LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085766.D
Acq On : 25 Mar 2016 17:23
Operator : UM/SJ
Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-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-BF032416.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	5.419	272	274	282	rVB	142222	187350	5.87%	0.441%
2	6.459	363	365	371	rBV	167979	212255	6.65%	0.500%
3	6.596	375	377	379	rBV	173697	207106	6.49%	0.488%
4	6.825	395	397	399	rBV	736754	663835	20.81%	1.563%
5	6.973	409	410	413	rBV	102807	136571	4.28%	0.322%
6	7.385	445	446	453	rBV	85599	108885	3.41%	0.256%
7	8.105	507	509	514	rBV	757381	914844	28.68%	2.154%
8	9.179	601	603	606	rVB	165476	201227	6.31%	0.474%
9	9.579	636	638	642	rVV	337468	325215	10.19%	0.766%
10	9.728	649	651	653	rBV	108558	131739	4.13%	0.310%
11	9.865	660	663	664	rVV	872775	833232	26.12%	1.962%
12	9.899	664	666	667	rVB	88183	117341	3.68%	0.276%
13	10.071	679	681	683	rVV2	52289	79247	2.48%	0.187%
14	10.299	696	701	704	rBV2	79161	172893	5.42%	0.407%
15	10.402	709	710	714	rVV2	86595	142735	4.47%	0.336%
16	10.516	717	720	723	rVV2	74087	144642	4.53%	0.341%
17	10.642	728	731	733	rVV2	107619	187494	5.88%	0.441%
18	10.768	740	742	746	rVV2	147076	205080	6.43%	0.483%
19	10.962	755	759	762	rBV4	46182	125921	3.95%	0.296%
20	11.111	770	772	774	rVV3	45346	83938	2.63%	0.198%
21	11.156	774	776	777	rVV	68061	80631	2.53%	0.190%
22	11.191	777	779	780	rVV	62821	89689	2.81%	0.211%
23	11.236	782	783	786	rVB	85590	126463	3.96%	0.298%
24	11.374	790	795	797	rVV2	1335173	2151204	67.43%	5.065%
25	11.419	797	799	801	rVV	416620	362863	11.37%	0.854%
26	11.579	810	813	817	rBV	161294	253174	7.94%	0.596%
27	11.751	824	828	831	rVB2	31969	93160	2.92%	0.219%
28	11.842	834	836	837	rBV	243512	246670	7.73%	0.581%
29	11.876	837	839	841	rVB	451915	399728	12.53%	0.941%
30	11.922	841	843	844	rVB2	92202	85966	2.69%	0.202%
31	11.956	844	846	851	rVB2	500438	658063	20.63%	1.550%
32	12.048	851	854	855	rBV2	56077	94263	2.95%	0.222%
33	12.139	860	862	863	rBV	182868	155037	4.86%	0.365%
34	12.162	863	864	867	rVB	197374	253856	7.96%	0.598%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.288	871	875	876	rBV	76477	100577	3.15%	0.237%
36	12.322	876	878	882	rVB	86589	130836	4.10%	0.308%
37	12.391	882	884	886	rBV	174406	240244	7.53%	0.566%
38	12.425	886	887	890	rVV3	96198	172517	5.41%	0.406%
39	12.482	890	892	896	rVB2	188984	207882	6.52%	0.489%
40	12.562	896	899	901	rBV	3008561	2901855	90.96%	6.833%
41	12.619	901	904	905	rBV2	66137	102186	3.20%	0.241%
42	12.654	905	907	908	rBV	98076	91983	2.88%	0.217%
43	12.699	908	911	915	rVB4	96644	218645	6.85%	0.515%
44	12.791	915	919	921	rBV	2624949	3190150	100.00%	7.512%
45	12.837	921	923	925	rVB2	122669	157502	4.94%	0.371%
46	12.905	927	929	930	rBV	154515	206830	6.48%	0.487%
47	12.928	930	931	934	rVB2	168028	278362	8.73%	0.655%
48	13.008	934	938	939	rBV2	201225	371798	11.65%	0.875%
49	13.111	943	947	949	rVB	453472	644170	20.19%	1.517%
50	13.179	949	953	954	rBV2	346840	460489	14.43%	1.084%
51	13.214	954	956	960	rVB2	322343	422249	13.24%	0.994%
52	13.305	962	964	965	rVV	164904	124357	3.90%	0.293%
53	13.339	965	967	969	rVB	158308	146078	4.58%	0.344%
54	13.499	978	981	983	rBV4	129025	214516	6.72%	0.505%
55	13.625	988	992	994	rBV2	191419	367373	11.52%	0.865%
56	13.728	998	1001	1002	rBV	342629	384024	12.04%	0.904%
57	13.751	1002	1003	1005	rVV	198685	328175	10.29%	0.773%
58	13.785	1005	1006	1008	rVV2	199671	282153	8.84%	0.664%
59	13.831	1008	1010	1014	rVV2	530542	674099	21.13%	1.587%
60	13.900	1014	1016	1019	rVB	70768	96883	3.04%	0.228%
61	13.980	1019	1023	1024	rBV2	1511118	2620104	82.13%	6.169%
62	14.014	1024	1026	1028	rVV	1221365	1528968	47.93%	3.600%
63	14.082	1029	1032	1035	rVV2	275079	397809	12.47%	0.937%
64	14.140	1035	1037	1039	rVV3	122144	288148	9.03%	0.678%
65	14.208	1041	1043	1044	rVV2	166022	215254	6.75%	0.507%
66	14.334	1052	1054	1055	rVV2	73955	129910	4.07%	0.306%
67	14.368	1055	1057	1058	rVV	323629	354005	11.10%	0.834%
68	14.402	1058	1060	1062	rVV3	161904	226071	7.09%	0.532%
69	14.460	1062	1065	1066	rVV3	191455	375457	11.77%	0.884%
70	14.494	1066	1068	1071	rVV3	172896	392990	12.32%	0.925%
71	14.562	1071	1074	1077	rVB2	116481	214097	6.71%	0.504%

LSC Area Percent Report

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Acq On : 25 Mar 2016 17:23
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.677	1081	1084	1088	rBV3	127666	337762	10.59%	0.795%
73	14.745	1088	1090	1092	rBV2	99774	114631	3.59%	0.270%
74	14.848	1097	1099	1100	rBV2	91013	105430	3.30%	0.248%
75	14.882	1100	1102	1104	rBV	298480	262779	8.24%	0.619%
76	15.008	1109	1113	1116	rVV	1247846	2651465	83.11%	6.243%
77	15.065	1116	1118	1119	rVV2	253150	318228	9.98%	0.749%
78	15.100	1119	1121	1123	rVV	425547	598250	18.75%	1.409%
79	15.203	1127	1130	1132	rVV4	70123	226920	7.11%	0.534%
80	15.283	1135	1137	1140	rVV	662821	997639	31.27%	2.349%
81	15.351	1140	1143	1145	rVV	1055017	1312037	41.13%	3.089%
82	15.408	1145	1148	1154	rVB2	465591	1101187	34.52%	2.593%
83	15.614	1164	1166	1169	rVB2	146489	251280	7.88%	0.592%
84	15.831	1182	1185	1188	rBV	357548	584815	18.33%	1.377%
85	15.934	1192	1194	1196	rVB2	82475	111087	3.48%	0.262%
86	16.071	1202	1206	1213	rVB4	63475	226474	7.10%	0.533%
87	16.460	1237	1240	1246	rVB5	65309	240345	7.53%	0.566%
88	16.574	1247	1250	1252	rBV2	57812	123803	3.88%	0.292%
89	16.791	1265	1269	1272	rVV	412771	777460	24.37%	1.831%
90	16.860	1272	1275	1279	rVB2	119109	276365	8.66%	0.651%
91	16.951	1280	1283	1285	rBV	84589	182307	5.71%	0.429%
92	17.008	1285	1288	1292	rVV2	73875	157952	4.95%	0.372%
93	17.214	1302	1306	1313	rVV	293077	648958	20.34%	1.528%
94	17.340	1313	1317	1322	rVV4	73155	240248	7.53%	0.566%
95	17.431	1322	1325	1335	rVB2	81953	273258	8.57%	0.643%
96	17.694	1344	1348	1351	rBV5	35124	96561	3.03%	0.227%
97	18.277	1395	1399	1408	rBV8	80638	258386	8.10%	0.608%
98	18.540	1418	1422	1428	rVB	42144	124146	3.89%	0.292%
99	19.329	1487	1491	1498	rVB2	69878	247603	7.76%	0.583%
100	19.512	1502	1507	1510	rBV	40821	130849	4.10%	0.308%

Sum of corrected areas: 42469288

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085766.D
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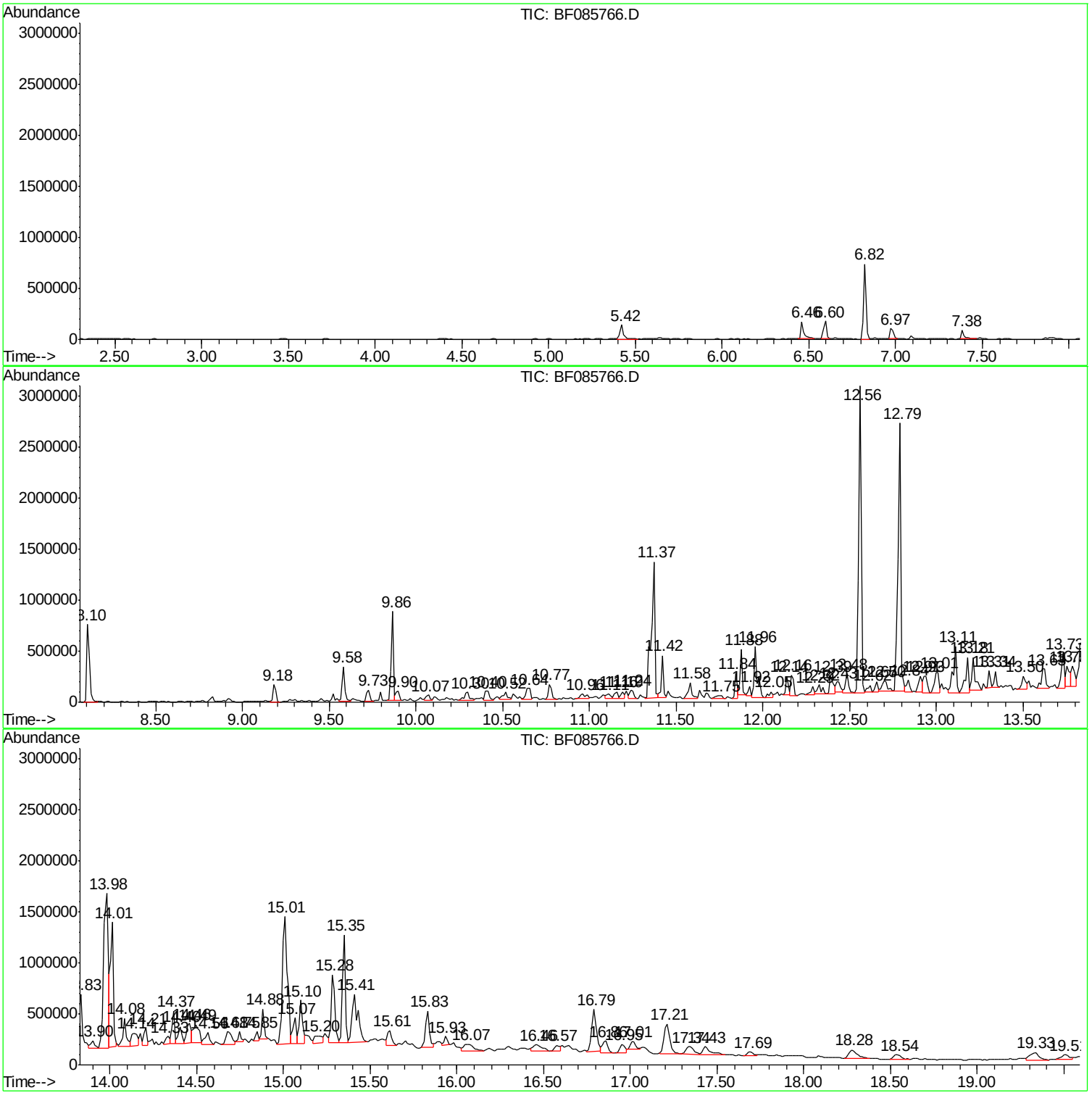
Operator : UM/SJ
Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Sample : H1855-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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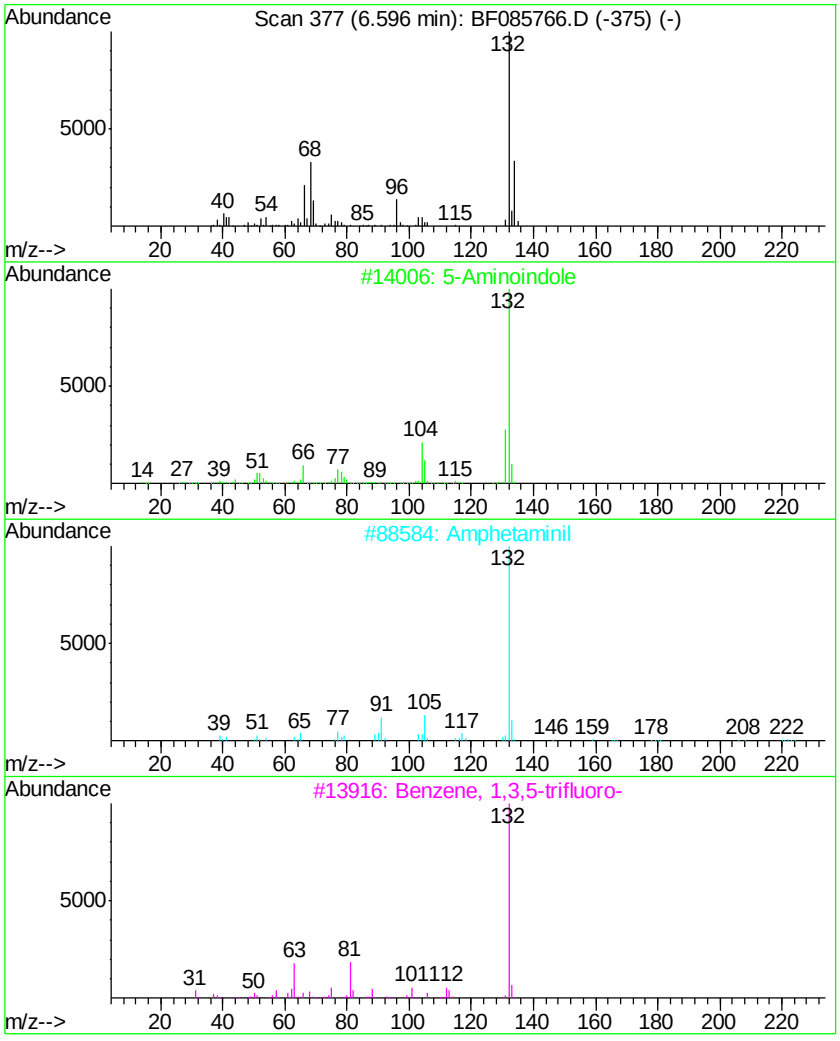
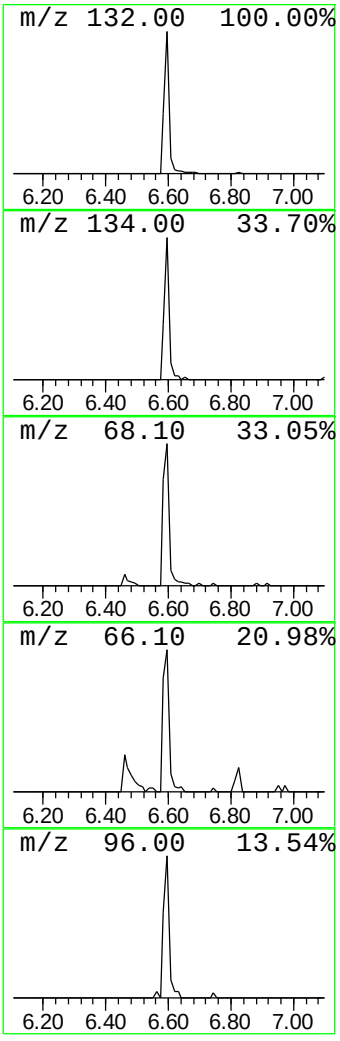
Peak Number 1 unknown6.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	6.24 ng	207106	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF085766.D
Acq On : 25 Mar 2016 17:23
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Sample : H1855-02
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Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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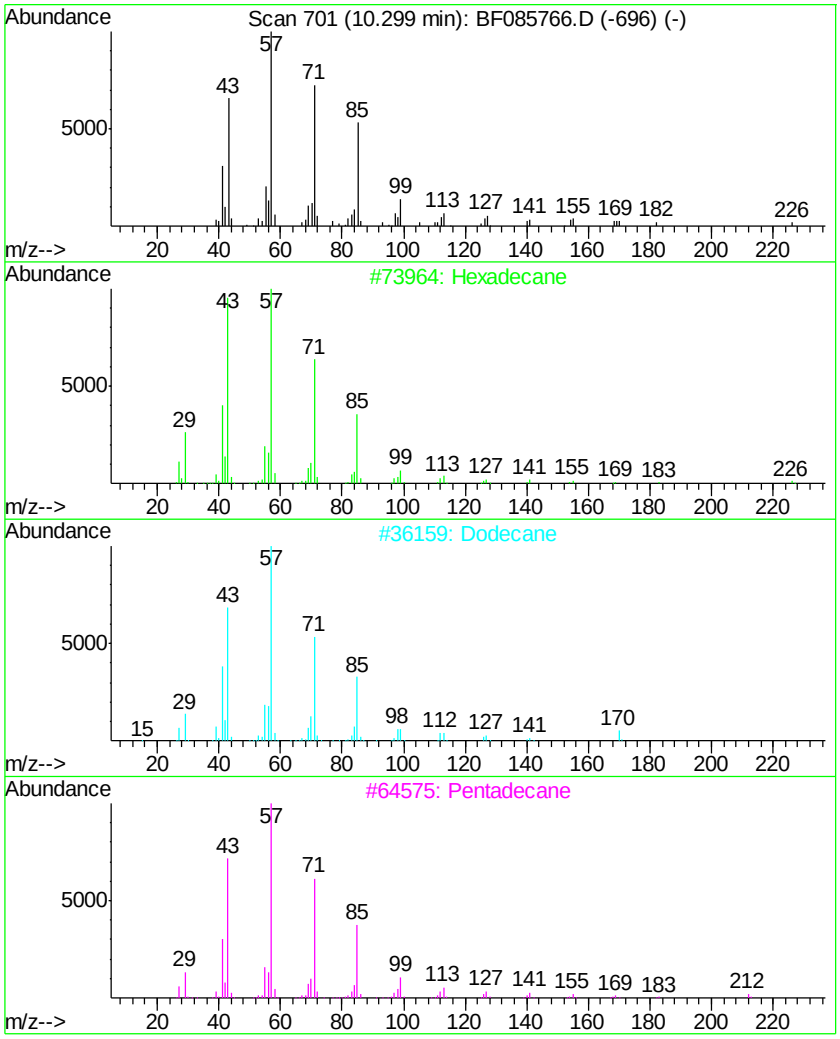
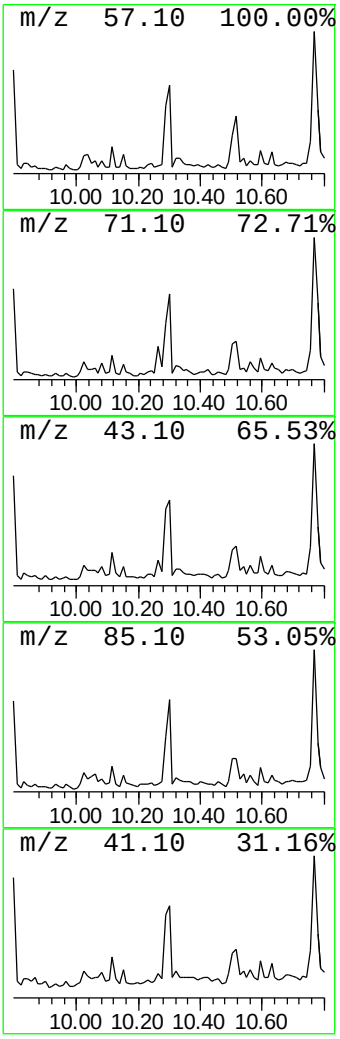
****

Peak Number 3 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.15 ng	172893	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Dodecane	170	C12H26	000112-40-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heptadecane	240	C17H36	000629-78-7	80





Library Search Compound Report

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ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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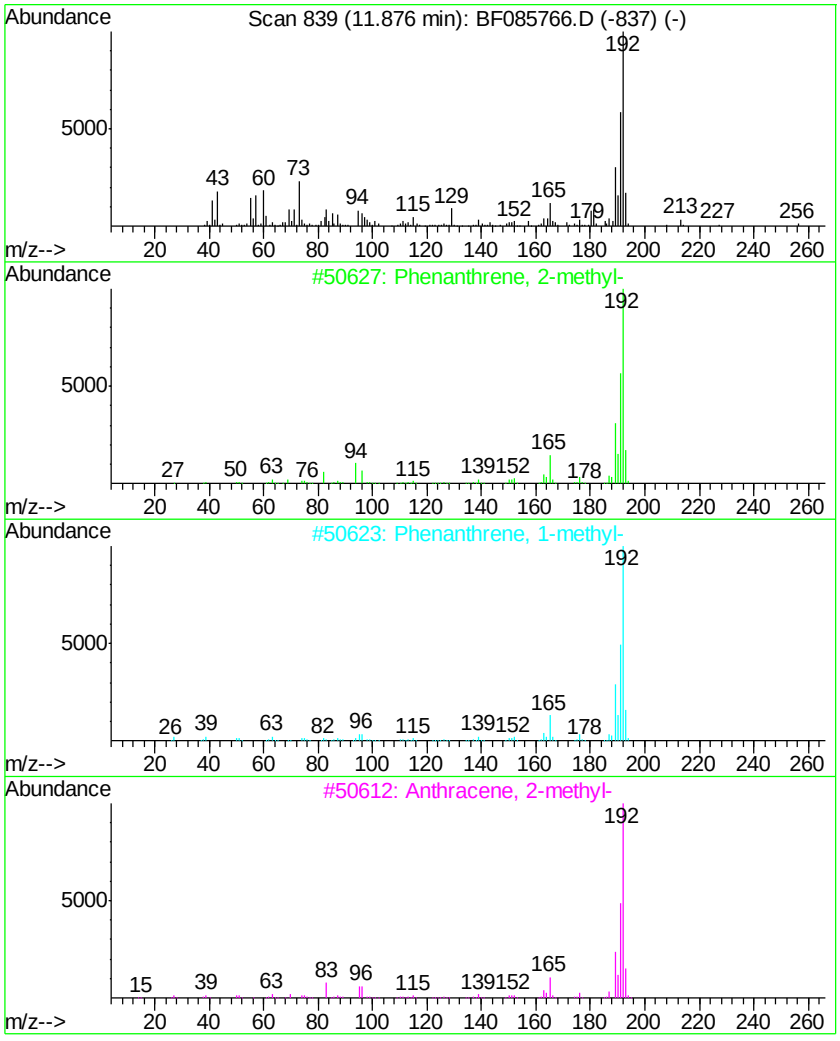
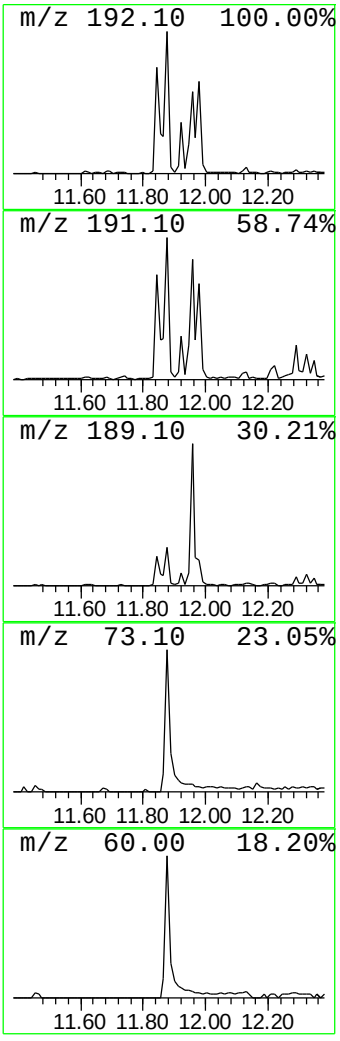
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.72 ng	399728	Phenanthrene-d10	11.35

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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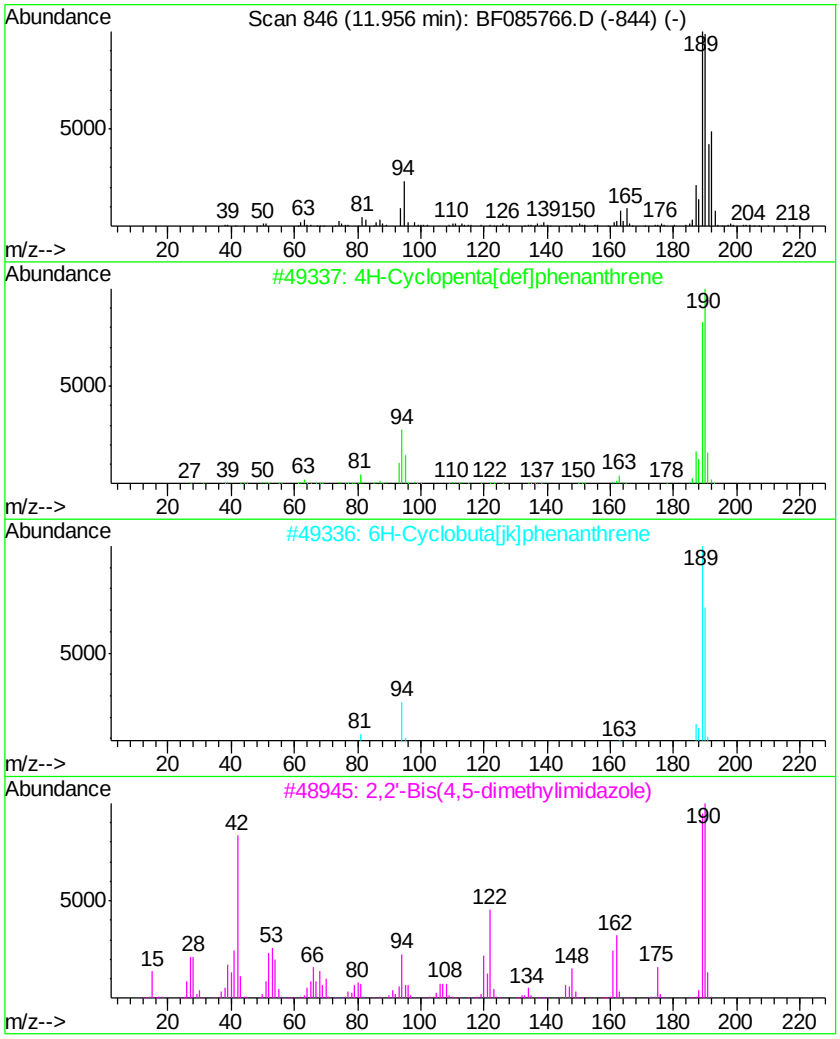
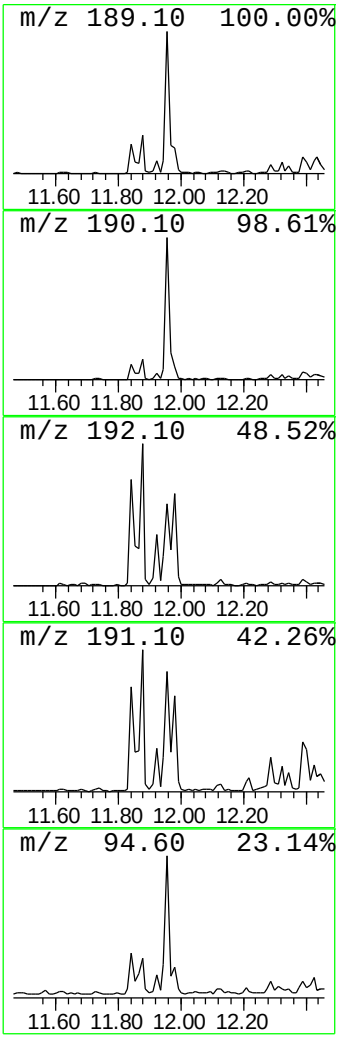
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.12 ng	658063	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	16





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Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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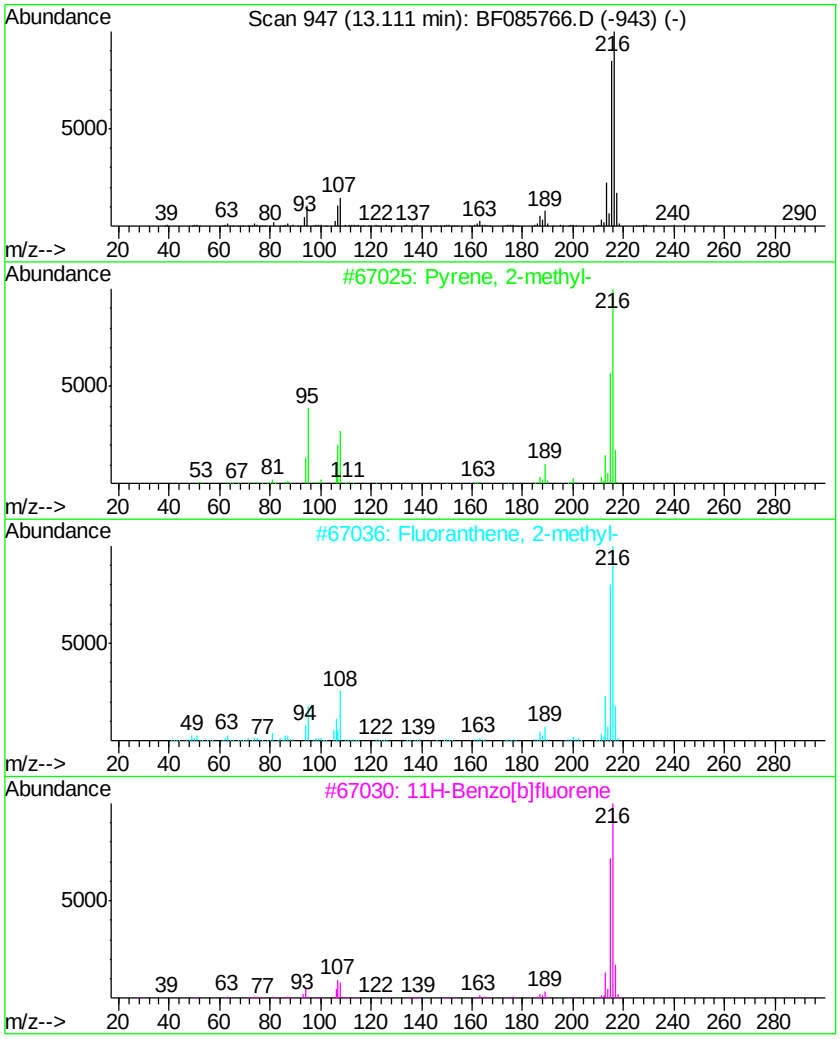
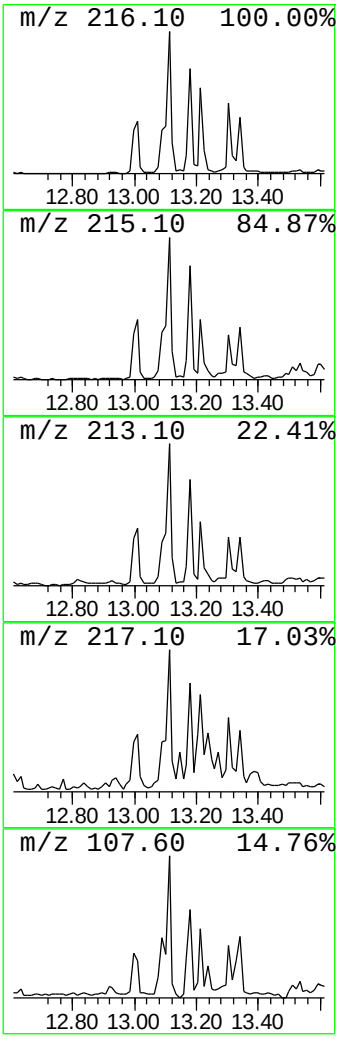
Peak Number 6 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.92 ng	644170	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085766.D
Acq On : 25 Mar 2016 17:23
Operator : UM/SJ
Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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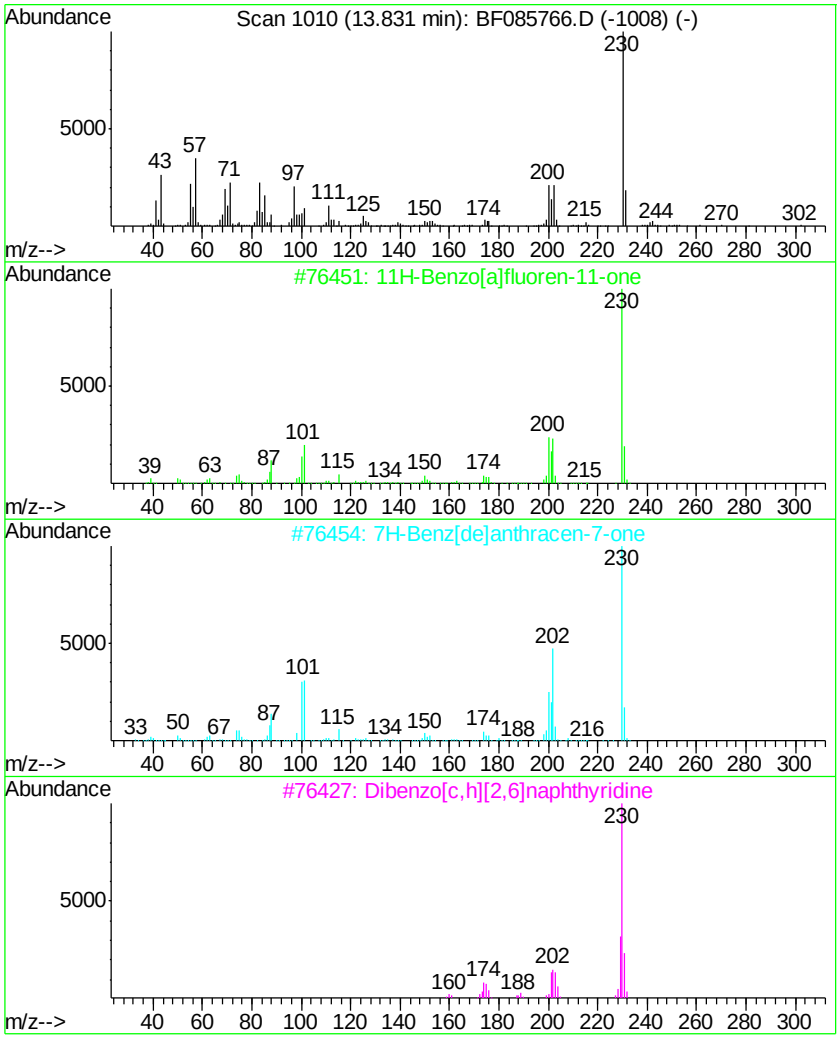
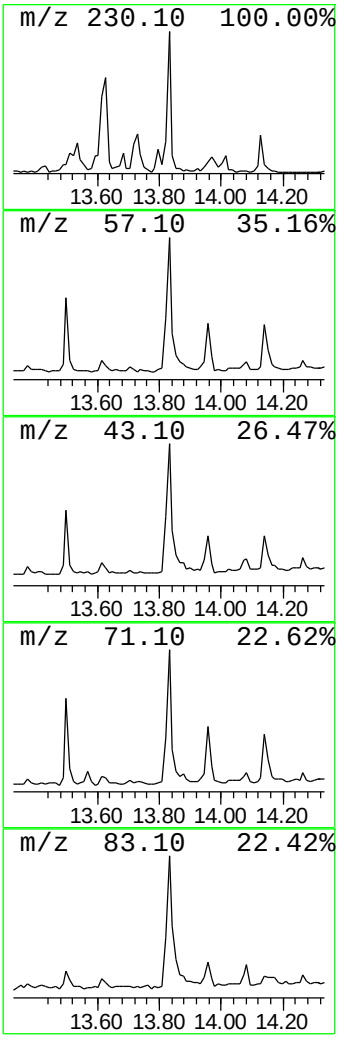
Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.15 ng	674099	Chrysene-d12	13.98

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	58
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	50
5	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	38





Library Search Compound Report

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Data File : BF085766.D
Acq On : 25 Mar 2016 17:23
Operator : UM/SJ
Sample : H1855-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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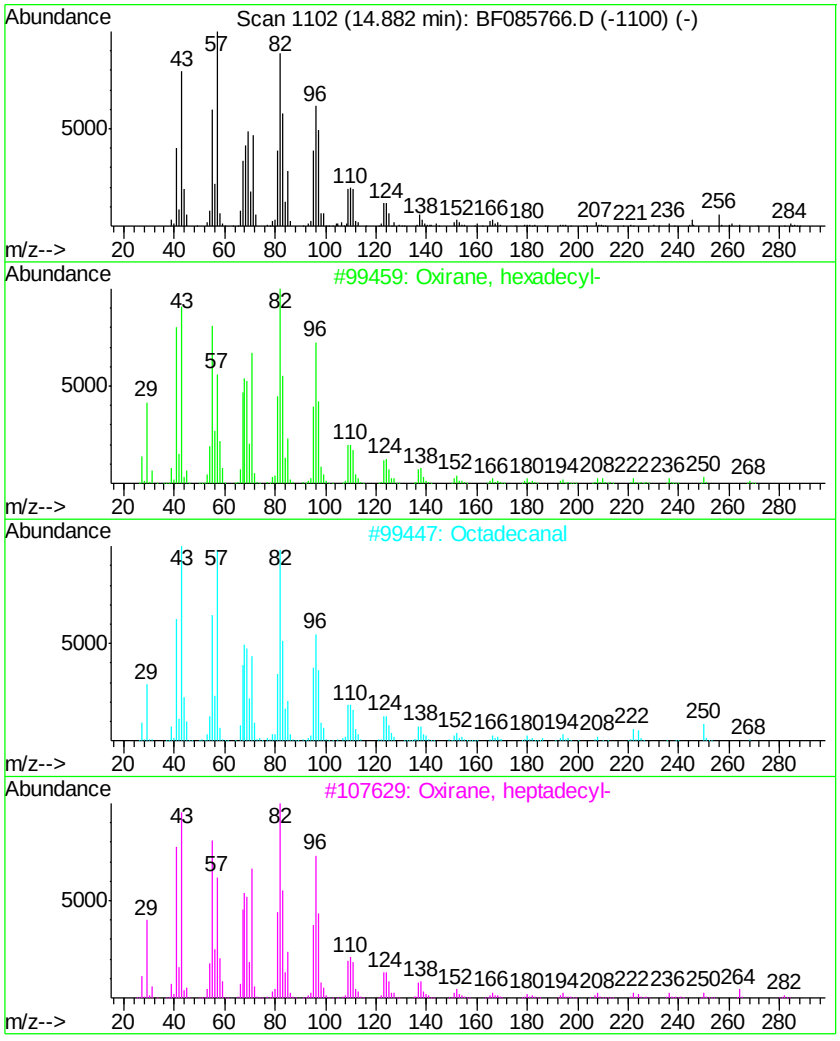
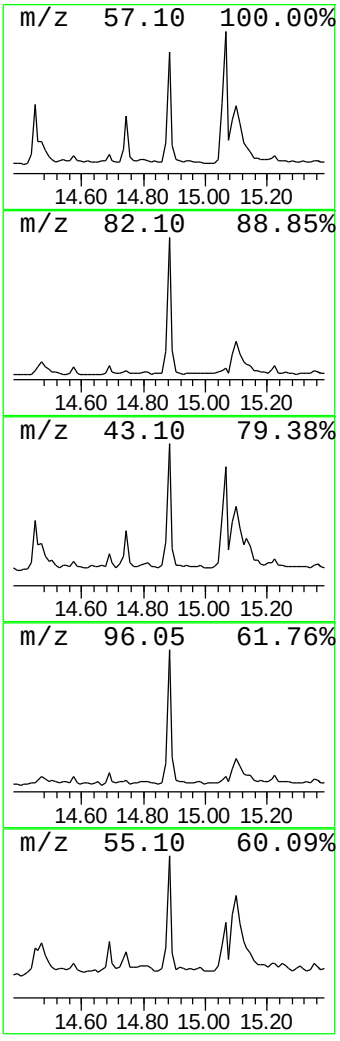
Peak Number 8 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	4.77 ng	262779	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4	13-Octadecenal	266	C18H34O	056554-90-6	90
5	17-Octadecenal	266	C18H34O	056554-86-0	90





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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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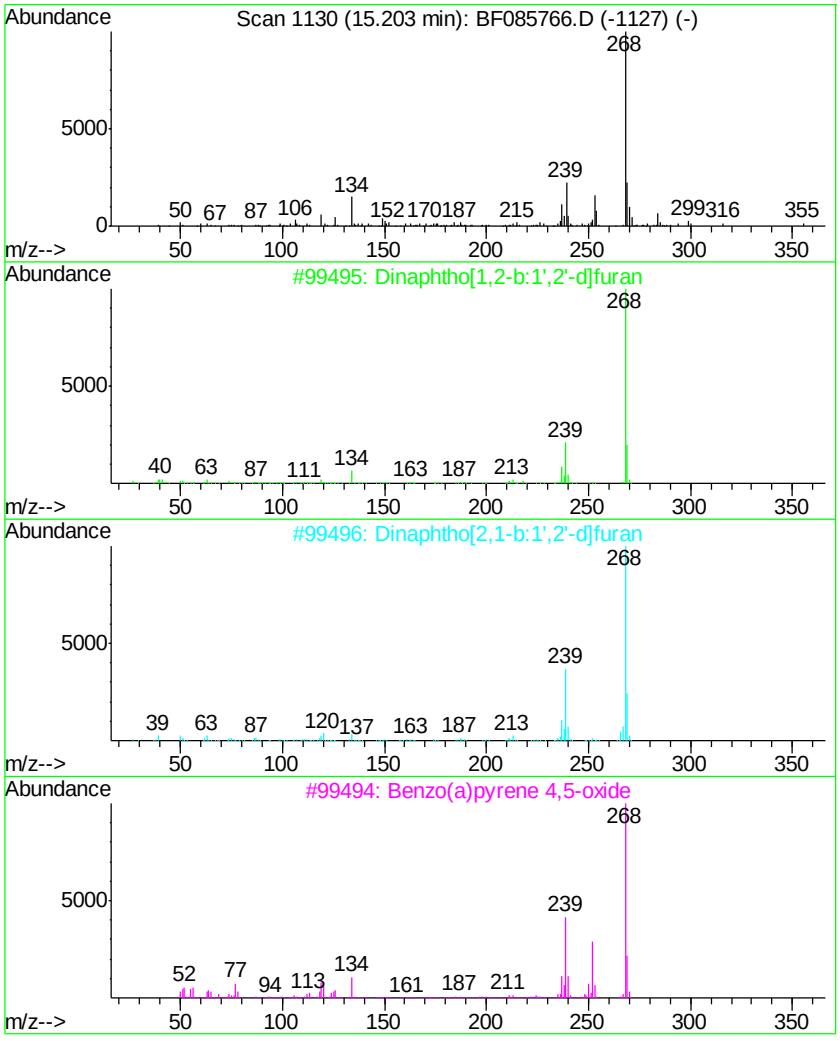
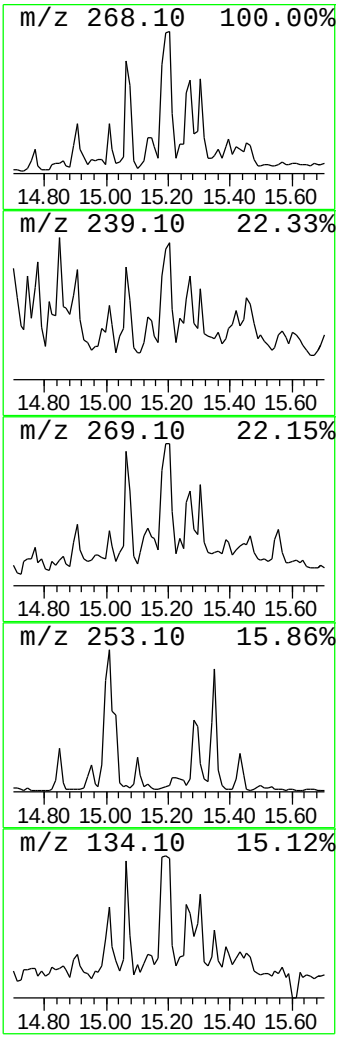
Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.12 ng	226920	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	74
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	58





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

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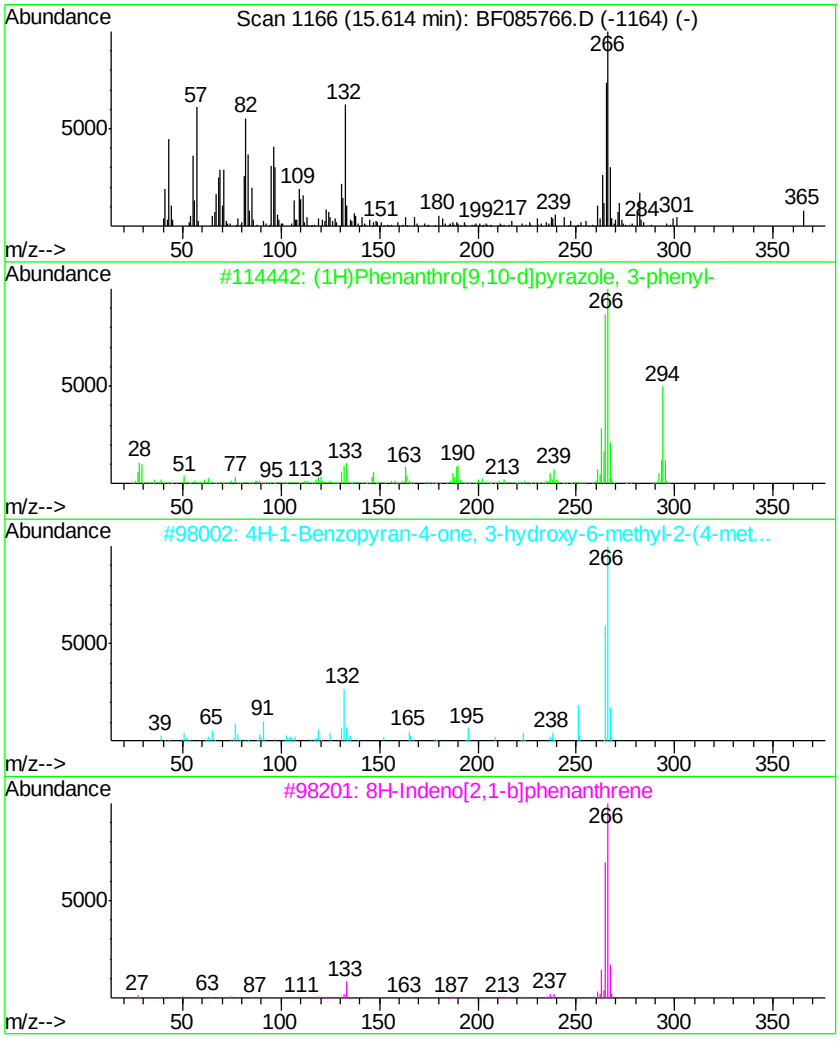
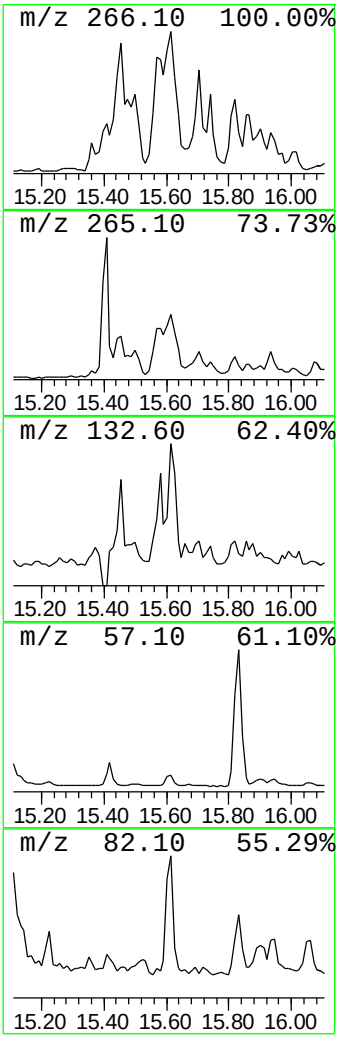
Peak Number 12 (1H)Phenanthro[9,10-d]pyraz... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.56 ng	251280	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	52
2	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	47
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	47
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	46
5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	46





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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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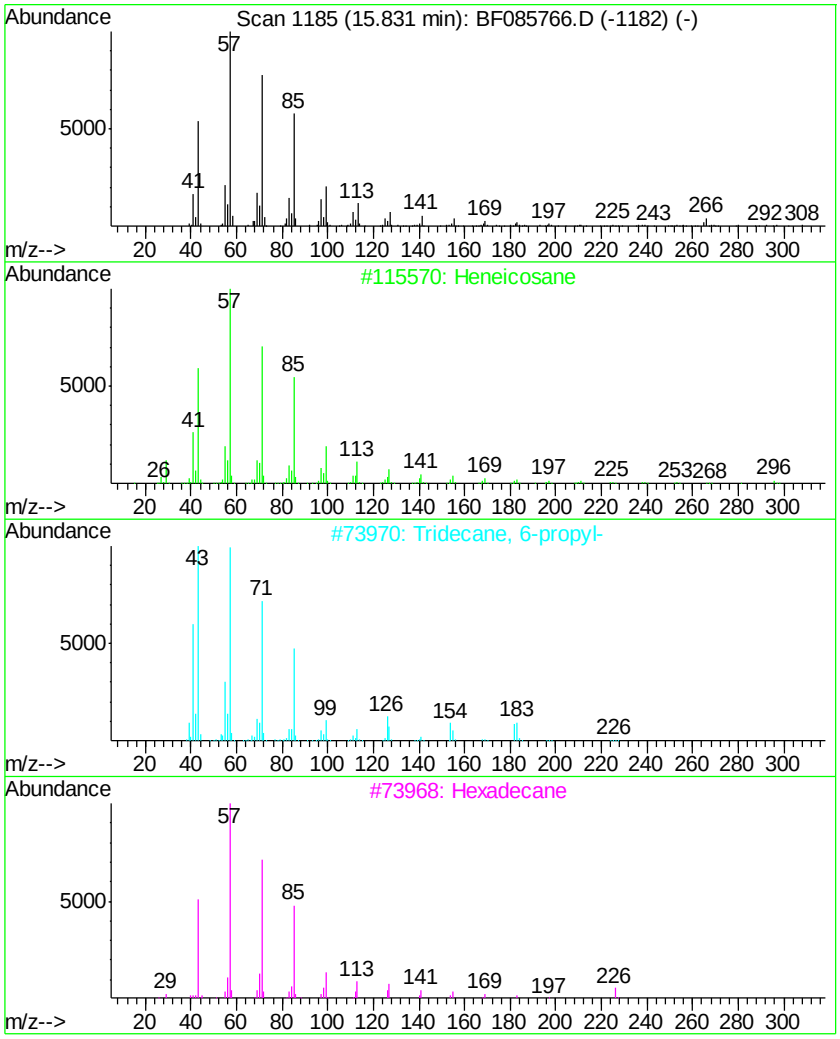
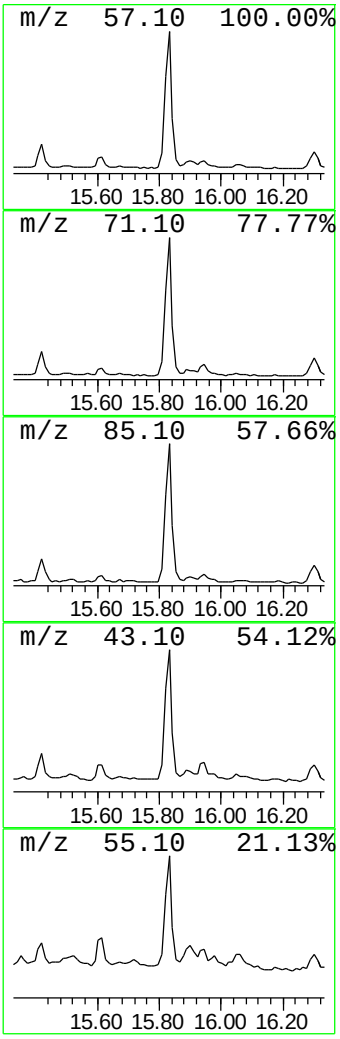
Peak Number 13 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	10.62 ng	584815	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





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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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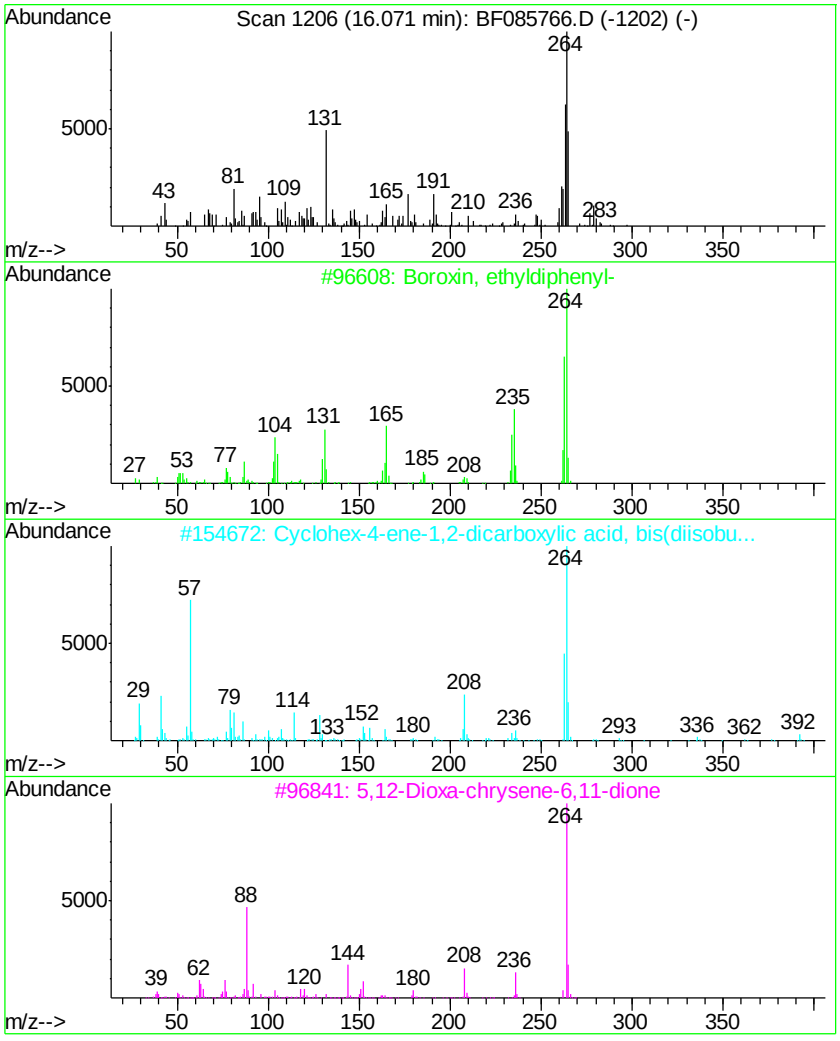
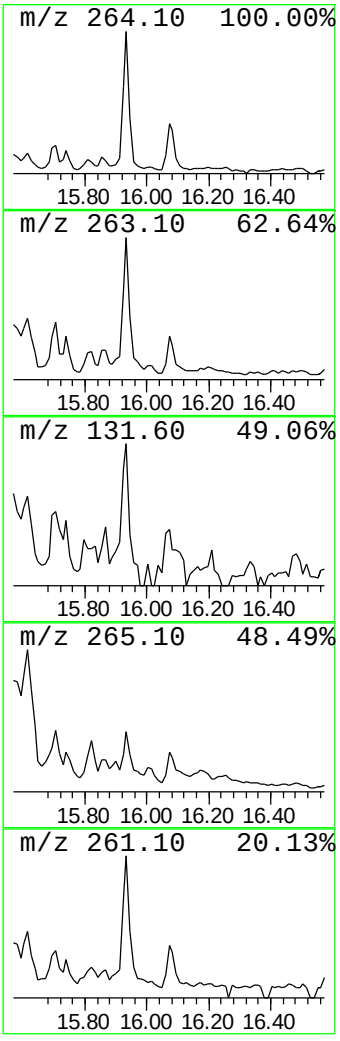
Peak Number 14 unknown16.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.11 ng	226474	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	37
2	Cyclohex-4-ene-1,2-dicarboxylic ...	392	C24H44N2O2	1000187-42-7	23
3	5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	22
4	3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	17
5	1,2-Diazine, 3,5-di[2-hydroxyphe...	264	C16H12N2O2	122763-54-6	17





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Misc :
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ClientSampleId : SB-1

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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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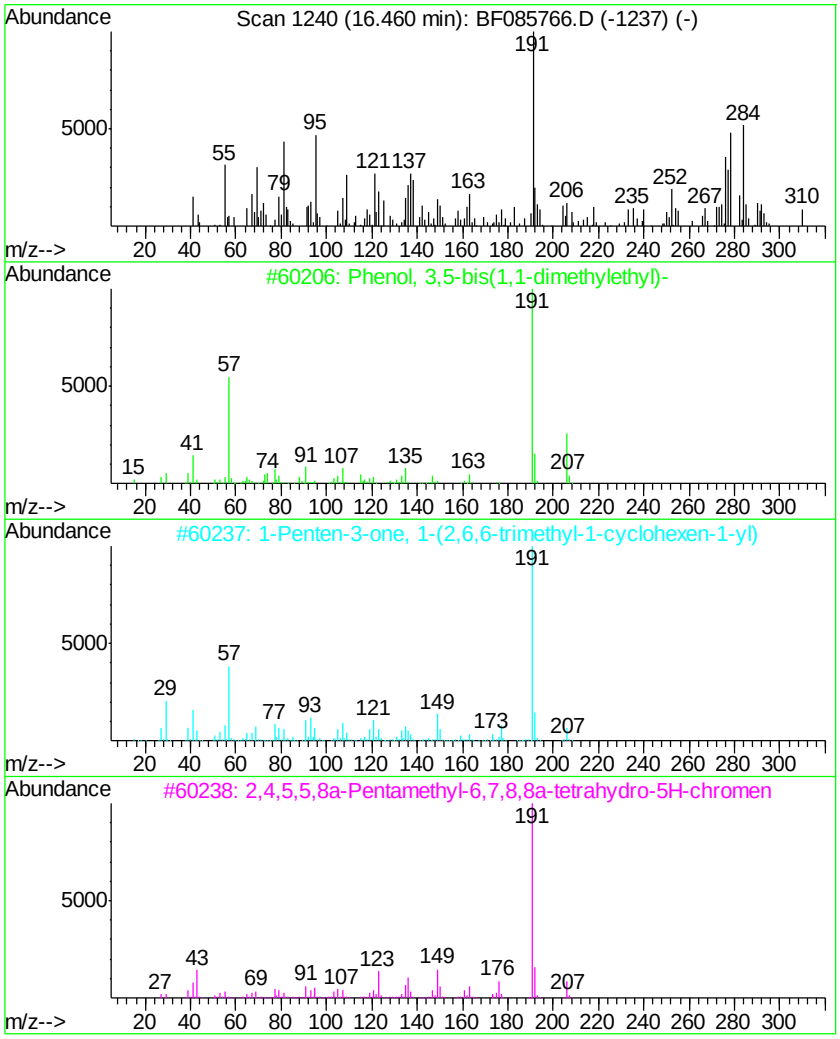
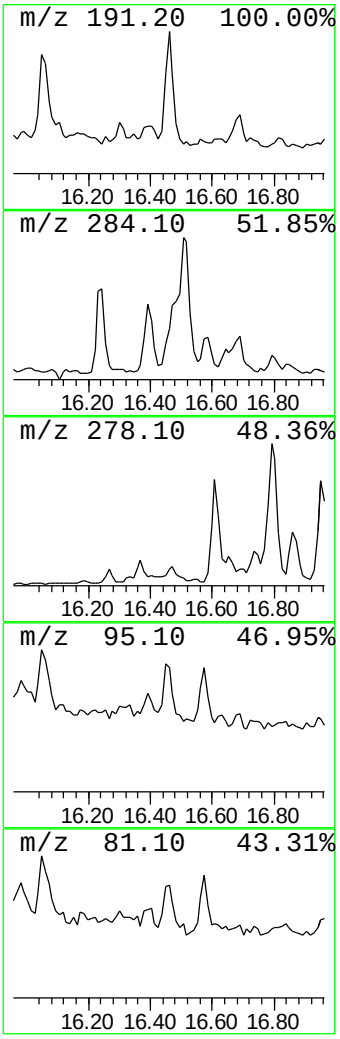
Peak Number 15 unknown16.46 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	4.37 ng	240345	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	38
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	30
4	Anthracene, 9-heptyl-	276	C21H24	1000157-50-3	27
5	Anthracene, 9-butyl-	234	C18H18	001498-69-7	22





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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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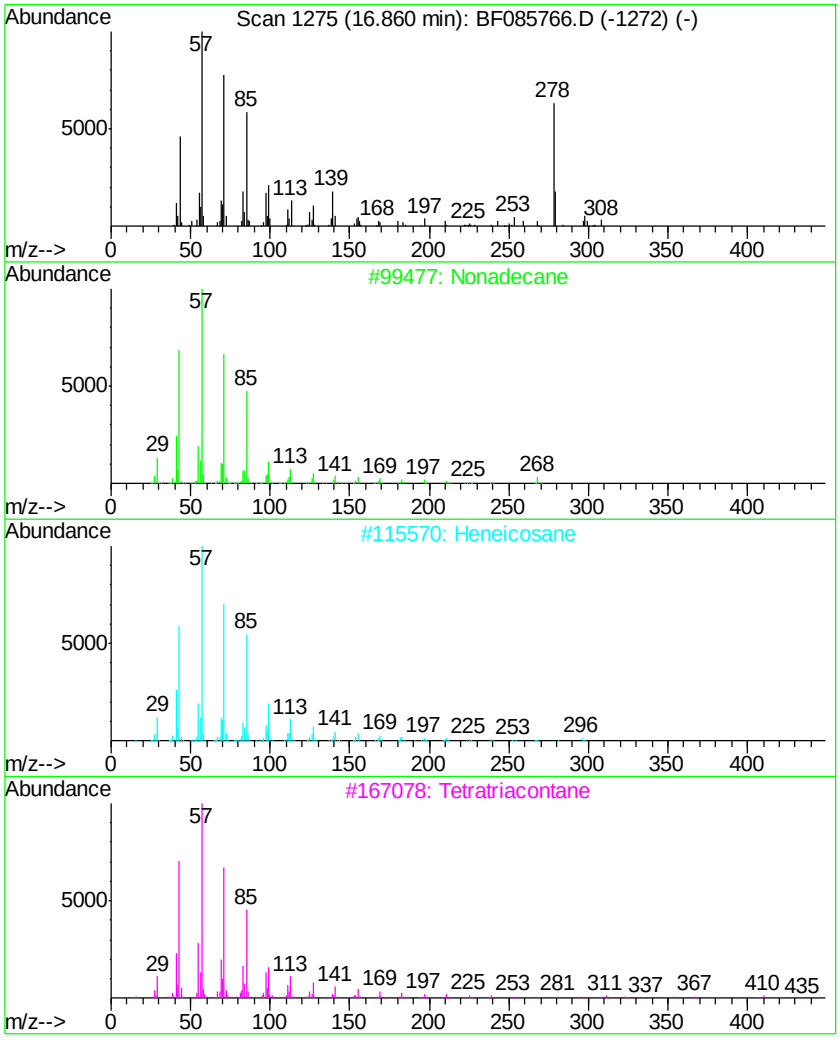
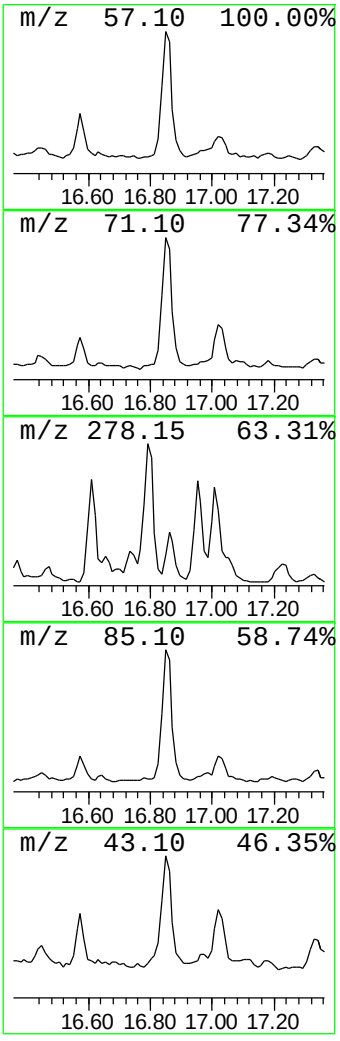
Peak Number 16 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	5.02 ng	276365	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Heneicosane	296	C21H44	000629-94-7	70
3	Tetratriacontane	479	C34H70	014167-59-0	62
4	Octadecane	254	C18H38	000593-45-3	58
5	Triacontane	422	C30H62	000638-68-6	58





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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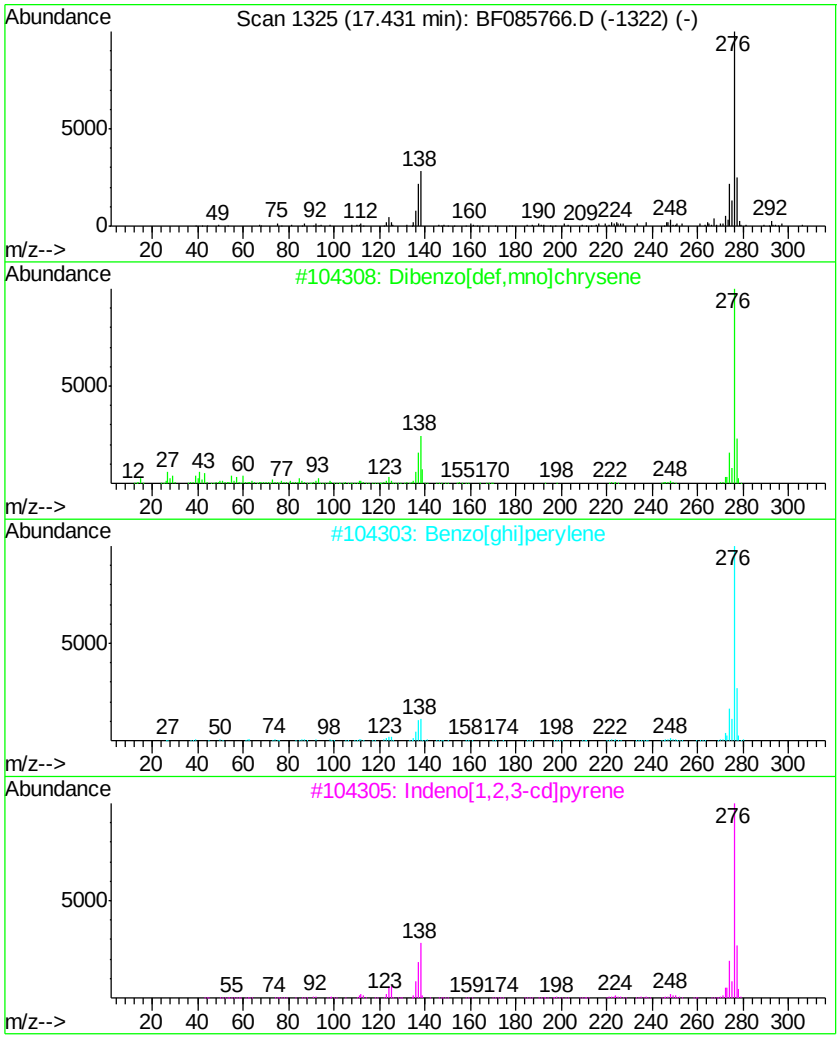
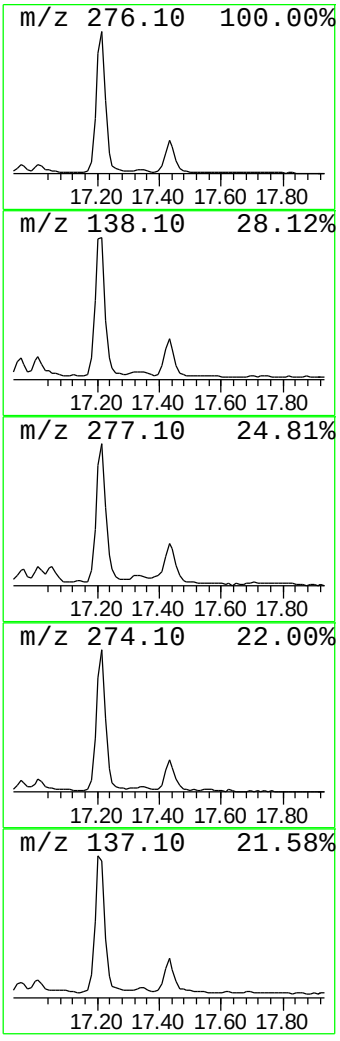
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	4.96 ng	273258	Perylene-d12	15.41

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	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50





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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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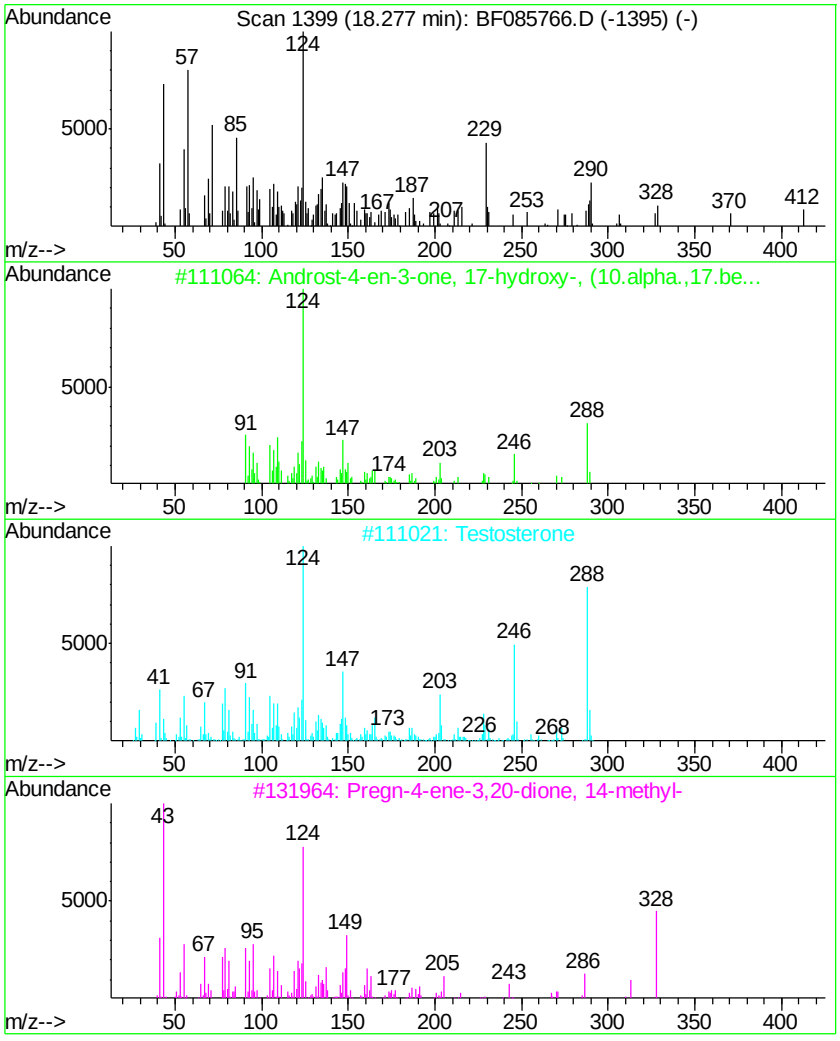
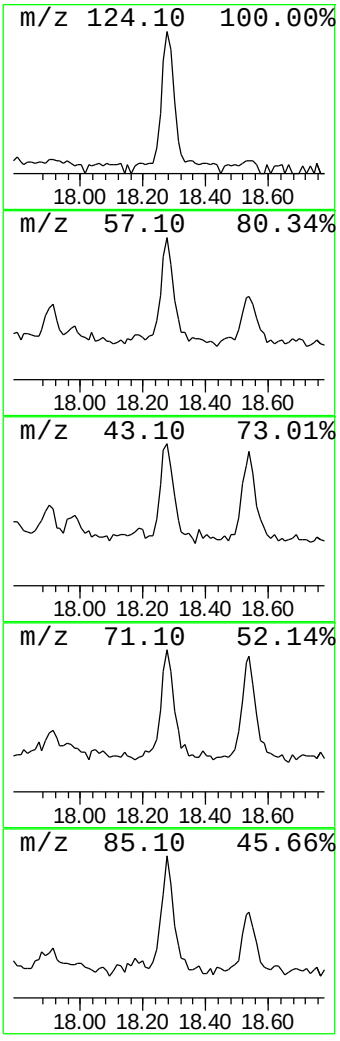
Peak Number 19 unknown18.28 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	4.69 ng	258386	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	40
2	Testosterone	288	C19H28O2	000058-22-0	38
3	Pregn-4-ene-3,20-dione, 14-methyl-	328	C22H32O2	055162-96-4	22
4	Benzoylecgonine	289	C16H19NO4	000519-09-5	22
5	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	22





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

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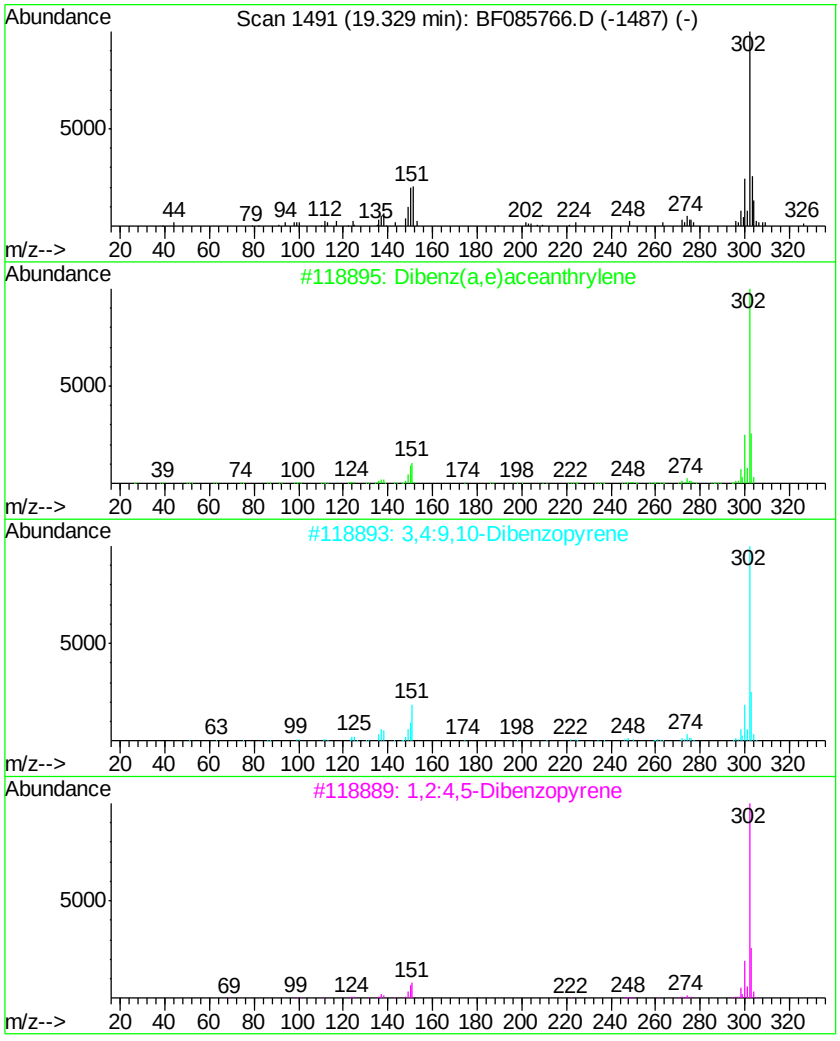
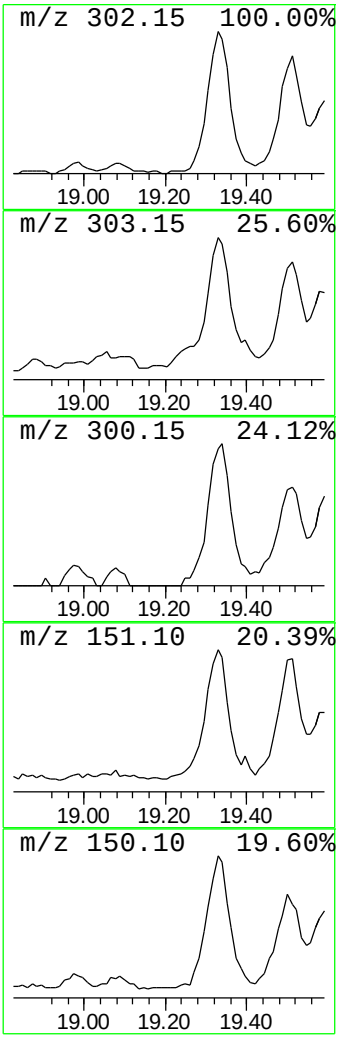
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	4.50 ng	247603	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	94
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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ClientSampleId : SB-1

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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
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Hexadecane	10.30	4.2	ng	172893	3	9.86	833232	20.0
Phenanthrene, 2-m...	11.88	3.7	ng	399728	4	11.35	2151200	20.0
4H-Cyclopenta[def...	11.96	6.1	ng	658063	4	11.35	2151200	20.0
Pyrene, 2-methyl-	13.11	4.9	ng	644170	5	13.98	2620100	20.0
11H-Benzo[a]fluor...	13.83	5.2	ng	674099	5	13.98	2620100	20.0
Oxirane, hexadecyl-	14.88	4.8	ng	262779	6	15.41	1101190	20.0
Dinaphtho[1,2-b:1...	15.20	4.1	ng	226920	6	15.41	1101190	20.0
(1H)Phenanthro[9,...	15.61	4.6	ng	251280	6	15.41	1101190	20.0
Heneicosane	15.83	10.6	ng	584815	6	15.41	1101190	20.0
unknown16.07	16.07	4.1	ng	226474	6	15.41	1101190	20.0
unknown16.46	16.46	4.4	ng	240345	6	15.41	1101190	20.0
Nonadecane	16.86	5.0	ng	276365	6	15.41	1101190	20.0
Dibenzo[def,mno]c...	17.43	5.0	ng	273258	6	15.41	1101190	20.0
unknown18.28	18.28	4.7	ng	258386	6	15.41	1101190	20.0
Dibenz(a,e)aceant...	19.33	4.5	ng	247603	6	15.41	1101190	20.0