

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085771.D
 Acq On : 25 Mar 2016 19:48
 Operator : UM/SJ
 Sample : H1855-07 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	284	rVB	74020	84416	4.12%	0.413%
2	6.459	363	365	374	rVB	86494	112368	5.48%	0.550%
3	6.584	374	376	379	rBV	76846	109524	5.34%	0.536%
4	6.824	394	397	399	rBV	815922	752351	36.69%	3.682%
5	6.973	409	410	413	rBV2	56619	71631	3.49%	0.351%
6	7.385	445	446	453	rBV2	38427	50361	2.46%	0.246%
7	7.499	453	456	462	rVB	27263	46662	2.28%	0.228%
8	8.105	507	509	512	rBV	861622	984072	47.99%	4.816%
9	9.179	601	603	606	rBV2	88781	108336	5.28%	0.530%
10	9.579	636	638	641	rBV	377966	322655	15.74%	1.579%
11	9.728	649	651	653	rBV	35529	40696	1.98%	0.199%
12	9.796	655	657	659	rVV	83565	66020	3.22%	0.323%
13	9.865	660	663	665	rVV	1123264	1062364	51.81%	5.199%
14	10.070	679	681	683	rVV2	16289	30757	1.50%	0.151%
15	10.299	697	701	702	rBV	67678	107976	5.27%	0.528%
16	10.413	709	711	713	rVB	33517	45864	2.24%	0.224%
17	10.516	717	720	723	rVV2	39566	62074	3.03%	0.304%
18	10.653	729	732	734	rBV2	55887	82235	4.01%	0.402%
19	10.768	740	742	746	rBV2	115299	139787	6.82%	0.684%
20	10.962	755	759	760	rBV3	24169	41780	2.04%	0.204%
21	11.213	778	781	782	rBV	68626	66298	3.23%	0.324%
22	11.236	782	783	787	rVB	39794	54037	2.64%	0.264%
23	11.339	790	792	794	rBV	675748	1196708	58.36%	5.857%
24	11.419	797	799	801	rVB	139700	120691	5.89%	0.591%
25	11.579	809	813	817	rBV	88049	121130	5.91%	0.593%
26	11.636	817	818	820	rVB	46245	41433	2.02%	0.203%
27	11.842	834	836	837	rBV	102216	96562	4.71%	0.473%
28	11.876	837	839	841	rVV	173548	163083	7.95%	0.798%
29	11.922	841	843	844	rVV2	30180	36664	1.79%	0.179%
30	11.956	844	846	850	rVB2	217220	274303	13.38%	1.342%
31	12.048	851	854	855	rBV	27992	38119	1.86%	0.187%
32	12.139	860	862	863	rVV	87772	79540	3.88%	0.389%
33	12.162	863	864	867	rVB	102034	119019	5.80%	0.582%
34	12.288	872	875	876	rBV2	31359	35167	1.72%	0.172%

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35	12.391	882	884	886 rBV	78128	105824	5.16%	0.518%
36	12.425	886	887	890 rVB	45812	71527	3.49%	0.350%
37	12.482	890	892	896 rVB2	70461	80331	3.92%	0.393%
38	12.562	896	899	901 rBV	1027624	1391624	67.87%	6.811%
39	12.619	901	904	905 rBV2	28107	40481	1.97%	0.198%
40	12.699	908	911	915 rVB3	37718	88048	4.29%	0.431%
41	12.779	915	918	921 rBV	1023695	1381855	67.39%	6.763%
42	12.836	921	923	925 rVB	53605	69217	3.38%	0.339%
43	12.928	925	931	934 rVB3	91128	218261	10.64%	1.068%
44	12.996	934	937	939 rBV2	86071	146724	7.16%	0.718%
45	13.111	943	947	949 rVB	192480	269860	13.16%	1.321%
46	13.179	949	953	954 rBV2	124295	183110	8.93%	0.896%
47	13.214	954	956	957 rBV	128751	133681	6.52%	0.654%
48	13.305	962	964	965 rBV	61543	43887	2.14%	0.215%
49	13.339	965	967	969 rVB2	57381	53856	2.63%	0.264%
50	13.499	978	981	983 rBV4	42698	79824	3.89%	0.391%
51	13.614	988	991	994 rBV2	87073	149113	7.27%	0.730%
52	13.728	998	1001	1002 rBV	131555	153684	7.50%	0.752%
53	13.751	1002	1003	1004 rBV	51286	47629	2.32%	0.233%
54	13.774	1004	1005	1008 rVB2	41740	71412	3.48%	0.349%
55	13.831	1008	1010	1012 rVB	126877	144474	7.05%	0.707%
56	13.899	1014	1016	1019 rVB	30225	39273	1.92%	0.192%
57	13.979	1019	1023	1029 rBV3	1021489	2050467	100.00%	10.035%
58	14.082	1029	1032	1033 rBV	116273	127660	6.23%	0.625%
59	14.139	1033	1037	1039 rBV3	28918	61880	3.02%	0.303%
60	14.208	1041	1043	1044 rVB2	49591	56845	2.77%	0.278%
61	14.242	1044	1046	1049 rVB4	21741	43386	2.12%	0.212%
62	14.368	1054	1057	1058 rVB	79959	104737	5.11%	0.513%
63	14.402	1058	1060	1062 rVB3	54257	70732	3.45%	0.346%
64	14.448	1062	1064	1066 rBV3	61135	114362	5.58%	0.560%
65	14.505	1066	1069	1071 rVB4	62259	131989	6.44%	0.646%
66	14.562	1071	1074	1077 rVB3	63750	96986	4.73%	0.475%
67	14.688	1081	1085	1088 rBV3	56996	180465	8.80%	0.883%
68	14.745	1088	1090	1091 rBV	42756	44154	2.15%	0.216%
69	14.848	1097	1099	1100 rBV2	25944	33852	1.65%	0.166%
70	14.882	1100	1102	1104 rBV	129222	140412	6.85%	0.687%
71	14.997	1109	1112	1116 rBV	548712	982817	47.93%	4.810%

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72	15.065	1116	1118	1119	rVV	66545	81000	3.95%	0.396%
73	15.100	1119	1121	1124	rVV	111522	162488	7.92%	0.795%
74	15.202	1126	1130	1131	rBV2	17347	33521	1.63%	0.164%
75	15.237	1131	1133	1134	rBV	47078	63916	3.12%	0.313%
76	15.282	1134	1137	1140	rVB	295664	381539	18.61%	1.867%
77	15.340	1140	1142	1144	rBV	404031	480816	23.45%	2.353%
78	15.397	1144	1147	1153	rVB2	453584	831957	40.57%	4.072%
79	15.602	1163	1165	1169	rVB	49923	87764	4.28%	0.430%
80	15.820	1181	1184	1186	rBV2	71931	126619	6.18%	0.620%
81	15.900	1189	1191	1192	rBV2	22071	34187	1.67%	0.167%
82	15.923	1192	1193	1196	rVV2	29985	48751	2.38%	0.239%
83	16.060	1203	1205	1209	rVB3	19099	48879	2.38%	0.239%
84	16.243	1218	1221	1222	rBV2	17073	38653	1.89%	0.189%
85	16.448	1237	1239	1241	rBV3	16482	30288	1.48%	0.148%
86	16.574	1247	1250	1253	rBV3	45468	110366	5.38%	0.540%
87	16.780	1265	1268	1272	rBV2	169452	329443	16.07%	1.612%
88	16.848	1272	1274	1278	rVB2	48695	101449	4.95%	0.496%
89	16.940	1279	1282	1285	rBV2	36115	84370	4.11%	0.413%
90	17.031	1285	1290	1292	rVV4	62774	195023	9.51%	0.954%
91	17.088	1292	1295	1300	rVB	127753	292365	14.26%	1.431%
92	17.203	1300	1305	1312	rBV	132296	339533	16.56%	1.662%
93	17.340	1313	1317	1322	rVB5	44913	113880	5.55%	0.557%
94	17.420	1322	1324	1328	rBV	26793	55814	2.72%	0.273%
95	17.900	1364	1366	1371	rVB3	17370	43282	2.11%	0.212%
96	18.071	1378	1381	1390	rBV3	8455	35919	1.75%	0.176%
97	18.277	1395	1399	1407	rBV6	33390	122001	5.95%	0.597%
98	19.203	1475	1480	1484	rBV7	9682	37118	1.81%	0.182%
99	19.317	1486	1490	1499	rVB2	26725	108765	5.30%	0.532%
100	19.500	1502	1506	1510	rBV	14230	44068	2.15%	0.216%

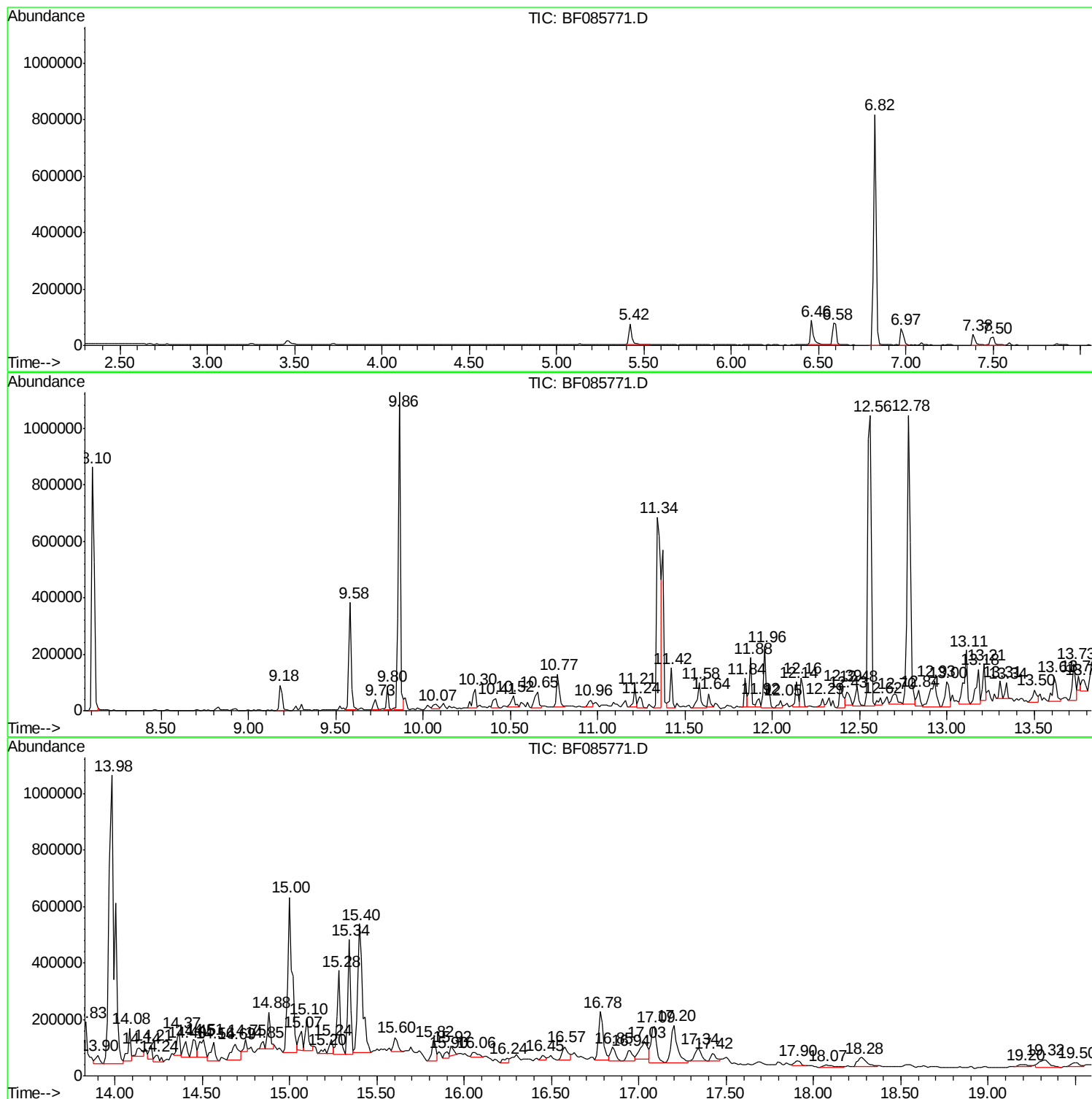
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TIC Library : C:\DATABASE\NIST02.L
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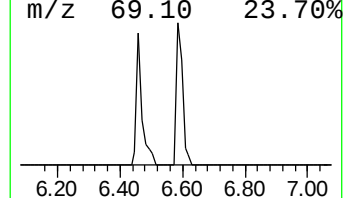
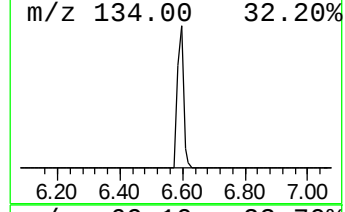
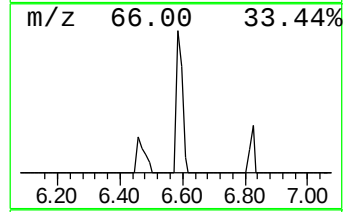
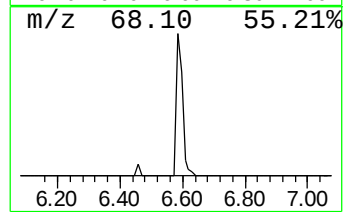
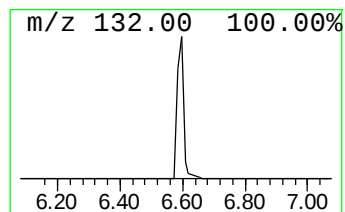
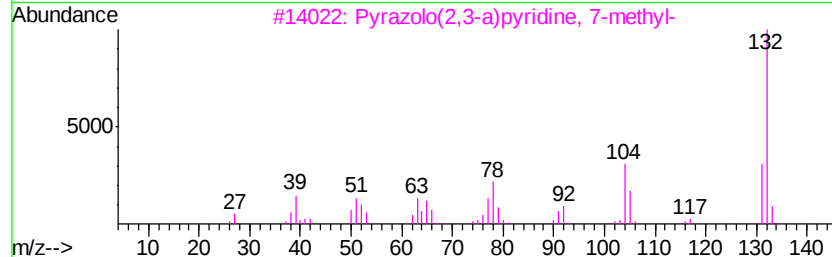
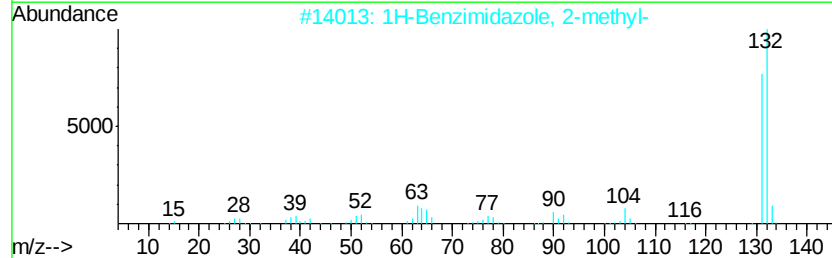
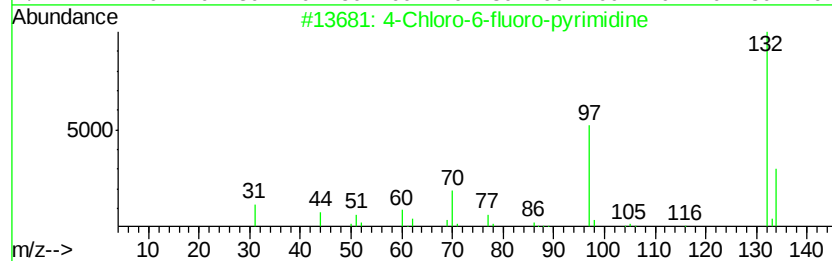
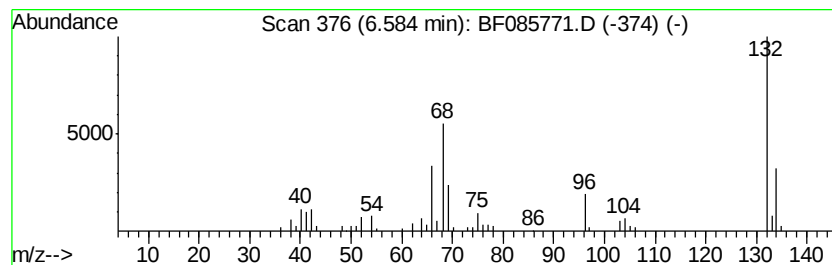
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.91 ng	109524	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		Pvrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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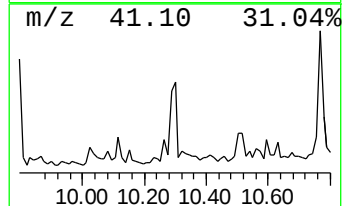
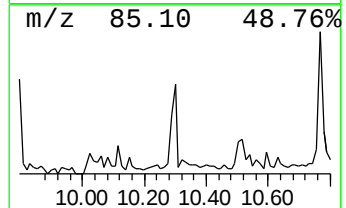
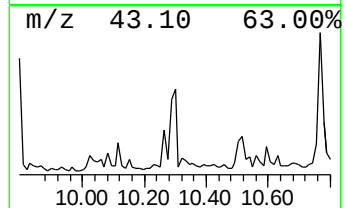
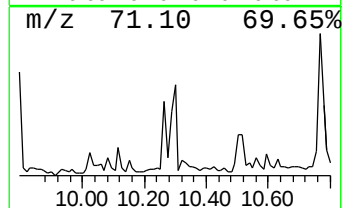
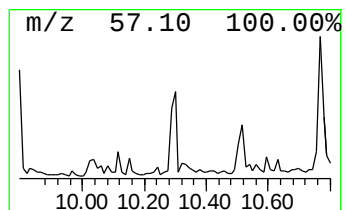
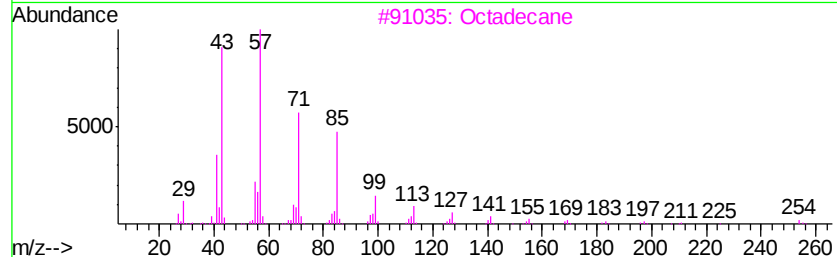
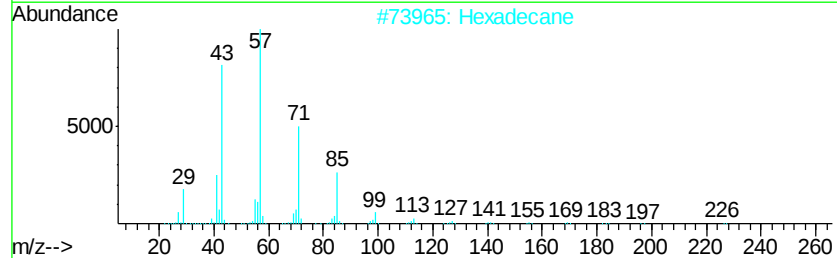
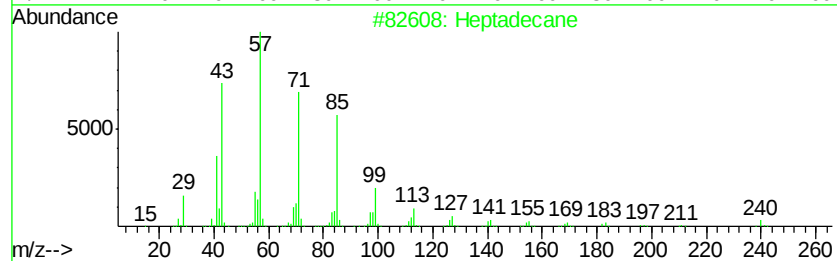
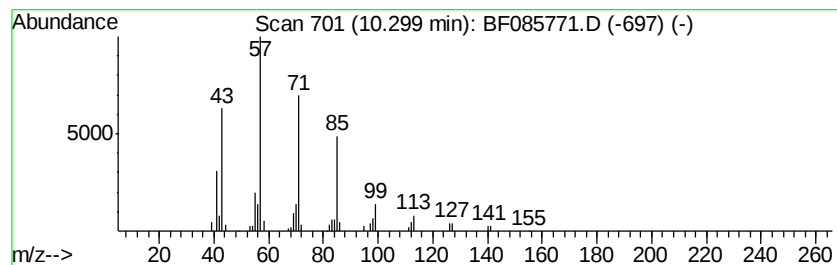
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.03 ng	107976	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Hexadecane	226 C16H34	000544-76-3	90
3	Octadecane	254 C18H38	000593-45-3	90
4	Pentadecane	212 C15H32	000629-62-9	90
5	Eicosane	282 C20H42	000112-95-8	87



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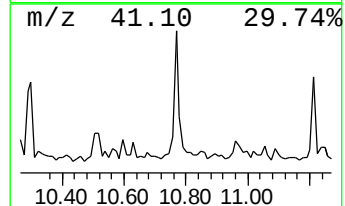
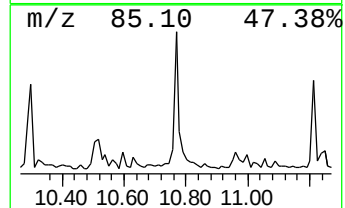
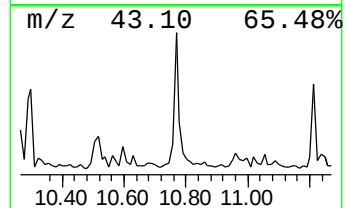
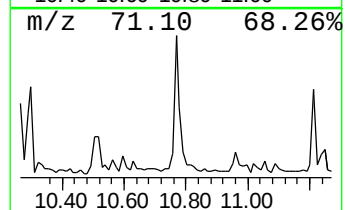
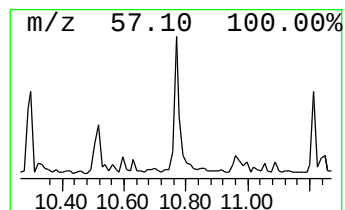
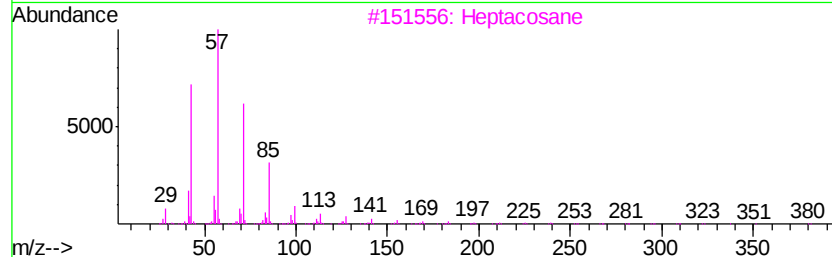
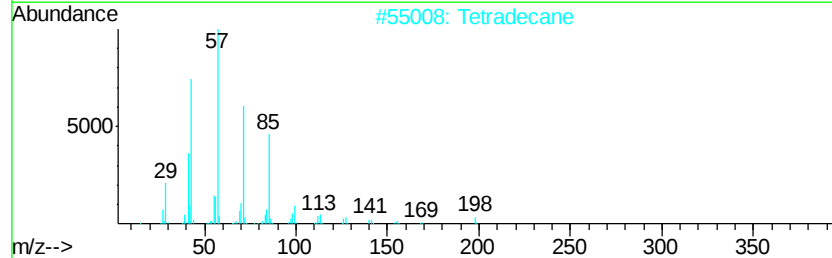
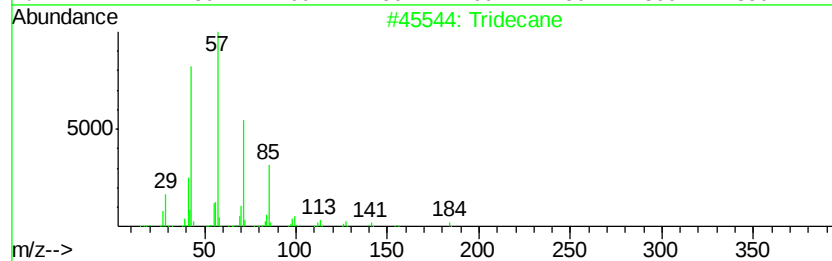
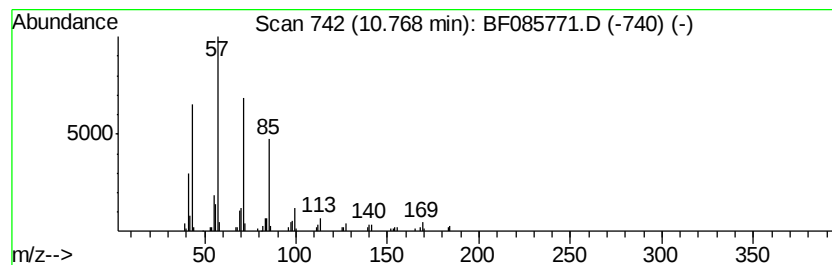
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Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.77	2.34 ng	139787	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Dodecane	170	C12H26	000112-40-3	87
5	Heptadecane	240	C17H36	000629-78-7	87



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Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

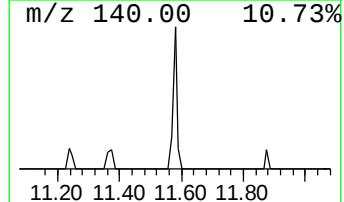
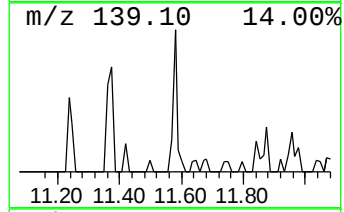
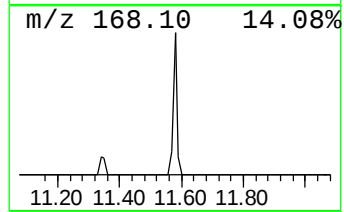
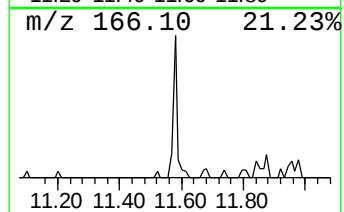
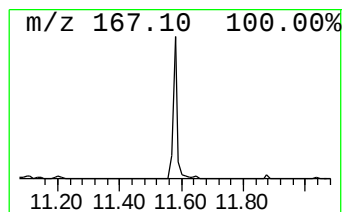
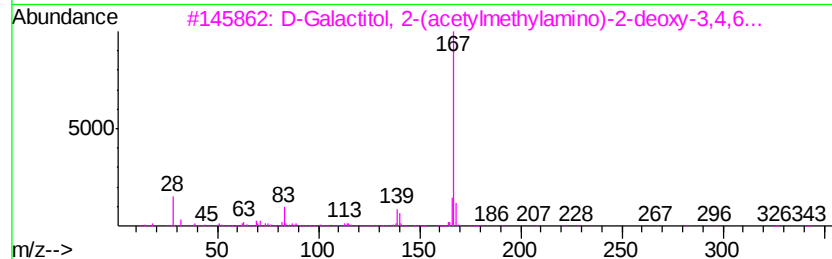
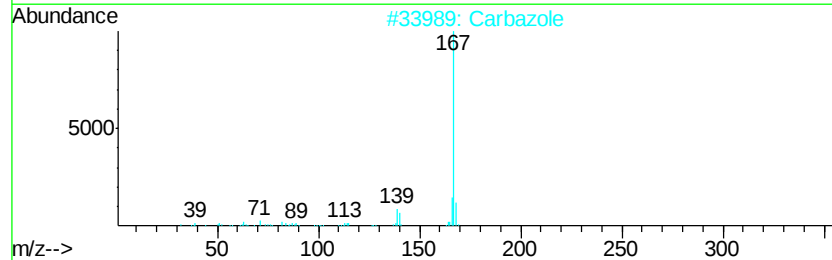
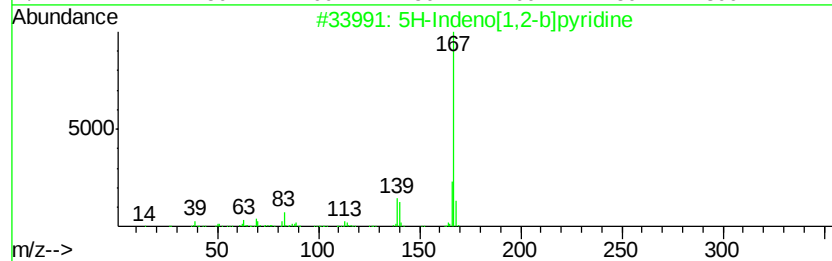
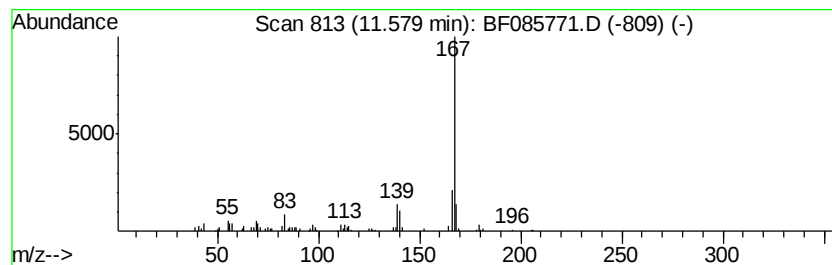
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.02 ng	121130	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2		Carbazole	167	C12H9N	000086-74-8	91
3		D-Galactitol, 2-(acetyl-methylamino)-2-deoxy-3,4,6...	363	C16H29N08	074410-42-7	91
4		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91
5		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085771.D
Acq On : 25 Mar 2016 19:48
Operator : UM/SJ
Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

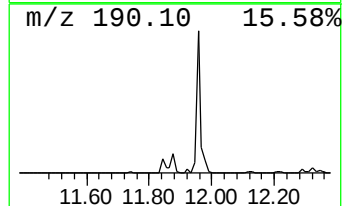
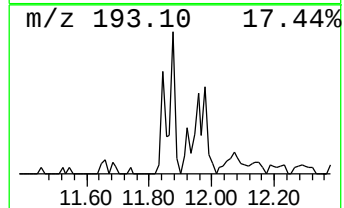
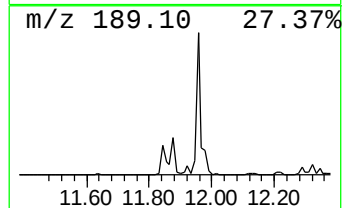
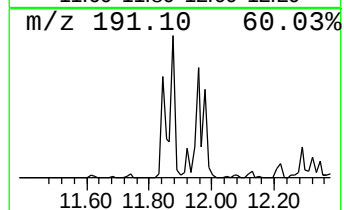
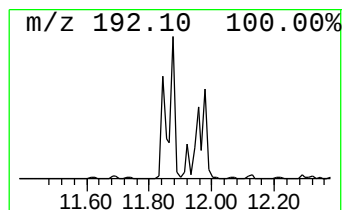
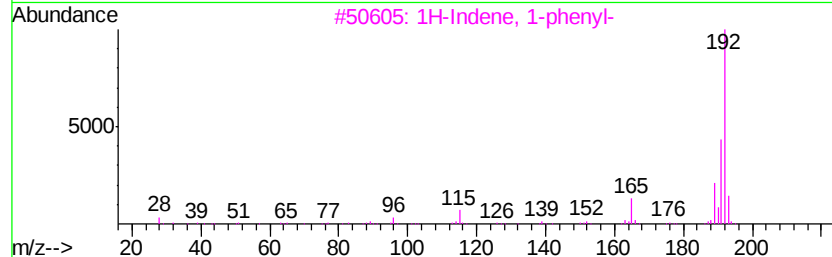
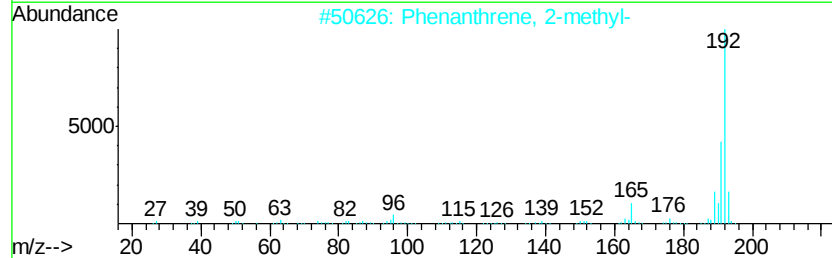
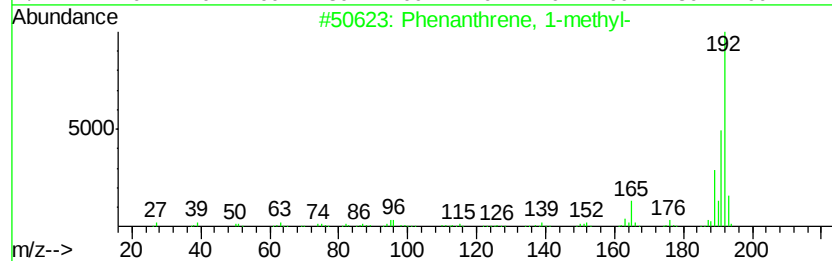
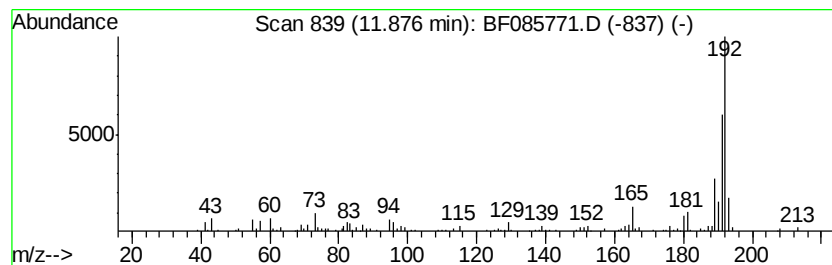
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.88	2.73 ng	163083	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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Sample : H1855-07 2X
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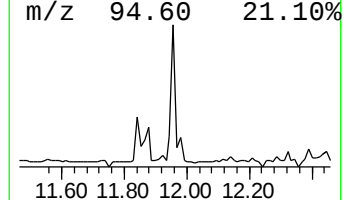
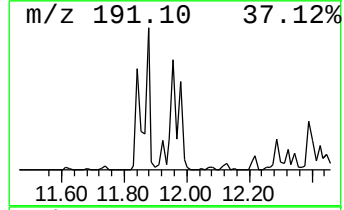
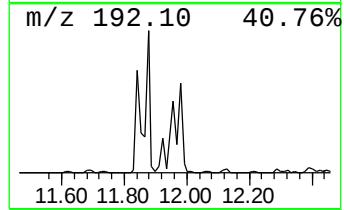
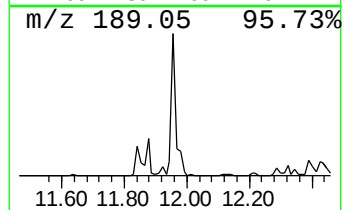
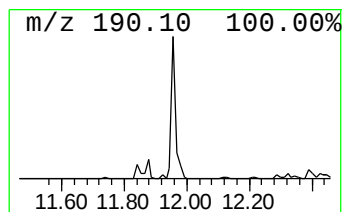
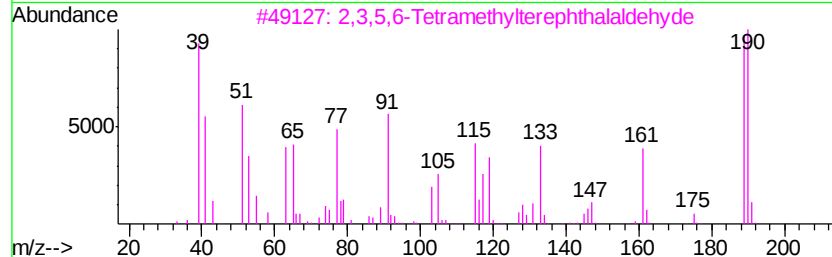
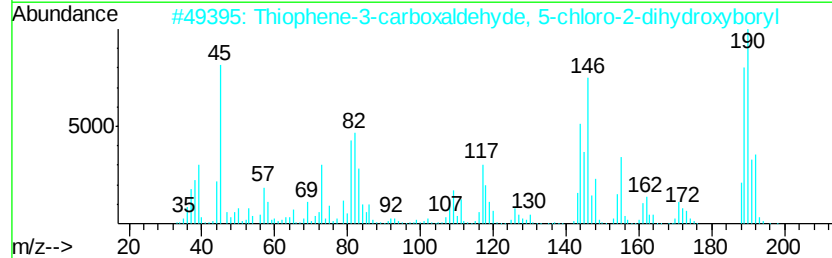
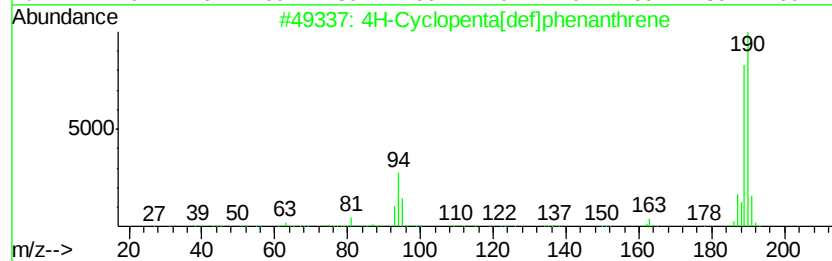
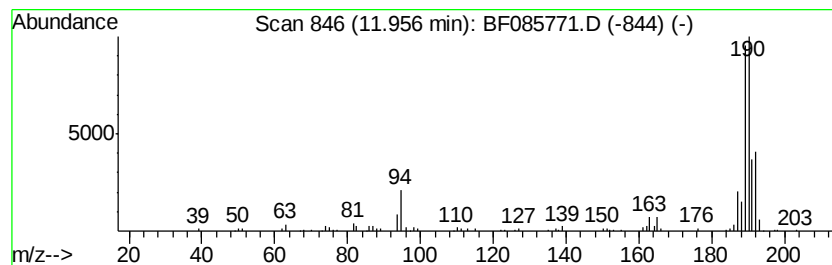
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	4.58 ng	274303	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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Instrument :
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ClientSampleId :
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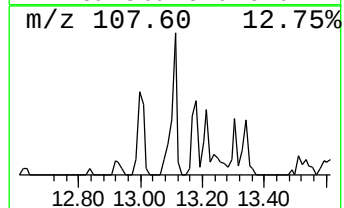
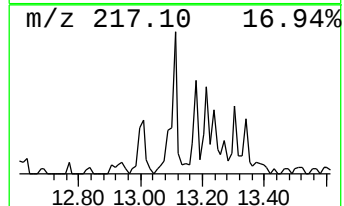
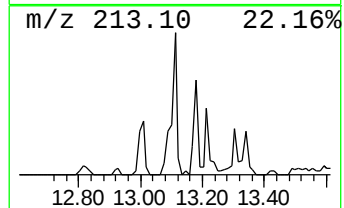
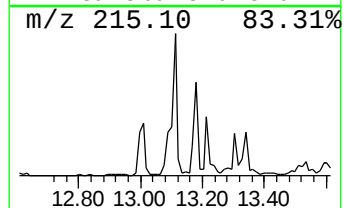
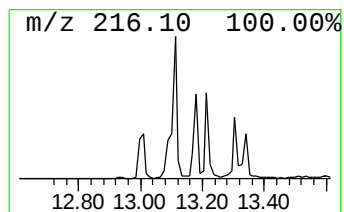
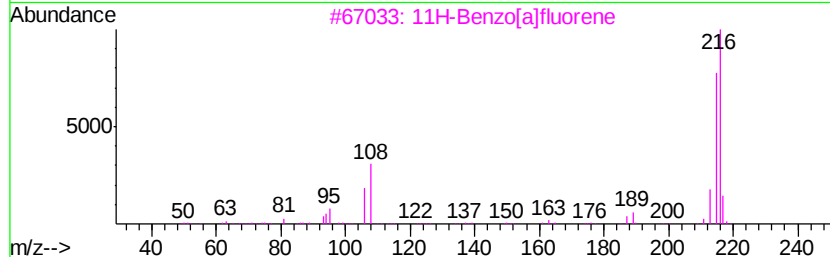
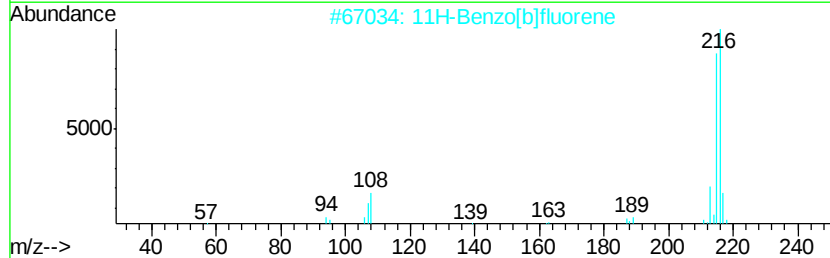
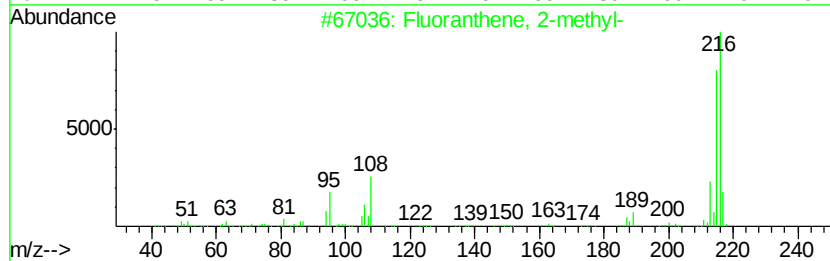
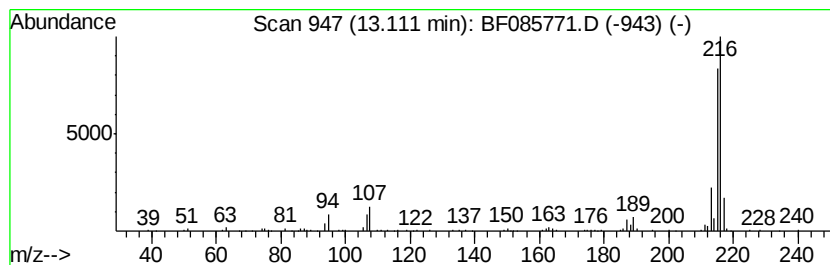
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.63 ng	269860	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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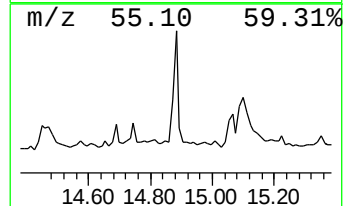
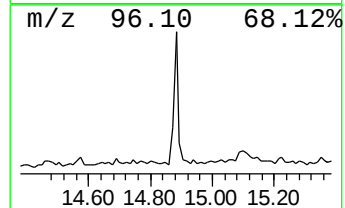
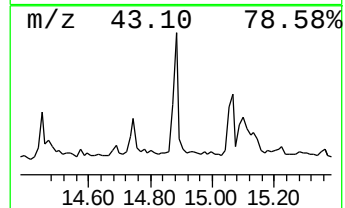
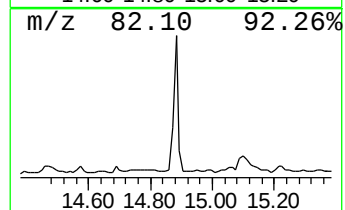
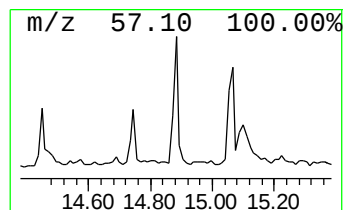
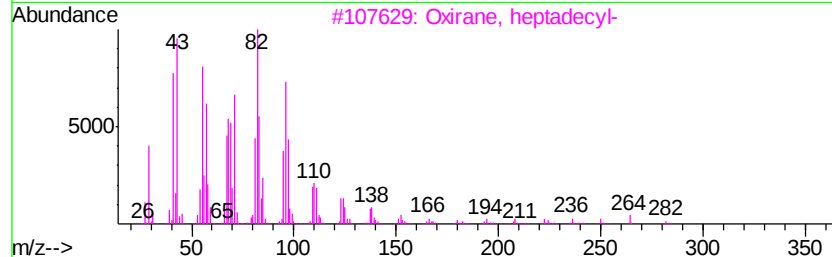
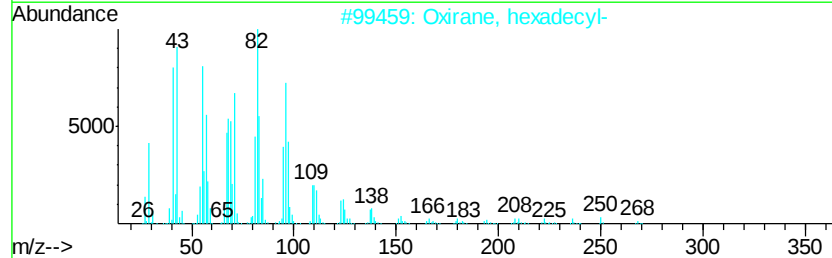
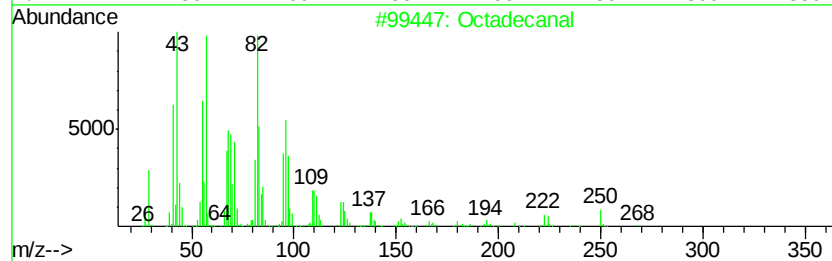
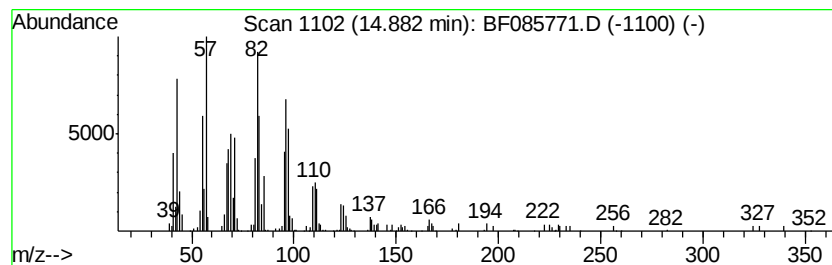
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.38 ng	140412	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	91
4	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	87
5	1,19-Eicosadiene	278 C20H38	014811-95-1	74



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ClientSampleId :
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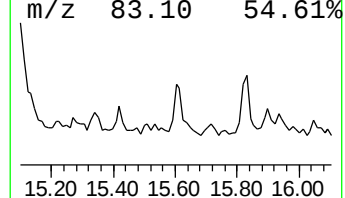
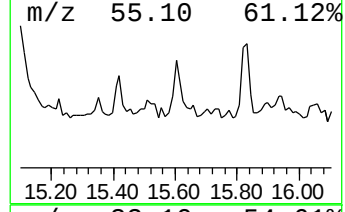
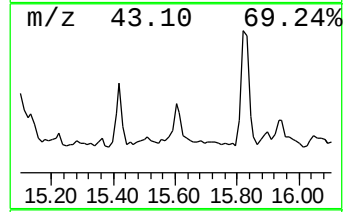
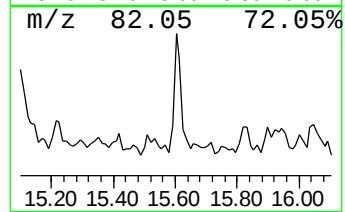
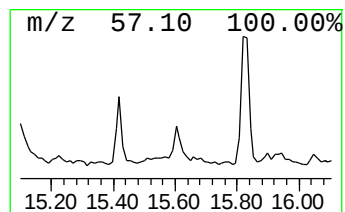
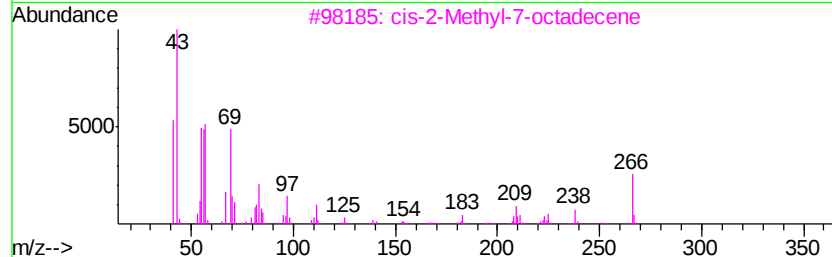
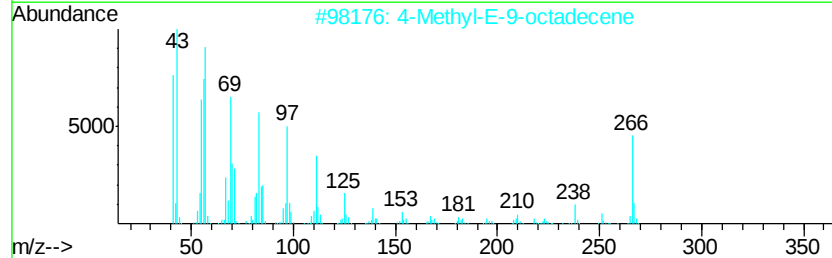
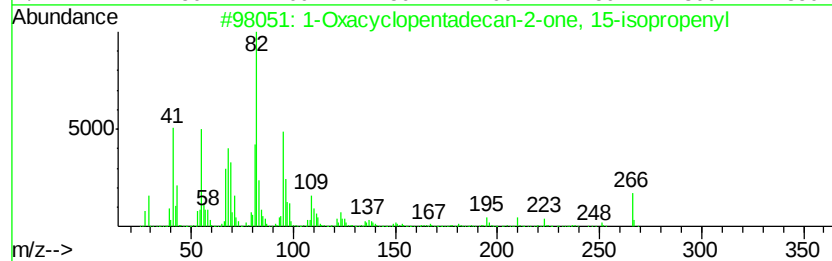
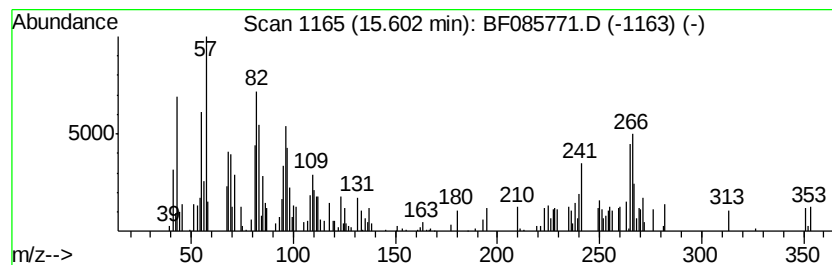
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.60 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.11 ng	87764	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Oxacyclopentadecan-2-one, 15-i...	266	C17H30O2	089328-44-9	41
2		4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	38
3		cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	18
4		Diacetyl lycorine lactam	385	C20H19NO7	006391-78-2	16
5		Z,Z-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-9	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085771.D
Acq On : 25 Mar 2016 19:48
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Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

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ClientSampleId :
SB-5

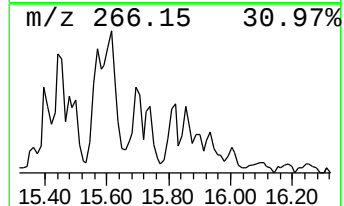
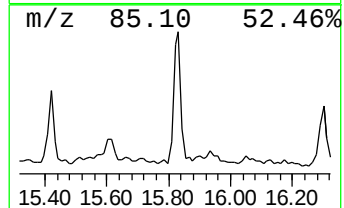
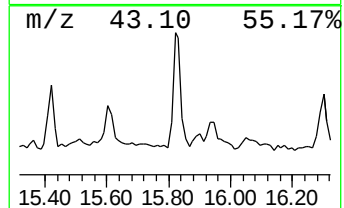
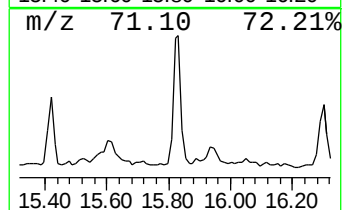
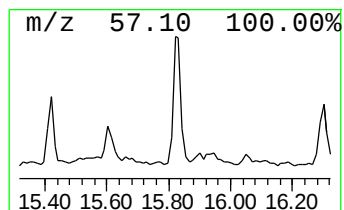
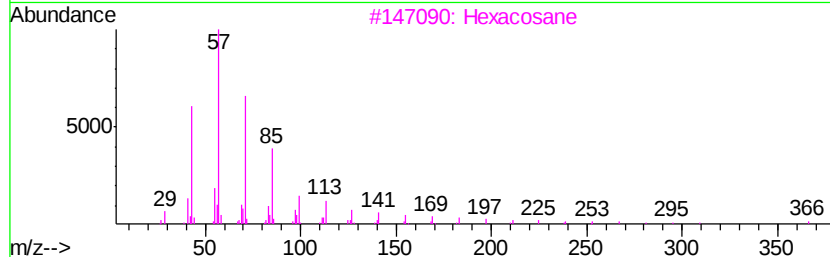
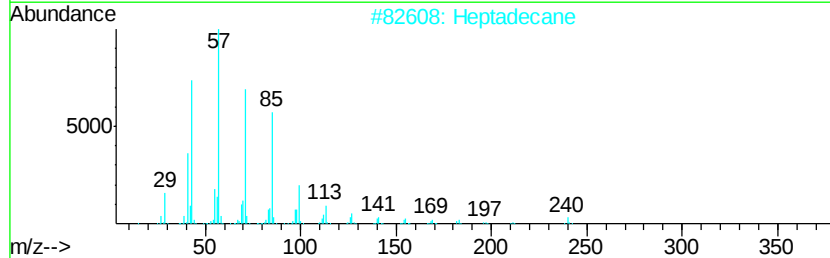
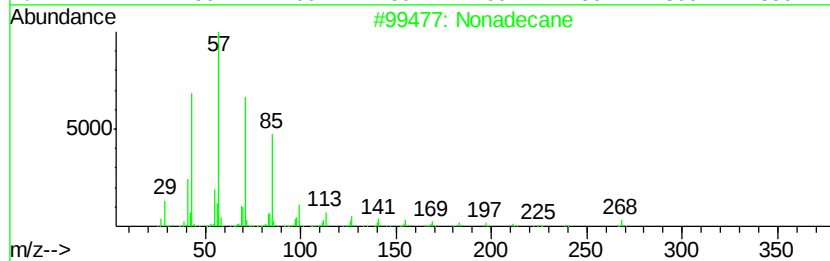
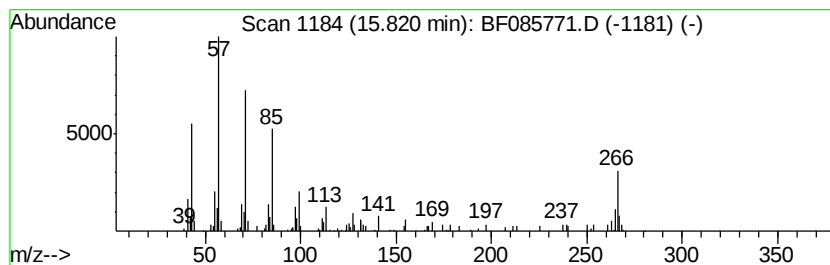
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.04 ng	126619	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Heptadecane	240	C17H36	000629-78-7	93
3		Hexacosane	366	C26H54	000630-01-3	70
4		Octacosane	394	C28H58	000630-02-4	70
5		Triacontane	422	C30H62	000638-68-6	70



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Operator : UM/SJ
Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

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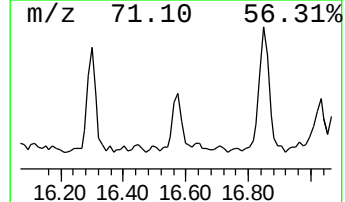
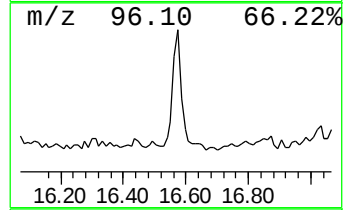
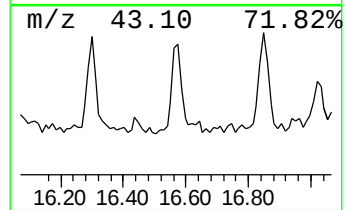
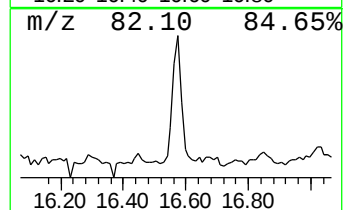
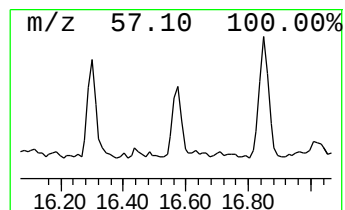
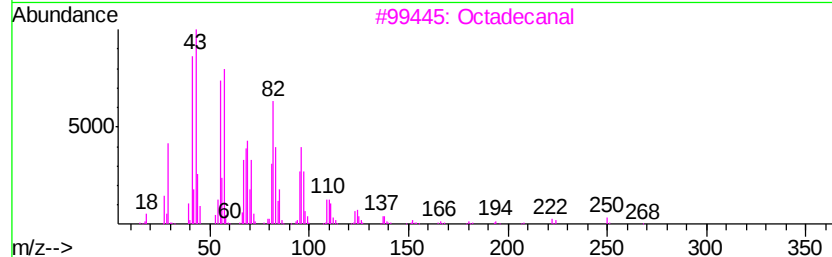
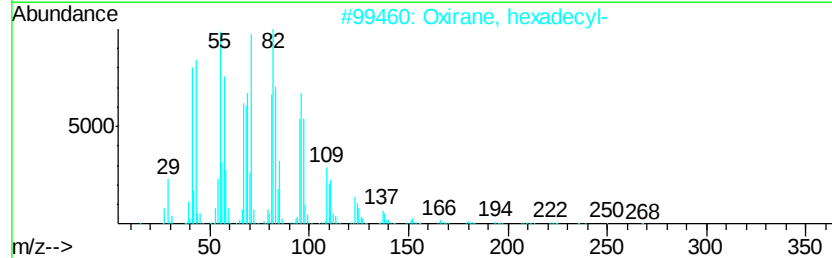
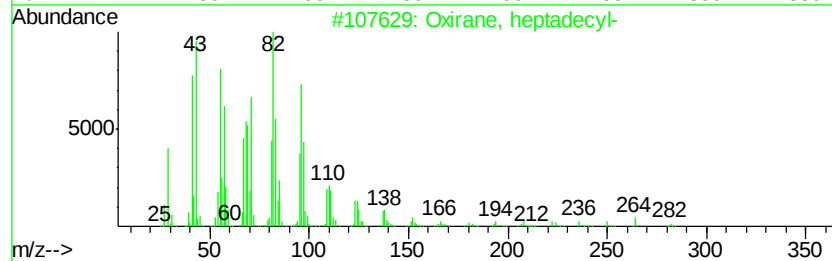
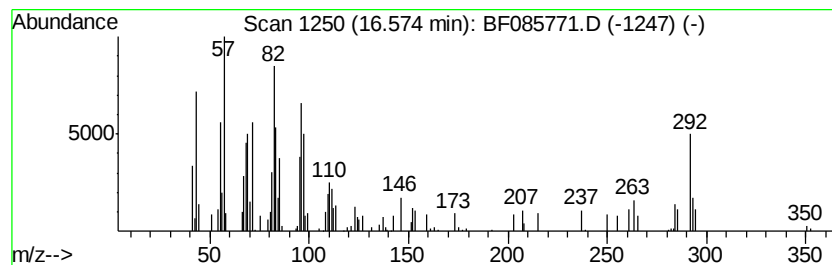
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Oxirane, heptadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.65 ng	110366	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
3		Octadecanal	268	C18H36O	000638-66-4	53
4		1,19-Eicosadiene	278	C20H38	014811-95-1	52
5		16-Octadecenal	266	C18H34O	056554-87-1	49



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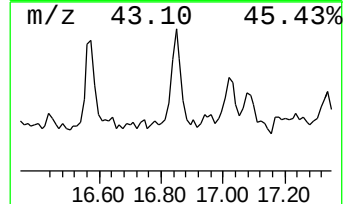
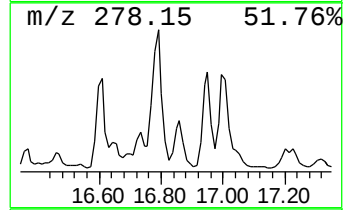
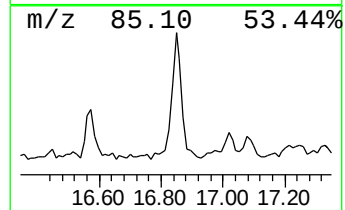
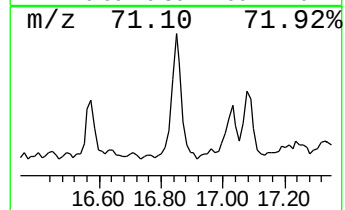
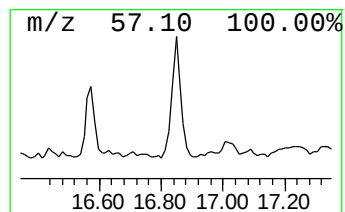
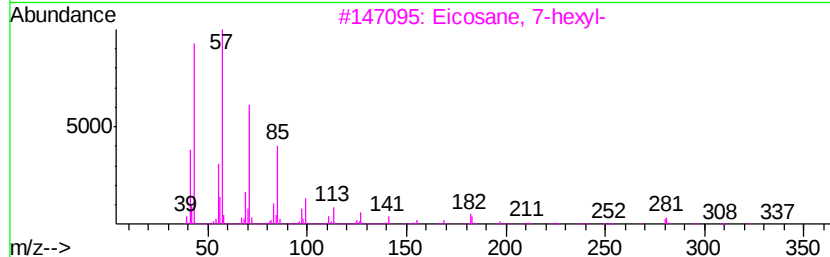
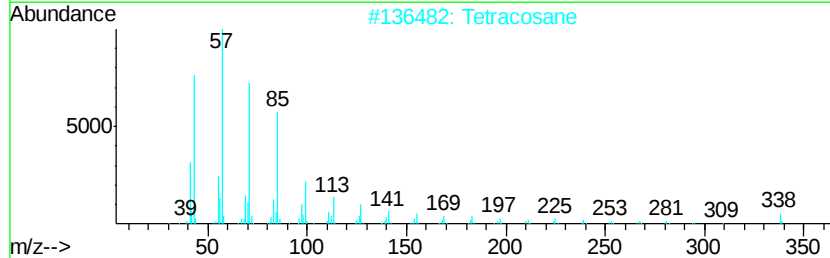
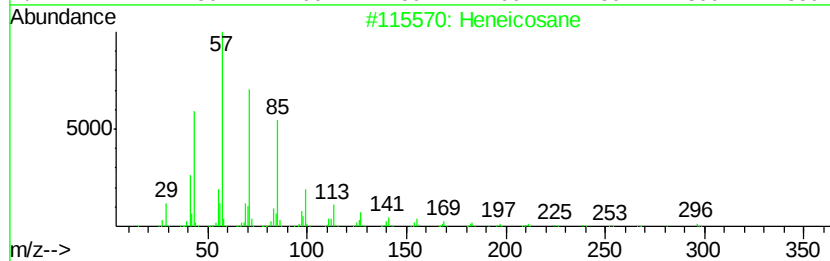
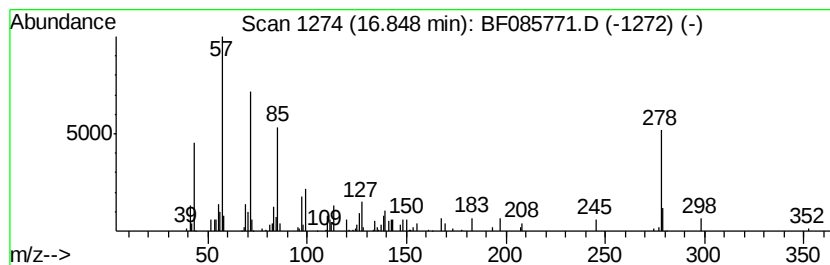
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.44 ng	101449	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	53
2		Tetracosane	338	C24H50	000646-31-1	49
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	49
4		Docosane	310	C22H46	000629-97-0	49
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	46



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ClientSampleId :
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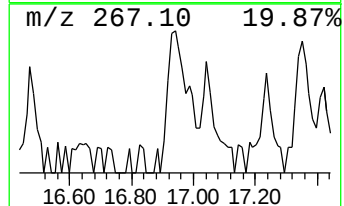
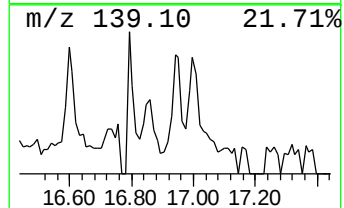
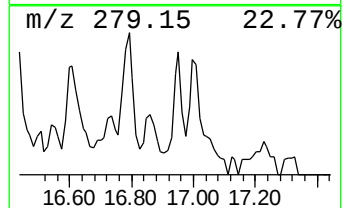
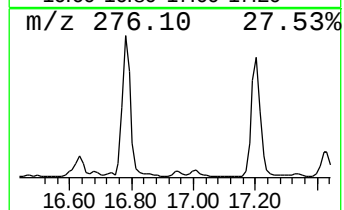
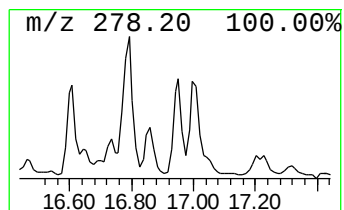
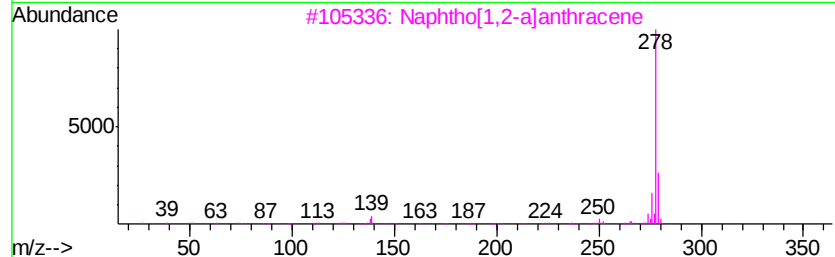
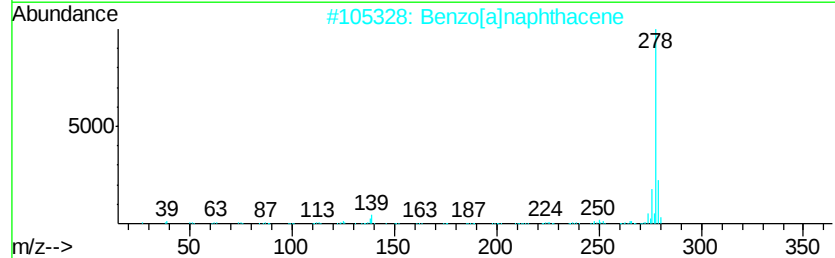
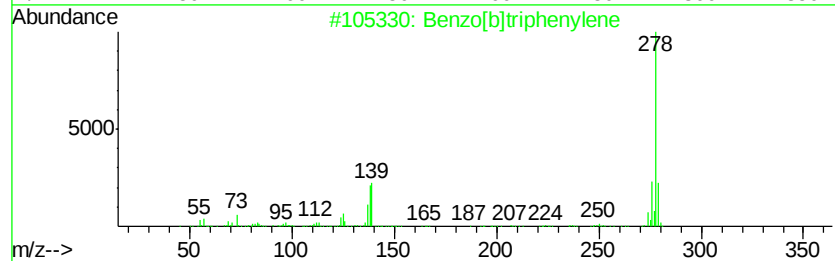
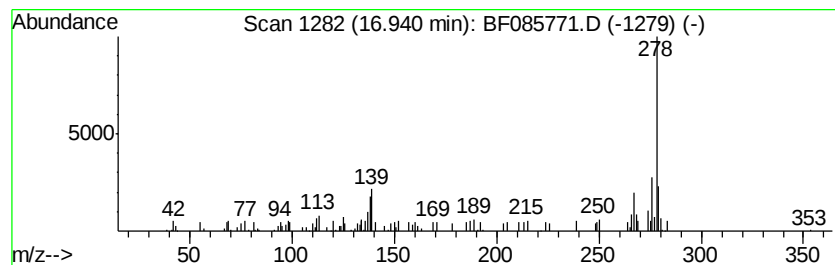
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.03 ng	84370	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	86
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	76
3		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	70
4		Pentacene	278	C22H14	000135-48-8	70
5		Benzo[b]chrysene	278	C22H14	000214-17-5	70



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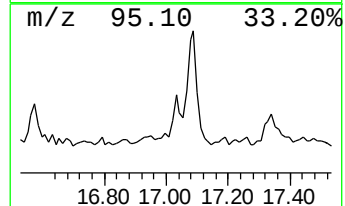
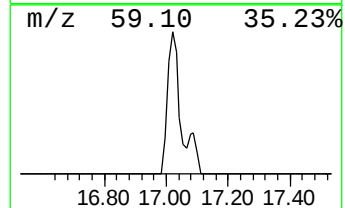
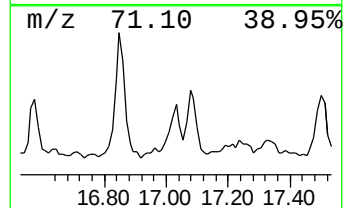
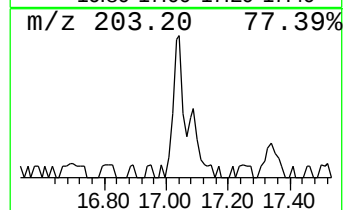
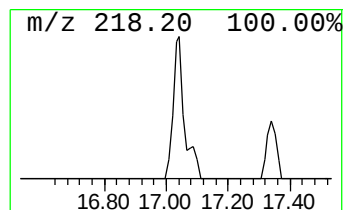
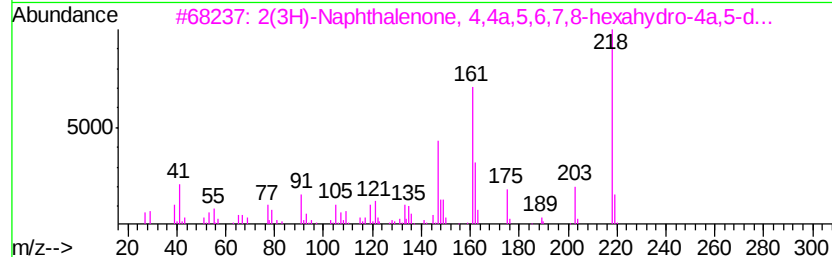
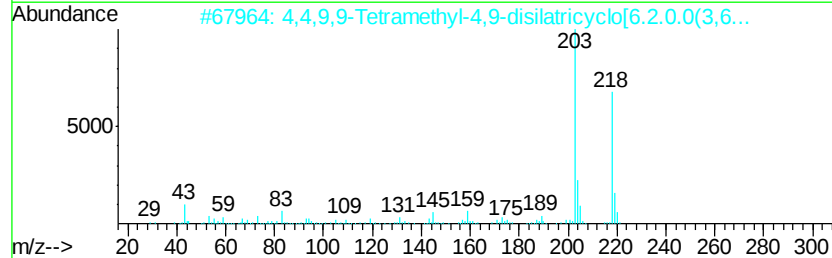
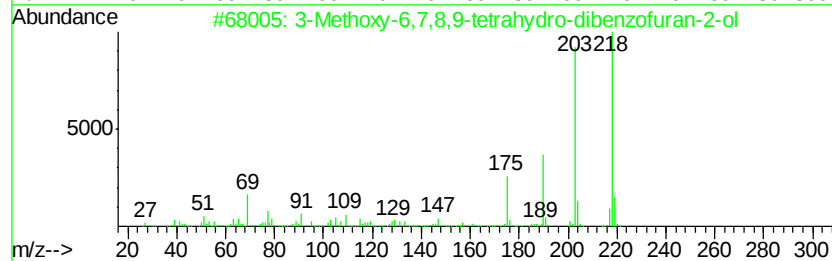
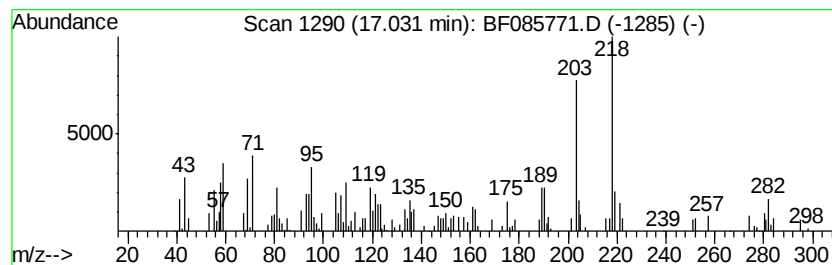
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.03	4.69 ng	195023	Perylene-d12	15.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	50
2		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	49
3		2(3H)-Naphthalenone, 4,4a,5,6,7,...	218	C15H22O	019598-45-9	46
4		Acetic acid, 3-hydroxy-7-isoprop...	278	C17H26O3	1000187-37-6	43
5		4-(p-N,N-dimethylaminophenylimin...	218	C13H18N2O	1000100-07-8	42



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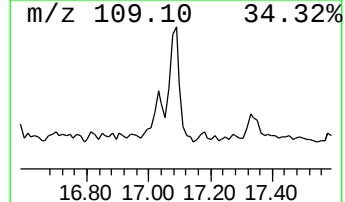
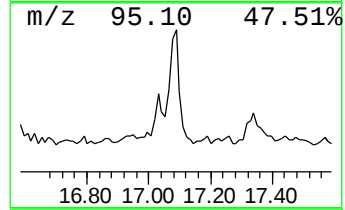
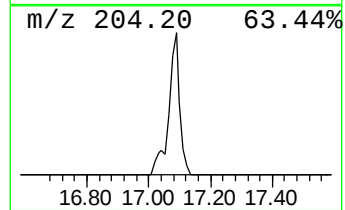
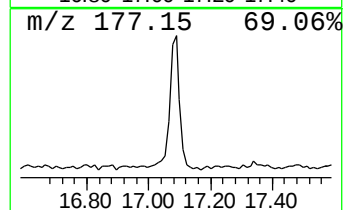
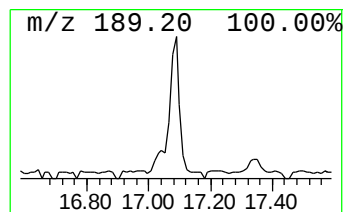
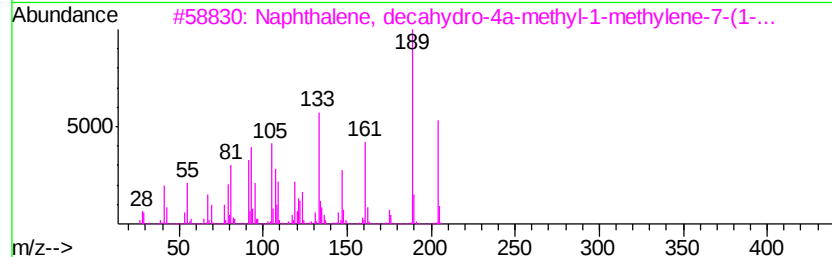
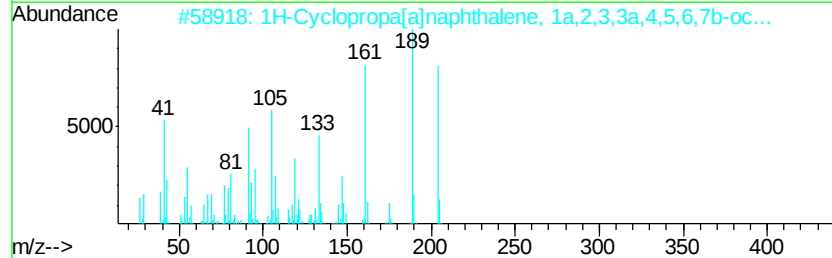
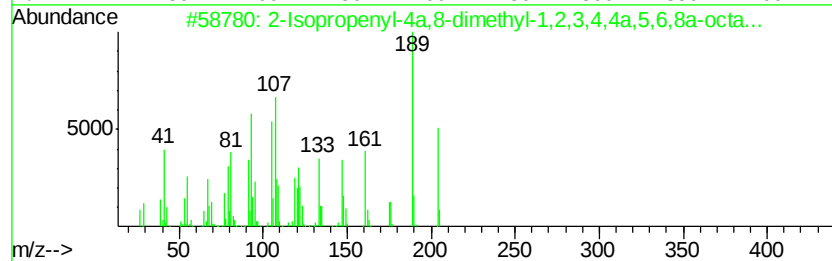
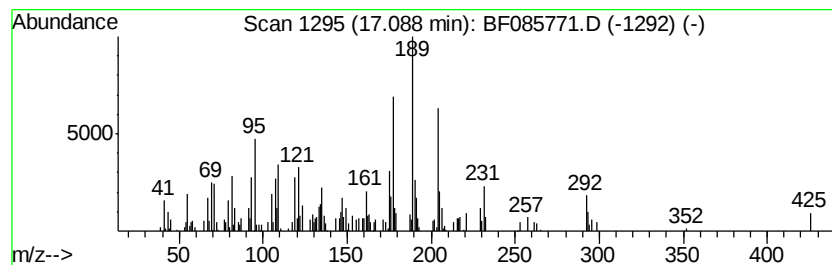
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	7.03 ng	292365	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	52
2		1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	45
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	43
4		2,3-Dimethoxy-5-aminocinnamitrile	204	C11H12N2O2	1000214-46-5	38
5		Ethanone, 1-[4-(trifluoromethoxy...	204	C9H7F3O2	085013-98-5	38



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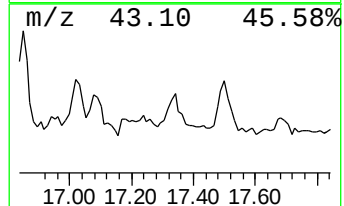
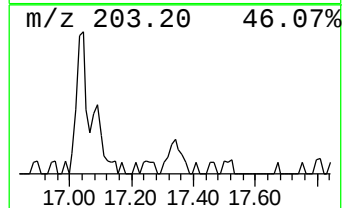
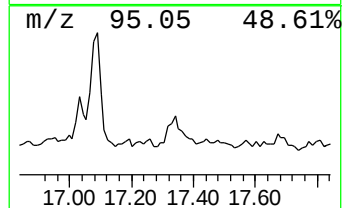
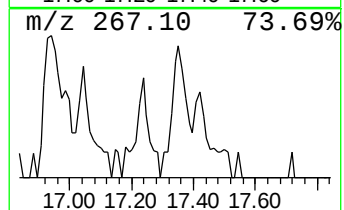
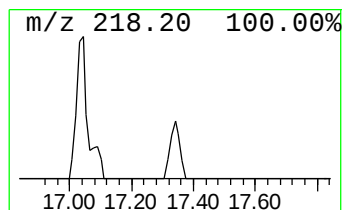
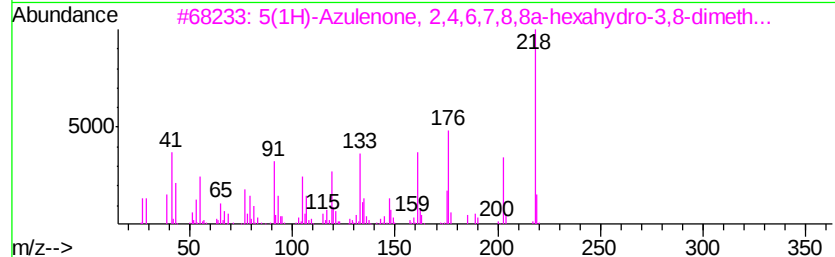
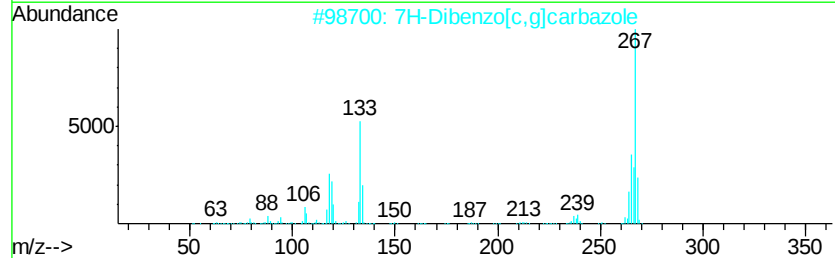
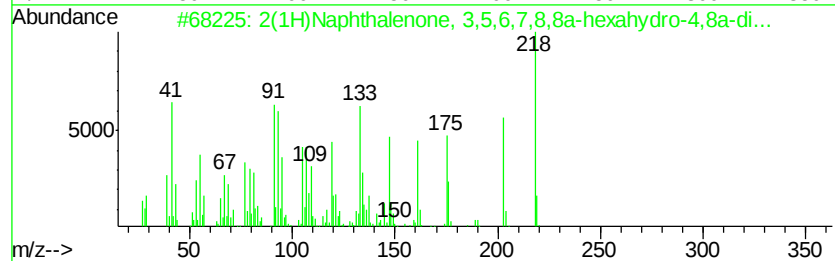
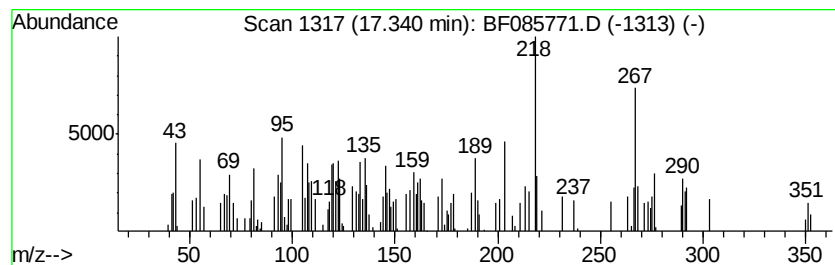
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown17.34 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	2.74 ng	113880	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	20
2		7H-Dibenzo[c,q]carbazole	267	C20H13N	000194-59-2	20
3		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	18
4		6-Chloro-2,3-dimethyl-4-phenylqu...	267	C17H14ClN	022609-11-6	18
5		1,4-Naphthoquinone, 2-ethyl-5,8-...	218	C12H10O4	015012-53-0	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
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ClientSampleId :
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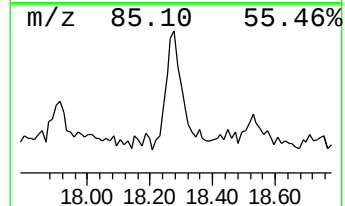
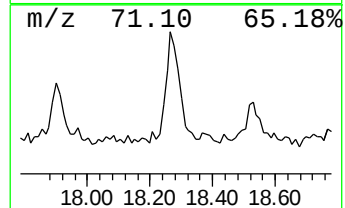
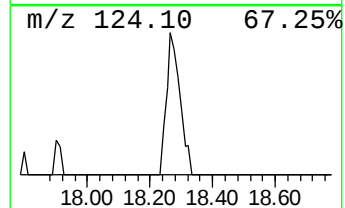
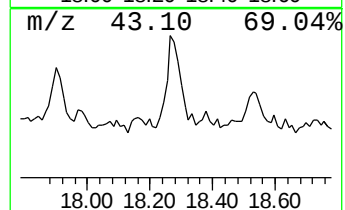
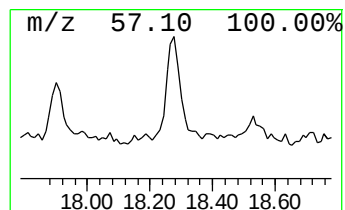
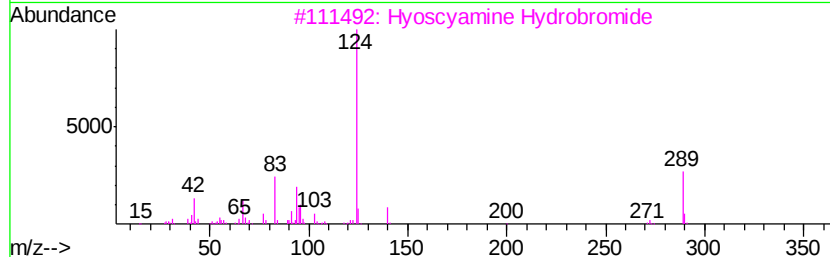
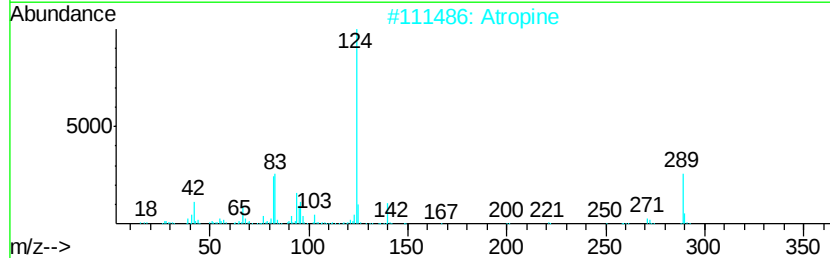
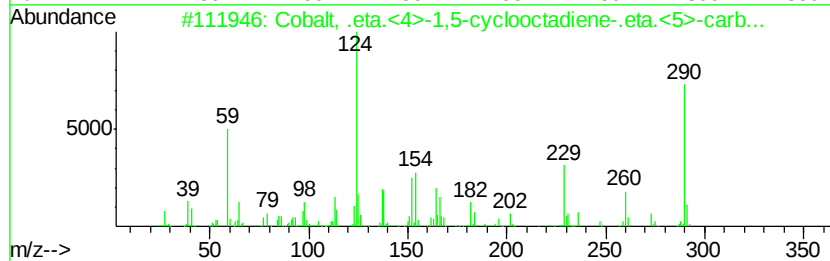
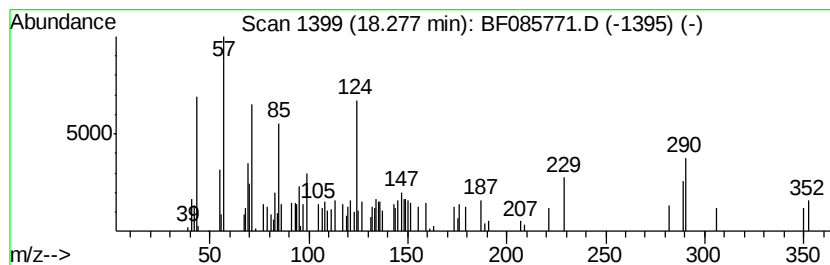
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.28 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.93 ng	122001	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cobalt, .eta.<4>-1,5-cvclooctadi...	290	C15H19CoO2	092468-04-7	27
2		Atropine	289	C17H23NO3	000051-55-8	18
3		Hvoscavamine Hydrobromide	289	C17H23NO3	000306-03-6	18
4		4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	11
5		4,5-Dimethyl-2-pyrimidone	124	C6H8N2O	034939-17-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085771.D
Acq On : 25 Mar 2016 19:48
Operator : UM/SJ
Sample : H1855-07 2X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

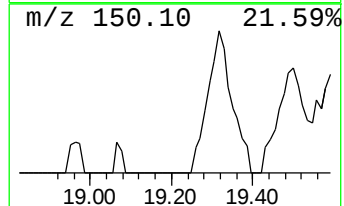
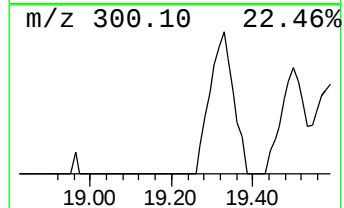
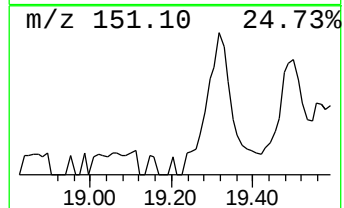
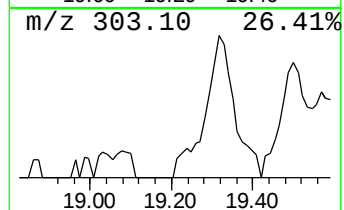
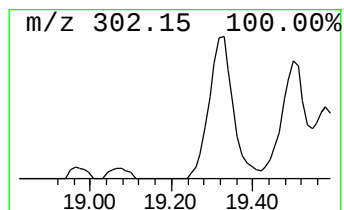
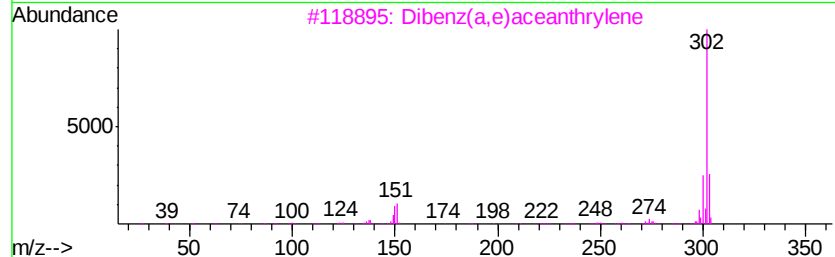
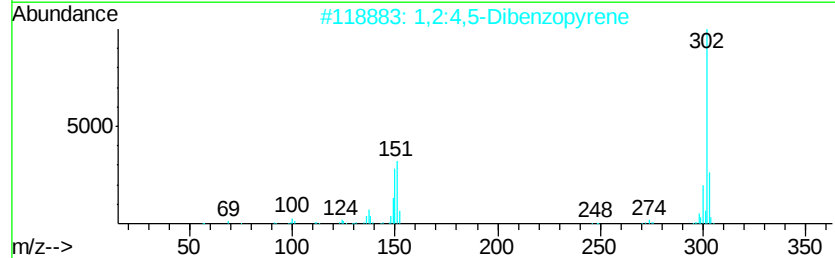
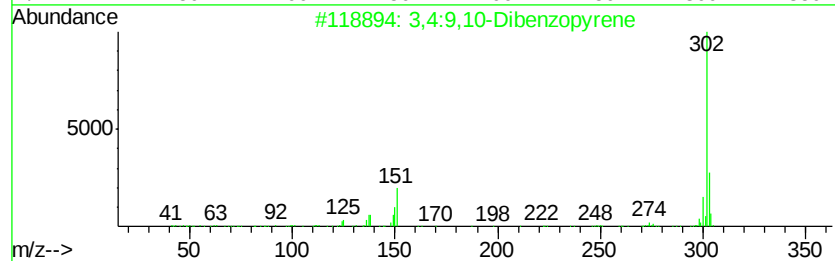
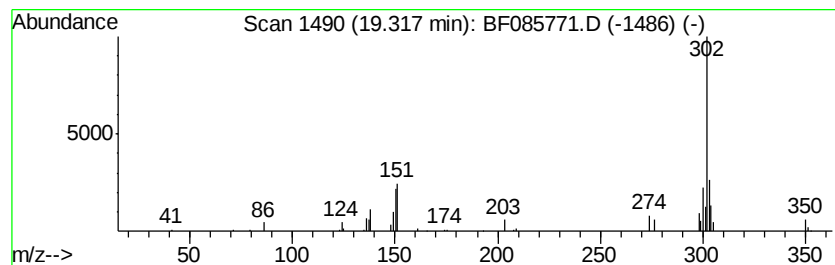
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.61 ng	108765	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	76
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085771.D
 Acq On : 25 Mar 2016 19:48
 Operator : UM/SJ
 Sample : H1855-07 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.58	6.58	2.9	ng	109524	1	6.82	752351	20.0
Heptadecane	10.30	2.0	ng	107976	3	9.86	1062360	20.0
Tridecane	10.77	2.3	ng	139787	4	11.35	1196710	20.0
5H-Indeno[1,2-b]p...	11.58	2.0	ng	121130	4	11.35	1196710	20.0
Phenanthrene, 1-m...	11.88	2.7	ng	163083	4	11.35	1196710	20.0
4H-Cyclopenta[def...	11.96	4.6	ng	274303	4	11.35	1196710	20.0
Fluoranthene, 2-m...	13.11	2.6	ng	269860	5	13.98	2050470	20.0
Octadecanal	14.88	3.4	ng	140412	6	15.40	831957	20.0
unknown15.60	15.60	2.1	ng	87764	6	15.40	831957	20.0
Nonadecane	15.82	3.0	ng	126619	6	15.40	831957	20.0
Oxirane, heptadecyl-	16.57	2.6	ng	110366	6	15.40	831957	20.0
Heneicosane	16.85	2.4	ng	101449	6	15.40	831957	20.0
Benzo[b]triphenylene	16.94	2.0	ng	84370	6	15.40	831957	20.0
3-Methoxy-6,7,8,9...	17.03	4.7	ng	195023	6	15.40	831957	20.0
2-Isopropenyl-4a,...	17.09	7.0	ng	292365	6	15.40	831957	20.0
unknown17.34	17.34	2.7	ng	113880	6	15.40	831957	20.0
unknown18.28	18.28	2.9	ng	122001	6	15.40	831957	20.0
3,4:9,10-Dibenzop...	19.32	2.6	ng	108765	6	15.40	831957	20.0