

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091686.D
 Acq On : 16 Dec 2016 21:27
 Operator : UM/SJ
 Sample : H6110-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP7

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-BF120916.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	3.641	133	136	141	rVB	35330	66072	1.37%	0.073%
2	4.933	246	249	252	rBV	1306703	1940781	40.17%	2.145%
3	5.379	285	288	290	rBV	3299110	4596557	95.14%	5.080%
4	6.419	376	379	381	rBV	3233840	4285991	88.71%	4.737%
5	6.544	387	390	392	rBV	3428090	3588821	74.28%	3.966%
6	6.773	407	410	412	rBV	1563237	1325521	27.44%	1.465%
7	6.853	414	417	419	rBV2	53186	58426	1.21%	0.065%
8	6.933	421	424	426	rBV	2261067	2823822	58.45%	3.121%
9	7.036	431	433	437	rVB	42886	59139	1.22%	0.065%
10	7.184	443	446	451	rBV	29571	63081	1.31%	0.070%
11	7.333	456	459	462	rBV	2395247	2433175	50.36%	2.689%
12	8.053	520	522	526	rBV2	1643594	2316334	47.94%	2.560%
13	8.487	558	560	565	rBV2	33820	73819	1.53%	0.082%
14	8.773	582	585	587	rVV	149415	148971	3.08%	0.165%
15	8.865	591	593	595	rVB	97835	124874	2.58%	0.138%
16	9.139	614	617	619	rBV	4821080	4671369	96.69%	5.163%
17	9.230	622	625	628	rBV4	84125	151139	3.13%	0.167%
18	9.402	636	640	642	rVB	42968	86982	1.80%	0.096%
19	9.470	642	646	647	rBV	107901	124438	2.58%	0.138%
20	9.528	650	651	654	rVV	300892	309970	6.42%	0.343%
21	9.585	654	656	658	rVV2	57110	88591	1.83%	0.098%
22	9.619	658	659	661	rVV	75949	100443	2.08%	0.111%
23	9.665	661	663	665	rVB	105426	130284	2.70%	0.144%
24	9.756	669	671	673	rVB	77311	69209	1.43%	0.076%
25	9.813	673	676	677	rBV	1453389	1499954	31.05%	1.658%
26	9.836	677	678	680	rVB	202335	262462	5.43%	0.290%
27	9.973	687	690	691	rBV2	36389	63781	1.32%	0.070%
28	10.008	691	693	696	rBV	141996	197838	4.09%	0.219%
29	10.133	701	704	707	rBV4	77833	145230	3.01%	0.161%
30	10.213	709	711	713	rBV2	46928	83707	1.73%	0.093%
31	10.248	713	714	716	rVB2	96633	91636	1.90%	0.101%
32	10.328	716	721	722	rBV5	36948	90844	1.88%	0.100%
33	10.351	722	723	727	rVB	416780	442733	9.16%	0.489%
34	10.419	727	729	730	rBV	114931	169924	3.52%	0.188%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.442	730	731	732	rVB	112692	77307	1.60%	0.085%
36	10.465	732	733	736	rBV2	99738	212884	4.41%	0.235%
37	10.511	736	737	740	rVB	141411	153869	3.18%	0.170%
38	10.602	742	745	746	rBV2	2124249	3004326	62.18%	3.320%
39	10.625	746	747	751	rVB	818345	691452	14.31%	0.764%
40	10.728	754	756	759	rVB2	247556	398016	8.24%	0.440%
41	10.819	760	764	765	rBV2	103759	158041	3.27%	0.175%
42	10.899	768	771	773	rBV3	147681	287643	5.95%	0.318%
43	11.048	780	784	786	rBV5	120456	354442	7.34%	0.392%
44	11.082	786	787	791	rVV2	315103	478520	9.90%	0.529%
45	11.139	791	792	794	rVV	131164	236159	4.89%	0.261%
46	11.185	794	796	799	rVB2	249040	475459	9.84%	0.525%
47	11.311	803	807	809	rBV2	2244034	4831456	100.00%	5.340%
48	11.368	809	812	813	rVB	758445	811785	16.80%	0.897%
49	11.402	813	815	817	rBV	132471	174798	3.62%	0.193%
50	11.528	823	826	830	rBV3	163521	418822	8.67%	0.463%
51	11.596	830	832	833	rVB2	184413	180249	3.73%	0.199%
52	11.699	840	841	844	rVB	247391	244897	5.07%	0.271%
53	11.791	847	849	850	rVV	416202	395546	8.19%	0.437%
54	11.814	850	851	854	rVB	356539	511858	10.59%	0.566%
55	11.871	854	856	857	rBV	216037	298192	6.17%	0.330%
56	11.905	857	859	863	rVB2	810313	1193674	24.71%	1.319%
57	11.996	865	867	872	rVB4	130245	278661	5.77%	0.308%
58	12.088	873	875	876	rBV	299055	224399	4.64%	0.248%
59	12.236	886	888	889	rVB	153888	135222	2.80%	0.149%
60	12.294	889	893	894	rVB2	125033	237717	4.92%	0.263%
61	12.339	895	897	899	rBV	391486	459301	9.51%	0.508%
62	12.385	899	901	903	rVB2	275587	521029	10.78%	0.576%
63	12.419	903	904	909	rBV4	286169	503295	10.42%	0.556%
64	12.499	909	911	913	rBV	3208817	3382667	70.01%	3.739%
65	12.545	913	915	920	rVV5	120351	239194	4.95%	0.264%
66	12.728	928	931	933	rBV	3542796	4213589	87.21%	4.657%
67	12.774	933	935	938	rVB3	305251	601224	12.44%	0.664%
68	12.876	940	944	947	rVB	3312996	3422912	70.85%	3.783%
69	12.945	947	950	954	rBV3	424337	750328	15.53%	0.829%
70	13.059	954	960	961	rVB2	593707	1422437	29.44%	1.572%
71	13.117	963	965	967	rBV	444471	525908	10.89%	0.581%

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72	13.162	967	969	970	rBV	580952	694597	14.38%	0.768%
73	13.254	975	977	978	rVV	464073	581446	12.03%	0.643%
74	13.277	978	979	981	rVV	388667	598650	12.39%	0.662%
75	13.368	984	987	989	rVV3	437420	859275	17.79%	0.950%
76	13.459	991	995	998	rVV4	469047	1284993	26.60%	1.420%
77	13.562	1002	1004	1008	rVV	445611	1147312	23.75%	1.268%
78	13.677	1011	1014	1015	rVV2	347385	811774	16.80%	0.897%
79	13.699	1015	1016	1021	rVV3	543439	1086376	22.49%	1.201%
80	13.768	1021	1022	1027	rVB3	352309	682537	14.13%	0.754%
81	13.917	1032	1035	1037	rBV2	1931979	3254302	67.36%	3.597%
82	13.951	1037	1038	1040	rVB	1421144	1095693	22.68%	1.211%
83	14.008	1041	1043	1044	rBV2	115740	129016	2.67%	0.143%
84	14.305	1067	1069	1071	rBV	252564	269271	5.57%	0.298%
85	14.339	1071	1072	1074	rVB	167353	134380	2.78%	0.149%
86	14.408	1076	1078	1079	rVB2	127573	152725	3.16%	0.169%
87	14.808	1107	1113	1115	rBV3	163784	625058	12.94%	0.691%
88	14.934	1121	1124	1128	rBV	1510824	3035587	62.83%	3.355%
89	15.025	1129	1132	1134	rVB3	366564	659084	13.64%	0.728%
90	15.208	1146	1148	1151	rVB	920949	1212383	25.09%	1.340%
91	15.265	1151	1153	1156	rBV	1235470	1676797	34.71%	1.853%
92	15.322	1156	1158	1160	rBV	902046	1464236	30.31%	1.618%
93	15.768	1195	1197	1199	rBV	227682	305262	6.32%	0.337%
94	15.974	1213	1215	1221	rVB3	124163	263827	5.46%	0.292%
95	16.237	1235	1238	1240	rBV2	142410	311656	6.45%	0.344%
96	16.500	1258	1261	1269	rBV3	146662	456277	9.44%	0.504%
97	16.671	1272	1276	1280	rVB2	566419	1109464	22.96%	1.226%
98	16.831	1288	1290	1292	rBV	106565	167857	3.47%	0.186%
99	17.071	1308	1311	1316	rVB	438518	858974	17.78%	0.949%
100	18.831	1462	1465	1473	rVB2	108888	356278	7.37%	0.394%

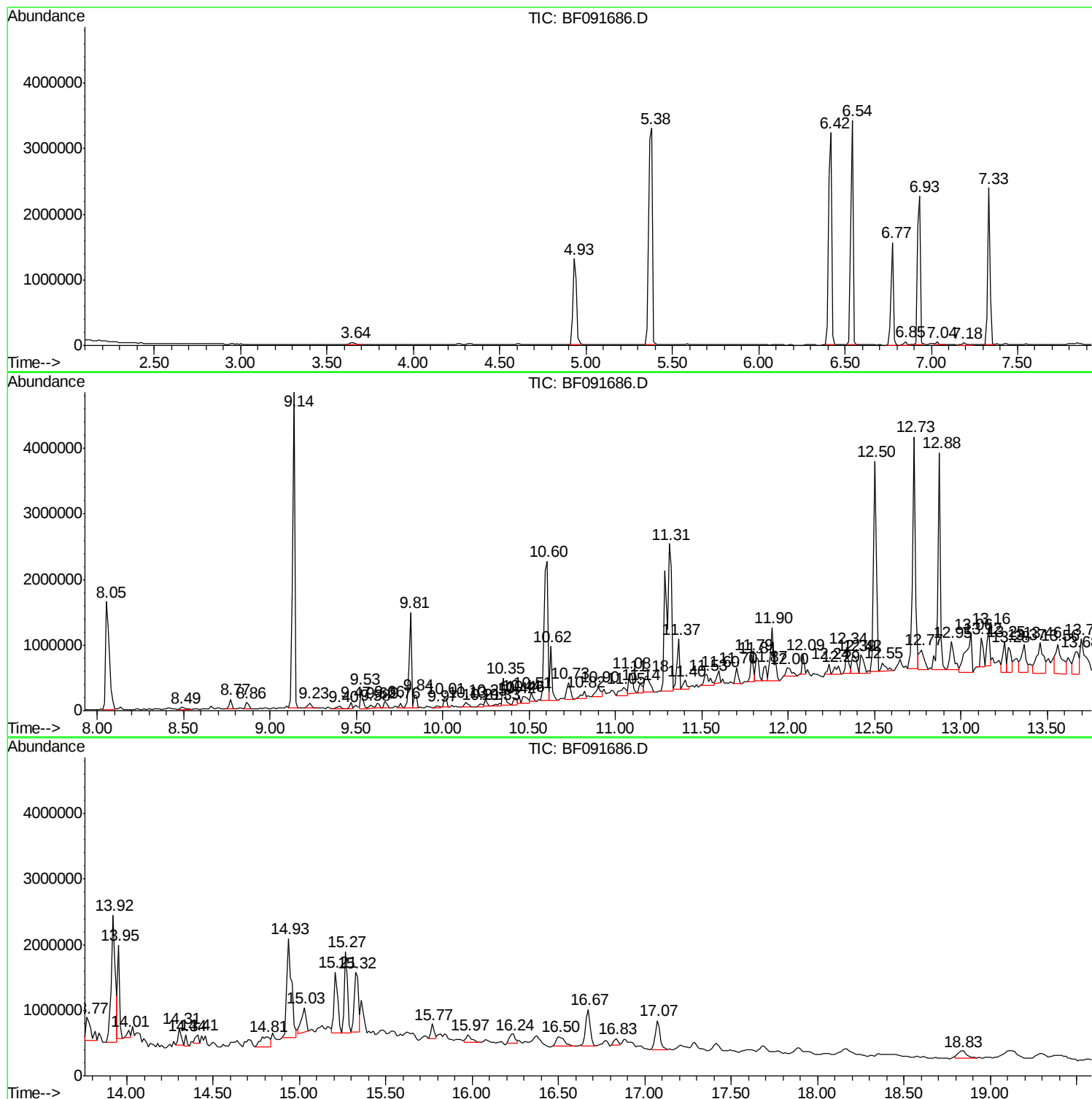
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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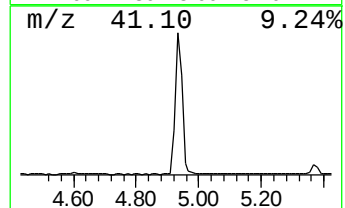
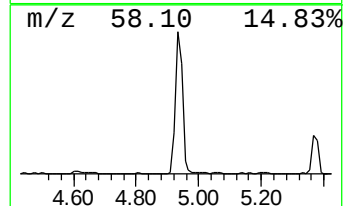
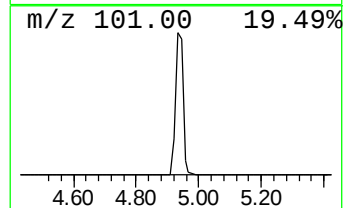
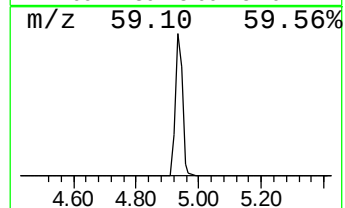
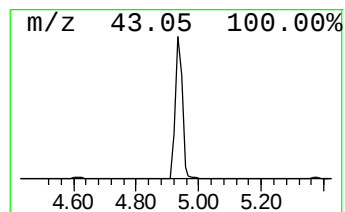
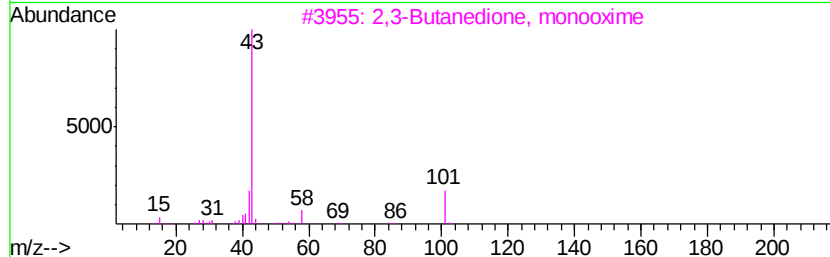
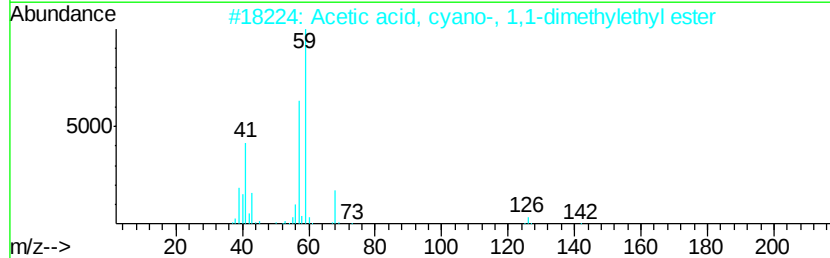
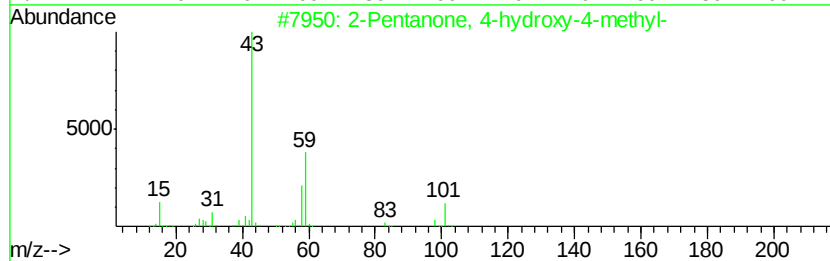
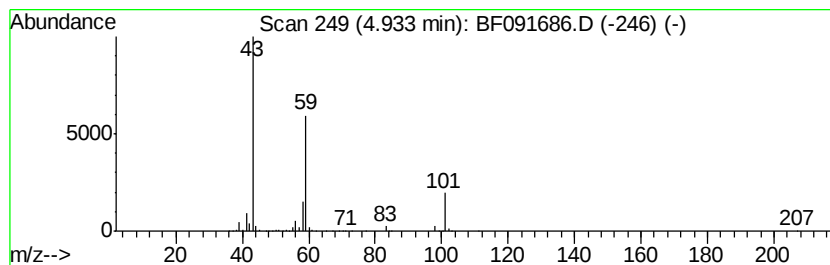
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	29.28 ng	1940780	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9



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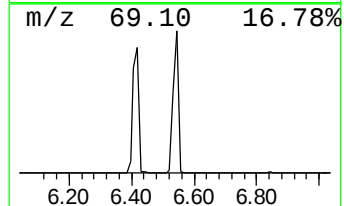
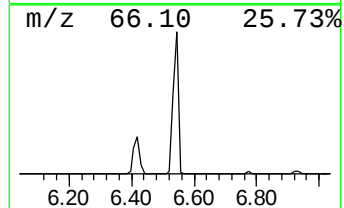
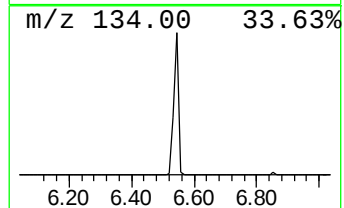
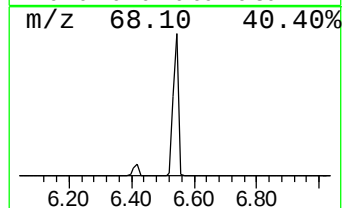
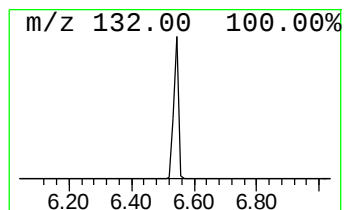
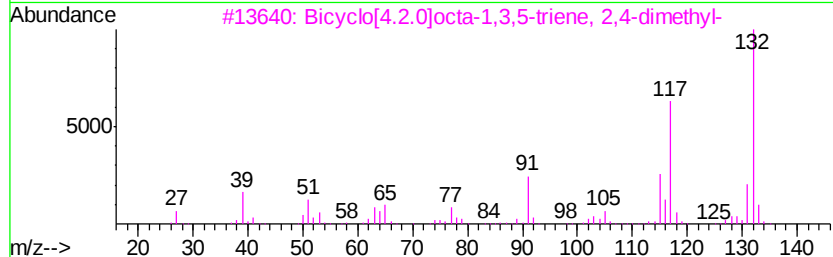
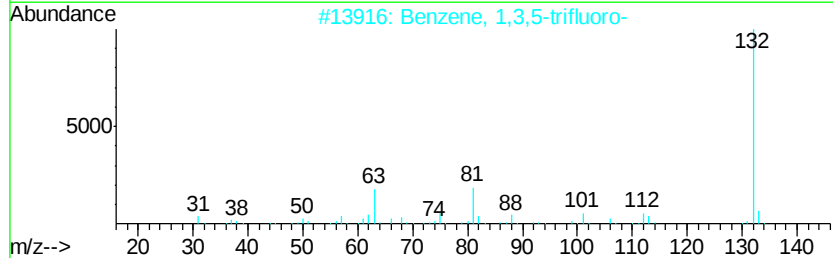
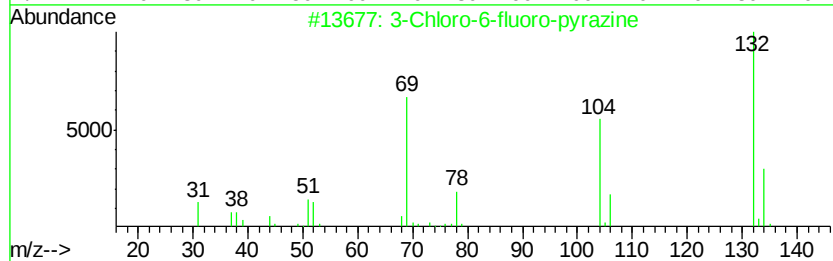
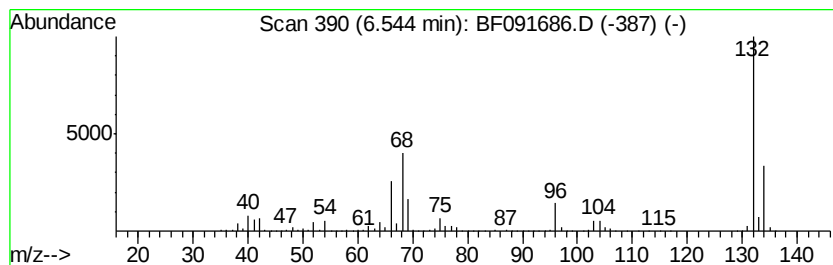
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	54.15 ng	3588820	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9



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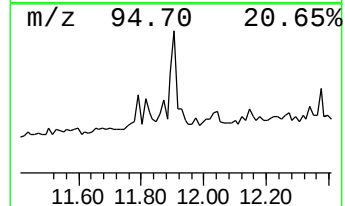
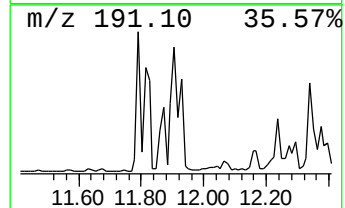
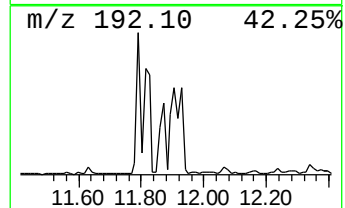
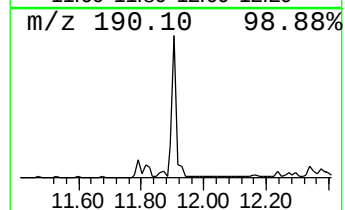
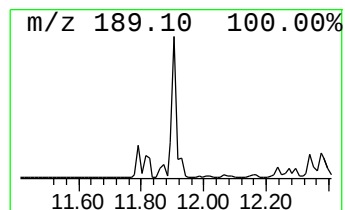
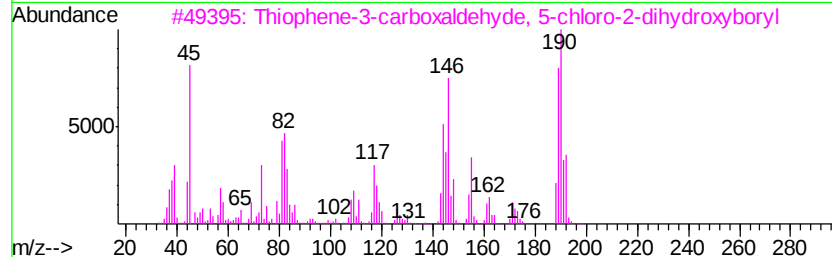
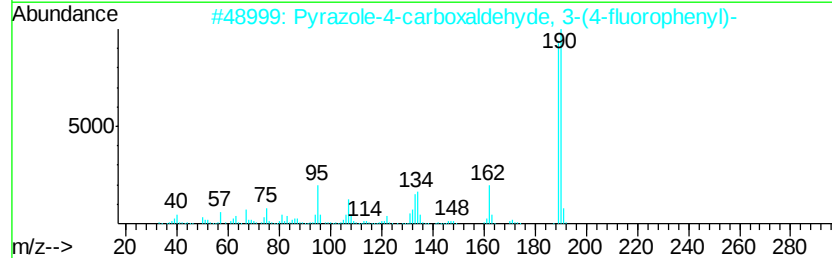
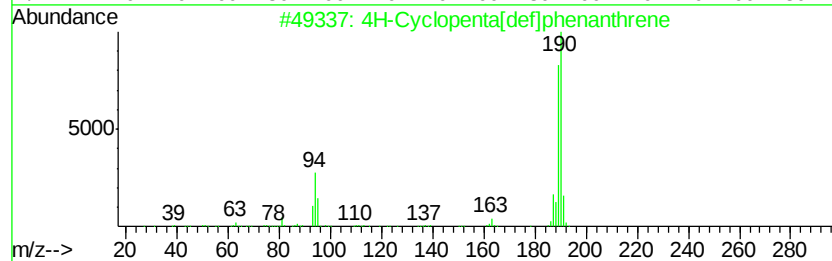
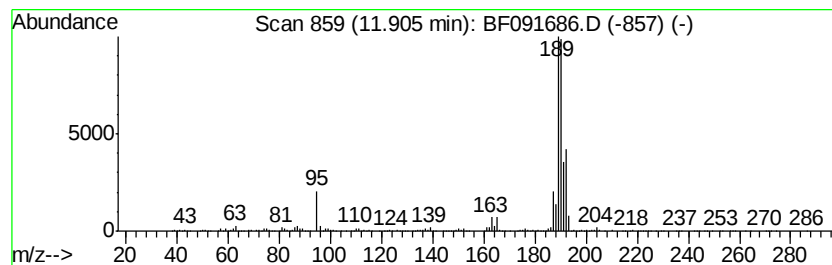
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.94 ng	1193670	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Operator : UM/SJ
Sample : H6110-03
Misc :
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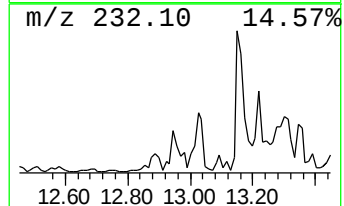
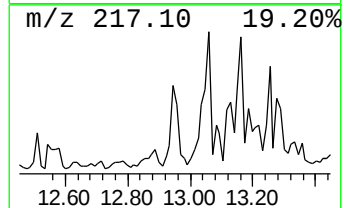
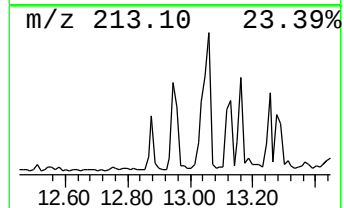
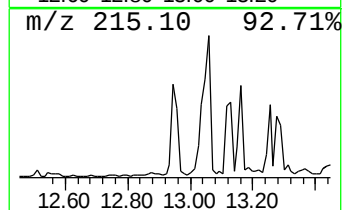
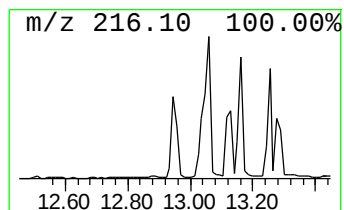
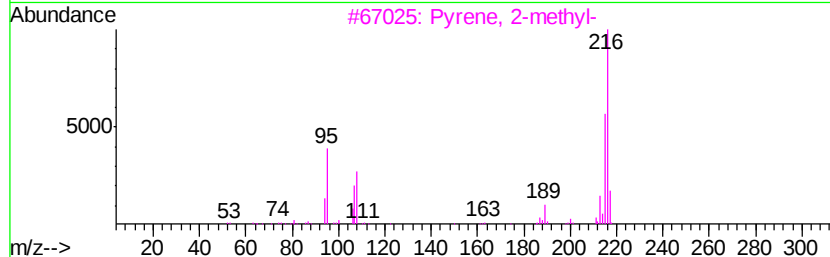
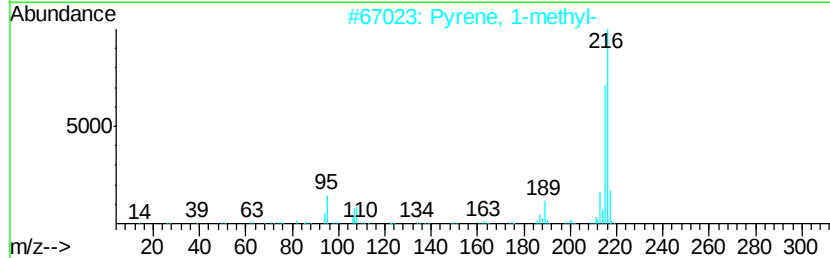
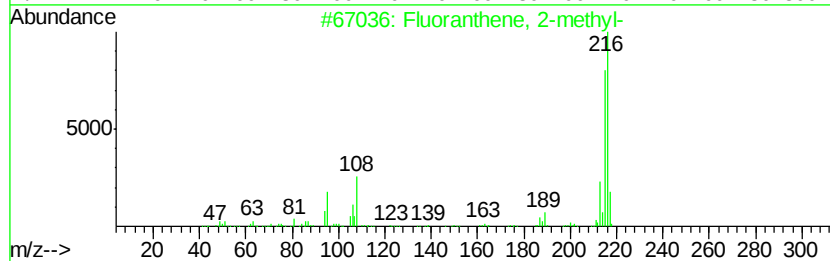
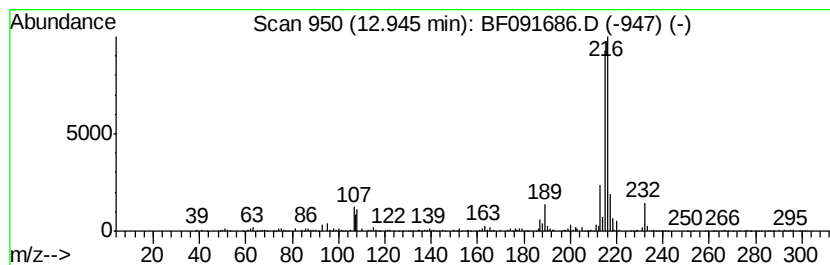
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.95	4.61 ng	750328	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
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ClientSampleId :
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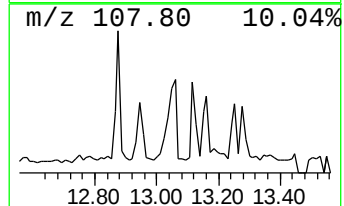
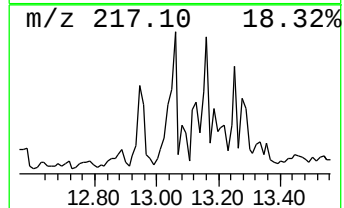
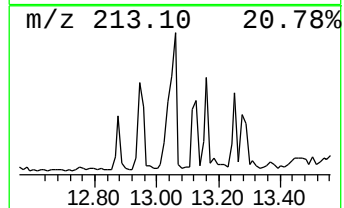
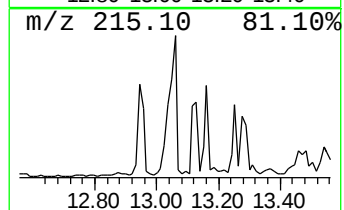
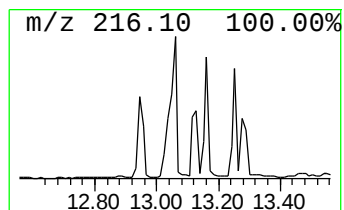
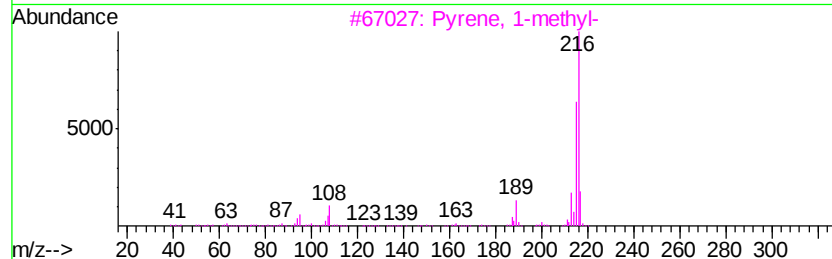
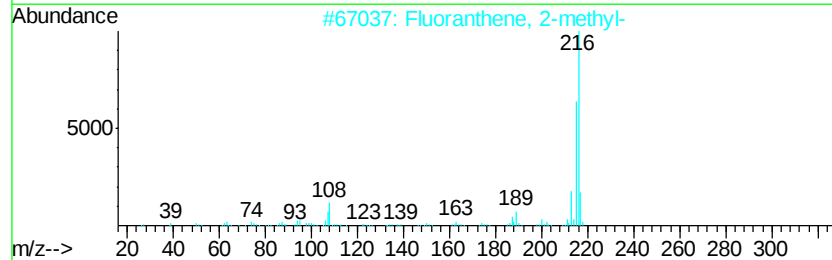
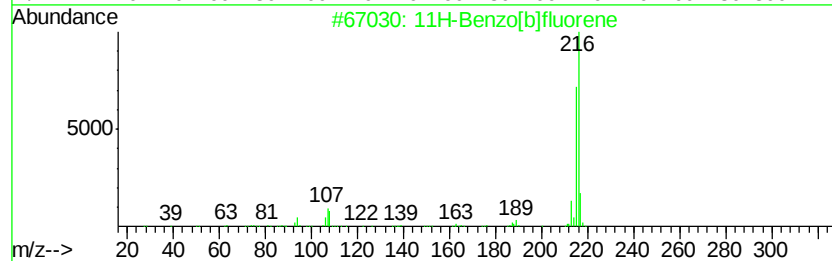
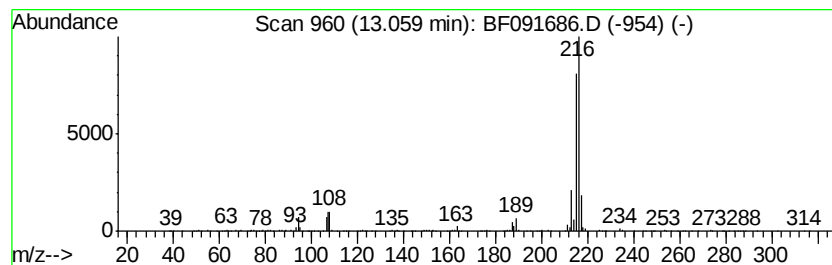
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	8.74 ng	1422440	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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Acq On : 16 Dec 2016 21:27
Operator : UM/SJ
Sample : H6110-03
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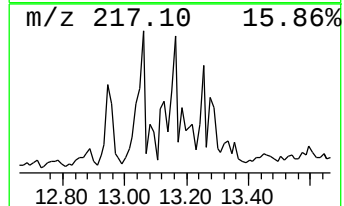
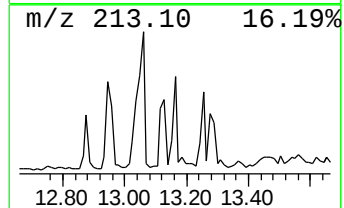
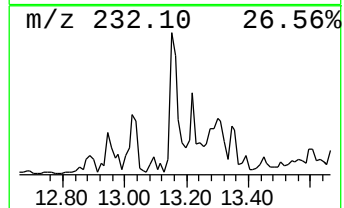
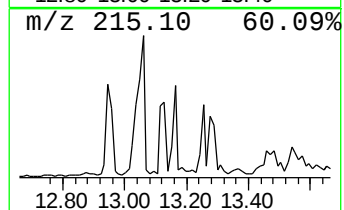
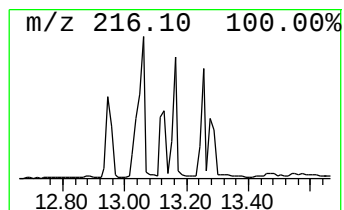
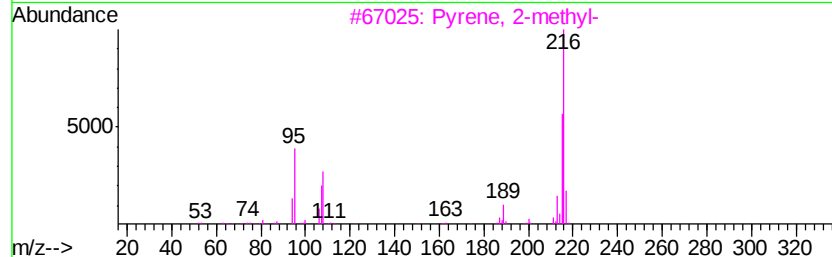
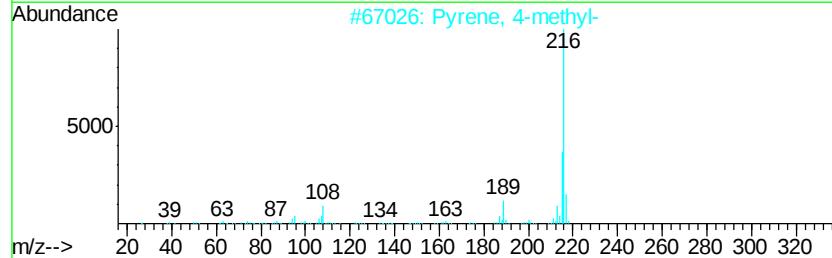
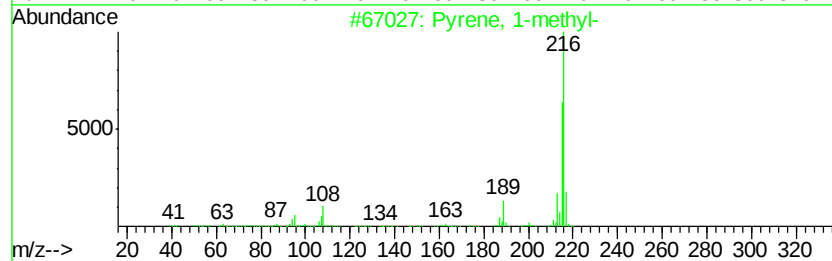
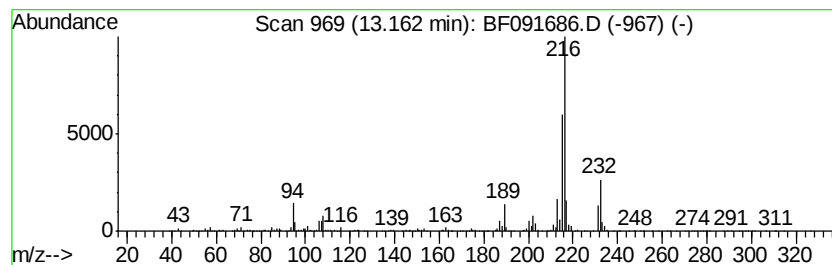
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.27 ng	694597	Chrysene-d12	13.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 4-methyl-	216 C17H12	003353-12-6 96
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 89
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 86
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
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Sample : H6110-03
Misc :
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Instrument :
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ClientSampleId :
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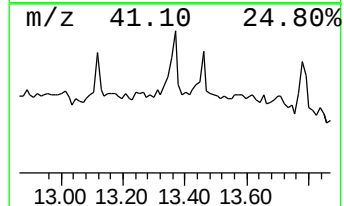
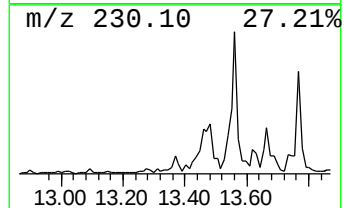
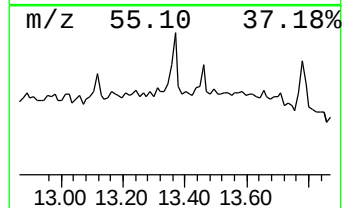
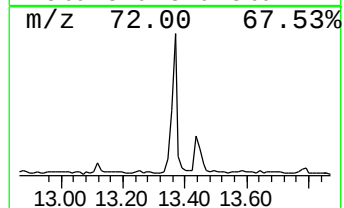
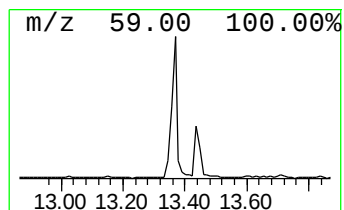
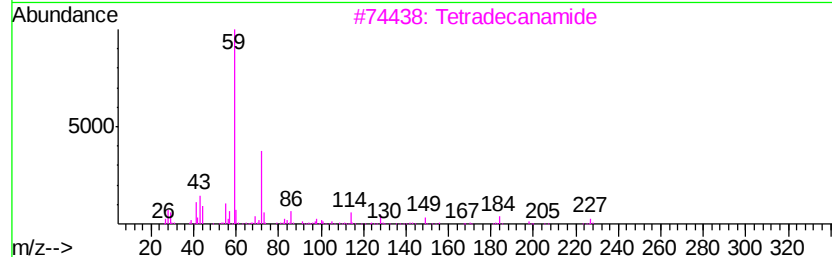
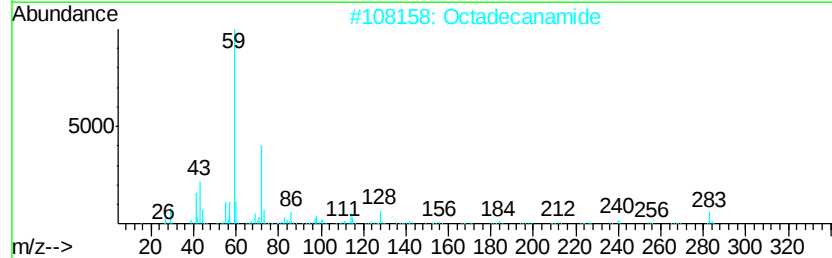
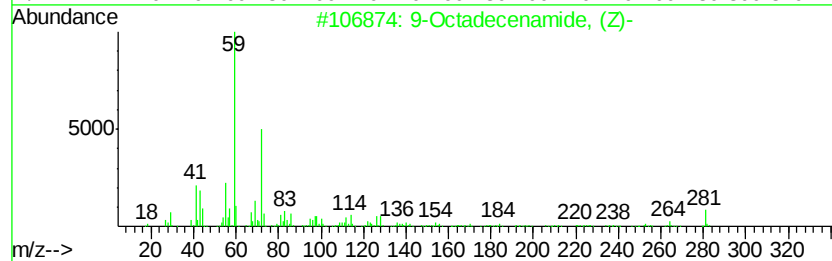
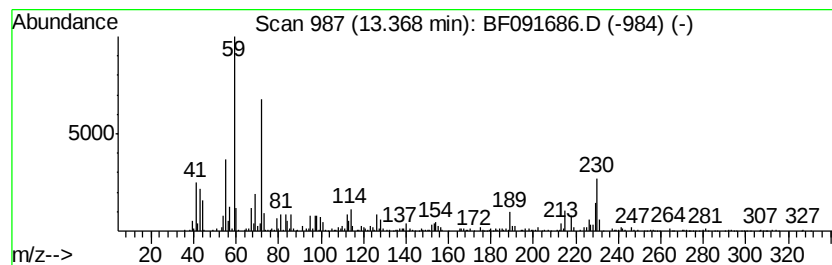
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.28 ng	859275	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
2		Octadecanamide	283	C18H37NO	000124-26-5	58
3		Tetradecanamide	227	C14H29NO	000638-58-4	47
4		Decanamide-	171	C10H21NO	002319-29-1	43
5		Nonanamide	157	C9H19NO	001120-07-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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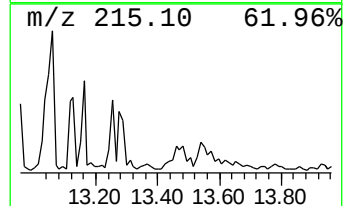
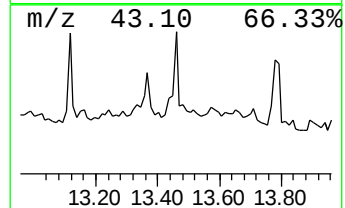
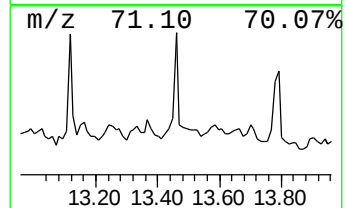
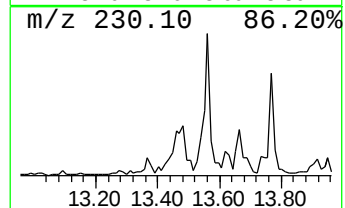
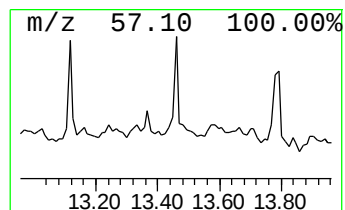
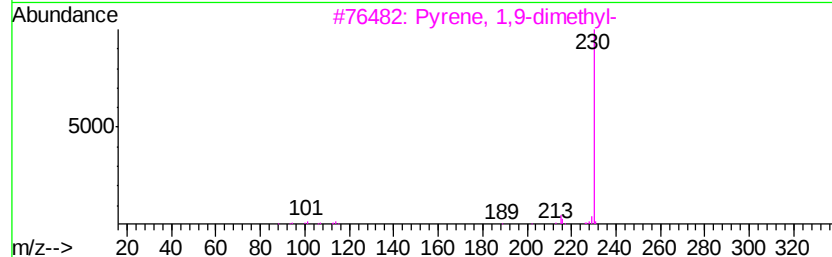
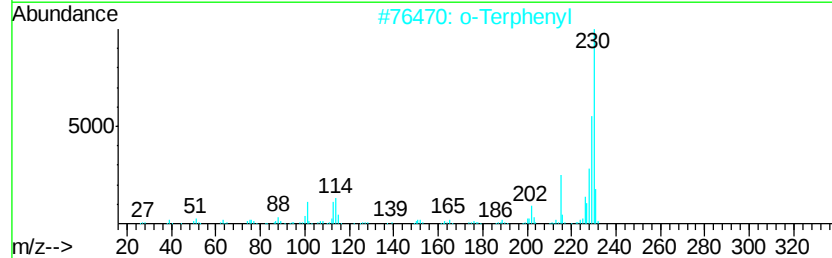
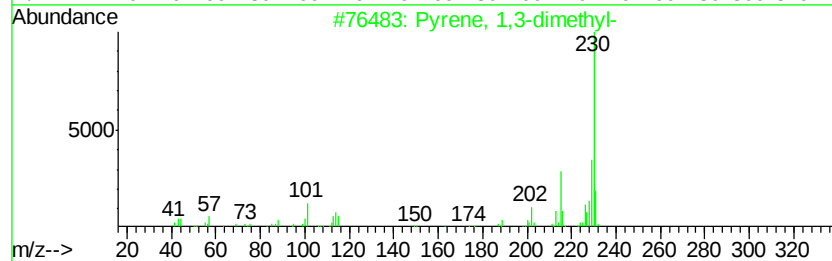
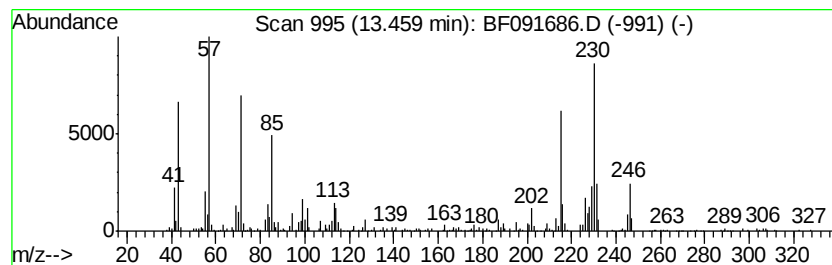
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	7.90 ng	1284990	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	89
2		o-Terphenyl	230	C18H14	000084-15-1	55
3		Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	47
4		Dibenzo[c,h][2,6]naphthylidene	230	C16H10N2	000218-30-4	43
5		8-Chlorobenzo[h][1,6]-naphthyrid...	230	C12H7ClN2O	025100-26-9	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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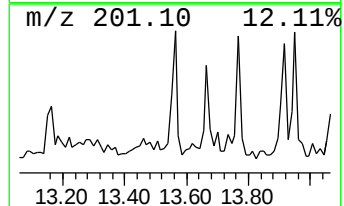
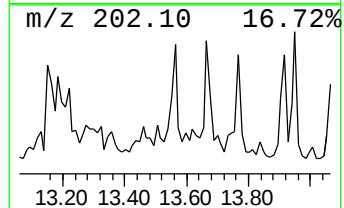
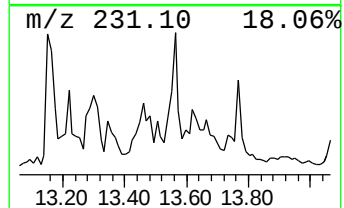
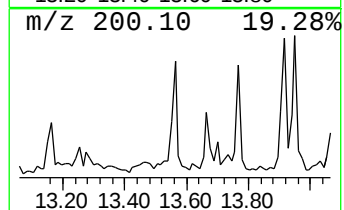
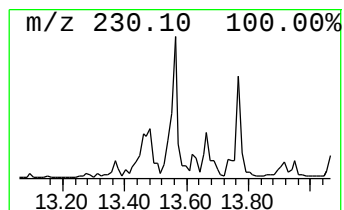
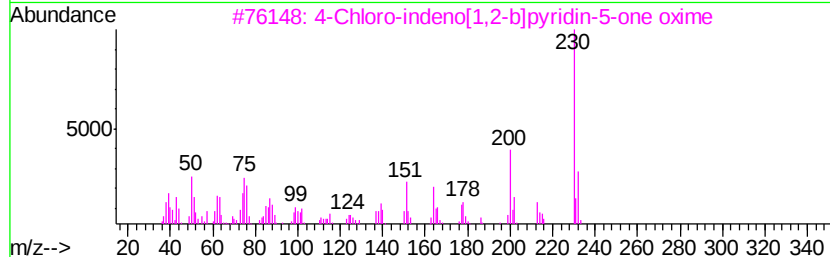
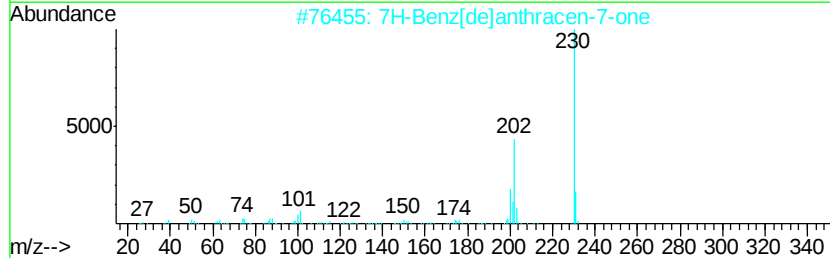
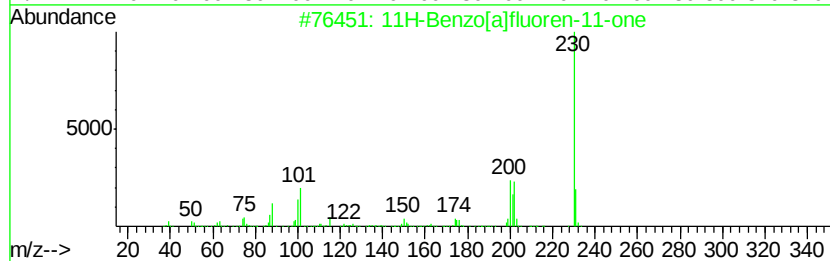
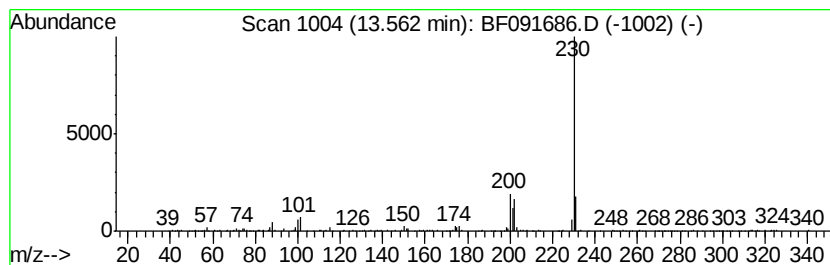
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	7.05 ng	1147310	Chrysene-d12	13.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3			4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	72
4			4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	58
5			(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091686.D
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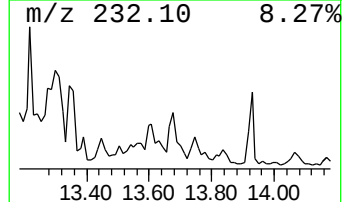
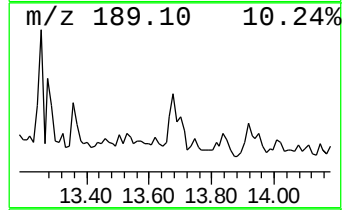
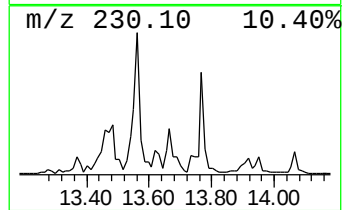
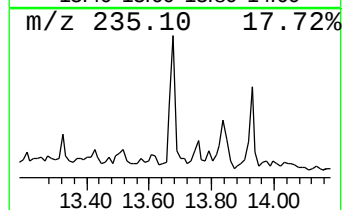
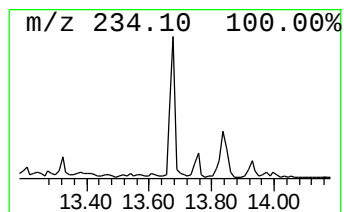
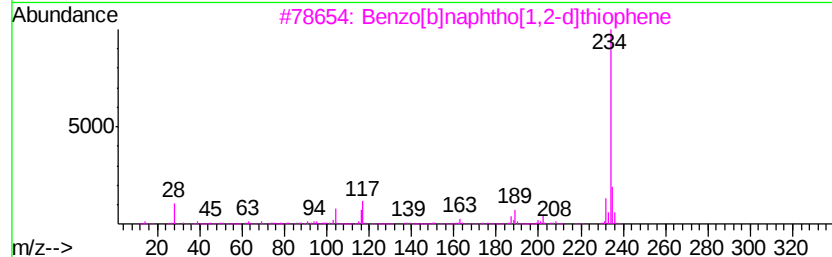
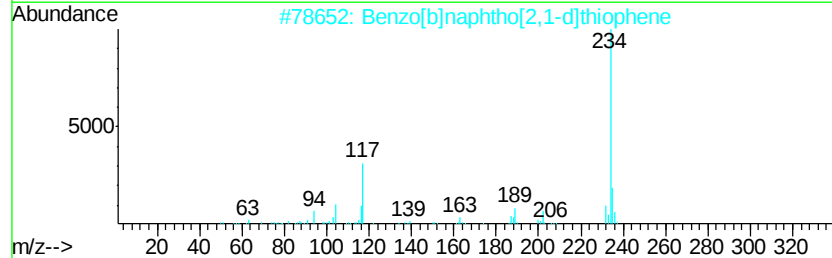
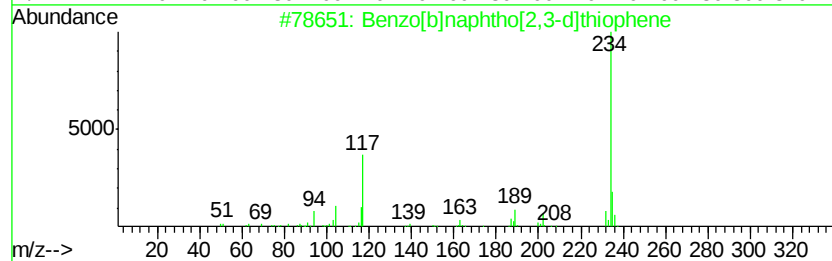
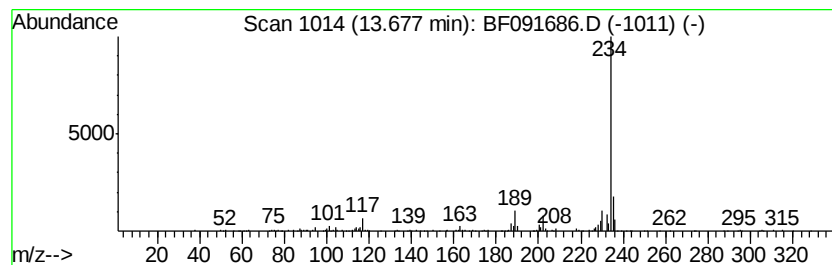
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	4.99 ng	811774	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4		Benzene, 1,1'-(2-cyclohexen-1-yl...	234	C18H18	031158-25-5	45
5		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091686.D
Acq On : 16 Dec 2016 21:27
Operator : UM/SJ
Sample : H6110-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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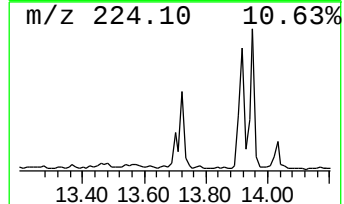
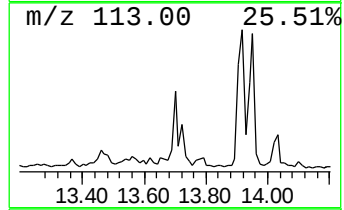
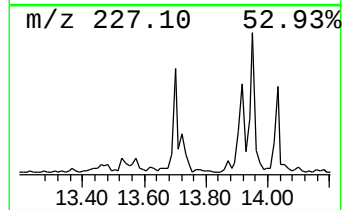
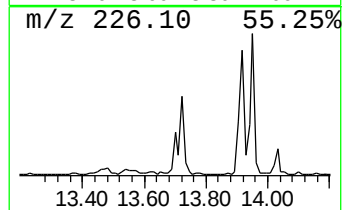
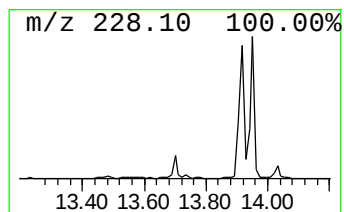
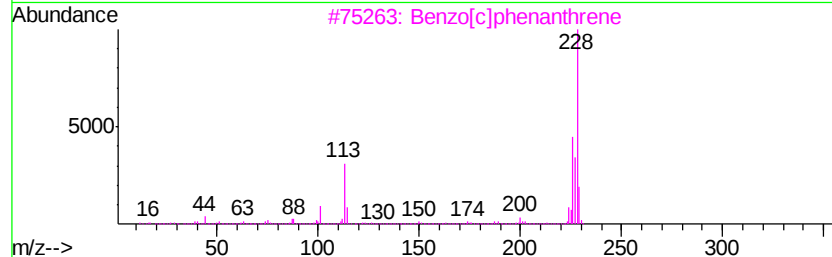
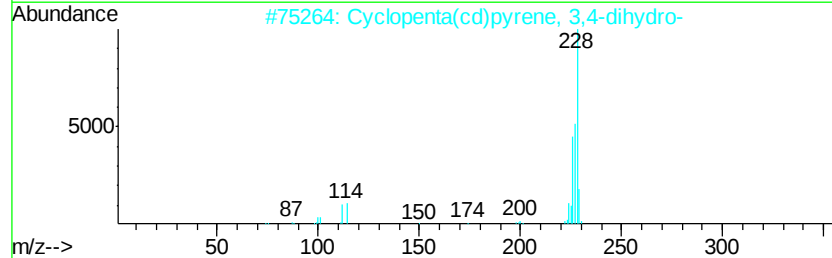
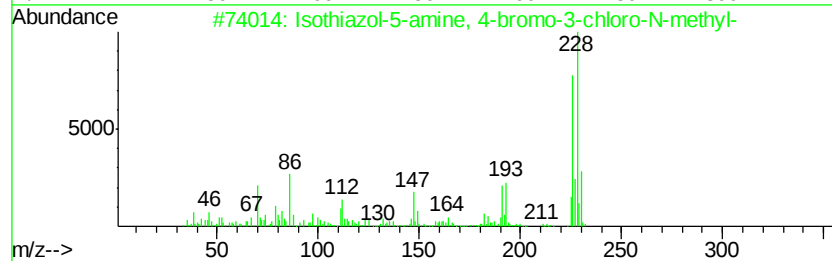
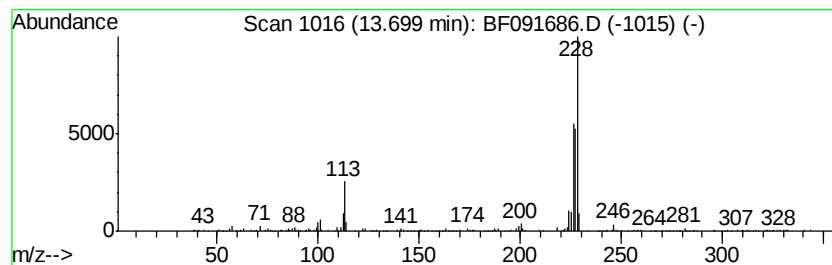
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Isothiazol-5-amine, 4-bromo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	6.68 ng	1086380	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	58
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
4		Triphenylene	228	C18H12	000217-59-4	43
5		1,4-Cyclohexanedicarboxylic acid...	228	C10H12O6	006289-46-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Acq On : 16 Dec 2016 21:27
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Misc :
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ClientSampleId :
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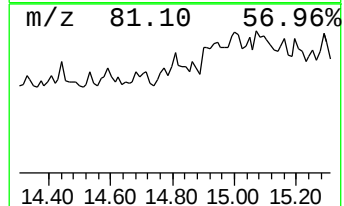
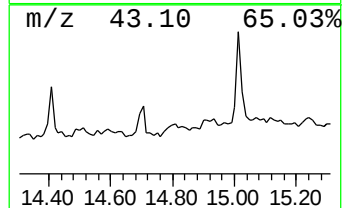
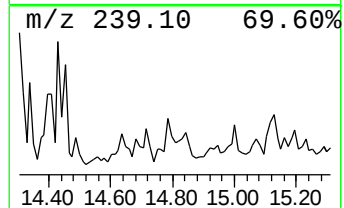
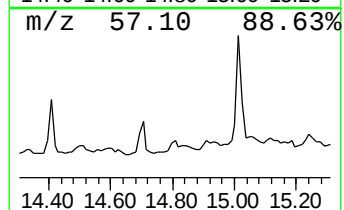
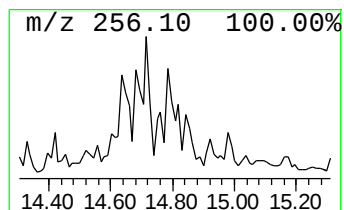
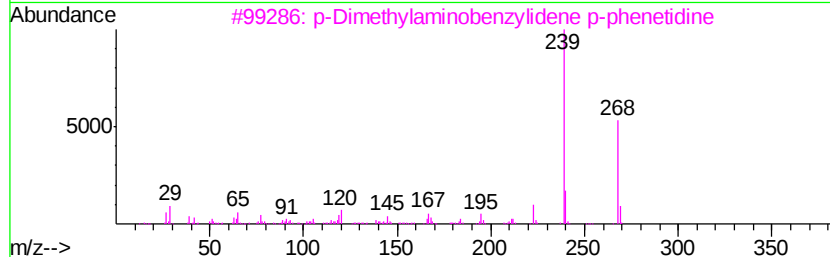
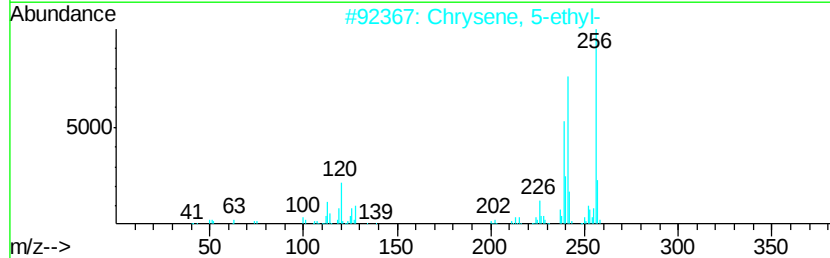
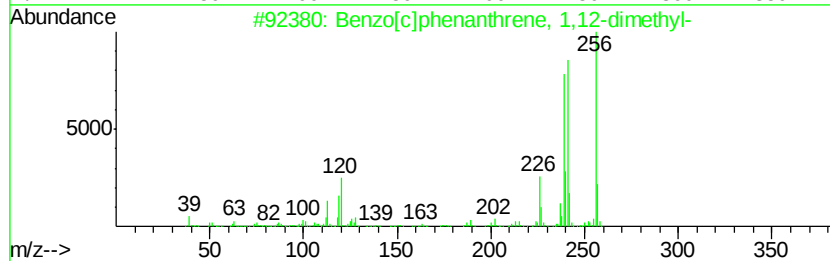
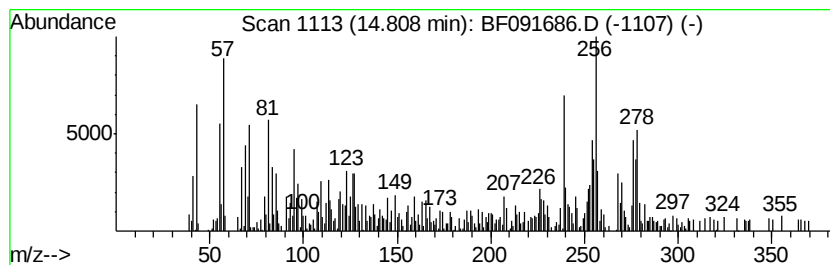
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	8.54 ng	625058	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	42
2		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	42
3		p-Dimethylaminobenzylidene p-phe...	268	C17H20N2O	015484-93-2	40
4		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	30
5		16-Hydroxyimino-5.beta.-androsta...	319	C19H29NO3	1000196-41-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091686.D
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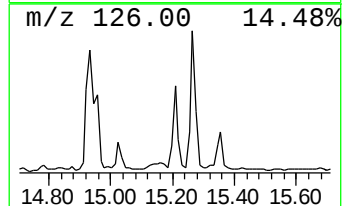
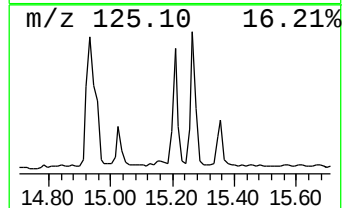
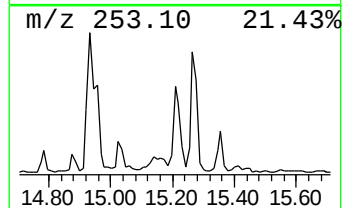
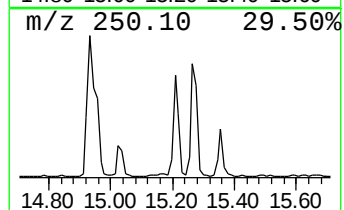
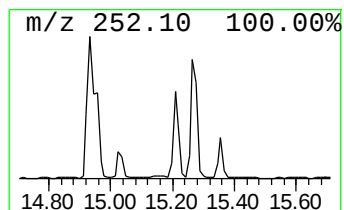
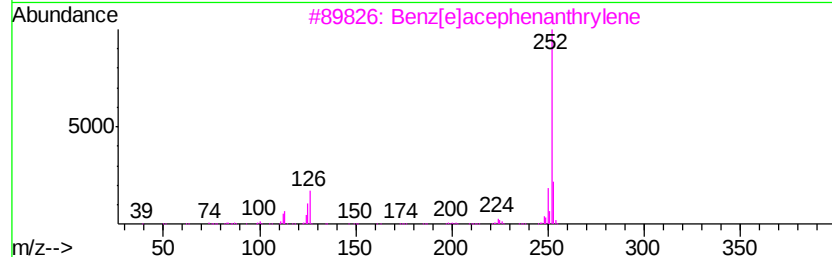
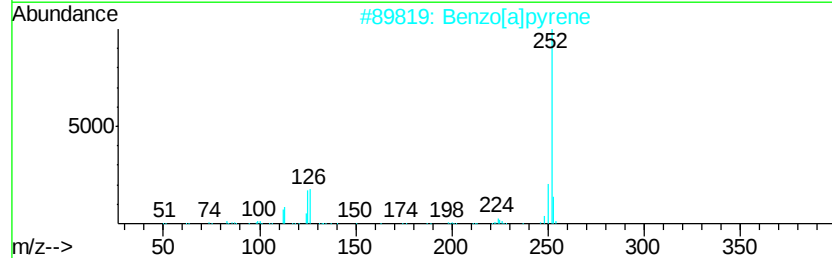
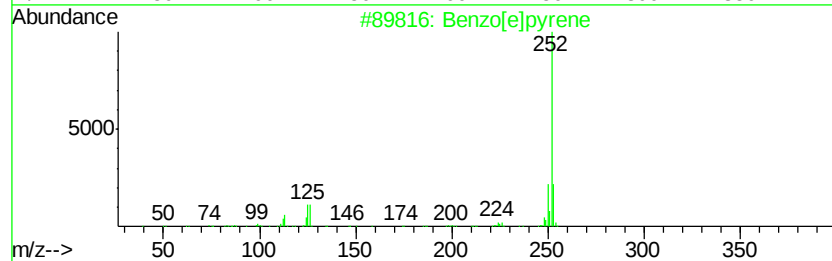
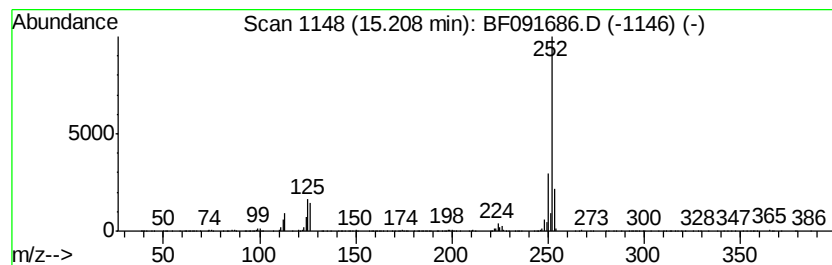
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	16.56 ng	1212380	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	95
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[i]lfluoranthene	252	C20H12	000205-82-3	91
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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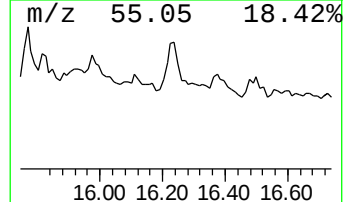
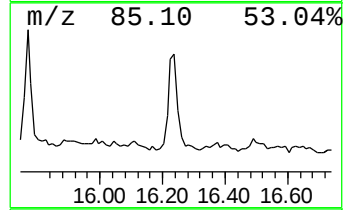
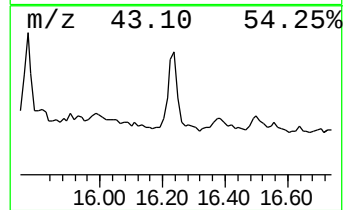
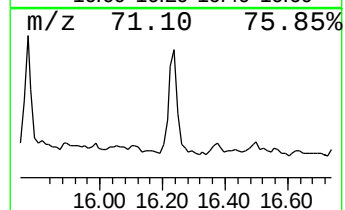
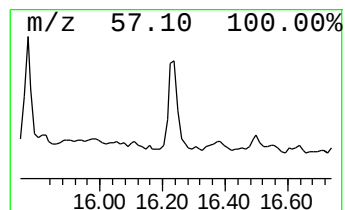
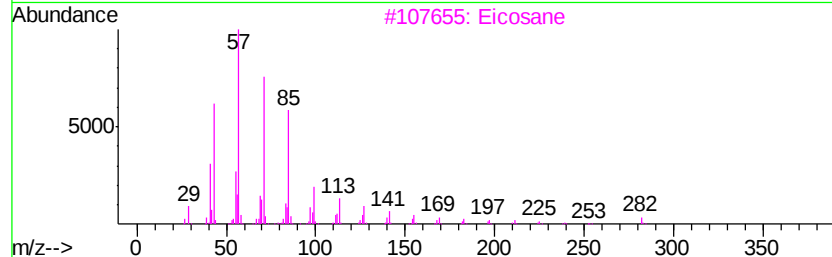
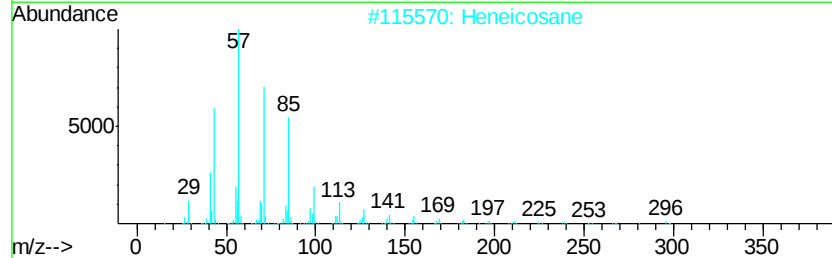
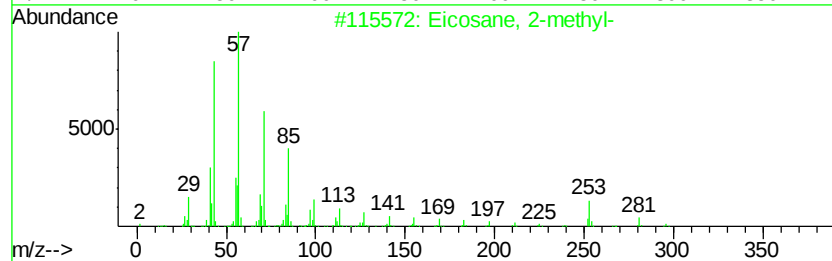
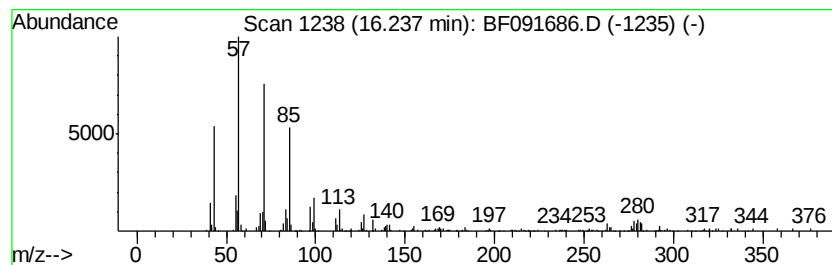
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	4.26 ng	311656	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane, 2-methyl-	296 C21H44	001560-84-5	90
2	Heneicosane	296 C21H44	000629-94-7	83
3	Eicosane	282 C20H42	000112-95-8	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	74
5	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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ClientSampleId :
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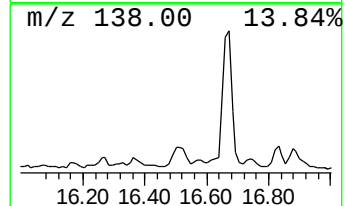
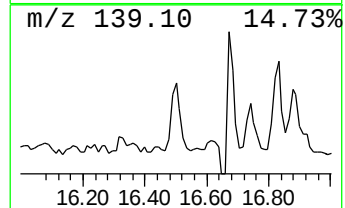
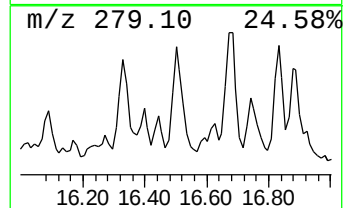
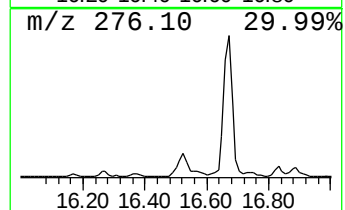
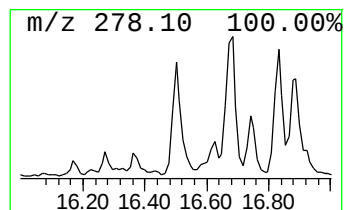
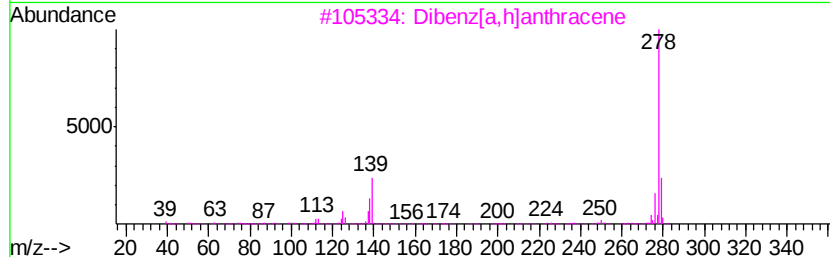
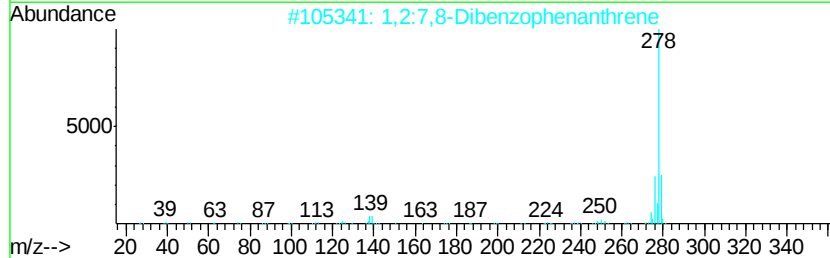
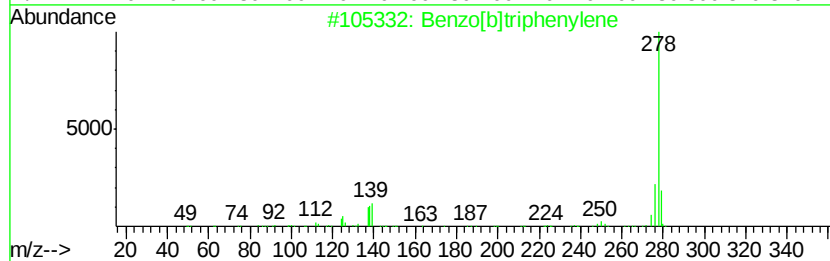
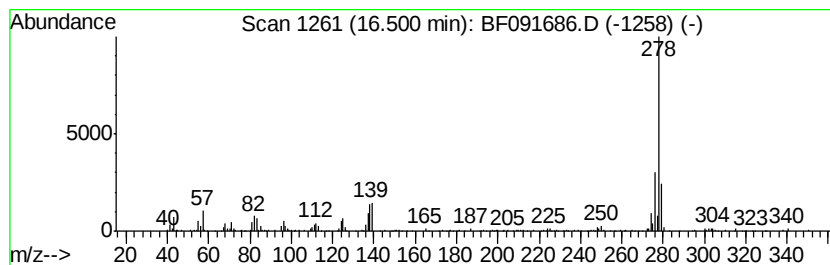
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	6.23 ng	456277	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
4		Benzo[b]chrysene	278	C22H14	000214-17-5	86
5		Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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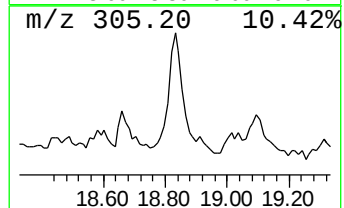
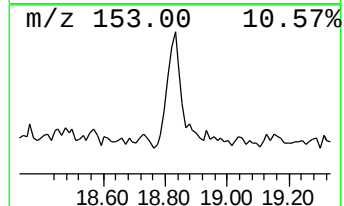
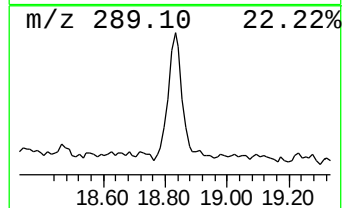
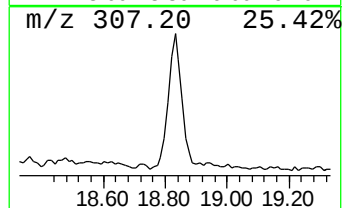
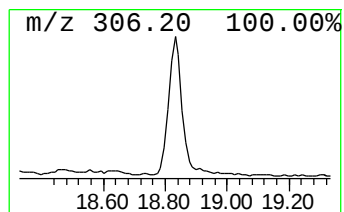
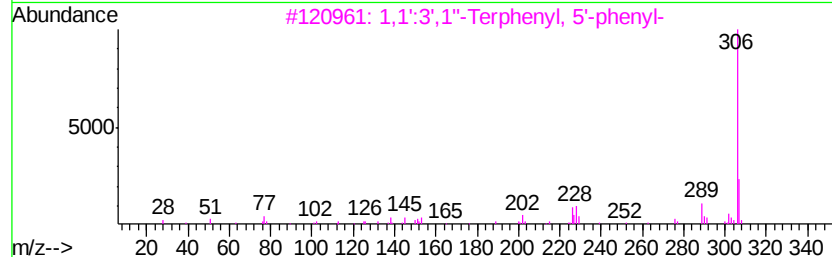
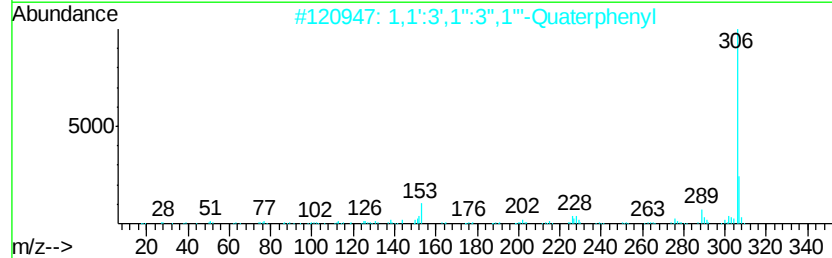
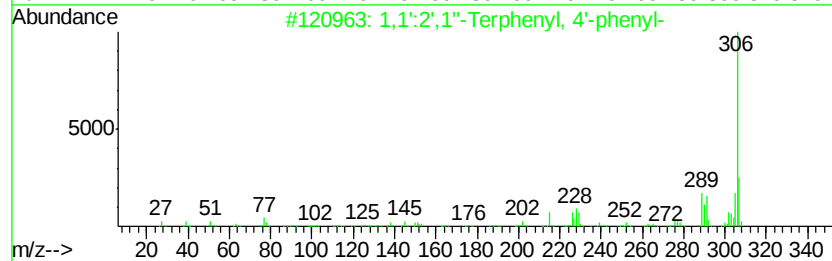
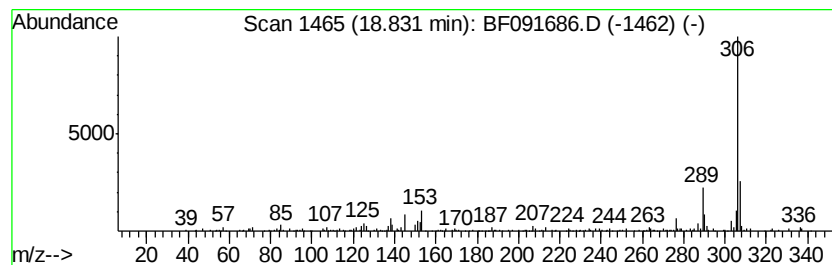
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,1':2',1''-Terphenyl, 4'-p... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	4.87 ng	356278	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1':2',1''-Terphenyl, 4'-phenyl-		306	C24H18		001165-53-3	76
2	1,1':3',1''':3'',1''''-Quaterphenyl		306	C24H18		001166-18-3	64
3	1,1':3',1''-Terphenyl, 5'-phenyl-		306	C24H18		000612-71-5	64
4	1,1':3',1''':4'',1''''-Quaterphenyl		306	C24H18		001166-19-4	64
5	1,1':2',1''':2'',1''''-Quaterphenyl		306	C24H18		000641-96-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	29.3	ng	1940780	1	6.77	1325520	20.0
unknown6.54	6.54	54.1	ng	3588820	1	6.77	1325520	20.0
4H-Cyclopenta[def...	11.91	4.9	ng	1193670	4	11.29	4831460	20.0
Fluoranthene, 2-m...	12.95	4.6	ng	750328	5	13.93	3254300	20.0
11H-Benzo[b]fluorene	13.06	8.7	ng	1422440	5	13.93	3254300	20.0
Pyrene, 1-methyl-	13.16	4.3	ng	694597	5	13.93	3254300	20.0
9-Octadecenamide, ...	13.37	5.3	ng	859275	5	13.93	3254300	20.0
Pyrene, 1,3-dimet...	13.46	7.9	ng	1284990	5	13.93	3254300	20.0
11H-Benzo[a]fluor...	13.56	7.0	ng	1147310	5	13.93	3254300	20.0
Benzo[b]naphtho[2...	13.68	5.0	ng	811774	5	13.93	3254300	20.0
Isothiazol-5-amin...	13.70	6.7	ng	1086380	5	13.93	3254300	20.0
unknown14.81	14.81	8.5	ng	625058	6	15.33	1464240	20.0
Benzo[e]pyrene	15.21	16.6	ng	1212380	6	15.33	1464240	20.0
Eicosane, 2-methyl-	16.24	4.3	ng	311656	6	15.33	1464240	20.0
Benzo[b]triphenylene	16.50	6.2	ng	456277	6	15.33	1464240	20.0
1,1':2',1''-Terph...	18.83	4.9	ng	356278	6	15.33	1464240	20.0