

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081195.D
 Acq On : 25 Aug 2015 5:15
 Operator : UM/IZ
 Sample : G3387-01 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

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-BF081715.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	4.630	238	240	247	rVB	43985	61639	3.09%	0.297%
2	5.099	279	281	287	rVB	83873	84376	4.23%	0.406%
3	6.185	374	376	378	rBV	99068	94582	4.75%	0.455%
4	6.299	384	386	389	rVB	104899	96415	4.84%	0.464%
5	6.539	405	407	409	rBV	501767	415565	20.85%	1.999%
6	6.699	418	421	423	rBV	56466	73147	3.67%	0.352%
7	7.110	455	457	458	rBV	45766	53692	2.69%	0.258%
8	7.830	517	520	522	rBV	540276	614540	30.84%	2.956%
9	8.539	580	582	584	rBV	43297	34573	1.73%	0.166%
10	8.630	589	590	592	rVB	23466	21537	1.08%	0.104%
11	8.905	612	614	616	rBV	108908	93892	4.71%	0.452%
12	9.236	641	643	644	rBV	20436	20497	1.03%	0.099%
13	9.568	670	672	674	rBV	634655	581507	29.18%	2.798%
14	9.602	674	675	677	rVB	229157	165325	8.30%	0.795%
15	9.773	688	690	692	rBV	130198	112831	5.66%	0.543%
16	10.116	718	720	722	rBV	162371	217638	10.92%	1.047%
17	10.173	722	725	726	rVV	22538	27554	1.38%	0.133%
18	10.196	726	727	728	rVV	31740	22861	1.15%	0.110%
19	10.265	732	733	736	rVB	32631	36855	1.85%	0.177%
20	10.345	738	740	743	rBV	99834	105264	5.28%	0.506%
21	10.471	750	751	756	rBV2	9952	22942	1.15%	0.110%
22	10.654	764	767	769	rBV2	42645	61901	3.11%	0.298%
23	10.802	776	780	783	rBV3	19655	56776	2.85%	0.273%
24	10.894	786	788	790	rBV	27632	41838	2.10%	0.201%
25	10.939	790	792	793	rBV	56902	72563	3.64%	0.349%
26	11.042	798	801	802	rBV	562285	717143	35.98%	3.450%
27	11.065	802	803	805	rVV	1596077	1184738	59.45%	5.700%
28	11.111	805	807	809	rVV	435661	392126	19.68%	1.886%
29	11.145	809	810	813	rVV	40461	44040	2.21%	0.212%
30	11.271	819	821	823	rVV	193367	144514	7.25%	0.695%
31	11.339	825	827	828	rBV	35459	28013	1.41%	0.135%
32	11.374	828	830	831	rVB2	17532	21428	1.08%	0.103%
33	11.534	842	844	845	rBV	106353	120514	6.05%	0.580%
34	11.568	845	847	849	rVV	182632	172424	8.65%	0.830%

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35	11.614	849	851	852	rVV	78121	73412	3.68%	0.353%
36	11.648	852	854	858	rVB2	364070	431801	21.67%	2.077%
37	11.739	858	862	863	rBV3	22360	41735	2.09%	0.201%
38	11.831	869	870	874	rVB2	103027	161500	8.10%	0.777%
39	11.979	881	883	884	rBV	26640	22718	1.14%	0.109%
40	12.014	884	886	889	rVB	26022	38758	1.94%	0.186%
41	12.082	890	892	894	rBV	56159	77565	3.89%	0.373%
42	12.117	894	895	898	rVB2	36131	39855	2.00%	0.192%
43	12.162	898	899	903	rVB2	64821	73636	3.69%	0.354%
44	12.242	903	906	909	rBV	1588050	1736337	87.12%	8.353%
45	12.299	909	911	913	rBV	52716	62958	3.16%	0.303%
46	12.379	916	918	920	rBV2	77936	113372	5.69%	0.545%
47	12.471	922	926	928	rBV	1631899	1992947	100.00%	9.588%
48	12.517	928	930	933	rVB	80231	90793	4.56%	0.437%
49	12.585	934	936	937	rBV	115747	107421	5.39%	0.517%
50	12.619	937	939	942	rVB	195017	204621	10.27%	0.984%
51	12.688	942	945	946	rBV2	109626	181872	9.13%	0.875%
52	12.791	950	954	956	rVB	268876	386750	19.41%	1.861%
53	12.859	958	960	961	rBV	279520	232361	11.66%	1.118%
54	12.894	961	963	964	rBV	148347	117422	5.89%	0.565%
55	12.985	969	971	972	rBV	77663	76101	3.82%	0.366%
56	13.019	972	974	976	rVV3	57952	79502	3.99%	0.382%
57	13.099	979	981	983	rBV3	32302	42752	2.15%	0.206%
58	13.191	986	989	990	rBV3	34265	83163	4.17%	0.400%
59	13.214	990	991	995	rVB2	44168	47157	2.37%	0.227%
60	13.294	995	998	1001	rBV2	52382	108373	5.44%	0.521%
61	13.408	1005	1008	1009	rBV2	98339	155315	7.79%	0.747%
62	13.454	1009	1012	1015	rVB3	117678	247450	12.42%	1.190%
63	13.648	1026	1029	1031	rBV2	823194	1455036	73.01%	7.000%
64	13.682	1031	1032	1034	rVV	715622	558734	28.04%	2.688%
65	13.762	1036	1039	1040	rBV	164897	204010	10.24%	0.981%
66	13.797	1040	1042	1045	rBV4	27538	53224	2.67%	0.256%
67	13.842	1045	1046	1047	rBV	53538	61242	3.07%	0.295%
68	14.037	1061	1063	1065	rVB	97622	105327	5.28%	0.507%
69	14.128	1069	1071	1072	rBV	82113	73860	3.71%	0.355%
70	14.185	1072	1076	1077	rVV4	67704	136816	6.87%	0.658%
71	14.345	1087	1090	1091	rBV2	59853	98398	4.94%	0.473%

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72	14.505	1102	1104	1108	rVB	46422	58290	2.92%	0.280%
73	14.643	1114	1116	1120	rBV	678476	1318745	66.17%	6.344%
74	14.734	1122	1124	1125	rVB	101903	130610	6.55%	0.628%
75	14.894	1135	1138	1140	rVB	358984	505130	25.35%	2.430%
76	14.940	1140	1142	1145	rVV	584006	680766	34.16%	3.275%
77	14.997	1145	1147	1155	rVB2	227688	591668	29.69%	2.846%
78	15.557	1194	1196	1203	rVB3	70626	141469	7.10%	0.681%
79	15.900	1224	1226	1233	rVB5	77762	172750	8.67%	0.831%
80	16.174	1247	1250	1254	rVB	268661	447633	22.46%	2.153%
81	16.311	1259	1262	1264	rBV	54771	97061	4.87%	0.467%
82	16.357	1264	1266	1268	rBV2	55182	91980	4.62%	0.443%
83	16.528	1277	1281	1288	rVB	193525	391449	19.64%	1.883%
84	16.711	1294	1297	1304	rVB2	62264	163836	8.22%	0.788%
85	18.300	1432	1436	1443	rVB	46589	169039	8.48%	0.813%
86	19.192	1511	1514	1516	rBV2	13113	36416	1.83%	0.175%

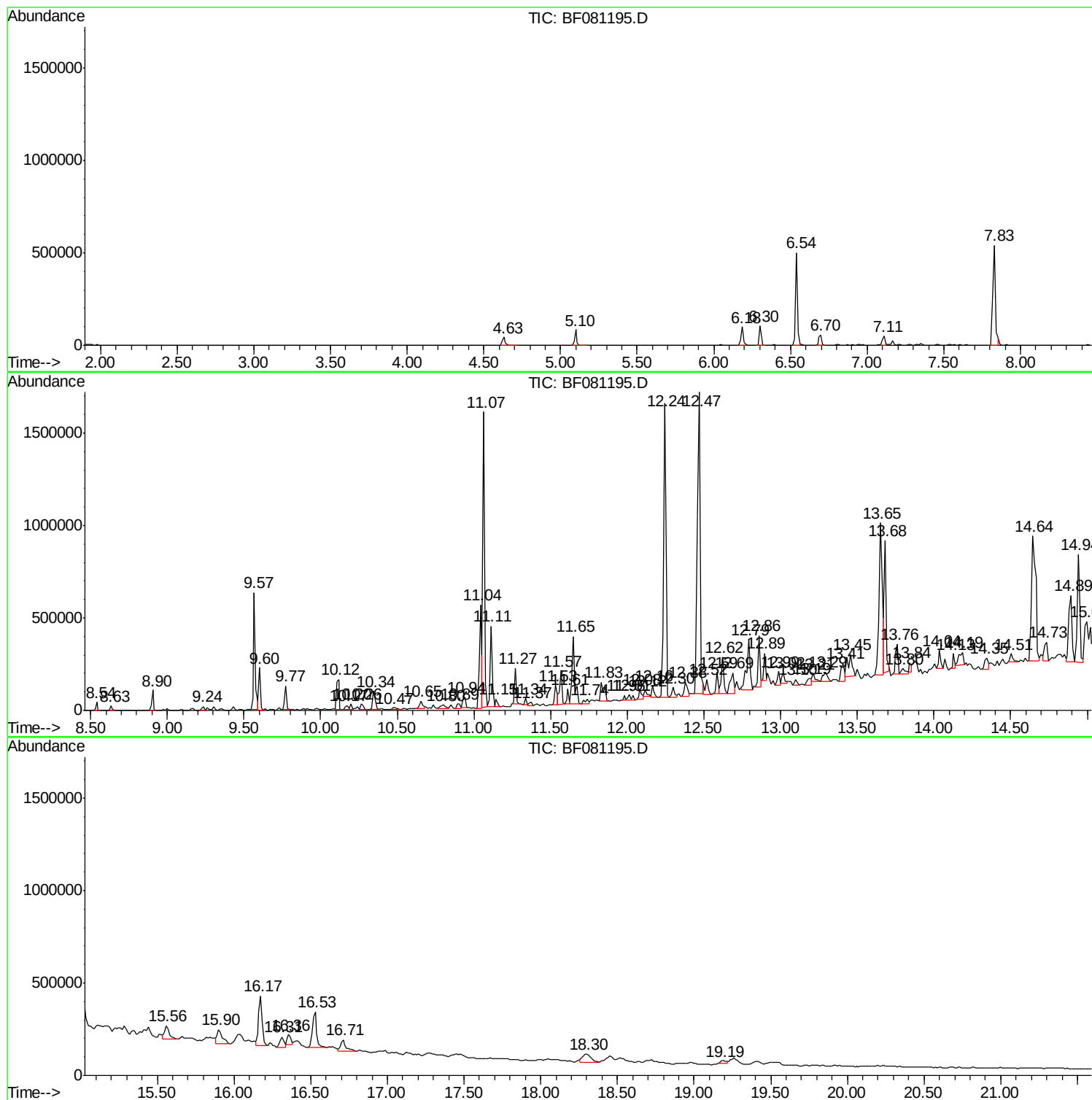
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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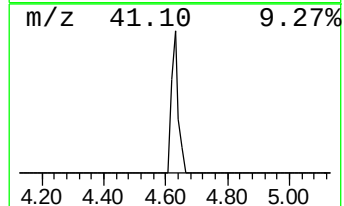
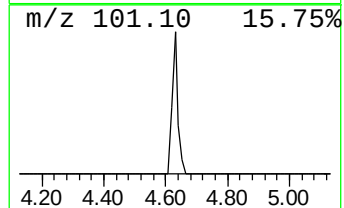
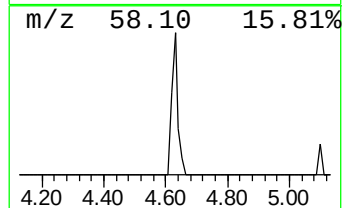
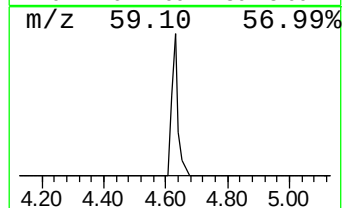
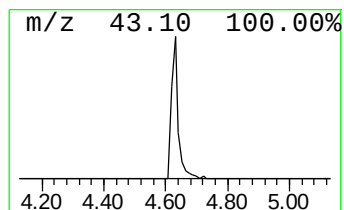
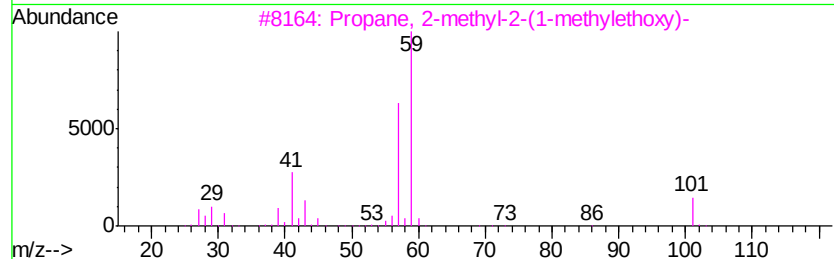
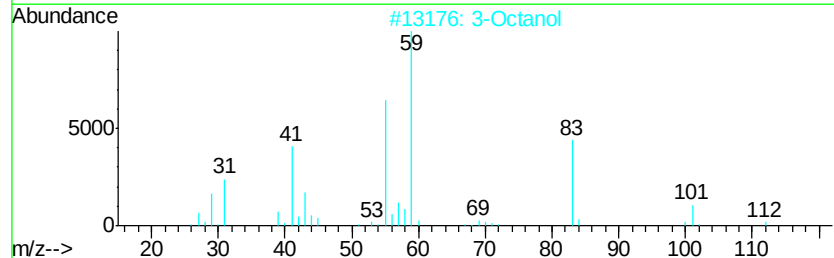
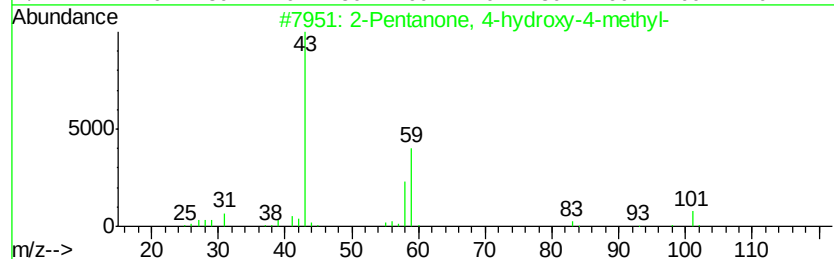
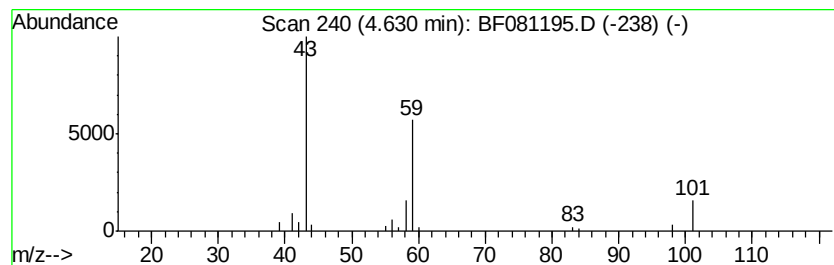
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	2.97 ng	61639	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Octanol	130	C8H18O	000589-98-0	33
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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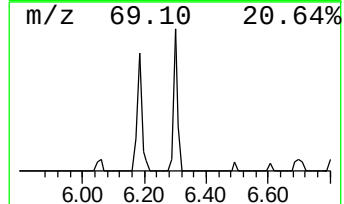
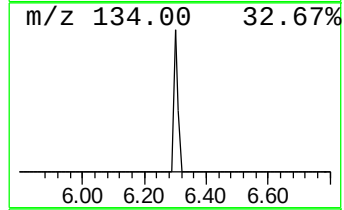
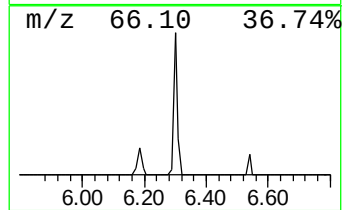
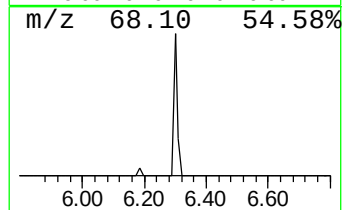
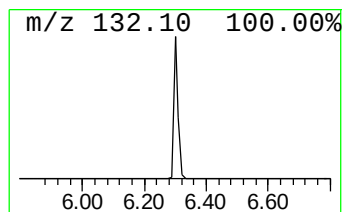
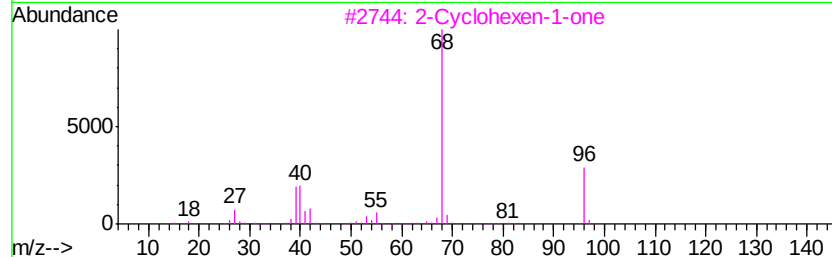
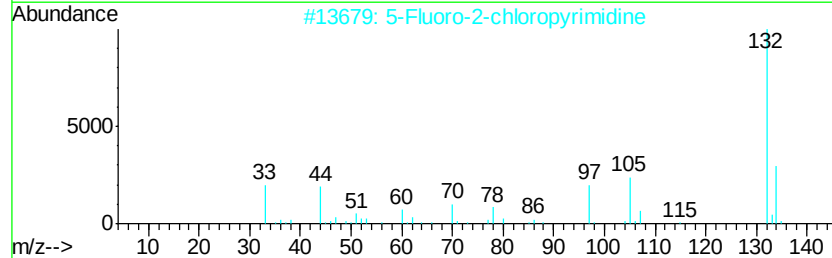
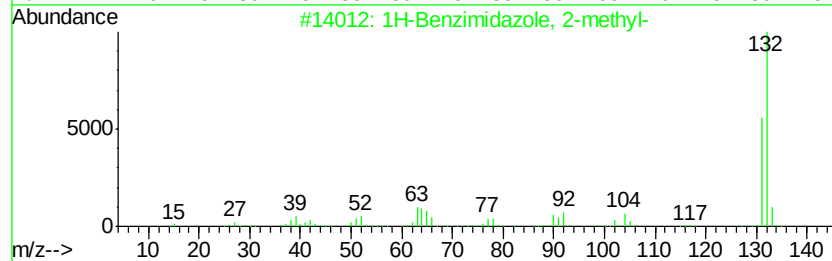
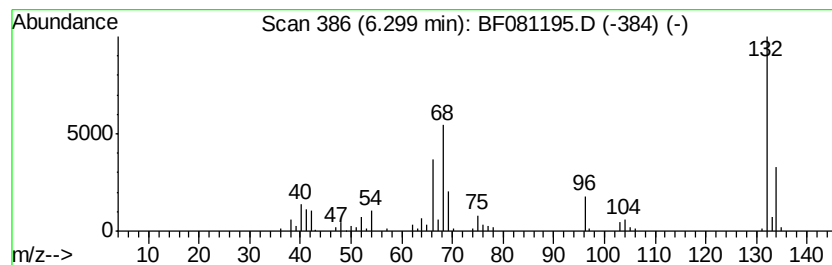
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.64 ng	96415	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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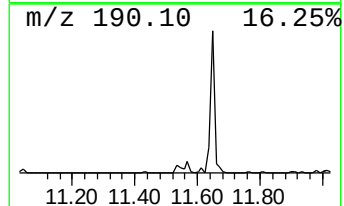
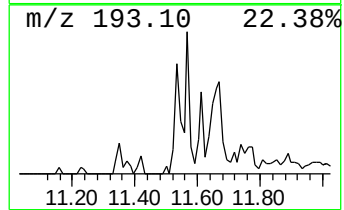
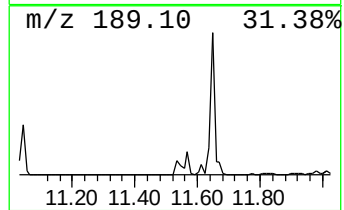
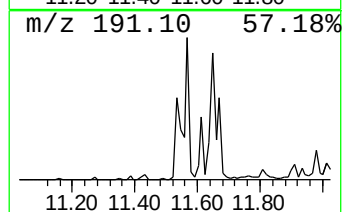
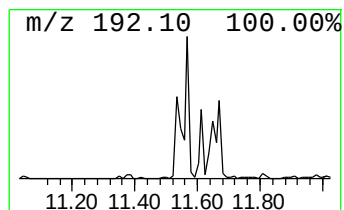
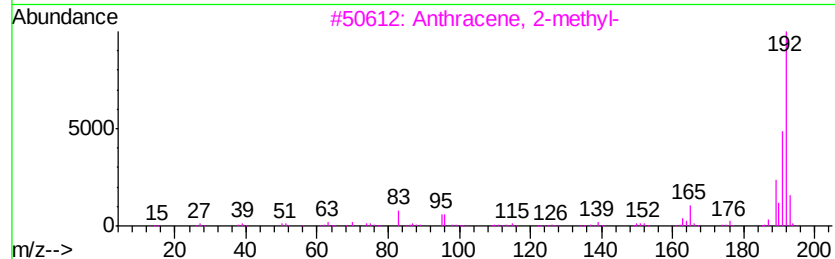
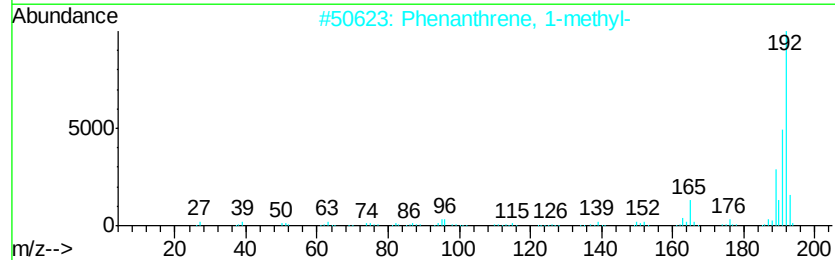
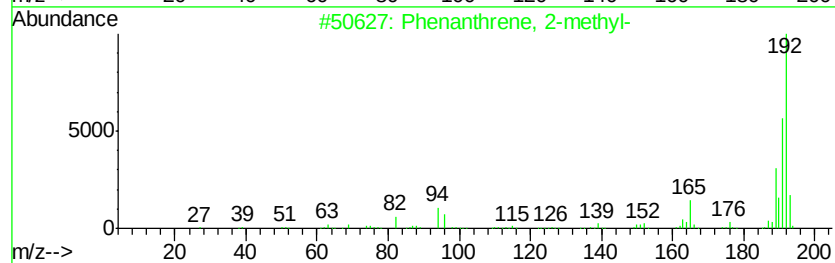
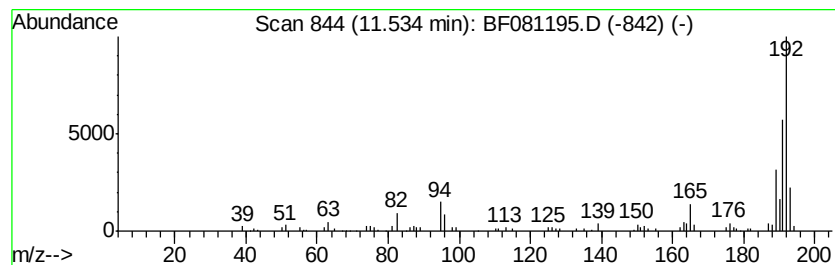
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.53	3.36 ng	120514	Phenanthrene-d10	11.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



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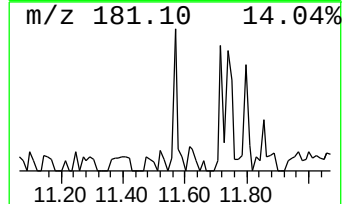
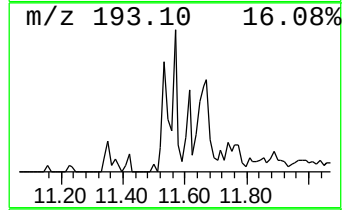
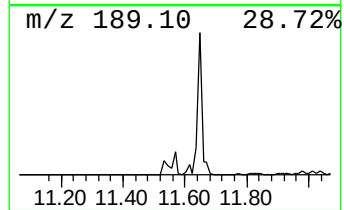
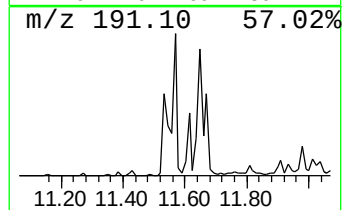
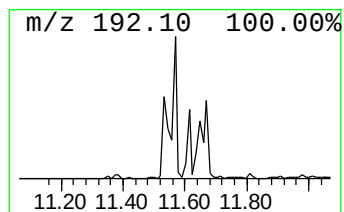
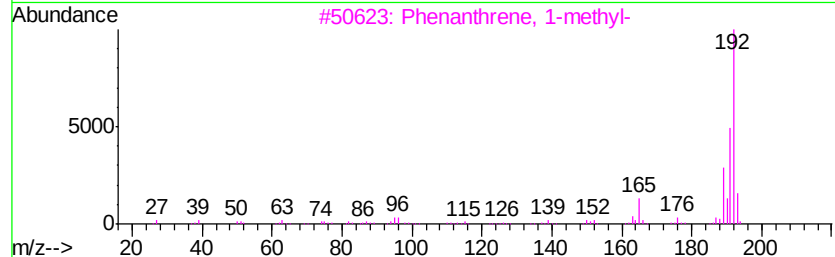
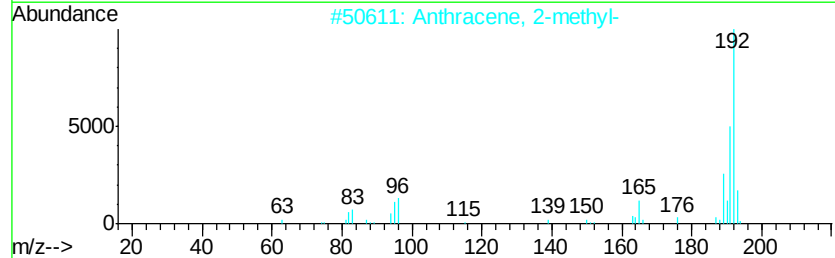
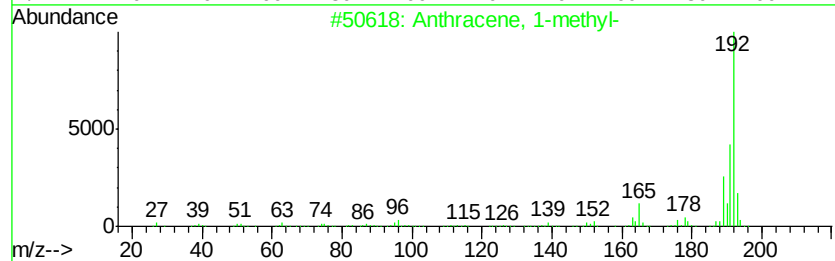
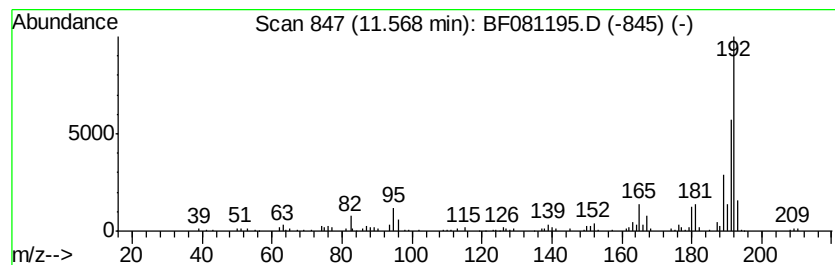
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.81 ng	172424	Phenanthrene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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Acq On : 25 Aug 2015 5:15
Operator : UM/IZ
Sample : G3387-01 10X
Misc :
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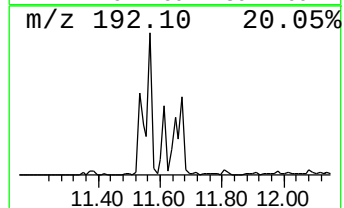
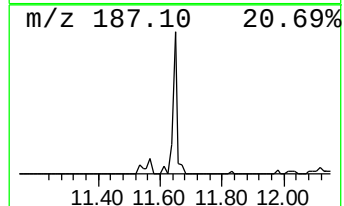
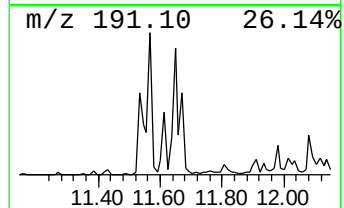
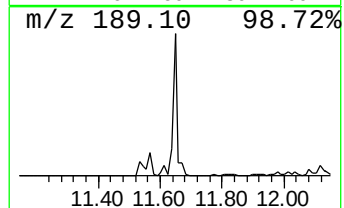
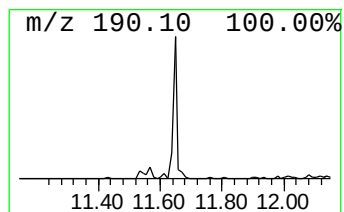
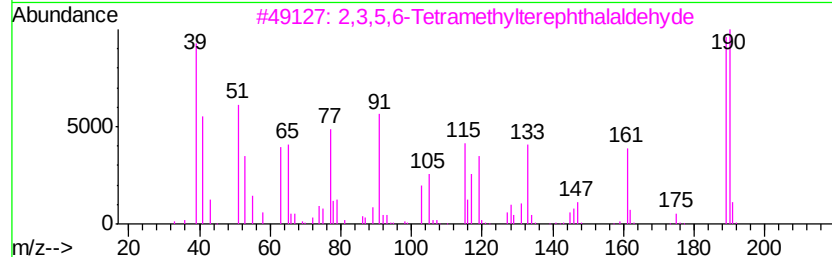
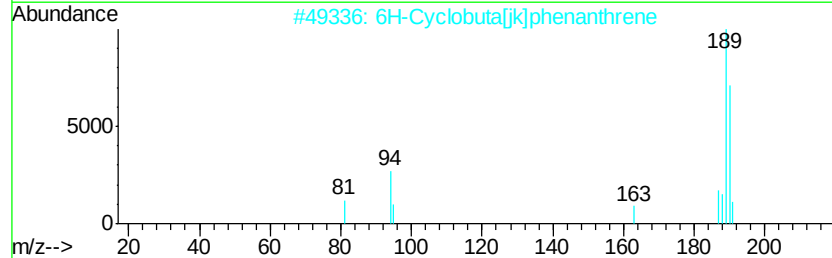
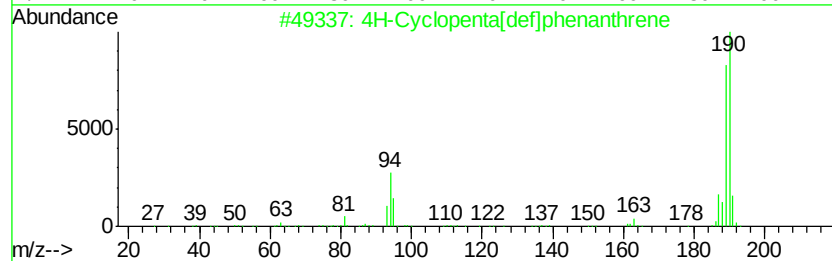
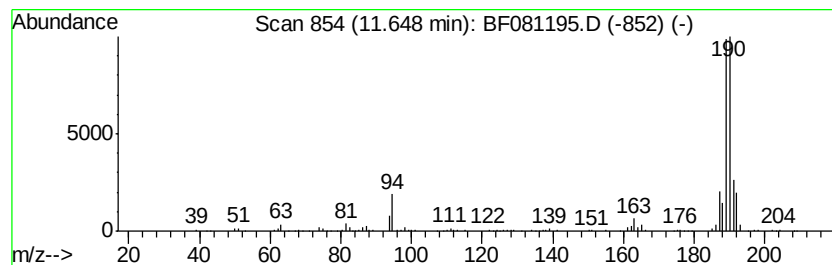
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	12.04 ng	431801	Phenanthrene-d10	11.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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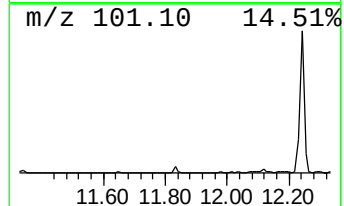
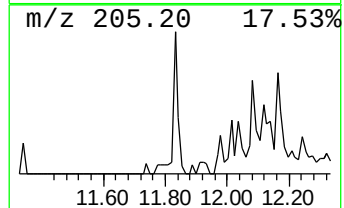
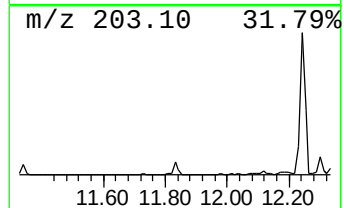
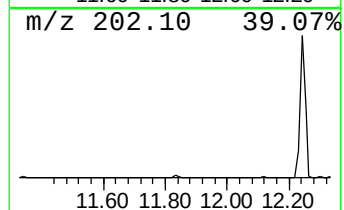
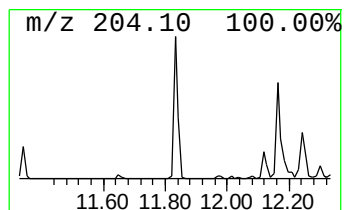
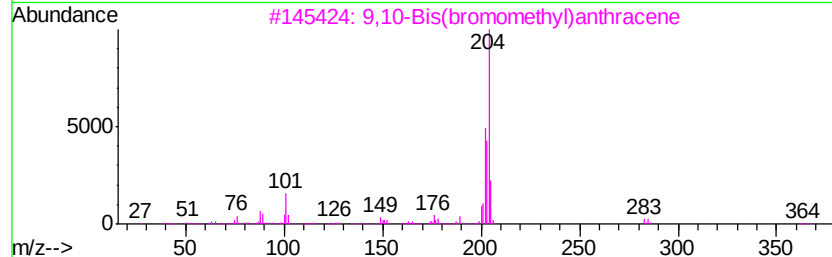
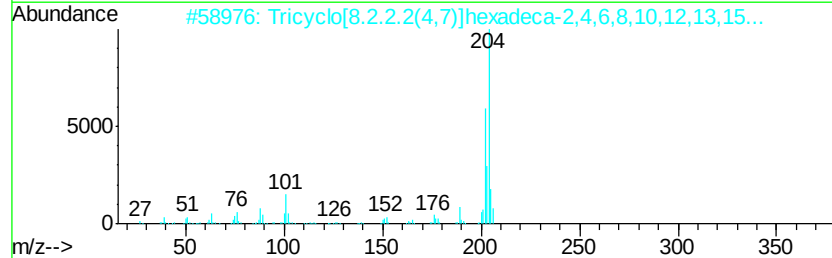
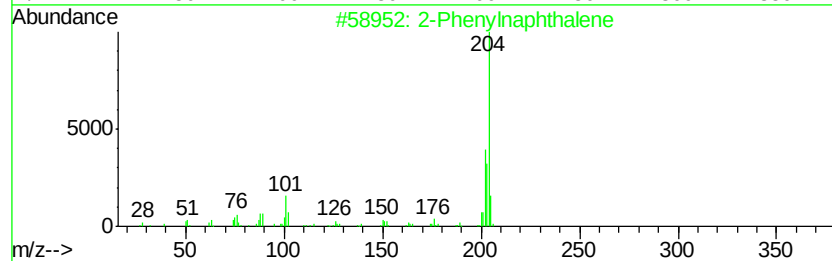
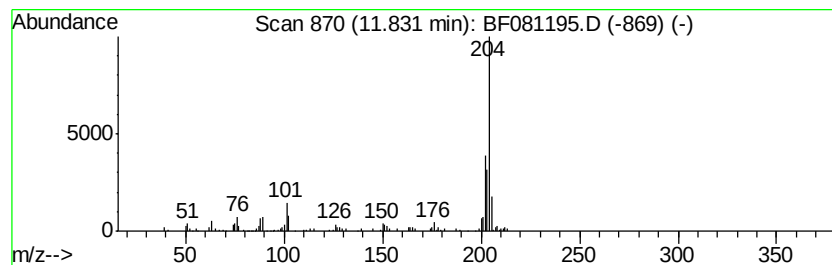
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.50 ng	161500	Phenanthrene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081195.D
Acq On : 25 Aug 2015 5:15
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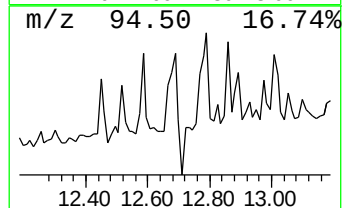
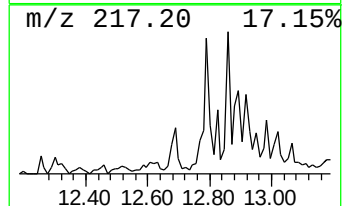
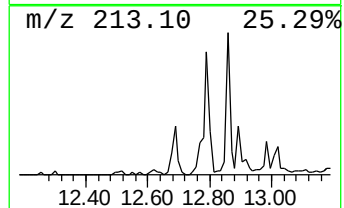
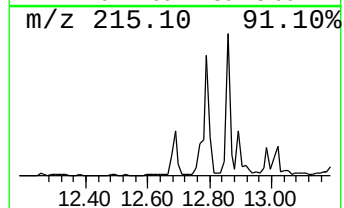
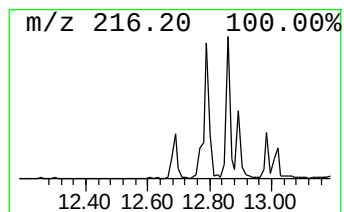
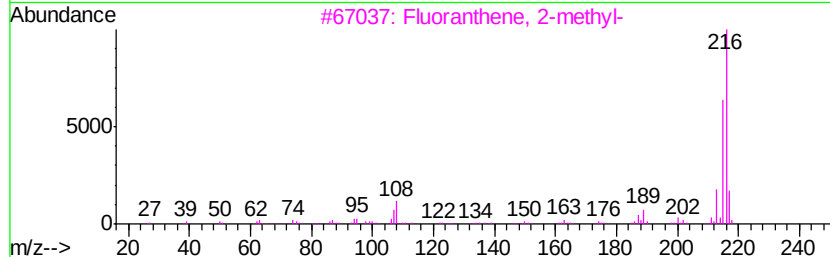
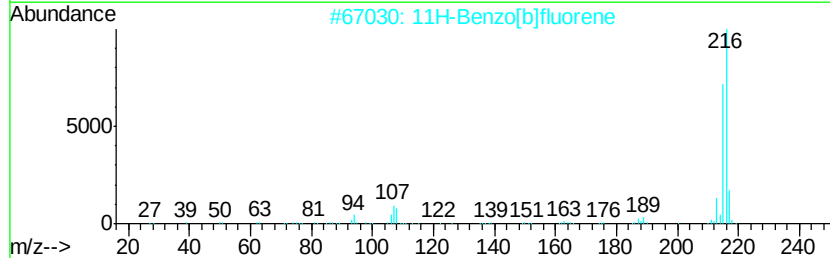
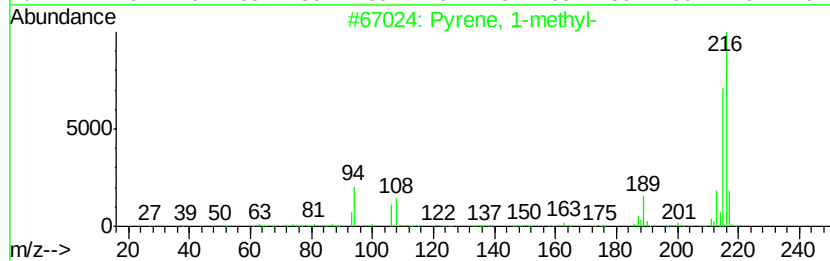
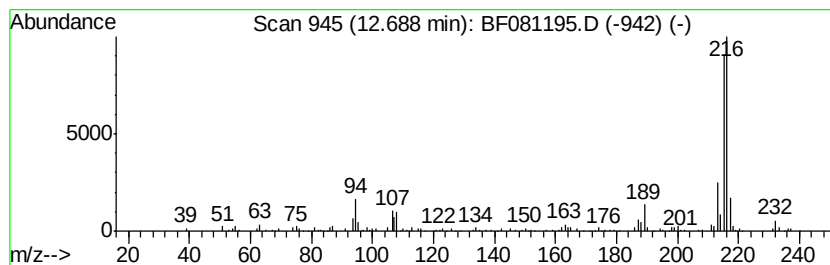
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.50 ng	181872	Chrysene-d12	13.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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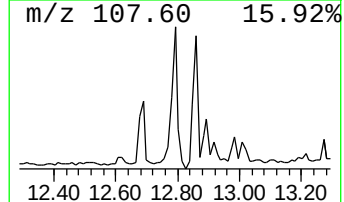
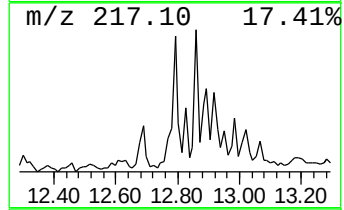
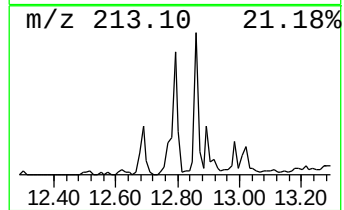
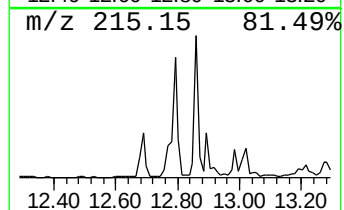
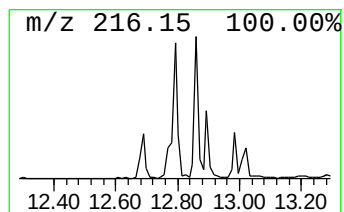
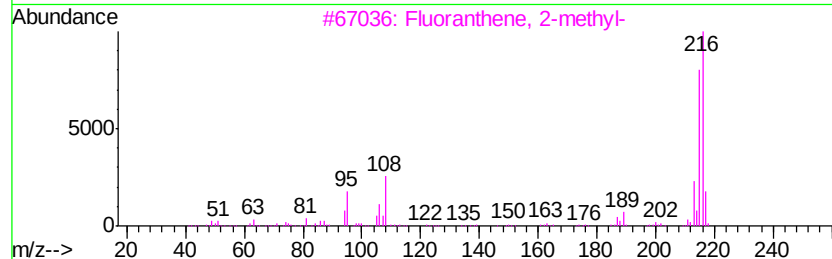
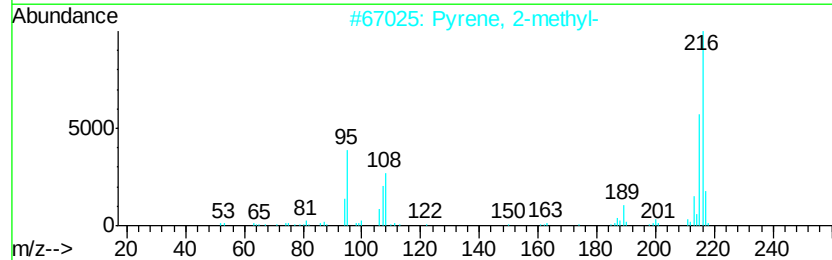
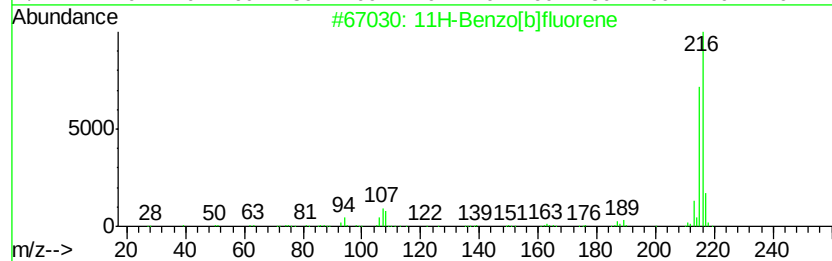
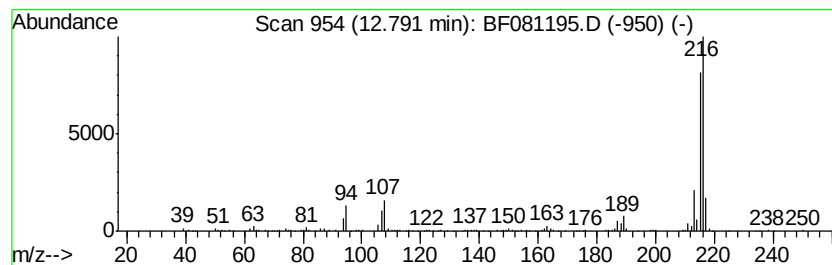
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	5.32 ng	386750	Chrysene-d12	13.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 95
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 95
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 94
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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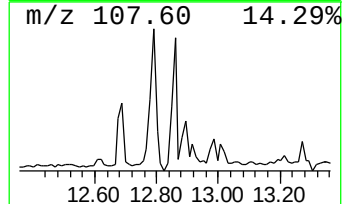
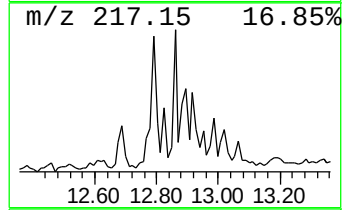
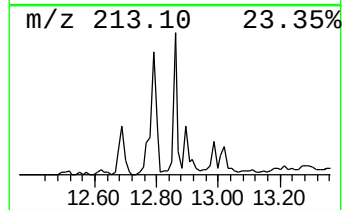
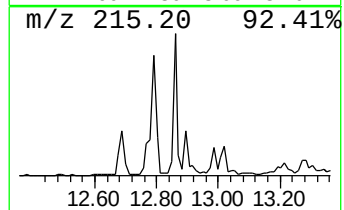
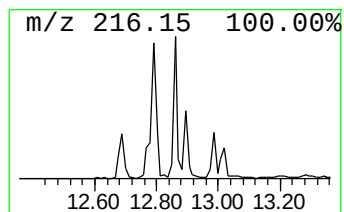
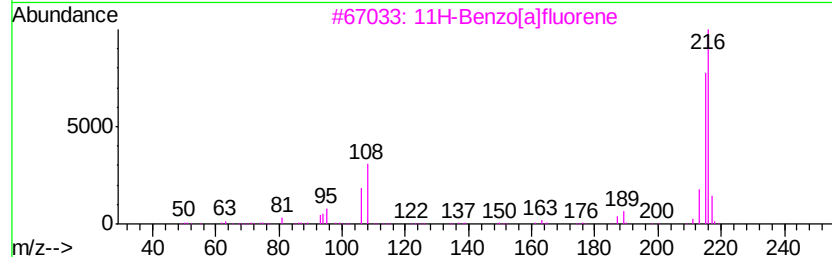
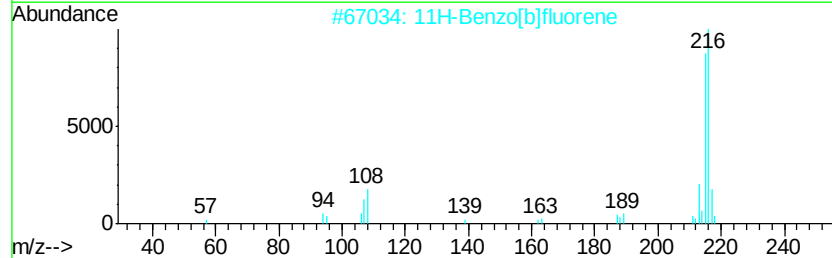
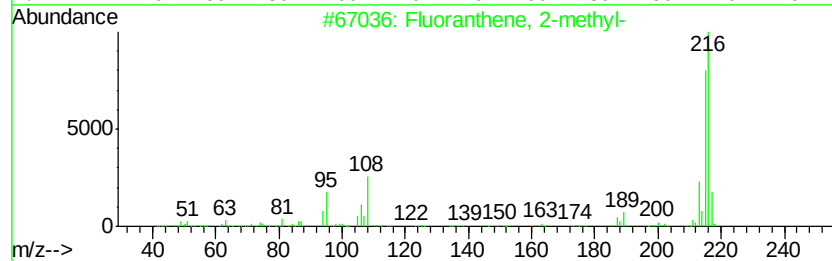
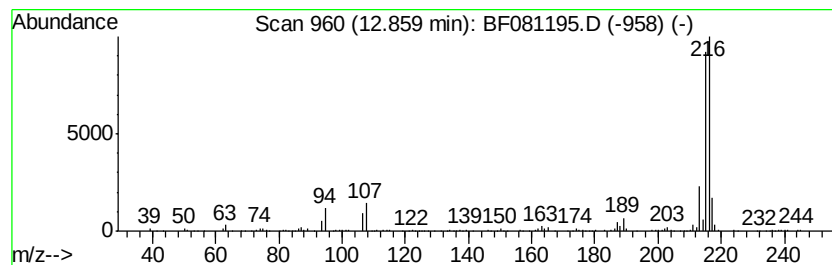
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.86	3.19 ng	232361	Chrysene-d12	13.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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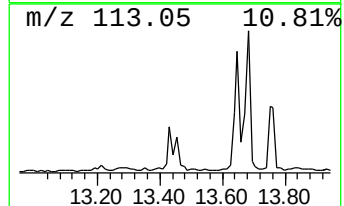
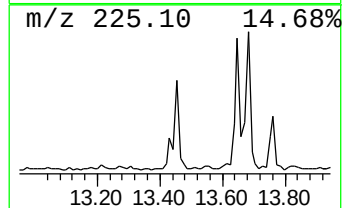
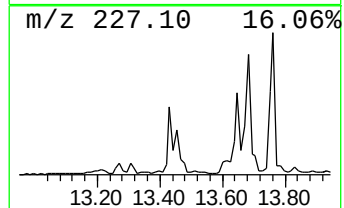
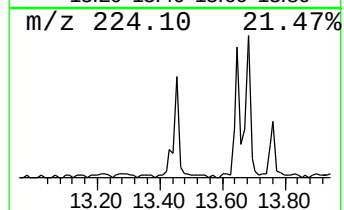
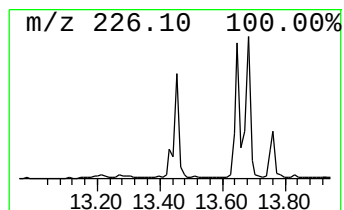
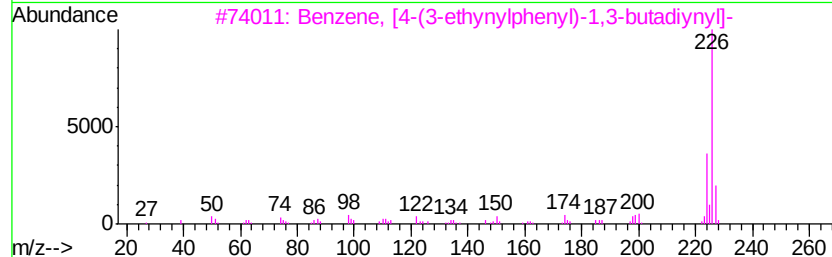
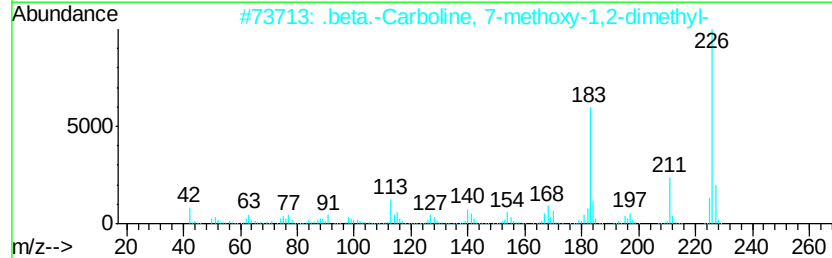
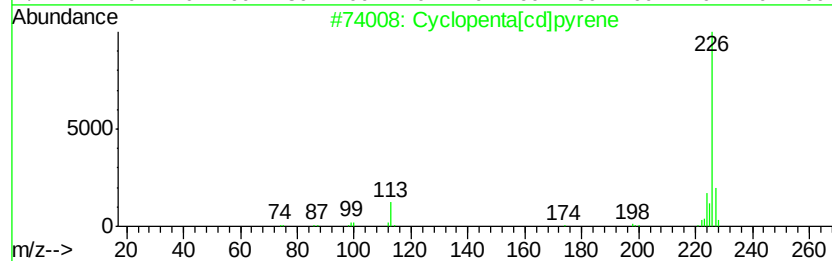
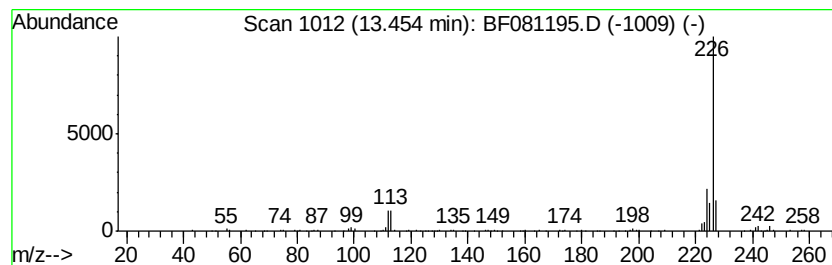
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.45	3.40 ng	247450	Chrysene-d12	13.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	74
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
3		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
4		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	36
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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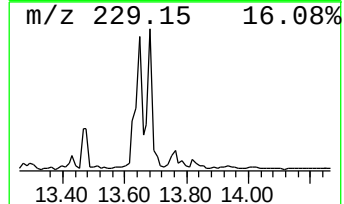
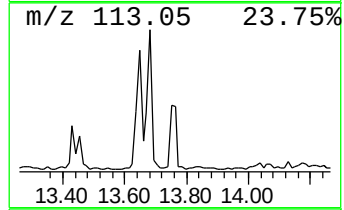
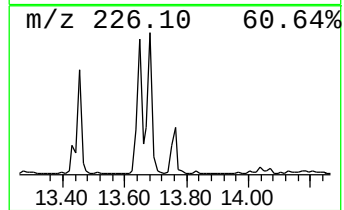
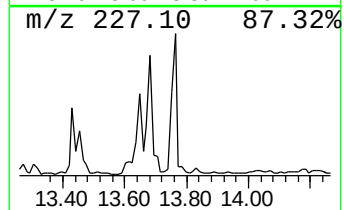
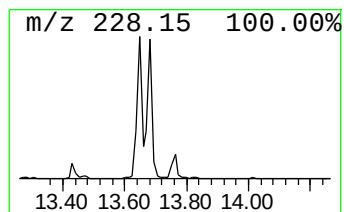
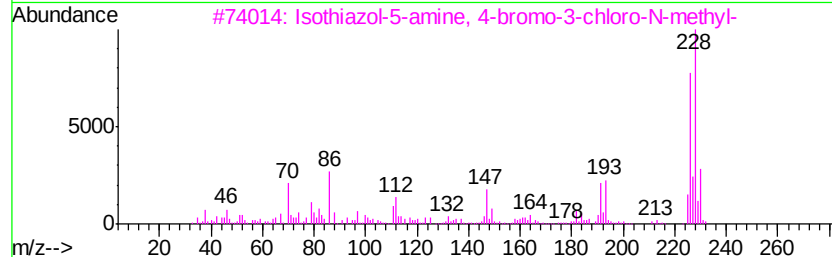
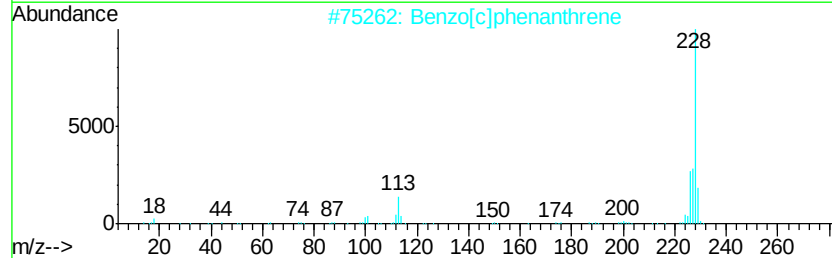
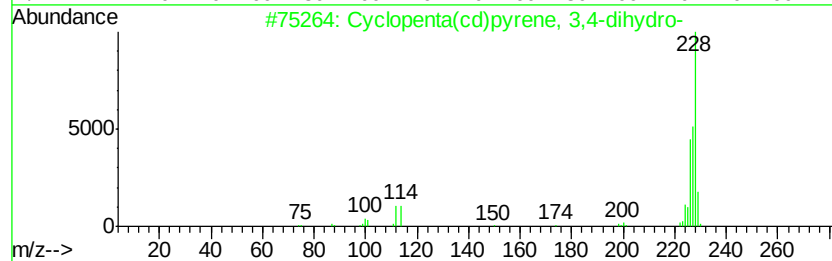
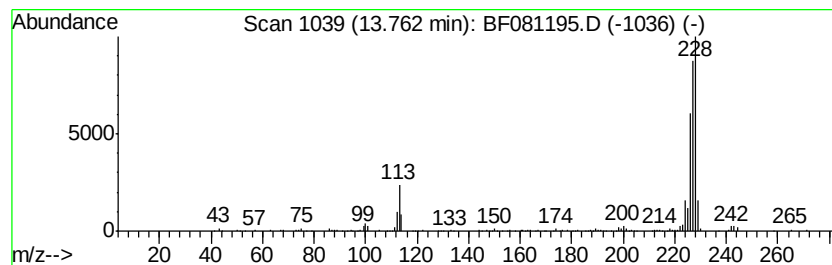
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.80 ng	204010	Chrysene-d12	13.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
4		Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	37
5		Triphenylene	228	C18H12	000217-59-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081195.D
Acq On : 25 Aug 2015 5:15
Operator : UM/IZ
Sample : G3387-01 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SS-01

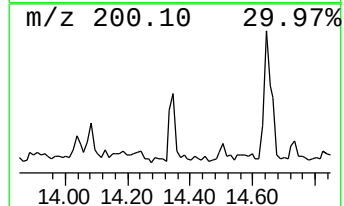
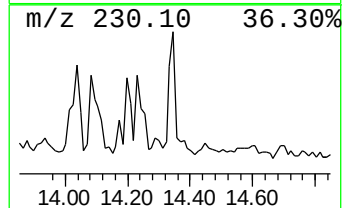
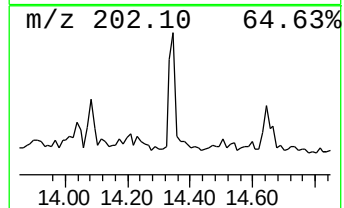
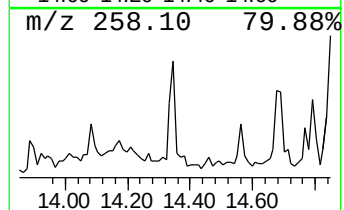
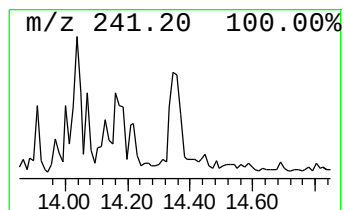
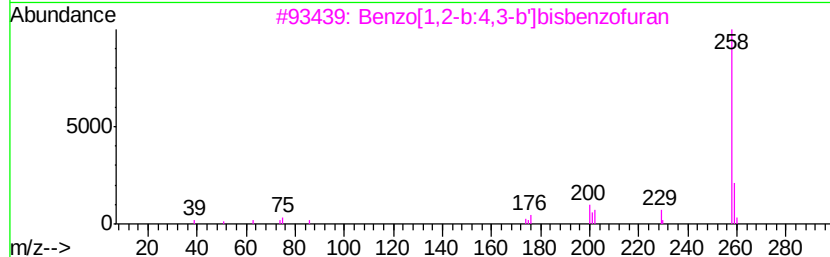
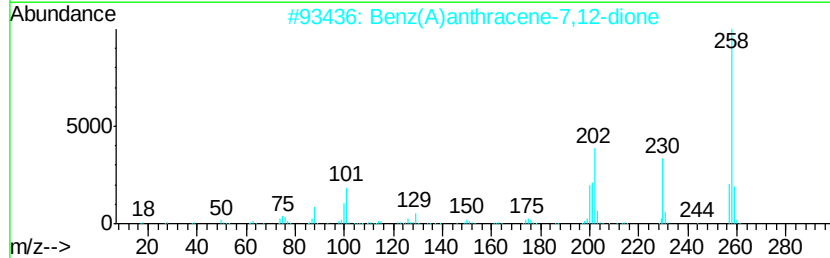
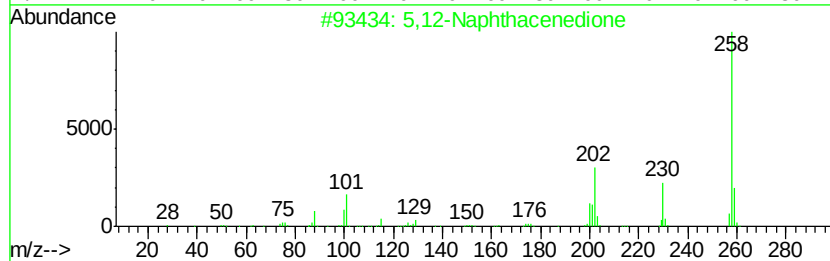
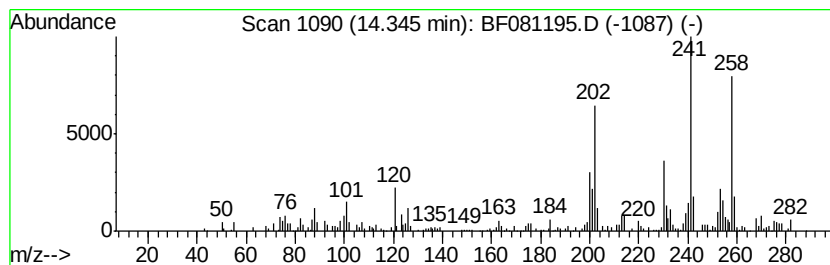
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,12-Naphthacenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.33 ng	98398	Perylene-d12	15.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	64
2			Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
3			Benzo[1,2-b:4,3-b']bisbenzofuran	258	C18H10O2	000192-93-8	27
4			5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	27
5			Iron,(5-methyl-2-furanoyl)dicarb...	286	C13H10FeO4	059308-01-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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Acq On : 25 Aug 2015 5:15
Operator : UM/IZ
Sample : G3387-01 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

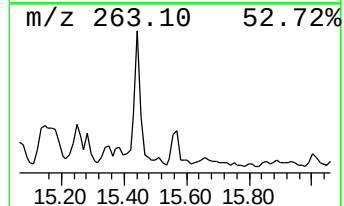
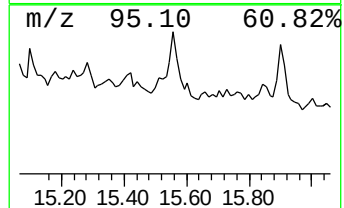
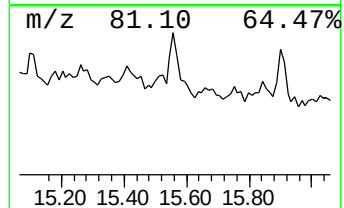
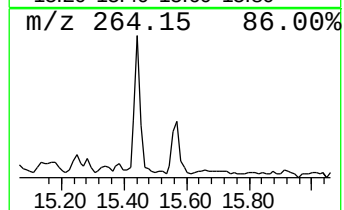
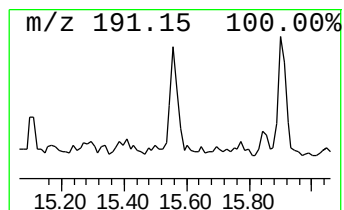
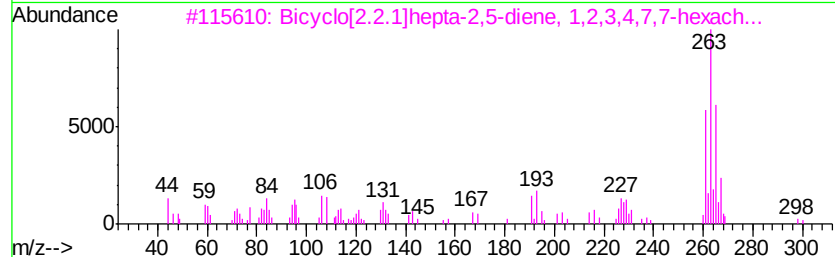
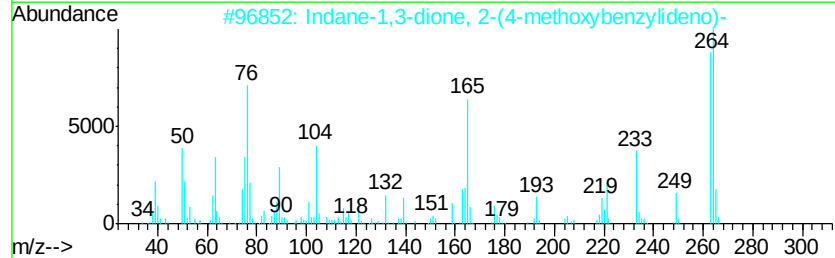
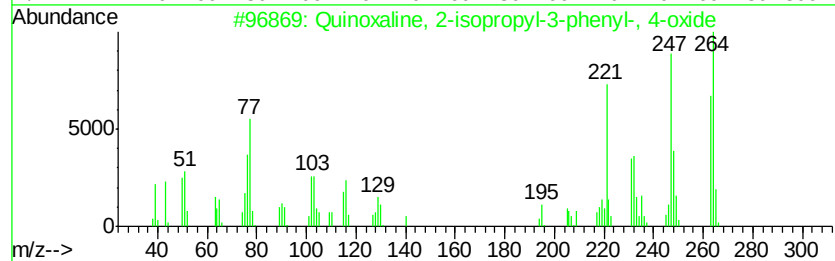
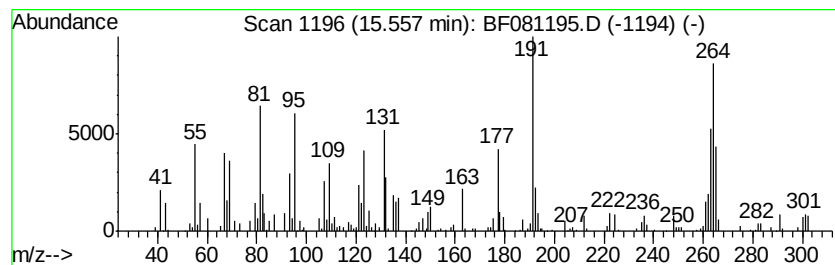
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.56	4.78 ng	141469	Perylene-d12	15.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	18
2	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	18
3	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	11
4	1,4-Naphthalenedione, 2-acetyl-3...	264	C12H8O7	003718-80-7	11
5	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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Operator : UM/IZ
Sample : G3387-01 10X
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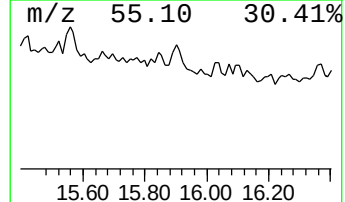
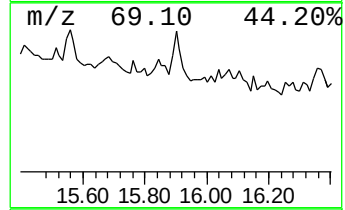
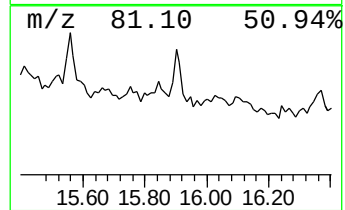
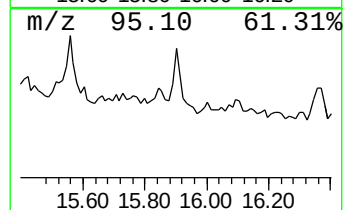
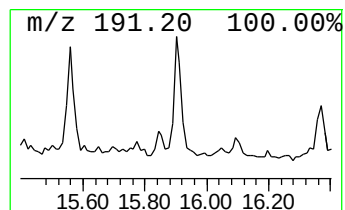
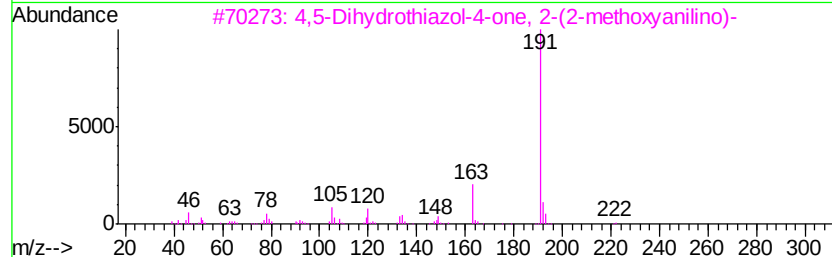
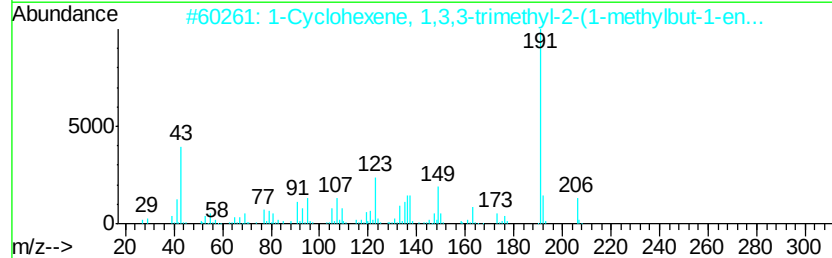
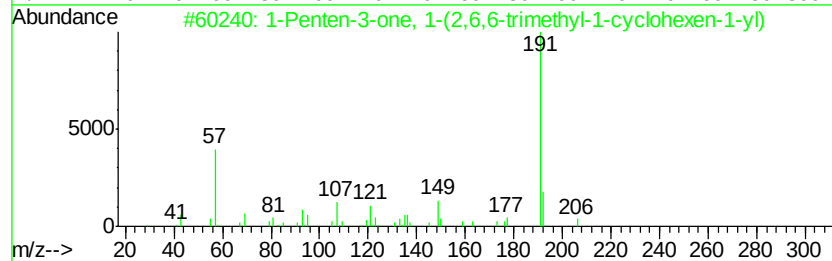
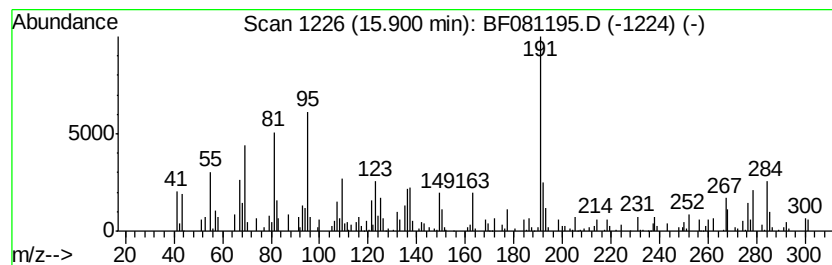
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.90	5.84 ng	172750	Perylene-d12	15.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
3	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	30
4	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	27
5	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081195.D
Acq On : 25 Aug 2015 5:15
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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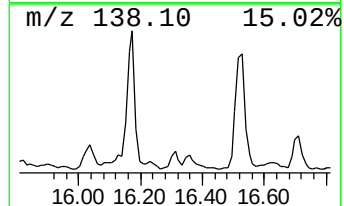
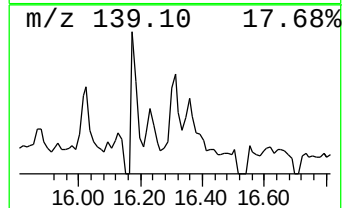
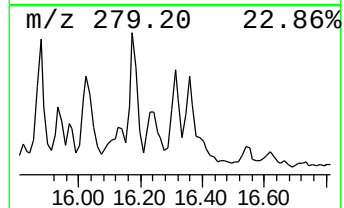
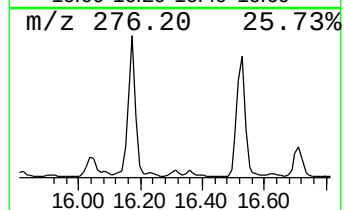
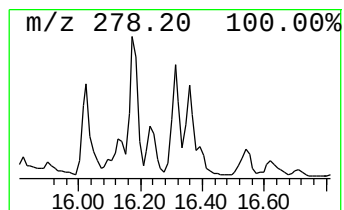
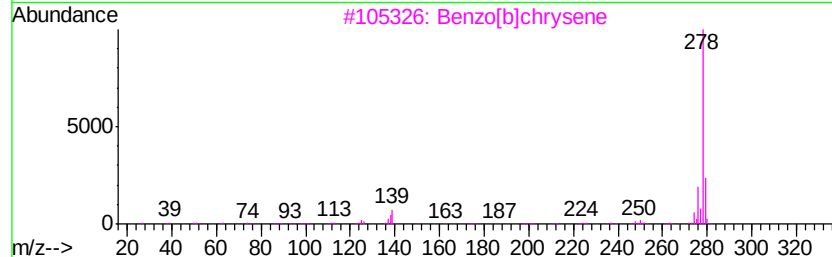
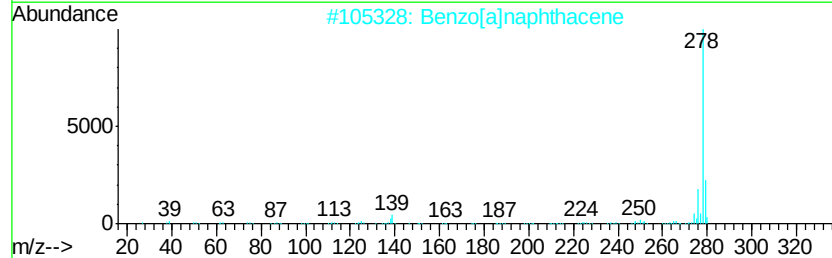
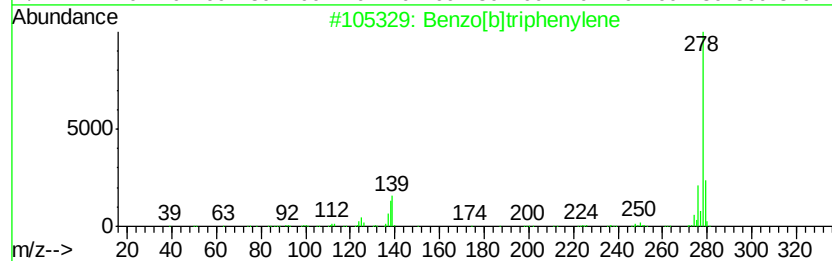
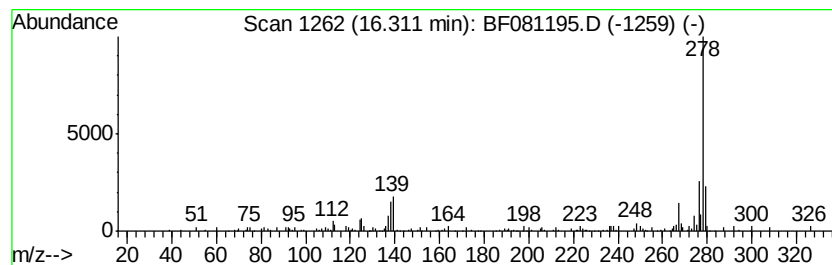
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	3.28 ng	97061	Perylene-d12	15.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	90
3		Benzo[b]chrysene	278	C22H14	000214-17-5	89
4		Pentaphene	278	C22H14	000222-93-5	89
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081195.D
Acq On : 25 Aug 2015 5:15
Operator : UM/IZ
Sample : G3387-01 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01

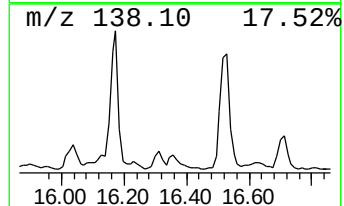
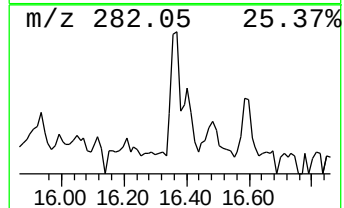
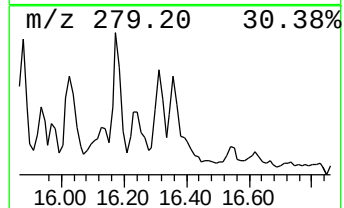
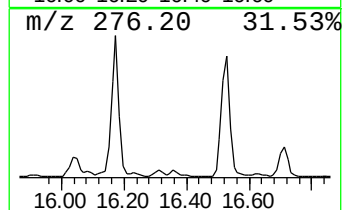
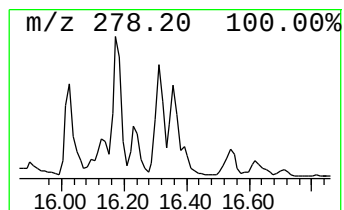
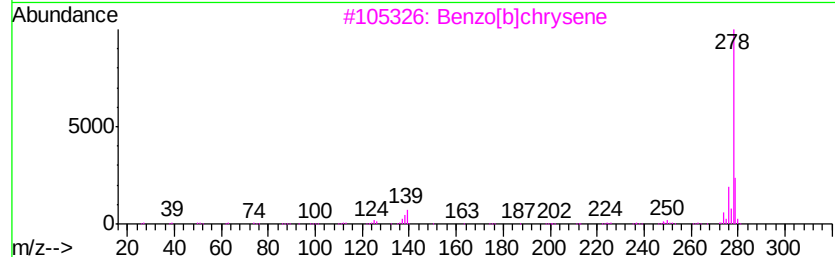
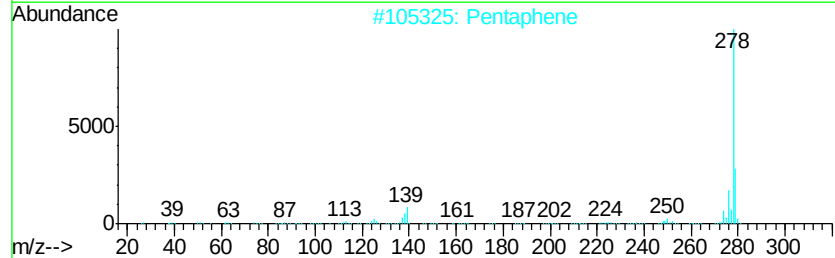
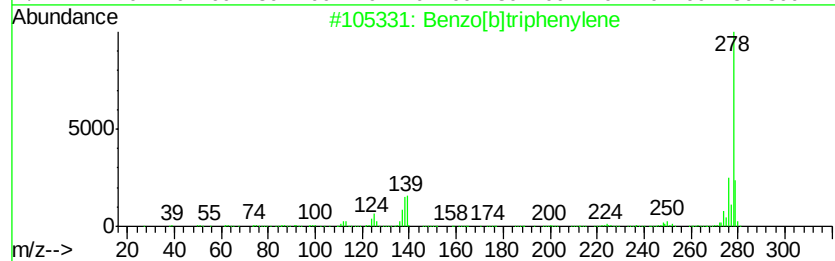
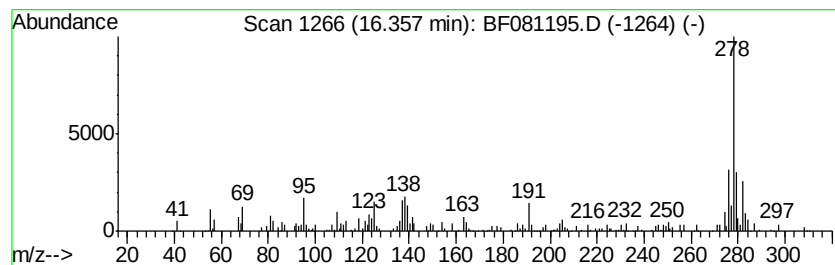
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentaphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.11 ng	91980	Perylene-d12	15.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	90
2		Pentaphene	278	C22H14	000222-93-5	53
3		Benzo[b]chrysene	278	C22H14	000214-17-5	49
4		Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	49
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
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Acq On : 25 Aug 2015 5:15
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-01

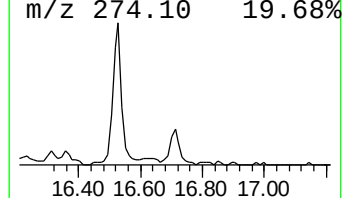
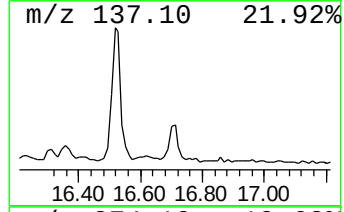
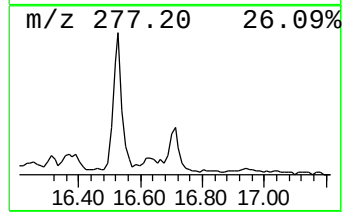
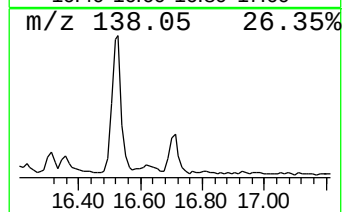
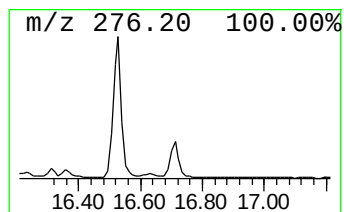
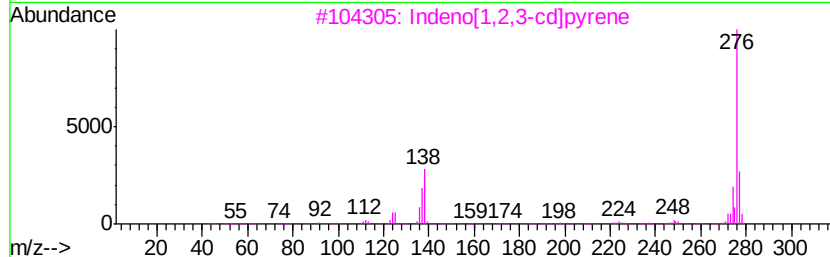
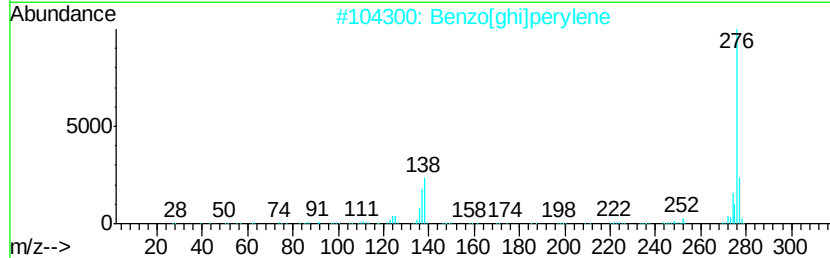
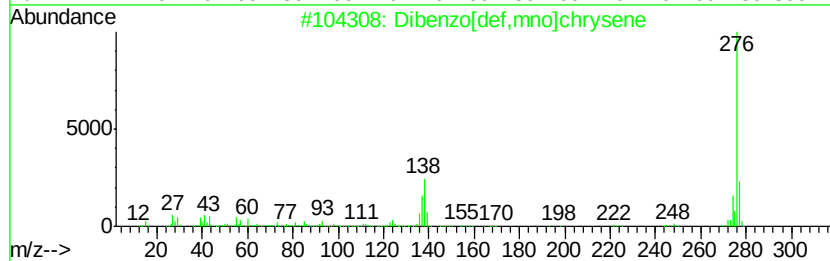
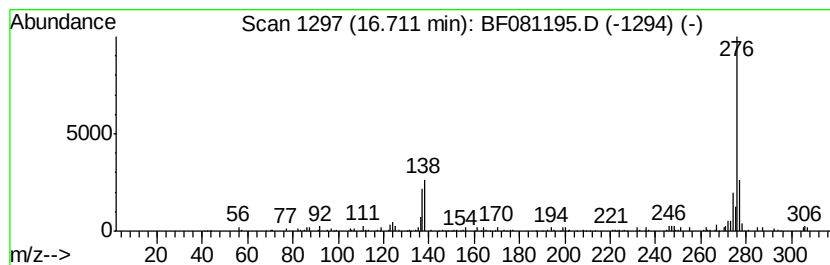
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	5.54 ng	163836	Perylene-d12	15.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081195.D
Acq On : 25 Aug 2015 5:15
Operator : UM/IZ
Sample : G3387-01 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01

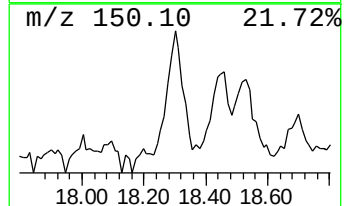
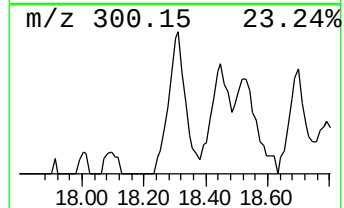
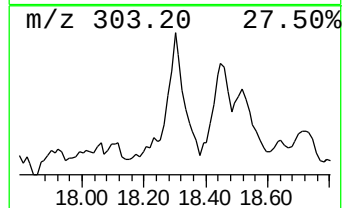
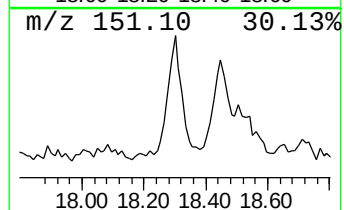
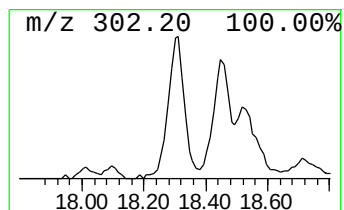
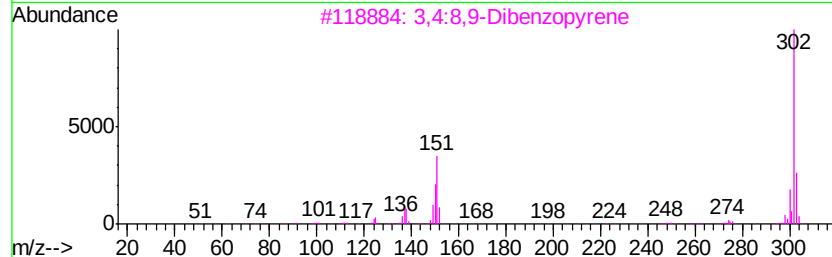
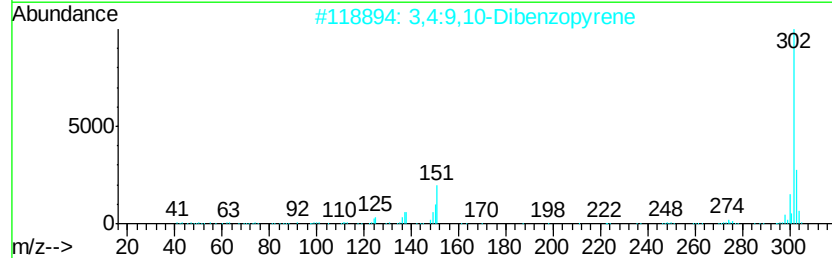
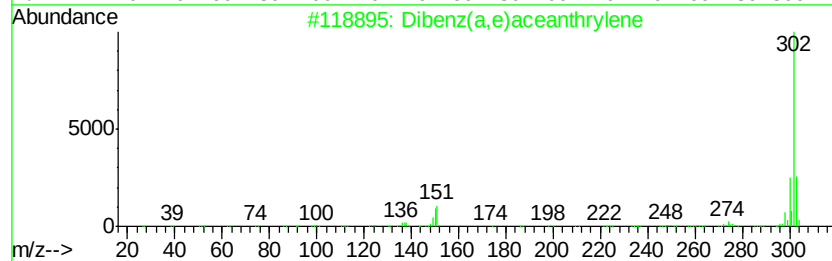
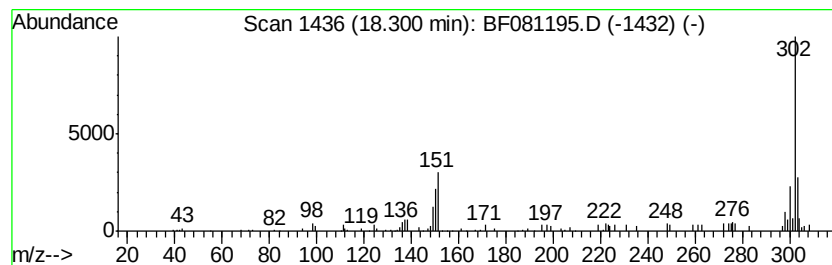
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.71 ng	169039	Perylene-d12	15.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081195.D
 Acq On : 25 Aug 2015 5:15
 Operator : UM/IZ
 Sample : G3387-01 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
2-Pentanone, 4-hy...	4.63	3.0	ng	61639	1	6.54	415565	20.0
unknown6.30	6.30	4.6	ng	96415	1	6.54	415565	20.0
Phenanthrene, 2-m...	11.53	3.4	ng	120514	4	11.04	717143	20.0
Anthracene, 1-met...	11.57	4.8	ng	172424	4	11.04	717143	20.0
4H-Cyclopenta[def...	11.65	12.0	ng	431801	4	11.04	717143	20.0
2-Phenylnaphthalene	11.83	4.5	ng	161500	4	11.04	717143	20.0
Pyrene, 1-methyl-	12.69	2.5	ng	181872	5	13.66	1455040	20.0
11H-Benzo[b]fluorene	12.79	5.3	ng	386750	5	13.66	1455040	20.0
Fluoranthene, 2-m...	12.86	3.2	ng	232361	5	13.66	1455040	20.0
Cyclopenta[cd]pyrene	13.45	3.4	ng	247450	5	13.66	1455040	20.0
Cyclopenta(cd)pyr...	13.76	2.8	ng	204010	5	13.66	1455040	20.0
5,12-Naphthacened...	14.35	3.3	ng	98398	6	15.00	591668	20.0
unknown15.56	15.56	4.8	ng	141469	6	15.00	591668	20.0
unknown15.90	15.90	5.8	ng	172750	6	15.00	591668	20.0
Benzo[b]triphenylene	16.31	3.3	ng	97061	6	15.00	591668	20.0
Pentaphene	16.36	3.1	ng	91980	6	15.00	591668	20.0
Dibenzo[def,mno]c...	16.71	5.5	ng	163836	6	15.00	591668	20.0
Dibenz(a,e)aceant...	18.30	5.7	ng	169039	6	15.00	591668	20.0