

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092662.D
 Acq On : 31 Jan 2017 4:22
 Operator : SJ/MA
 Sample : I1531-04 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

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-BF013017.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	4.830	238	240	247	rVB	16187	32280	1.04%	0.067%
2	5.150	265	268	276	rBV	1132022	1406190	45.50%	2.899%
3	5.573	303	305	308	rBV	2890717	2866427	92.75%	5.909%
4	6.201	357	360	363	rBV3	19767	37398	1.21%	0.077%
5	6.453	378	382	383	rVB3	19304	30925	1.00%	0.064%
6	6.487	383	385	388	rBV3	41876	76404	2.47%	0.158%
7	6.556	388	391	393	rBV3	17951	37292	1.21%	0.077%
8	6.601	393	395	398	rVV	2449195	2872435	92.95%	5.922%
9	6.693	401	403	404	rBV2	20930	35458	1.15%	0.073%
10	6.739	404	407	409	rVB	2404587	3040361	98.38%	6.268%
11	6.796	409	412	413	rBV2	72238	99605	3.22%	0.205%
12	6.921	418	423	424	rBV4	17403	35366	1.14%	0.073%
13	6.967	424	427	429	rBV	762637	1069992	34.62%	2.206%
14	7.024	429	432	433	rVB	28397	33950	1.10%	0.070%
15	7.116	438	440	443	rVV	2285138	2306240	74.63%	4.755%
16	7.230	448	450	452	rVV2	57642	97240	3.15%	0.200%
17	7.264	452	453	454	rVV	35755	46337	1.50%	0.096%
18	7.299	454	456	458	rVV2	48764	75991	2.46%	0.157%
19	7.356	458	461	466	rVV4	64430	134780	4.36%	0.278%
20	7.459	466	470	471	rVV3	15070	40129	1.30%	0.083%
21	7.527	473	476	478	rVV	1869466	1800047	58.25%	3.711%
22	7.562	478	479	481	rVV	123758	108285	3.50%	0.223%
23	7.607	481	483	485	rVV2	46220	81124	2.63%	0.167%
24	7.653	485	487	491	rVV4	22417	66980	2.17%	0.138%
25	7.722	491	493	496	rVV3	32173	66131	2.14%	0.136%
26	7.767	496	497	502	rVB3	29446	32952	1.07%	0.068%
27	7.996	513	517	520	rBV4	33946	69953	2.26%	0.144%
28	8.247	537	539	543	rVB	1026742	1435000	46.43%	2.958%
29	8.967	600	602	603	rVB	85235	66738	2.16%	0.138%
30	9.070	609	611	612	rVB	48186	63046	2.04%	0.130%
31	9.333	631	634	636	rBV	2885313	3090435	100.00%	6.371%
32	9.596	654	657	659	rBV	59262	79498	2.57%	0.164%
33	9.665	661	663	666	rVV	98147	144440	4.67%	0.298%
34	9.722	666	668	670	rVV	446875	388681	12.58%	0.801%

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35	9.779	670	673	678	rVB	42322	91555	2.96%	0.189%
36	9.870	678	681	683	rBV	116687	127550	4.13%	0.263%
37	9.916	683	685	690	rVB2	65352	126956	4.11%	0.262%
38	10.007	691	693	695	rVV	1434688	1286139	41.62%	2.652%
39	10.042	695	696	698	rVV	365834	275478	8.91%	0.568%
40	10.110	700	702	704	rBV	37050	50323	1.63%	0.104%
41	10.167	704	707	708	rBV2	48971	61336	1.98%	0.126%
42	10.213	708	711	713	rVB	172097	172200	5.57%	0.355%
43	10.248	713	714	716	rBV2	54038	52648	1.70%	0.109%
44	10.328	719	721	722	rBV	66322	78635	2.54%	0.162%
45	10.430	726	730	732	rVB2	106011	174622	5.65%	0.360%
46	10.556	738	741	744	rBV	295967	285150	9.23%	0.588%
47	10.625	744	747	748	rBV	83005	138851	4.49%	0.286%
48	10.716	752	755	758	rVB3	77361	109542	3.54%	0.226%
49	10.796	760	762	764	rVV2	1207493	1360876	44.04%	2.806%
50	10.830	764	765	768	rVB2	33484	52539	1.70%	0.108%
51	10.922	770	773	776	rBV3	138734	226812	7.34%	0.468%
52	10.990	777	779	781	rBV2	34485	62907	2.04%	0.130%
53	11.105	786	789	790	rBV2	108085	163001	5.27%	0.336%
54	11.128	790	791	793	rVB	60583	78807	2.55%	0.162%
55	11.230	798	800	801	rBV2	58633	82355	2.66%	0.170%
56	11.299	805	806	808	rVB2	78367	70061	2.27%	0.144%
57	11.356	808	811	812	rBV2	170667	206291	6.68%	0.425%
58	11.390	812	814	817	rVB	147274	160077	5.18%	0.330%
59	11.493	821	823	824	rBV	800965	1037110	33.56%	2.138%
60	11.528	824	826	827	rVV	1582156	1710608	55.35%	3.527%
61	11.573	827	830	832	rVV	704098	597501	19.33%	1.232%
62	11.608	832	833	834	rVB	67124	48757	1.58%	0.101%
63	11.733	842	844	847	rVB	112838	111674	3.61%	0.230%
64	11.791	847	849	851	rVB2	80669	104818	3.39%	0.216%
65	11.825	851	852	855	rBV2	62258	83164	2.69%	0.171%
66	11.996	865	867	868	rBV	248664	252098	8.16%	0.520%
67	12.031	868	870	872	rVV	345794	351624	11.38%	0.725%
68	12.076	872	874	875	rVV	188258	186756	6.04%	0.385%
69	12.111	875	877	881	rVB2	441902	642280	20.78%	1.324%
70	12.293	891	893	894	rBV	200089	163978	5.31%	0.338%
71	12.442	904	906	907	rBV2	74984	65765	2.13%	0.136%

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72	12.476	907	909	910	rVV	85920	65112	2.11%	0.134%
73	12.545	913	915	917	rBV	170095	252980	8.19%	0.522%
74	12.579	917	918	921	rVV2	95746	169961	5.50%	0.350%
75	12.636	921	923	926	rVB2	136368	140649	4.55%	0.290%
76	12.716	927	930	932	rVV	2539715	2311077	74.78%	4.765%
77	12.773	932	935	937	rVV2	55511	92554	2.99%	0.191%
78	12.945	947	950	952	rBV	2381993	2667963	86.33%	5.500%
79	13.082	960	962	965	rVB	2212748	2119197	68.57%	4.369%
80	13.162	966	969	971	rBV2	174456	319613	10.34%	0.659%
81	13.265	977	978	980	rVB	279737	296375	9.59%	0.611%
82	13.334	983	984	985	rVV	192058	164577	5.33%	0.339%
83	13.368	985	987	991	rVB3	174180	335741	10.86%	0.692%
84	13.939	1036	1037	1039	rBV2	290502	315219	10.20%	0.650%
85	14.134	1051	1054	1056	rBV2	1253211	2180868	70.57%	4.496%
86	15.185	1144	1146	1150	rVB	620593	1190481	38.52%	2.454%
87	15.494	1171	1173	1176	rVB	426285	577940	18.70%	1.191%
88	15.562	1176	1179	1182	rVV	454114	824176	26.67%	1.699%
89	15.619	1182	1184	1191	rVB2	535405	1058044	34.24%	2.181%
90	16.077	1222	1224	1228	rVB	222432	317196	10.26%	0.654%
91	17.105	1311	1314	1319	rVB2	181387	386995	12.52%	0.798%

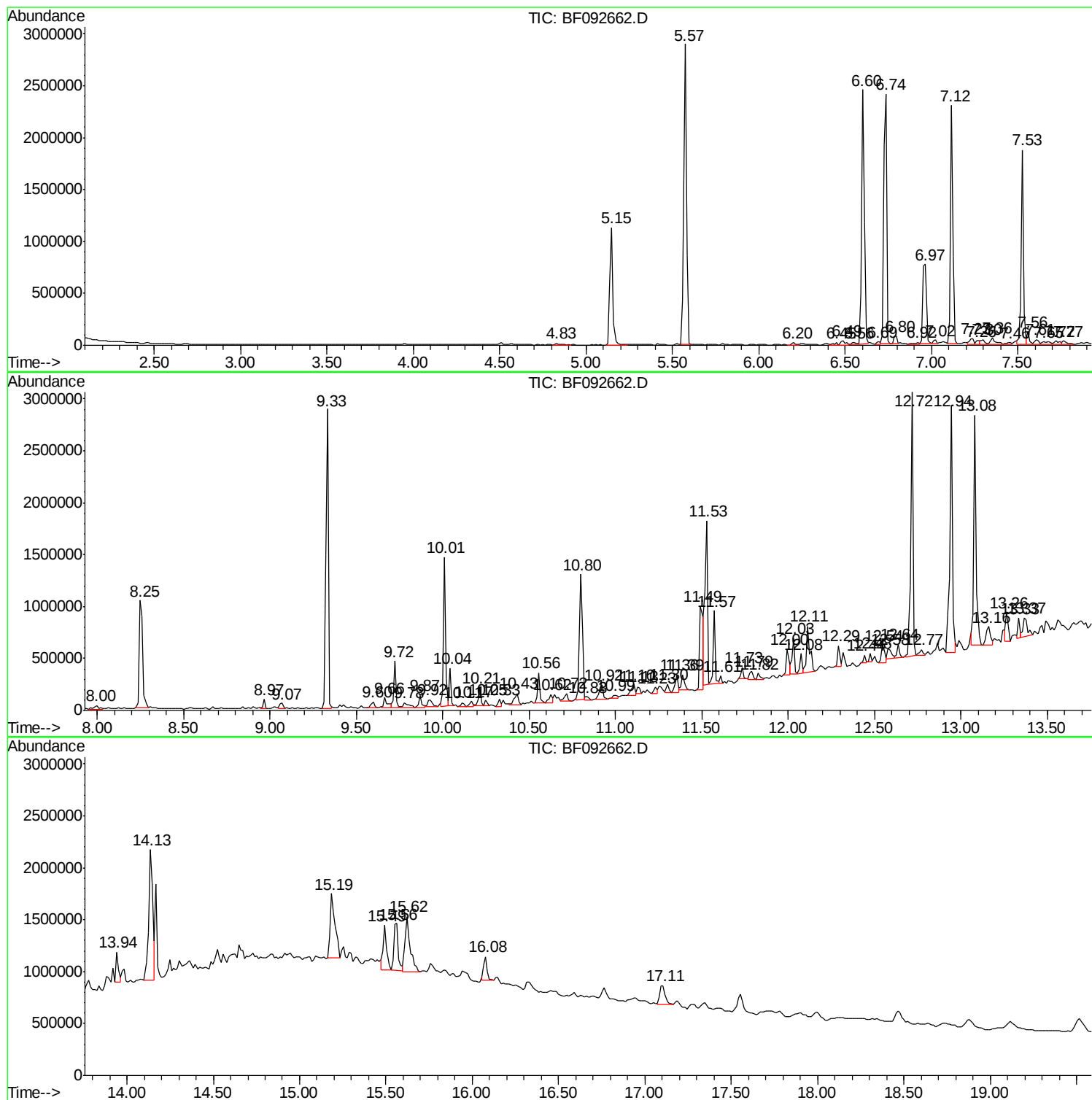
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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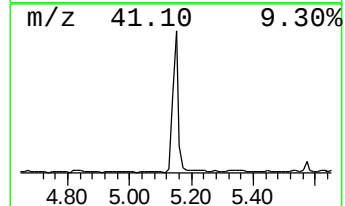
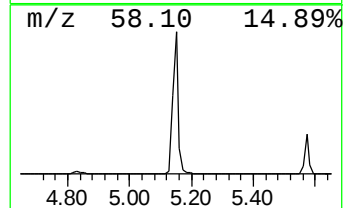
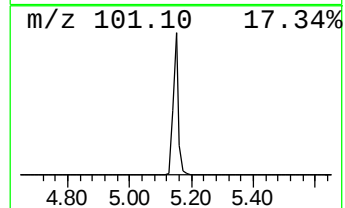
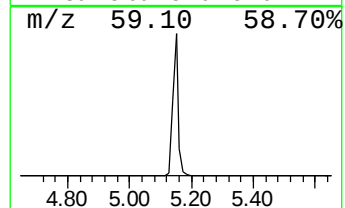
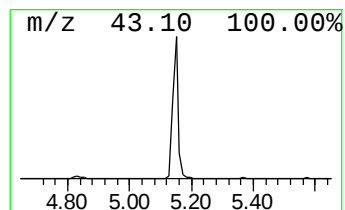
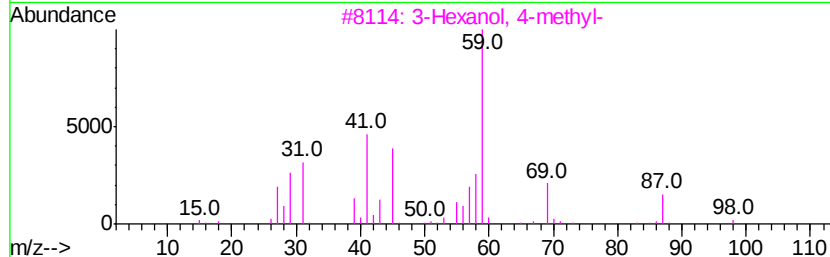
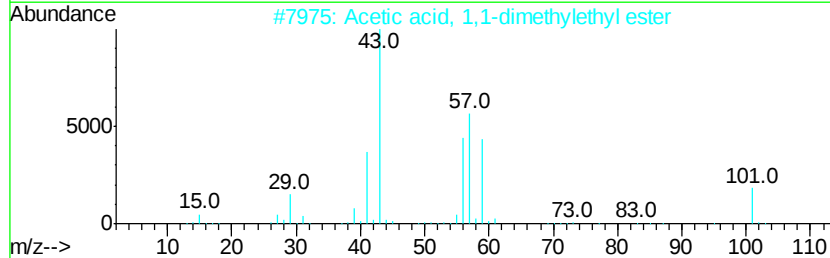
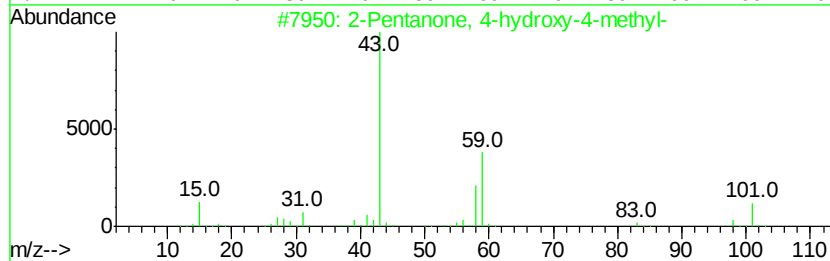
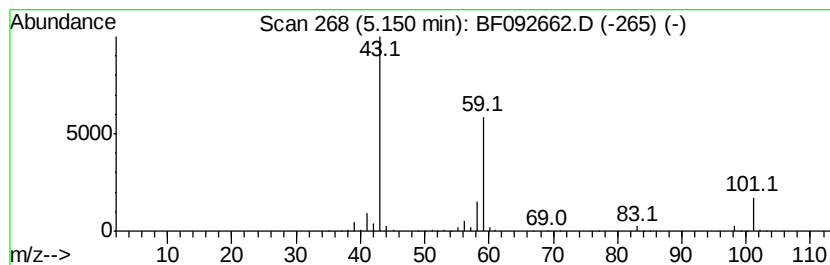
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.15	26.28 ng	1406190	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		1,2-Butanediol, (+/-)-	90	C4H10O2	026171-83-5	9



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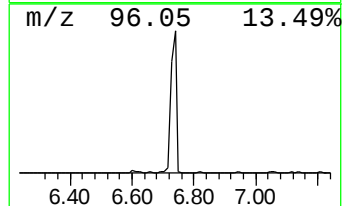
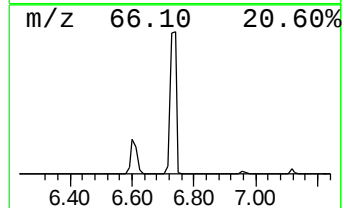
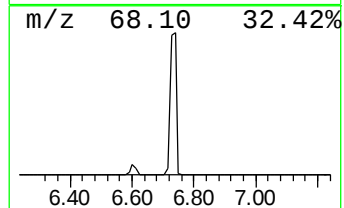
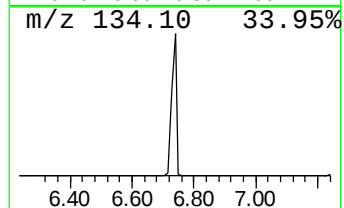
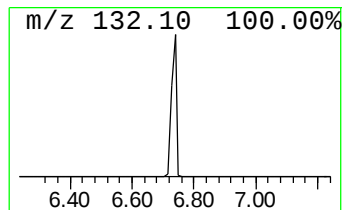
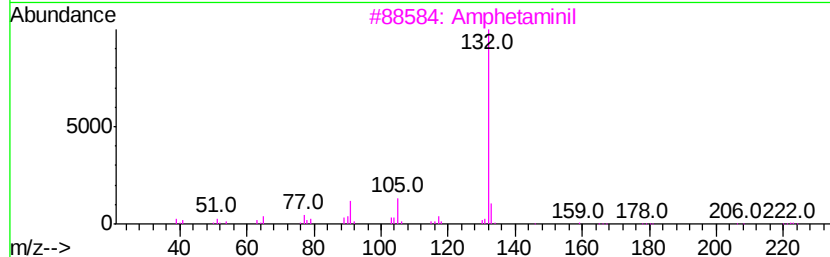
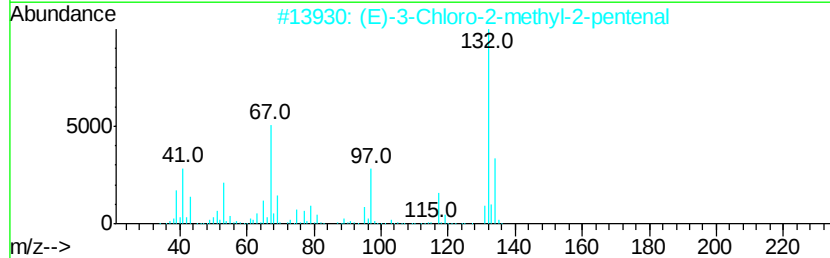
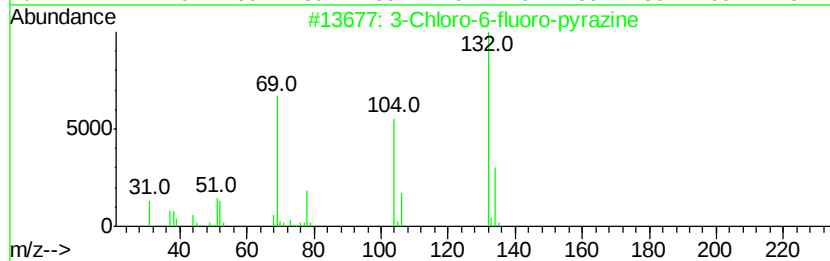
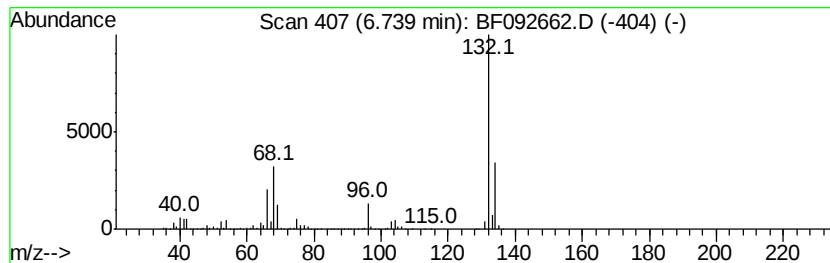
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	56.83 ng	3040360	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9



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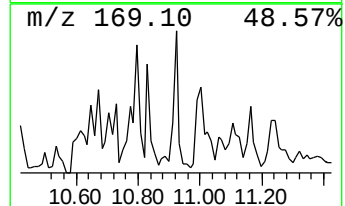
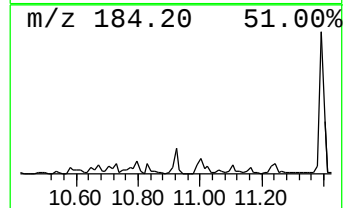
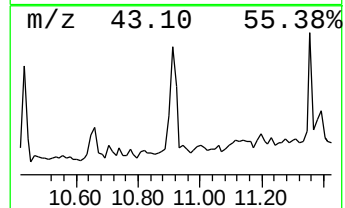
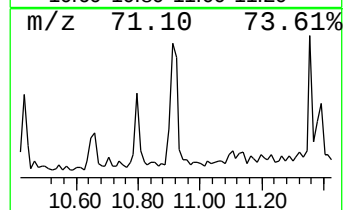
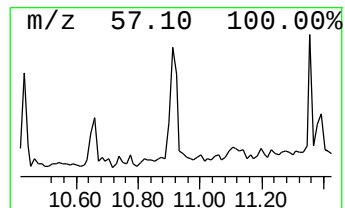
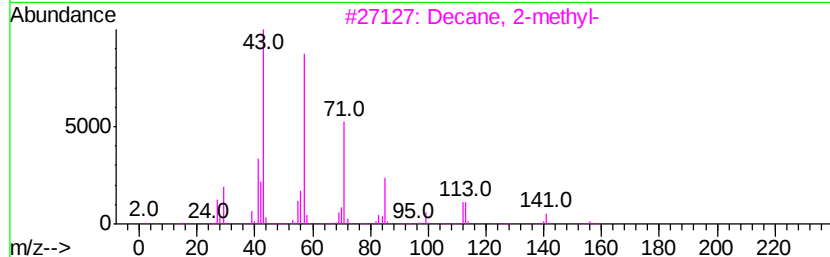
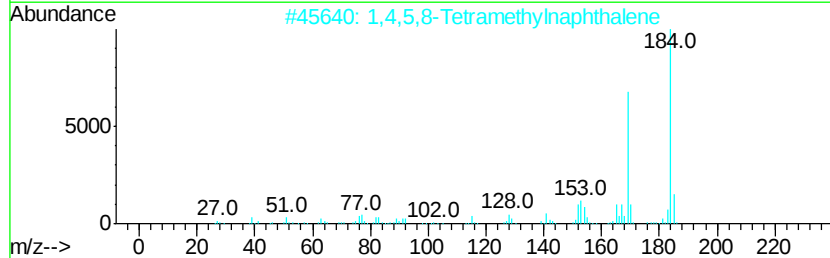
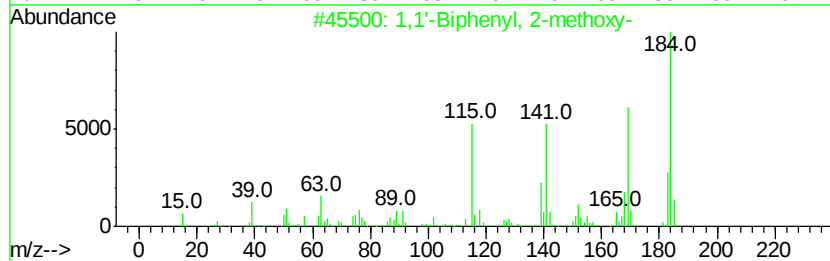
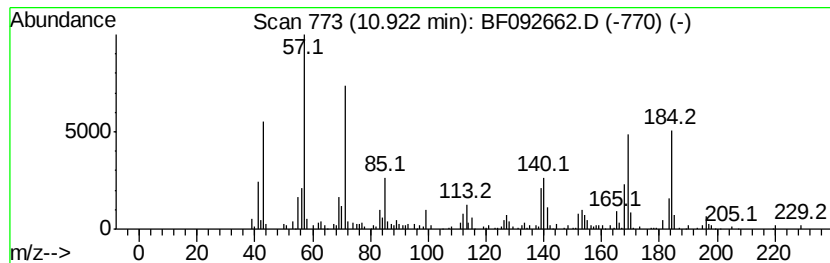
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.37 ng	226812	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	42
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
3		Decane, 2-methyl-	156	C11H24	006975-98-0	38
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	35
5		Dodecane	170	C12H26	000112-40-3	35



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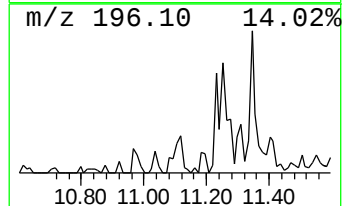
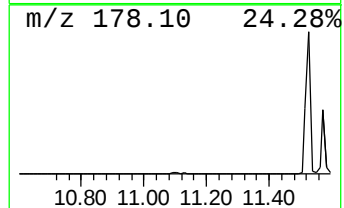
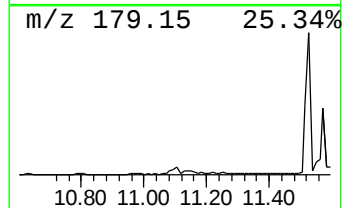
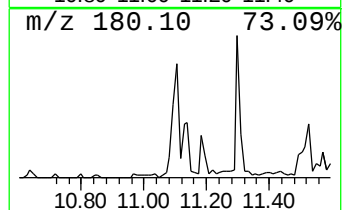
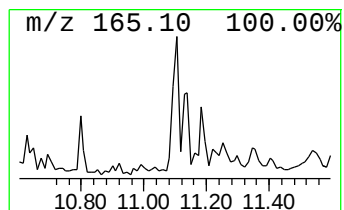
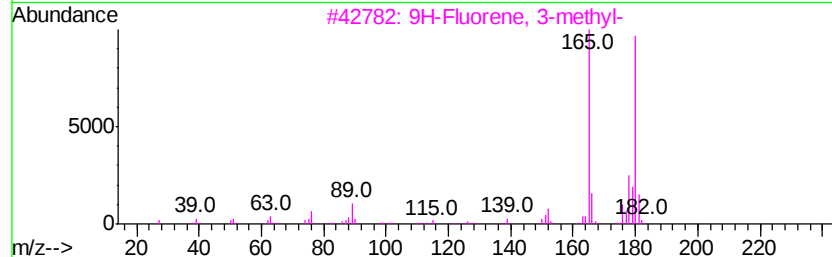
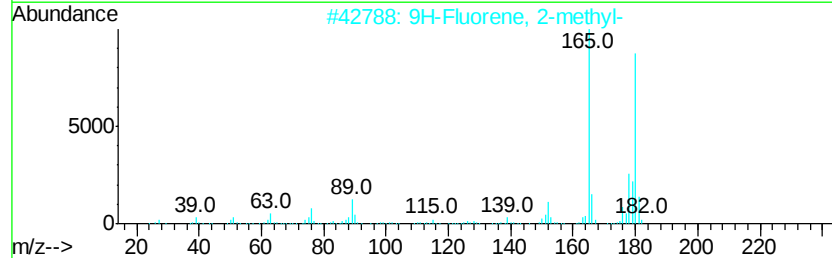
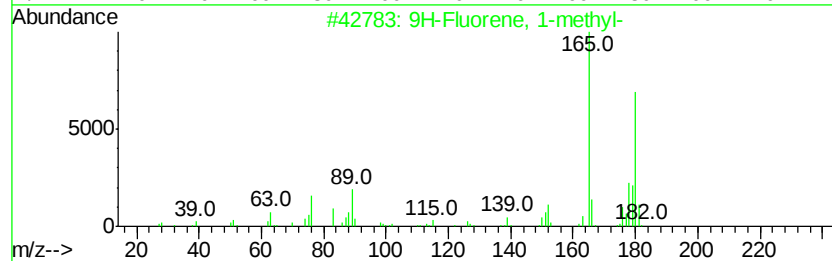
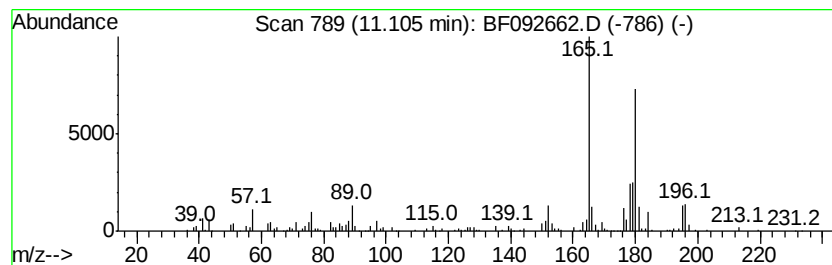
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.14 ng	163001	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

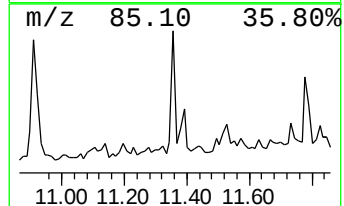
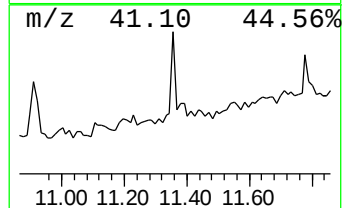
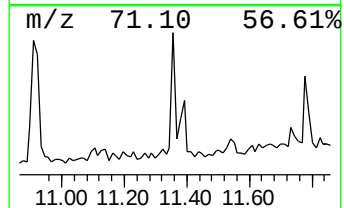
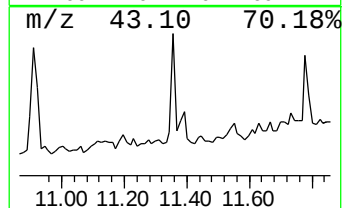
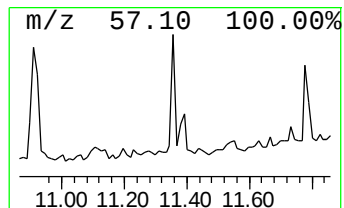
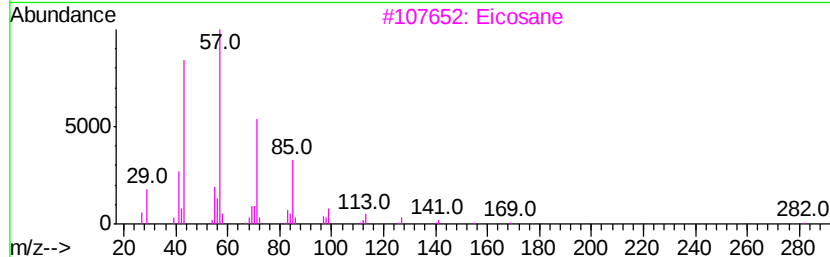
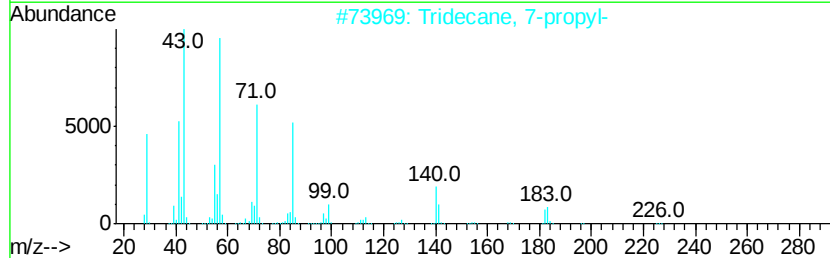
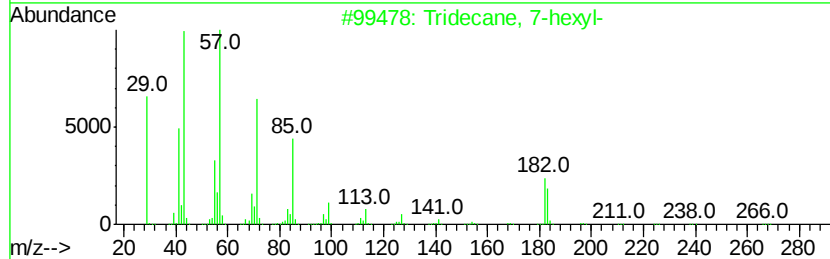
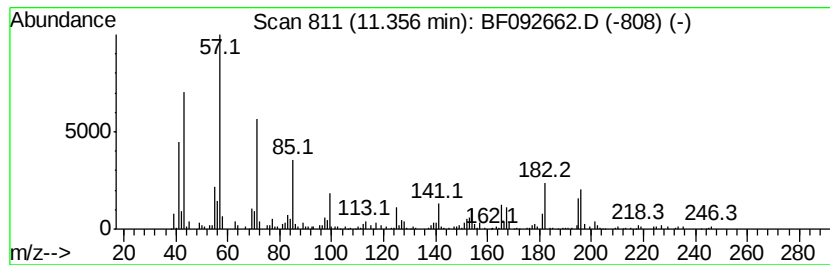
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	3.98 ng	206291	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	43
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	38
3			Eicosane	282	C20H42	000112-95-8	38
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	38
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
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Instrument :
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ClientSampleId :
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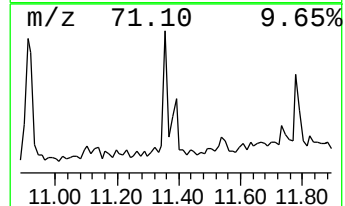
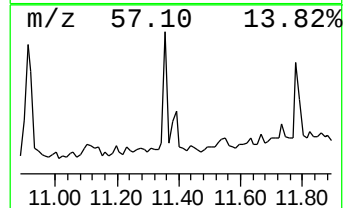
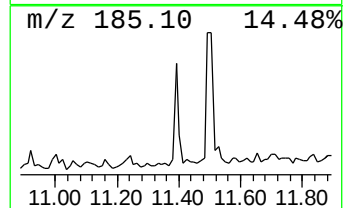
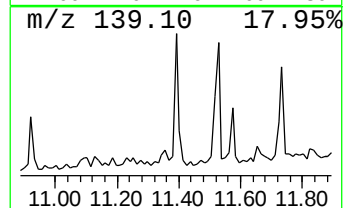
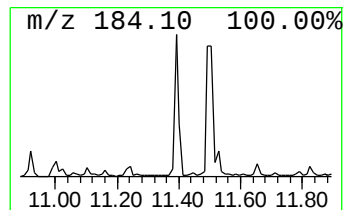
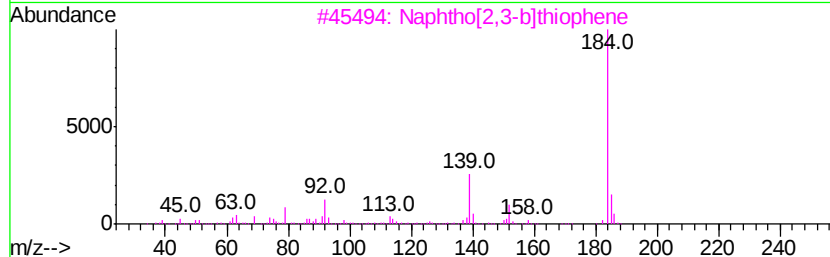
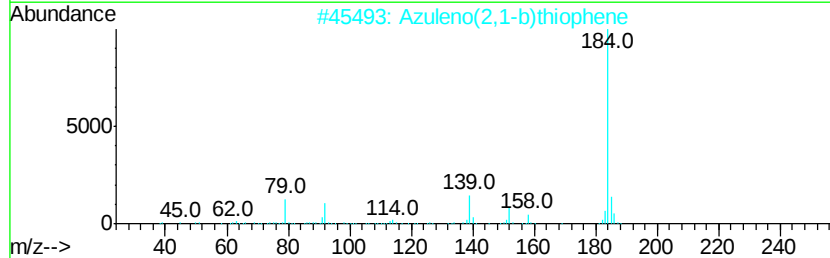
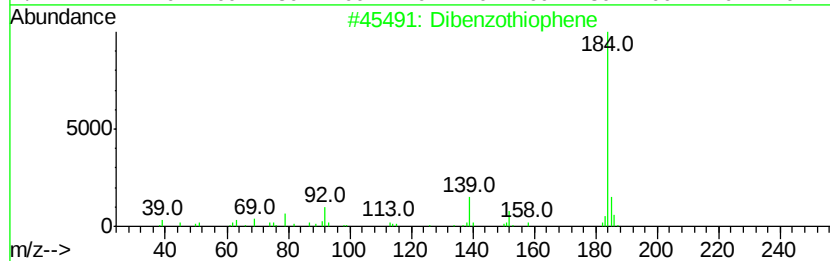
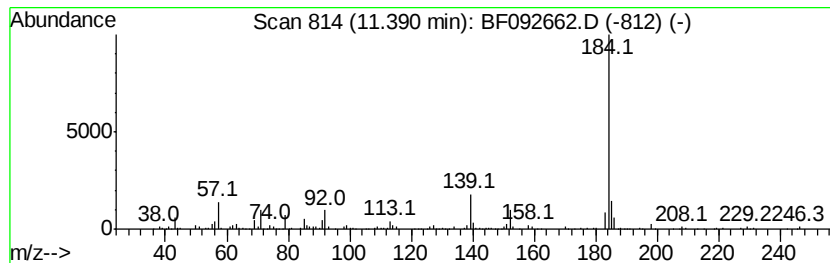
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.09 ng	160077	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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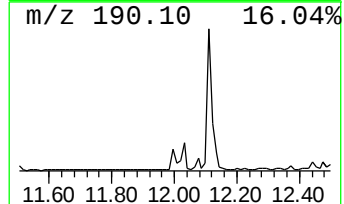
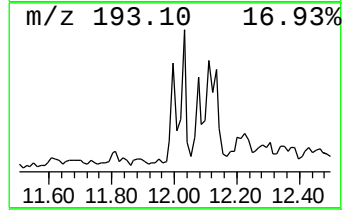
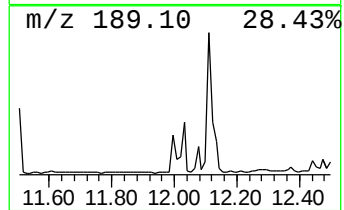
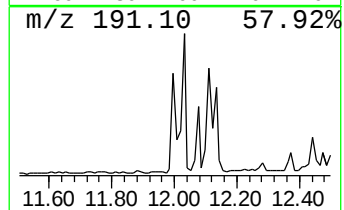
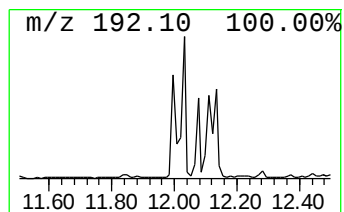
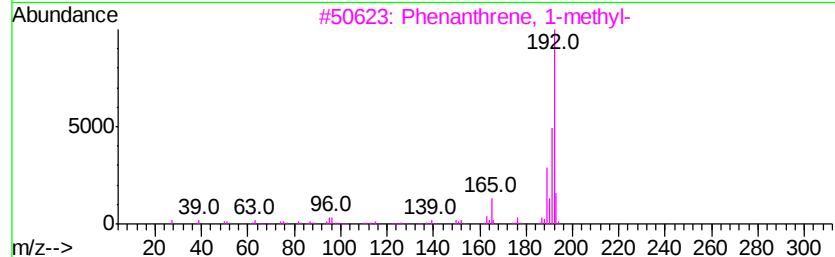
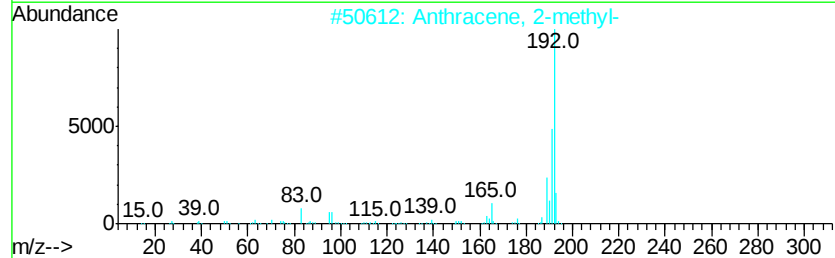
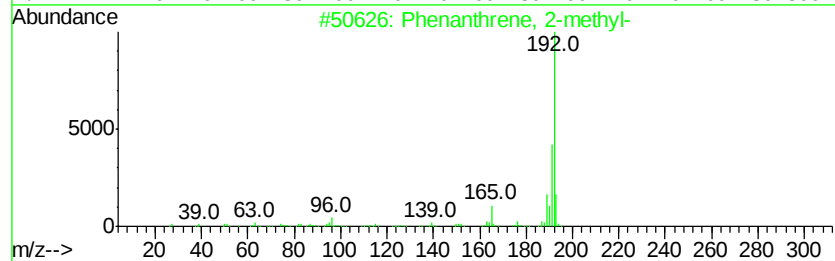
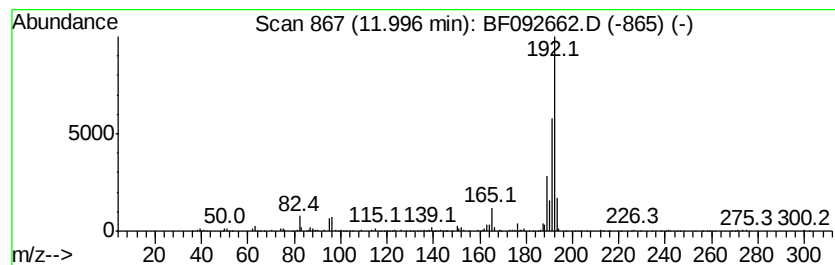
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.86 ng	252098	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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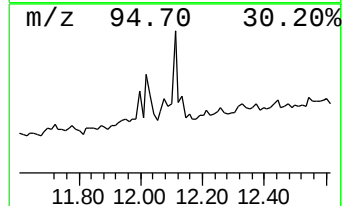
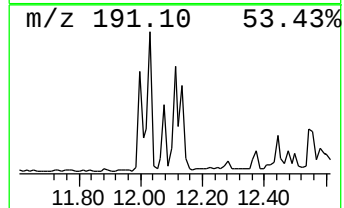
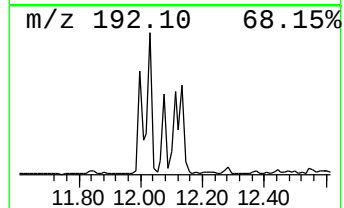
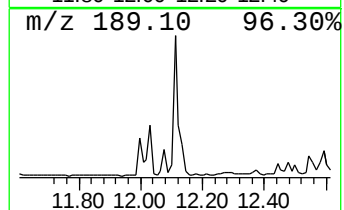
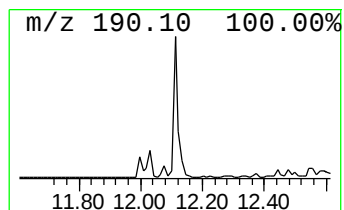
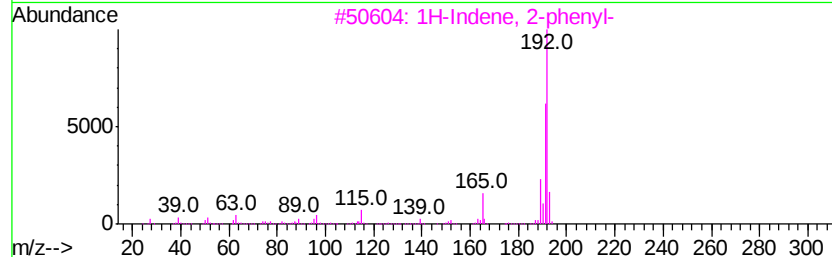
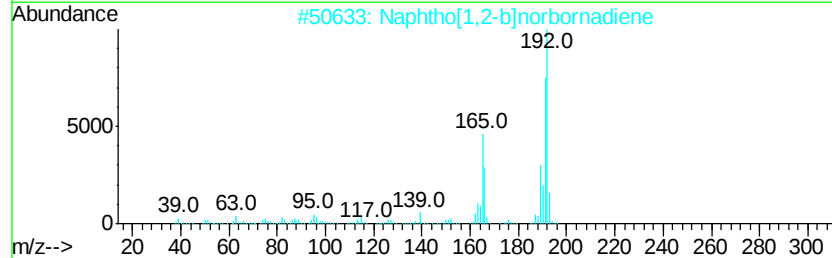
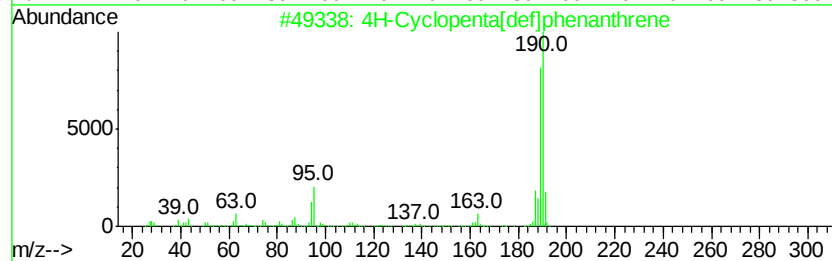
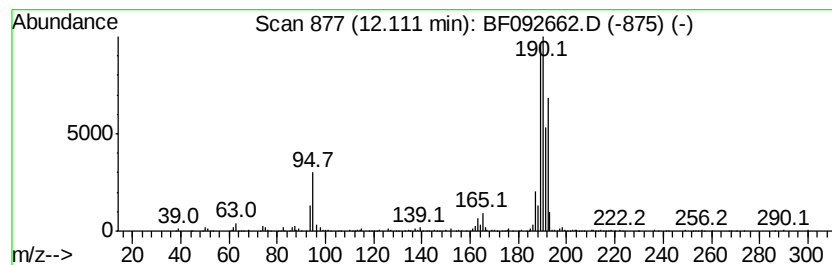
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.39 ng	642280	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	27
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
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ALS Vial : 23 Sample Multiplier: 1

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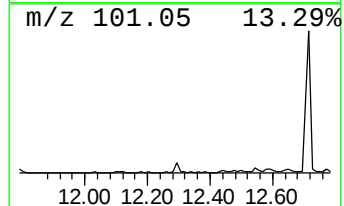
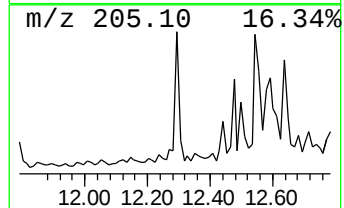
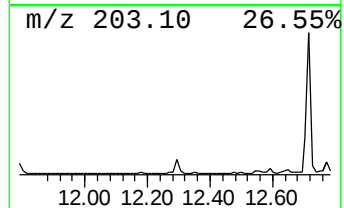
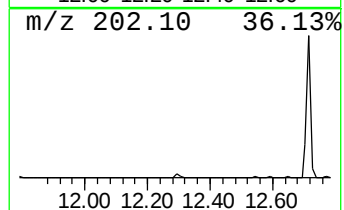
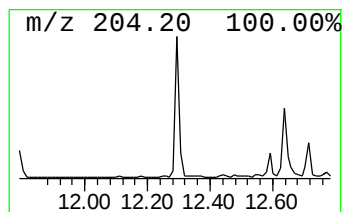
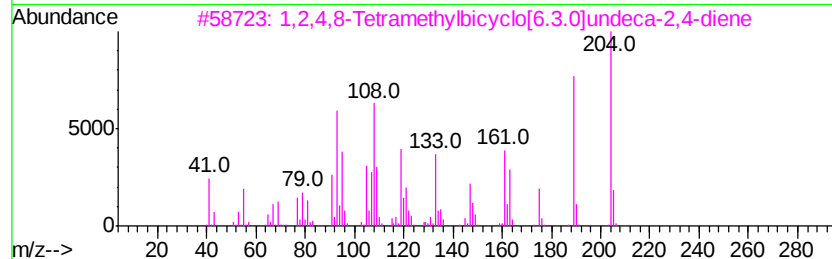
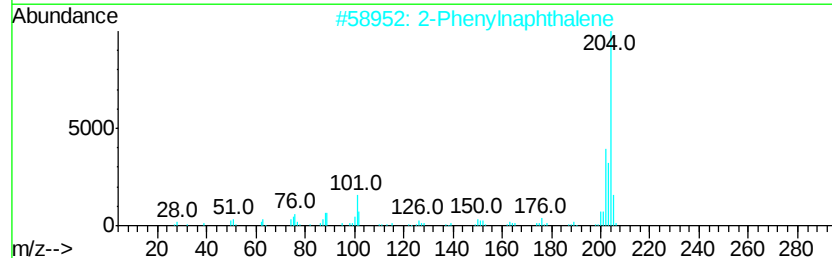
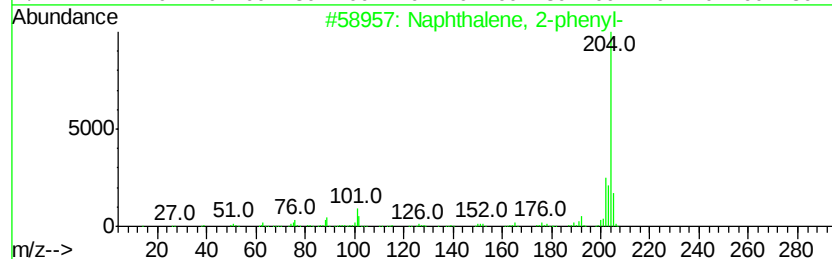
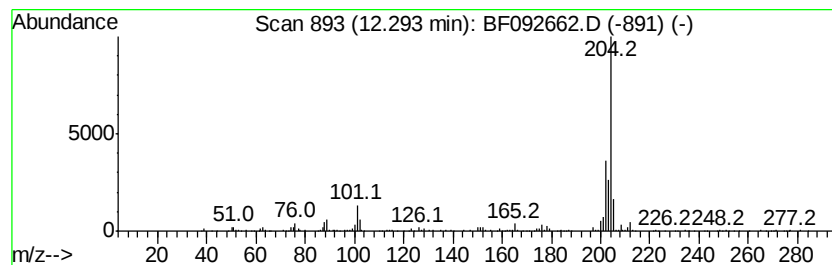
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.16 ng	163978	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	86
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
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ALS Vial : 23 Sample Multiplier: 1

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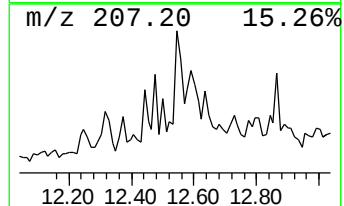
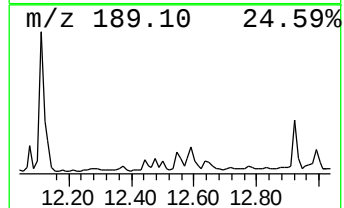
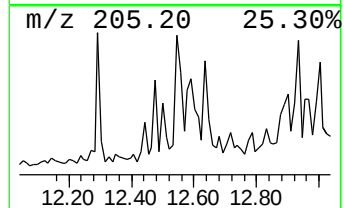
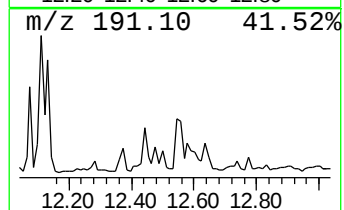
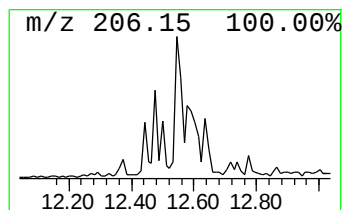
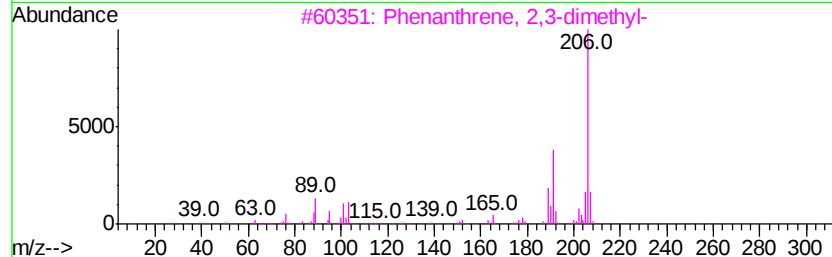
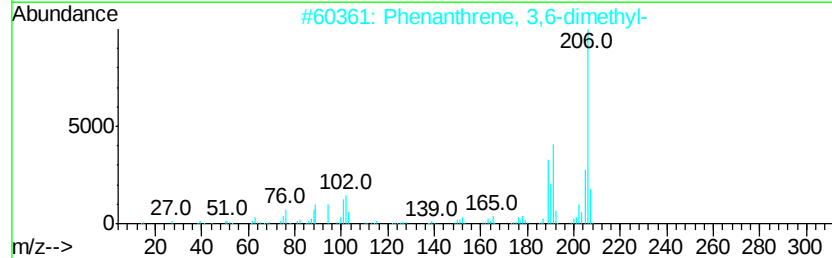
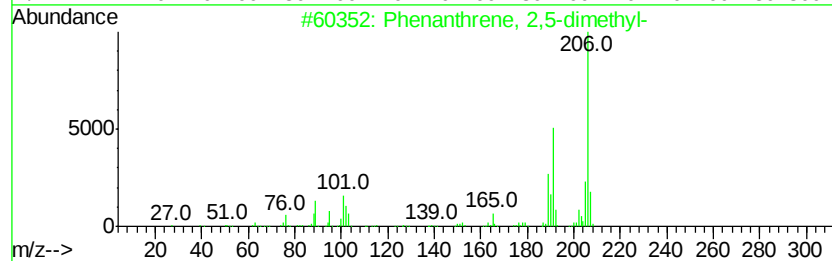
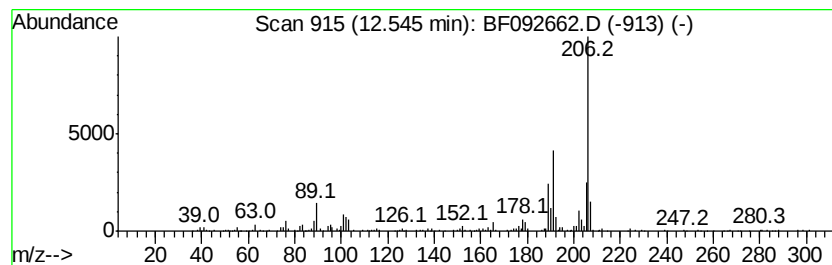
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.88 ng	252980	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S4C4

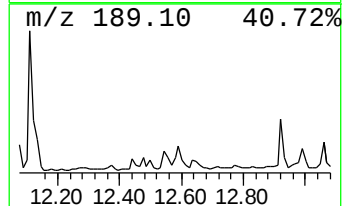
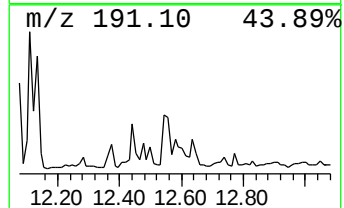
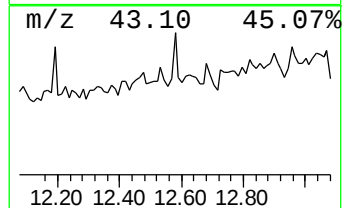
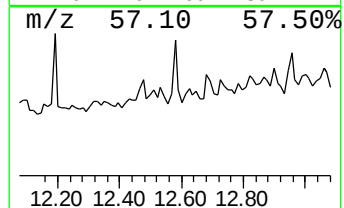
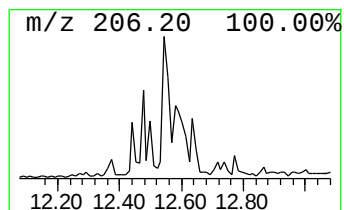
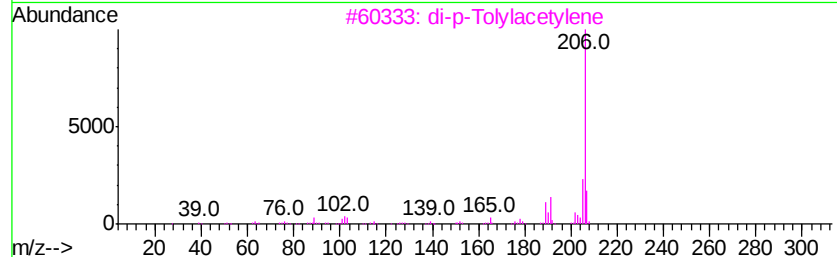
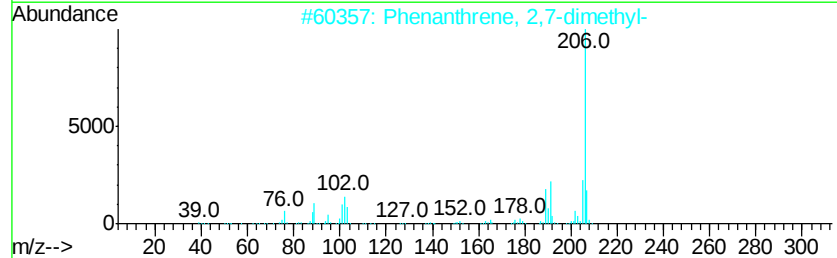
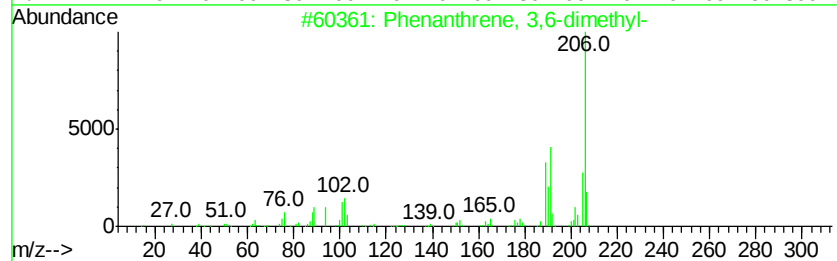
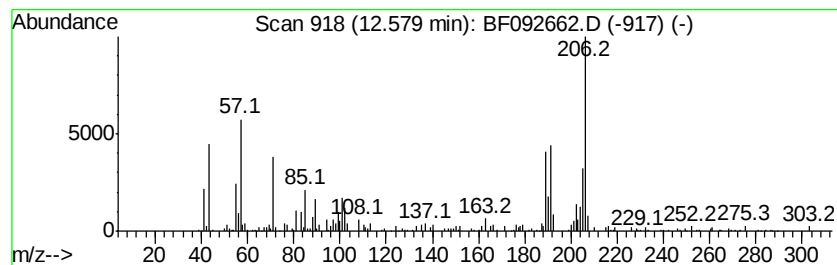
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.28 ng	169961	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	68
4			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
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Operator : SJ/MA
Sample : I1531-04 2X
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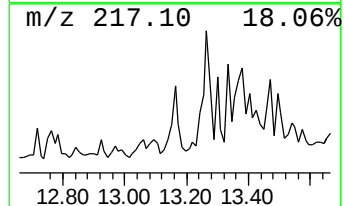
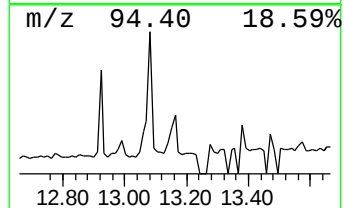
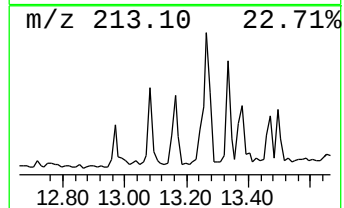
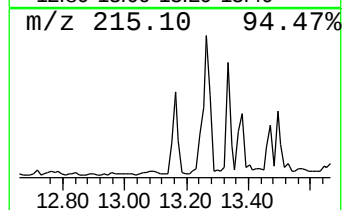
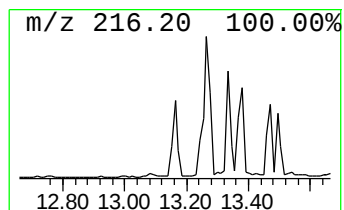
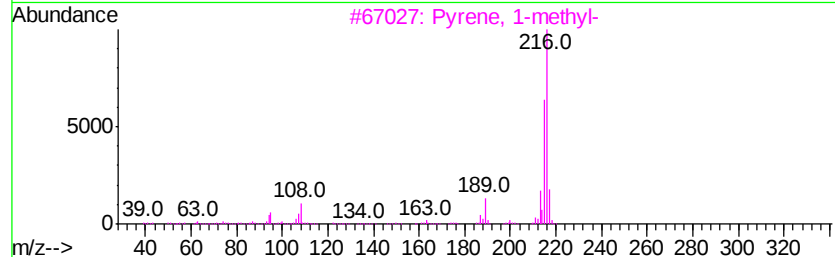
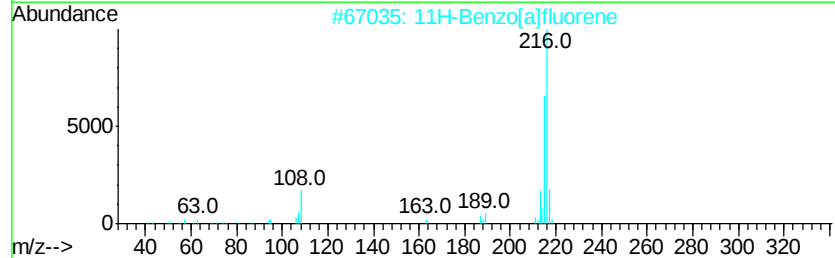
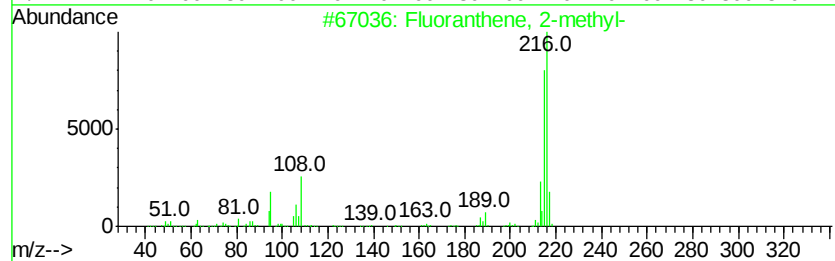
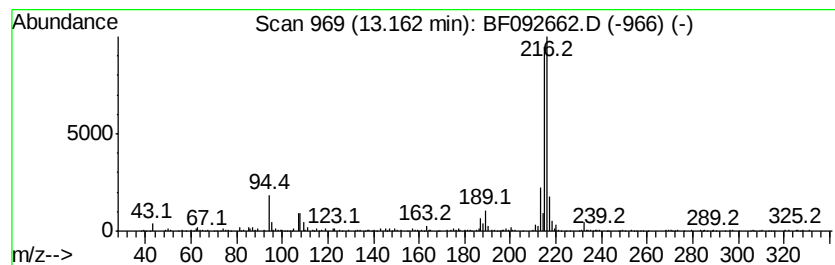
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.93 ng	319613	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 92
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EDC-HPRR-S4C4

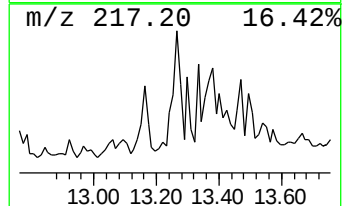
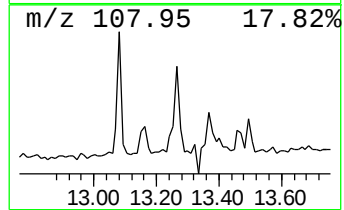
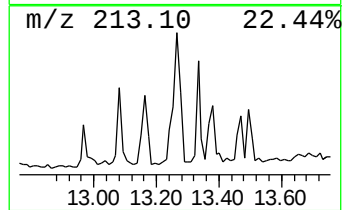
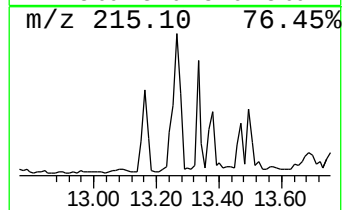
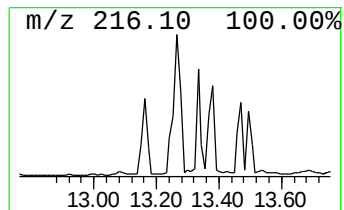
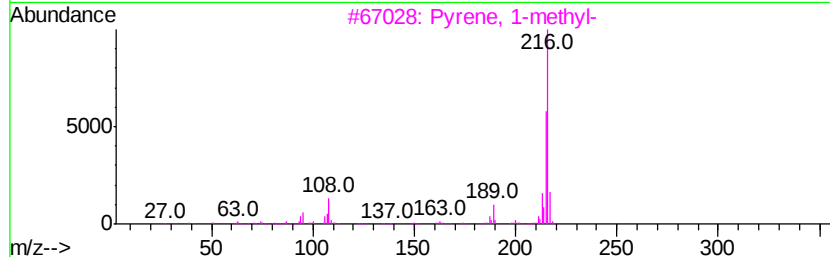
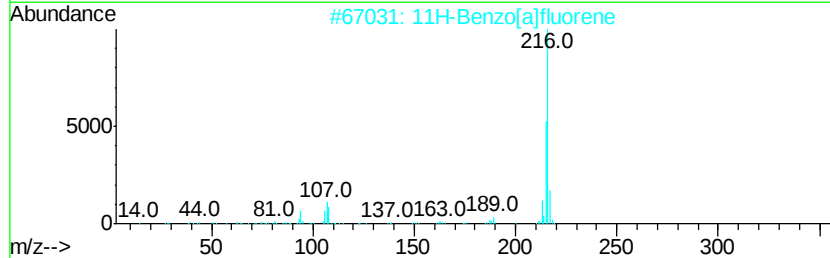
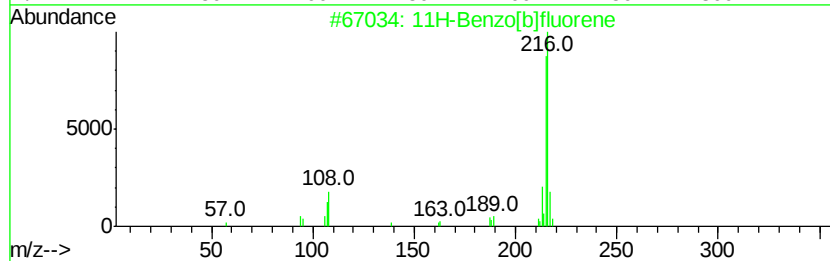
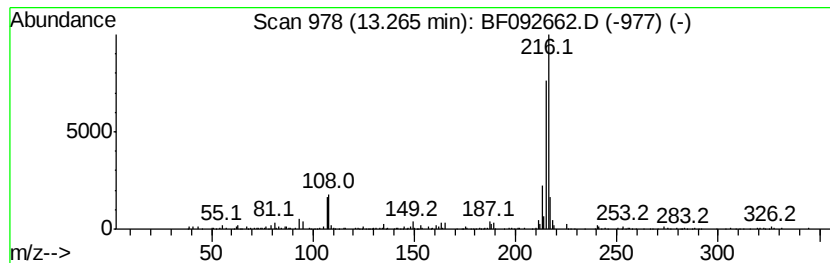
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.72 ng	296375	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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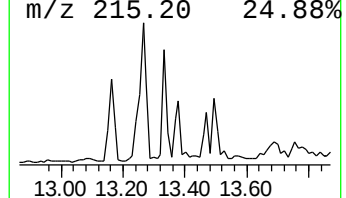
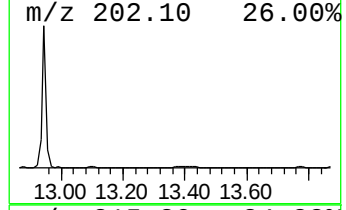
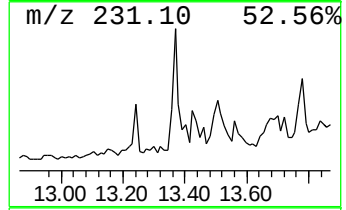
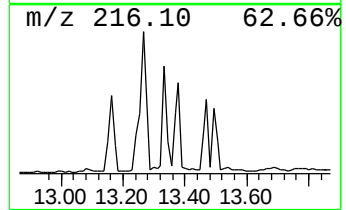
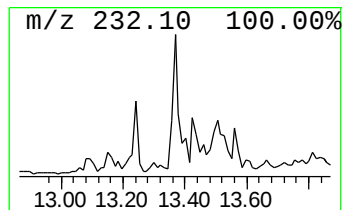
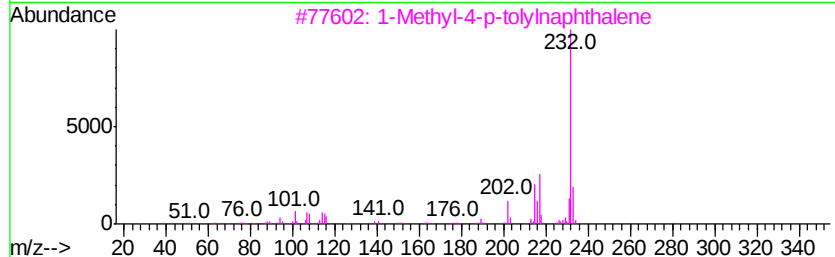
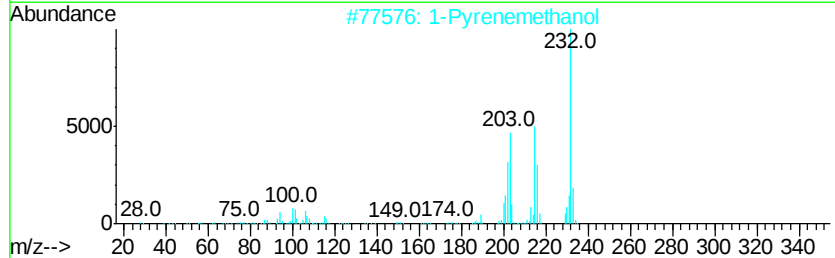
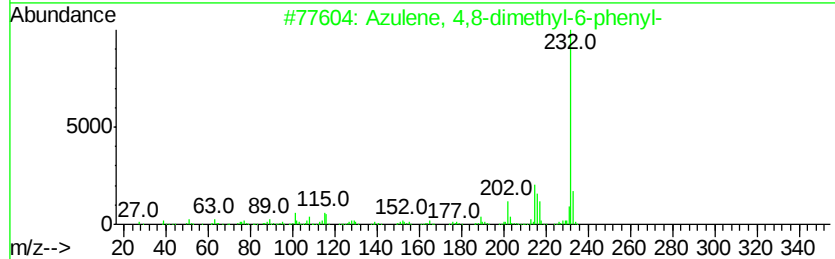
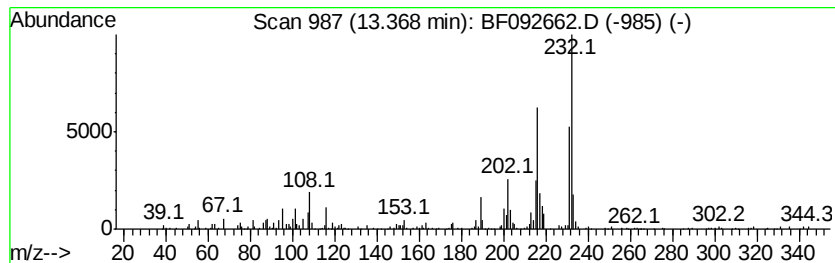
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.37 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.08 ng	335741	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	49
2		1-Pyrenemethanol	232	C17H12O	024463-15-8	47
3		1-Methyl-4-p-tolynaphthalene	232	C18H16	093870-57-6	46
4		Boron, butylchloro[2,2,2-trifluo...	310	C8H10BClF6N2O	070613-05-7	46
5		1,2,3,6,7,8-Hexahydro-10H-cyclop...	232	C12H12N2OS	102254-54-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Operator : SJ/MA
Sample : I1531-04 2X
Misc :
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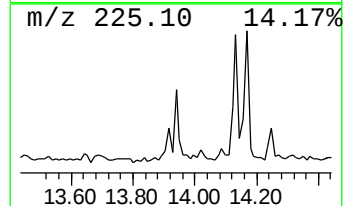
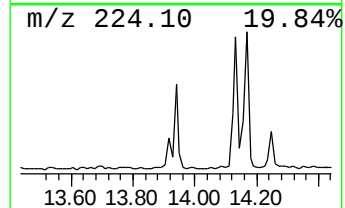
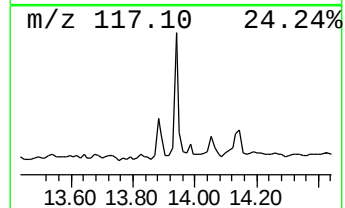
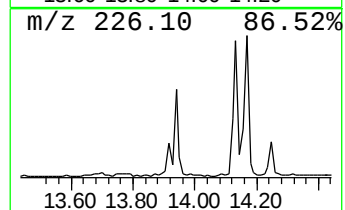
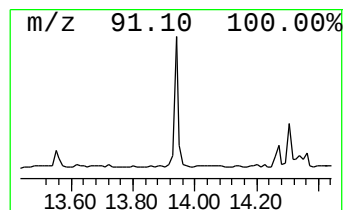
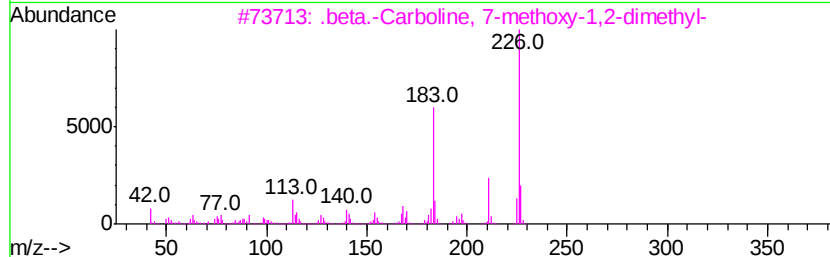
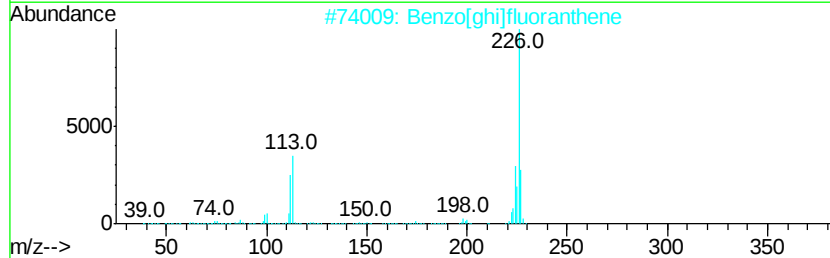
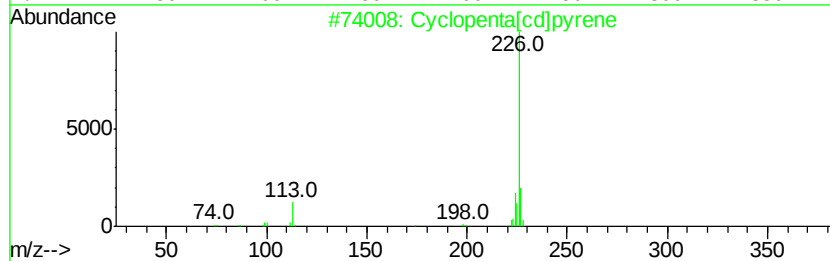
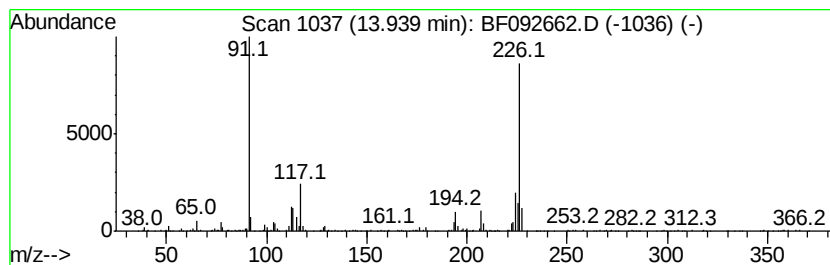
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.89 ng	315219	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 55
2		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 55
3		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 49
4		9H-Thioxanthen-9-one, 2-methyl-	226 C14H10OS	015774-82-0 47
5		1,3-Diamino-5,6-dihydro-9-methyl...	226 C13H14N4	037436-39-8 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092662.D
Acq On : 31 Jan 2017 4:22
Operator : SJ/MA
Sample : I1531-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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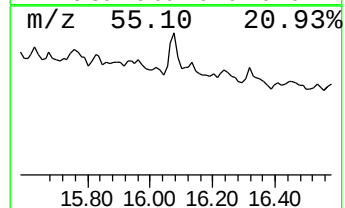
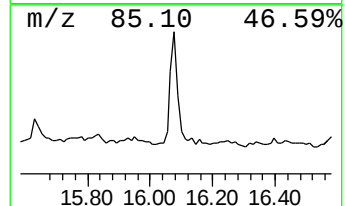
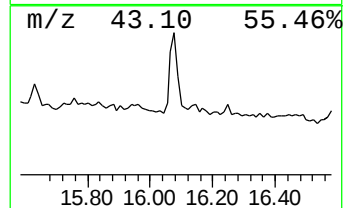
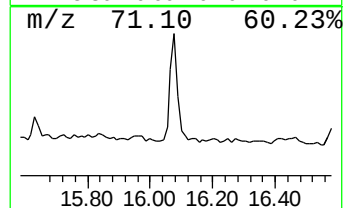
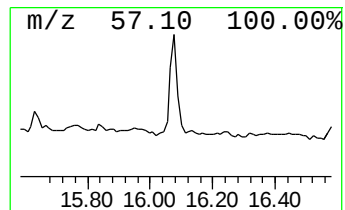
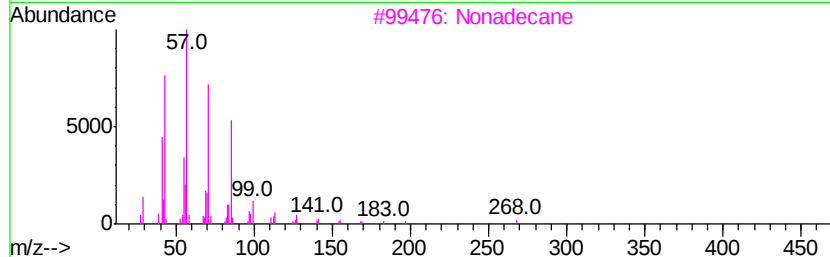
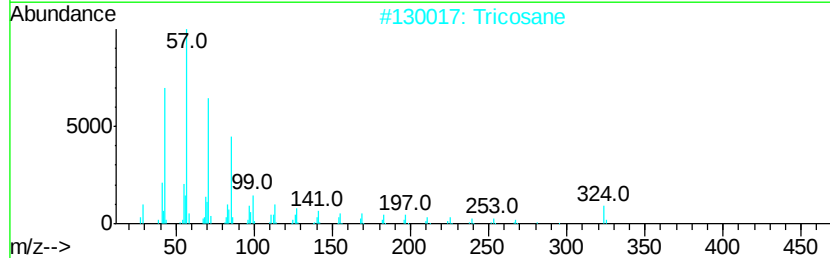
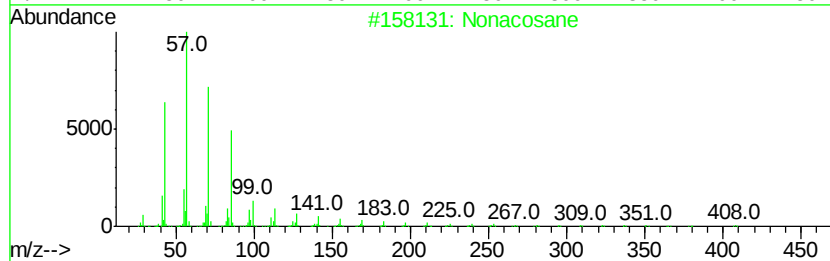
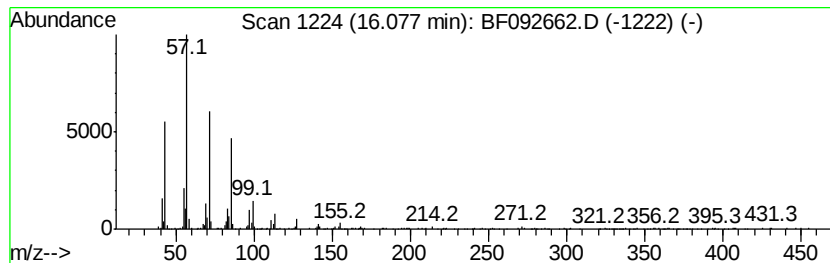
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	6.00 ng	317196	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	93
2		Tricosane	324	C23H48	000638-67-5	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Octacosane	394	C28H58	000630-02-4	86
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092662.D
 Acq On : 31 Jan 2017 4:22
 Operator : SJ/MA
 Sample : I1531-04 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S4C4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.15	26.3	ng	1406190	1	6.97	1069990	20.0
unknown6.74	6.74	56.8	ng	3040360	1	6.97	1069990	20.0
unknown10.92	10.92	4.4	ng	226812	4	11.49	1037110	20.0
9H-Fluorene, 1-me...	11.10	3.1	ng	163001	4	11.49	1037110	20.0
unknown11.43	11.36	4.0	ng	206291	4	11.49	1037110	20.0
Dibenzothiophene	11.39	3.1	ng	160077	4	11.49	1037110	20.0
Phenanthrene, 2-m...	12.00	4.9	ng	252098	4	11.49	1037110	20.0
4H-Cyclopenta[def...	12.11	12.4	ng	642280	4	11.49	1037110	20.0
Naphthalene, 2-ph...	12.29	3.2	ng	163978	4	11.49	1037110	20.0
Phenanthrene, 2,5...	12.54	4.9	ng	252980	4	11.49	1037110	20.0
Phenanthrene, 3,6...	12.58	3.3	ng	169961	4	11.49	1037110	20.0
Fluoranthene, 2-m...	13.16	2.9	ng	319613	5	14.15	2180870	20.0
11H-Benzo[b]fluorene	13.26	2.7	ng	296375	5	14.15	2180870	20.0
unknown13.37	13.37	3.1	ng	335741	5	14.15	2180870	20.0
Cyclopenta[cd]pyrene	13.94	2.9	ng	315219	5	14.15	2180870	20.0
Nonacosane	16.08	6.0	ng	317196	6	15.62	1058040	20.0