

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086888.D
 Acq On : 11 May 2016 8:33
 Operator : UM/SJ
 Sample : H2961-01 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-3

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-BF050916.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	4.819	238	239	247	rVB	134626	180619	4.63%	0.279%
2	5.276	277	279	287	rBV	803959	979477	25.10%	1.512%
3	6.339	370	372	377	rVV2	805666	1076257	27.57%	1.661%
4	6.453	380	382	385	rVV	1006061	1101624	28.22%	1.700%
5	6.499	385	386	390	rVB	378303	487746	12.50%	0.753%
6	6.682	400	402	406	rBV2	1055311	1128665	28.92%	1.742%
7	6.842	414	416	420	rVB2	749391	1433910	36.74%	2.213%
8	6.933	422	424	426	rBV2	144115	206143	5.28%	0.318%
9	7.002	428	430	435	rVB2	194985	394146	10.10%	0.608%
10	7.082	435	437	442	rBV2	119674	157212	4.03%	0.243%
11	7.219	447	449	451	rBV	243392	408839	10.47%	0.631%
12	7.253	451	452	455	rVB	768131	654306	16.76%	1.010%
13	7.333	455	459	461	rVB3	96509	159455	4.09%	0.246%
14	7.482	471	472	475	rVB2	271679	322702	8.27%	0.498%
15	7.596	475	482	484	rBV3	228046	524568	13.44%	0.810%
16	7.642	484	486	489	rVB3	185388	331820	8.50%	0.512%
17	7.710	489	492	497	rBV5	326238	804720	20.62%	1.242%
18	7.790	497	499	502	rVB3	137087	256285	6.57%	0.396%
19	7.847	502	504	506	rBV2	103119	170032	4.36%	0.262%
20	7.973	507	515	518	rBV2	1209163	2610466	66.88%	4.029%
21	8.042	520	521	522	rVB	420355	289926	7.43%	0.447%
22	8.133	527	529	531	rBV3	125592	212048	5.43%	0.327%
23	8.179	531	533	534	rVB	136842	158900	4.07%	0.245%
24	8.270	537	541	544	rBV4	144368	457256	11.72%	0.706%
25	8.328	544	546	547	rVV	150267	177623	4.55%	0.274%
26	8.362	547	549	551	rVV2	197384	312707	8.01%	0.483%
27	8.408	551	553	554	rVV	277388	475623	12.19%	0.734%
28	8.476	557	559	561	rVV2	225731	305164	7.82%	0.471%
29	8.533	561	564	566	rVV2	211778	359361	9.21%	0.555%
30	8.613	569	571	574	rVV3	161696	415725	10.65%	0.642%
31	8.670	574	576	578	rVB2	184593	232105	5.95%	0.358%
32	8.785	583	586	588	rBV	1694907	1671945	42.84%	2.581%
33	8.876	590	594	597	rBV4	224362	460354	11.79%	0.711%
34	8.945	597	600	602	rBV4	84776	176504	4.52%	0.272%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.002	602	605	606	rVB	430769	483267	12.38%	0.746%
36	9.048	607	609	611	rBV	1259785	1032049	26.44%	1.593%
37	9.150	615	618	620	rVV2	493760	632171	16.20%	0.976%
38	9.253	624	627	629	rVB2	350714	520806	13.34%	0.804%
39	9.310	629	632	634	rBV	807154	1221570	31.30%	1.885%
40	9.379	636	638	640	rVV	1294008	1668091	42.74%	2.575%
41	9.448	642	644	646	rVV	519293	719405	18.43%	1.110%
42	9.493	646	648	651	rVB	471889	879251	22.53%	1.357%
43	9.585	653	656	658	rVB2	530663	750391	19.23%	1.158%
44	9.722	665	668	669	rBV2	1196316	1467333	37.59%	2.265%
45	9.756	669	671	673	rVV	1949840	2009514	51.49%	3.102%
46	9.825	675	677	679	rVB	382902	509074	13.04%	0.786%
47	9.893	679	683	684	rBV3	184517	461820	11.83%	0.713%
48	9.928	684	686	687	rVV	526583	736881	18.88%	1.137%
49	9.962	687	689	693	rVB2	486614	874304	22.40%	1.349%
50	10.031	693	695	697	rBV2	440622	691037	17.71%	1.067%
51	10.122	701	703	706	rVV3	248580	522342	13.38%	0.806%
52	10.168	706	707	709	rVV	322632	423872	10.86%	0.654%
53	10.213	709	711	712	rVV2	237537	339013	8.69%	0.523%
54	10.236	712	713	714	rVV	351047	264026	6.76%	0.408%
55	10.271	714	716	719	rVV2	812251	1204213	30.85%	1.859%
56	10.328	719	721	722	rVV	213636	291634	7.47%	0.450%
57	10.373	724	725	728	rVV	961103	1278145	32.75%	1.973%
58	10.431	728	730	732	rVV3	186356	321539	8.24%	0.496%
59	10.488	734	735	738	rVV2	538370	892406	22.86%	1.377%
60	10.556	738	741	743	rVB4	115177	199217	5.10%	0.307%
61	10.648	746	749	752	rBV	868339	1328341	34.03%	2.050%
62	10.705	752	754	757	rVV4	106842	214340	5.49%	0.331%
63	10.808	761	763	765	rVV2	375784	832590	21.33%	1.285%
64	10.888	769	770	772	rVB2	236685	282428	7.24%	0.436%
65	10.968	774	777	778	rVV2	234631	352196	9.02%	0.544%
66	11.013	779	781	783	rVV	152306	191167	4.90%	0.295%
67	11.105	786	789	792	rVB2	752316	1133281	29.04%	1.749%
68	11.231	795	800	801	rBV2	2154091	3903048	100.00%	6.024%
69	11.276	801	804	806	rVB	950538	930729	23.85%	1.437%
70	11.459	817	820	821	rVV2	208956	317386	8.13%	0.490%
71	11.528	824	826	831	rVB3	213582	419070	10.74%	0.647%

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72	11.665	835	838	839	rBV	151384	231956	5.94%	0.358%
73	11.699	839	841	842	rVV	733799	629050	16.12%	0.971%
74	11.722	842	843	846	rVB	539669	710429	18.20%	1.096%
75	11.779	846	848	849	rBV	258186	383326	9.82%	0.592%
76	11.814	849	851	855	rVB	802976	1651539	42.31%	2.549%
77	11.996	863	867	871	rVB3	281329	525978	13.48%	0.812%
78	12.065	871	873	876	rVB4	88840	159302	4.08%	0.246%
79	12.179	881	883	886	rVB2	202142	443603	11.37%	0.685%
80	12.248	886	889	890	rBV	675887	727606	18.64%	1.123%
81	12.282	890	892	895	rVB	292610	480793	12.32%	0.742%
82	12.339	895	897	898	rBV2	169432	239884	6.15%	0.370%
83	12.408	901	903	905	rBV	1010102	1082395	27.73%	1.671%
84	12.499	910	911	915	rVB	448615	388156	9.94%	0.599%
85	12.636	920	923	925	rBV	1065317	1482124	37.97%	2.288%
86	12.694	926	928	931	rBV2	128477	170231	4.36%	0.263%
87	12.774	934	935	940	rVB	735218	951773	24.39%	1.469%
88	12.854	940	942	945	rBV2	165341	265515	6.80%	0.410%
89	12.957	948	951	953	rVB	293904	497526	12.75%	0.768%
90	13.025	953	957	958	rBV	251950	299422	7.67%	0.462%
91	13.059	958	960	964	rVB2	204094	256926	6.58%	0.397%
92	13.151	966	968	970	rVV	172299	230313	5.90%	0.355%
93	13.185	970	971	973	rVB	208645	177019	4.54%	0.273%
94	13.825	1024	1027	1028	rBV2	1053275	1450035	37.15%	2.238%
95	14.214	1056	1061	1062	rBV	144402	246811	6.32%	0.381%
96	14.305	1065	1069	1070	rVV3	81224	155284	3.98%	0.240%
97	14.820	1111	1114	1119	rBV	174418	335162	8.59%	0.517%
98	15.094	1135	1138	1140	rVB	106242	159935	4.10%	0.247%
99	15.140	1140	1142	1145	rVV	233828	296016	7.58%	0.457%
100	15.197	1145	1147	1154	rVB	618194	770502	19.74%	1.189%

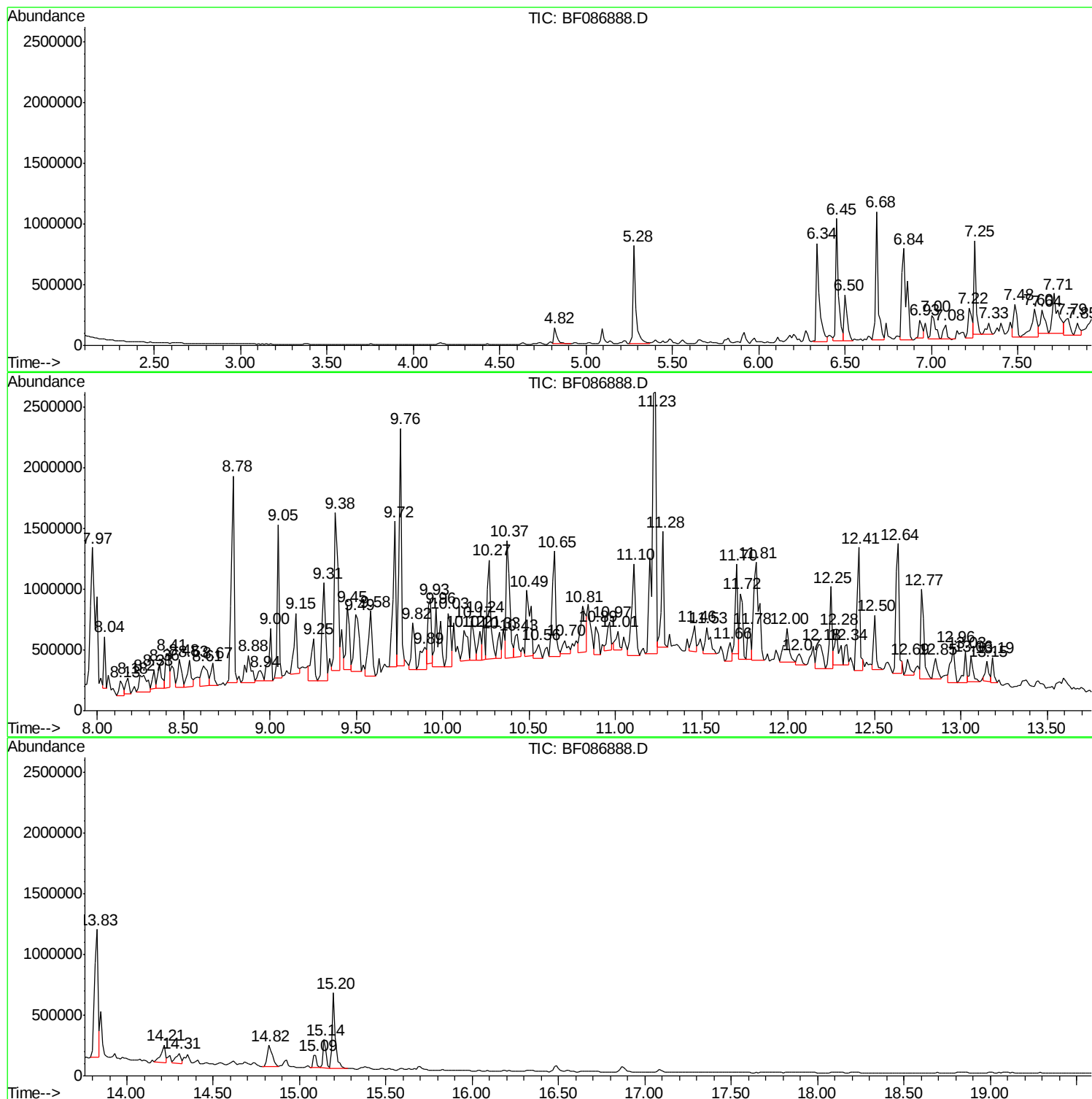
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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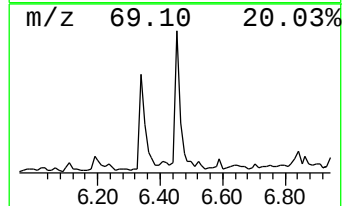
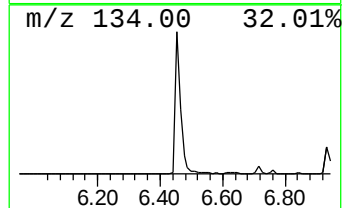
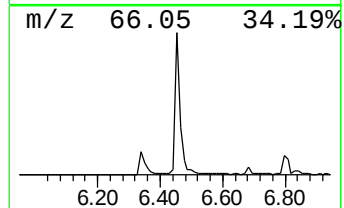
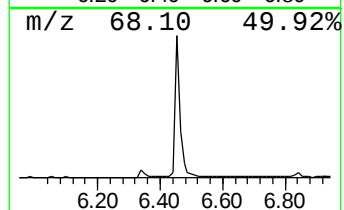
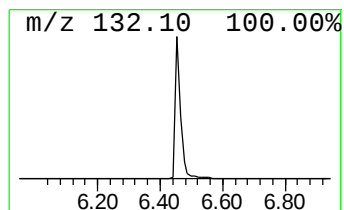
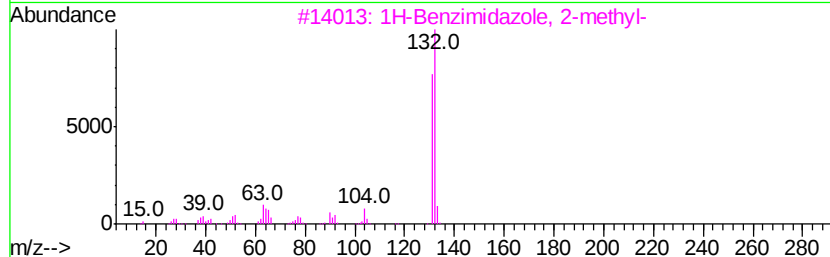
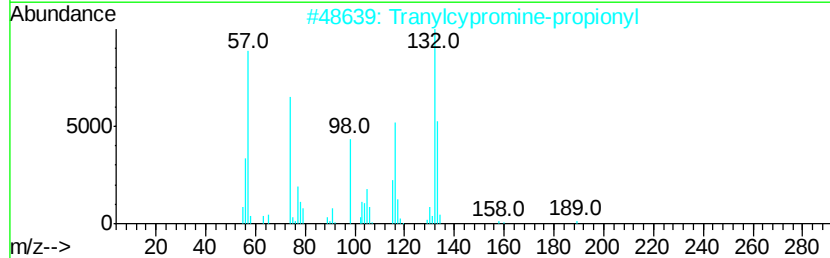
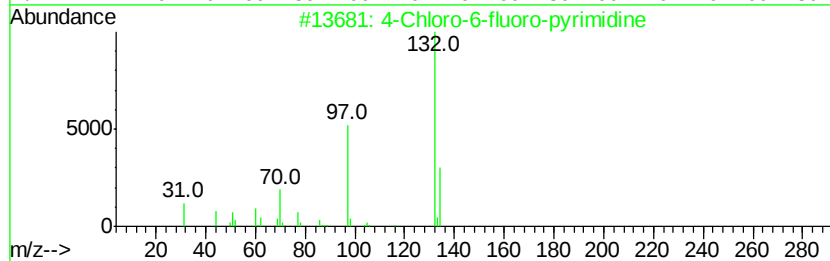
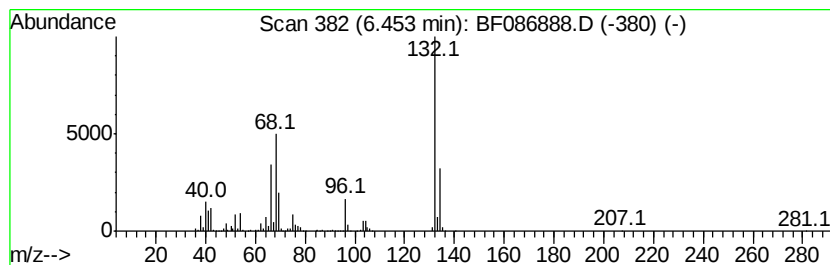
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.45 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	19.52 ng	1101620	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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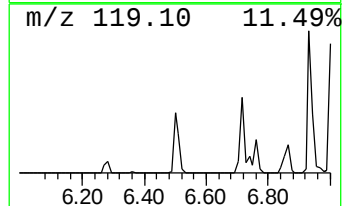
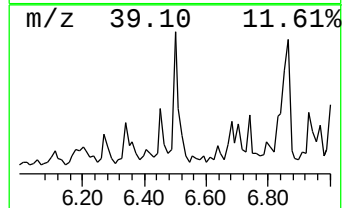
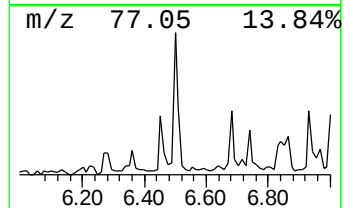
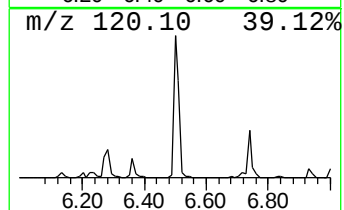
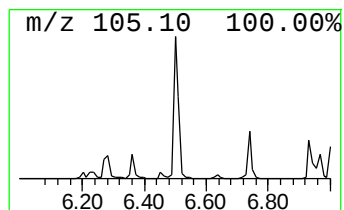
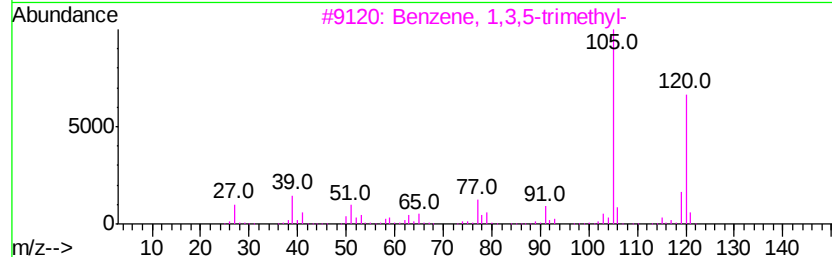
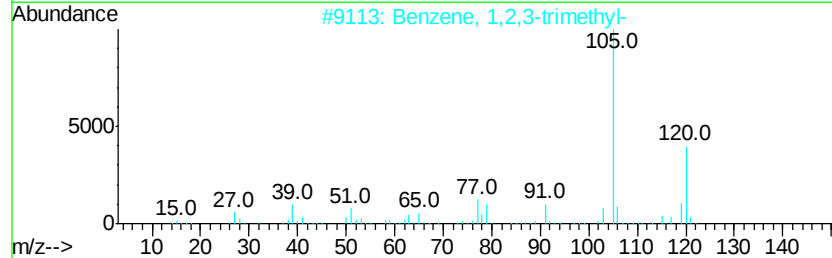
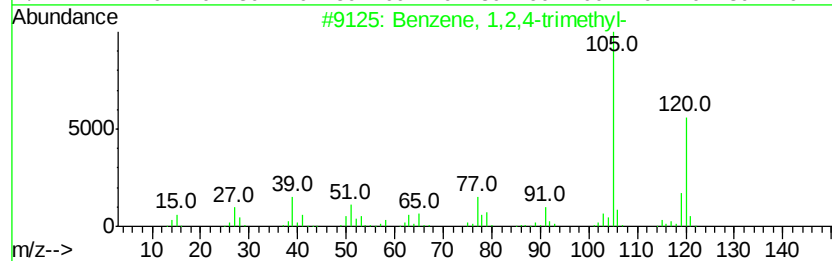
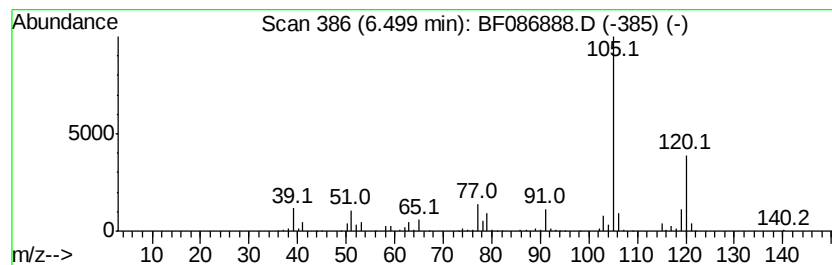
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	8.64 ng	487746	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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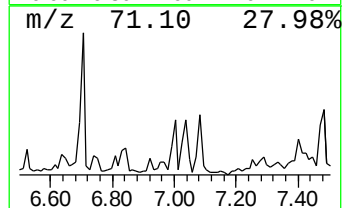
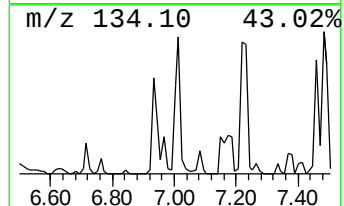
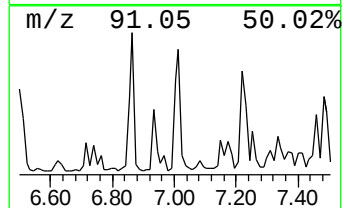
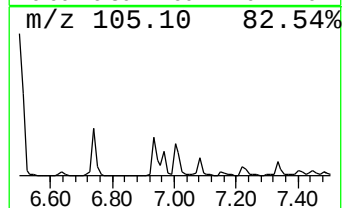
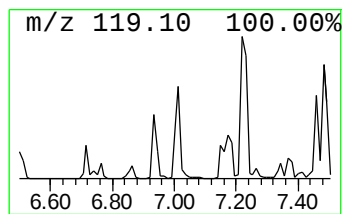
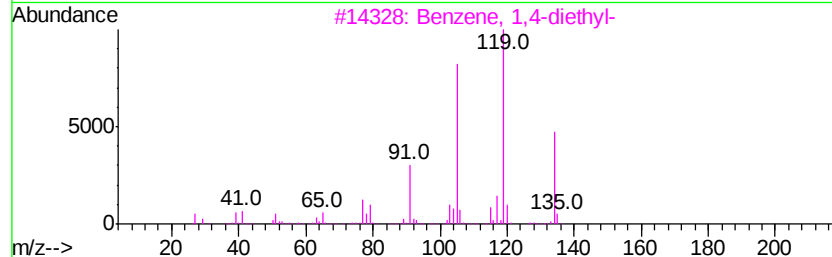
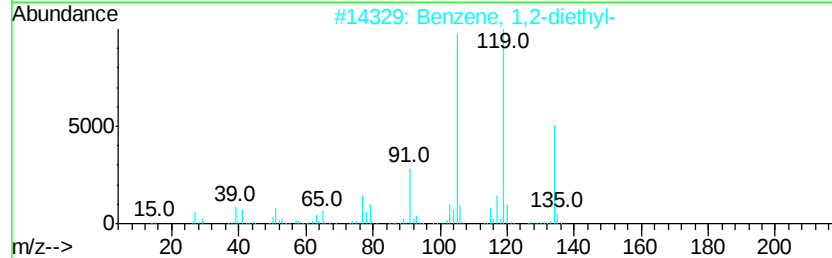
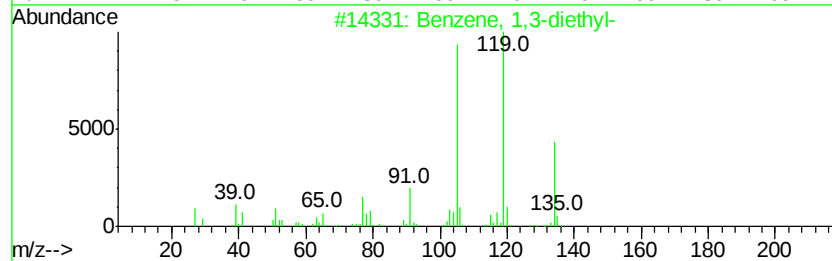
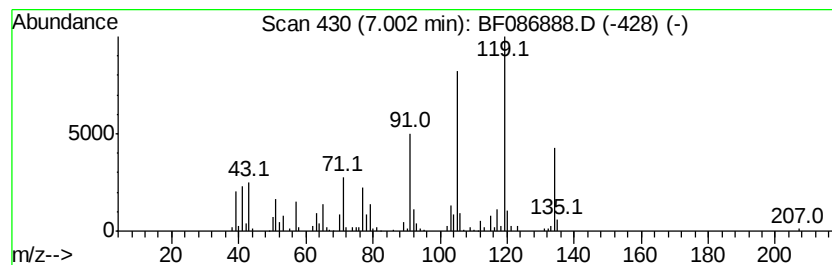
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.98 ng	394146	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

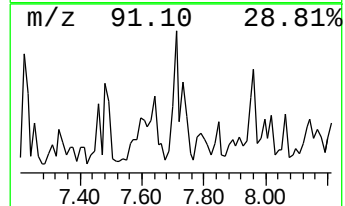
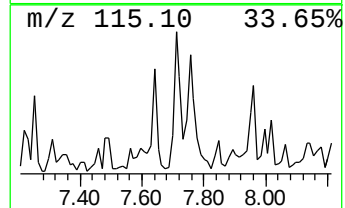
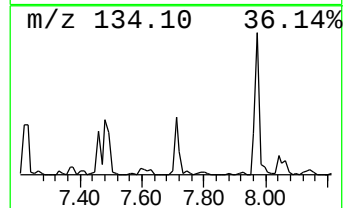
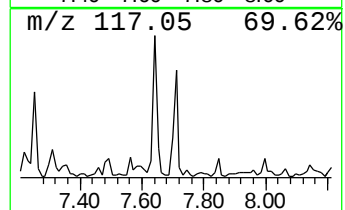
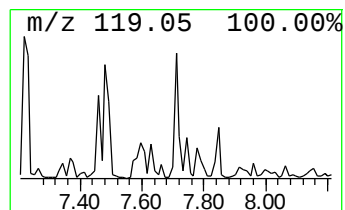
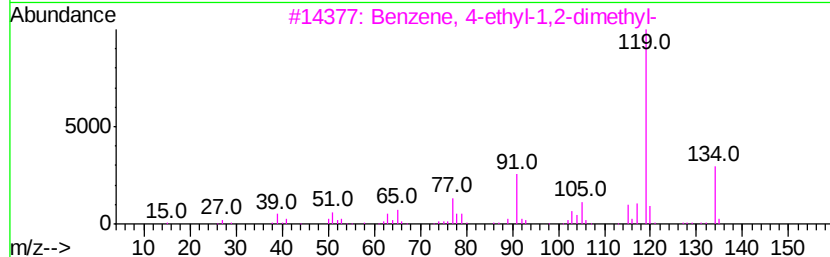
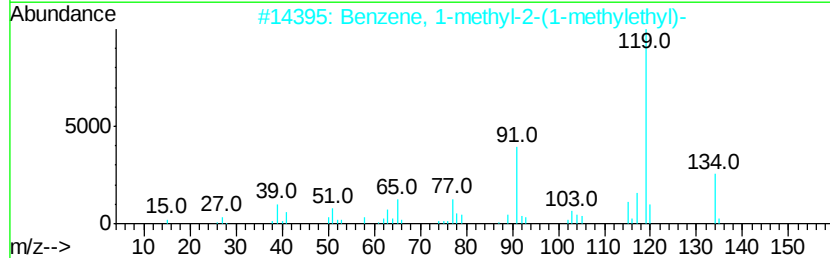
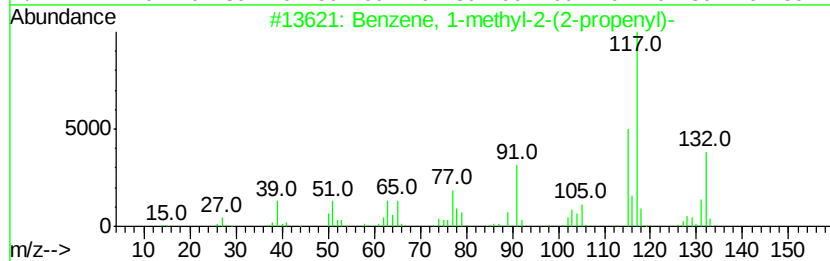
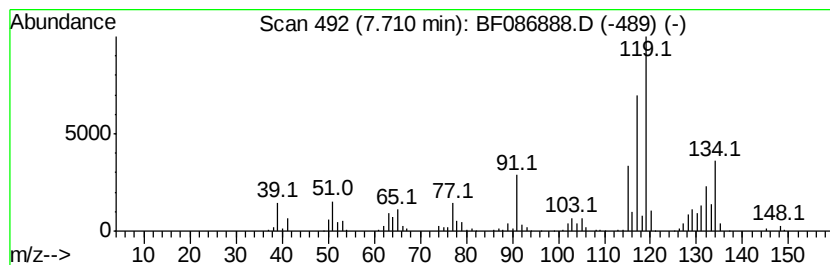
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.17 ng	804720	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
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Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

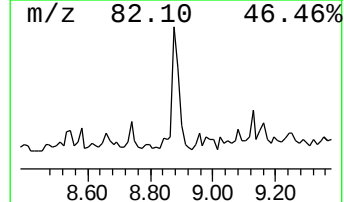
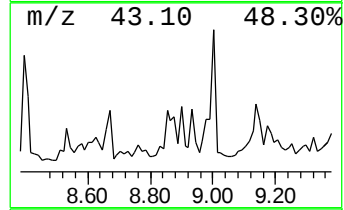
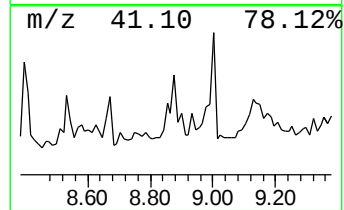
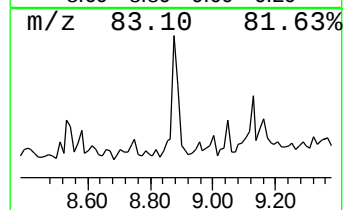
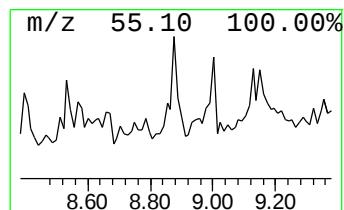
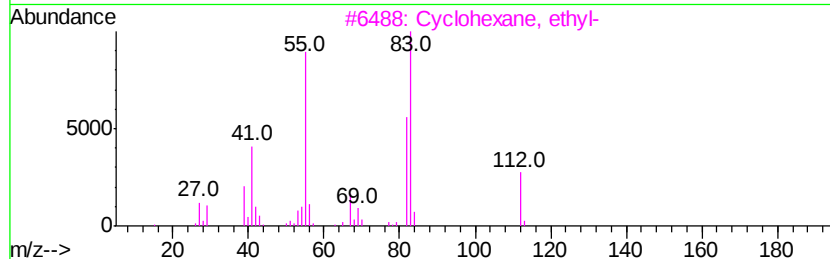
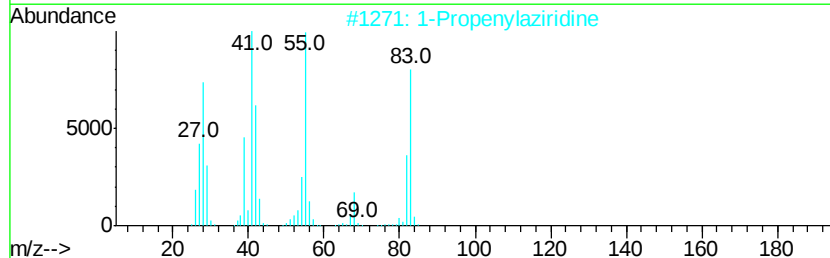
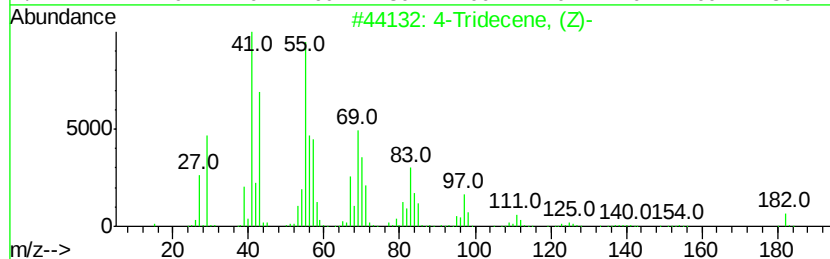
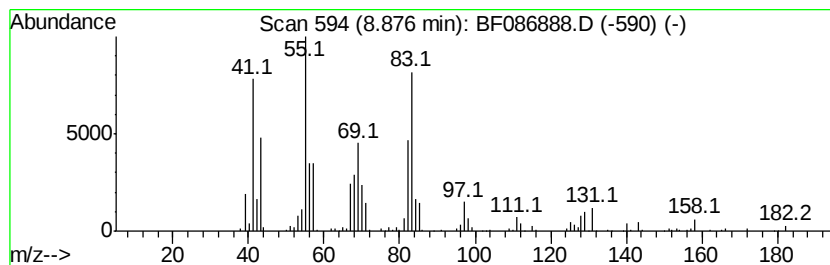
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.88 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	6.27 ng	460354	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Tridecene, (Z)-	182	C13H26	041446-54-2	49
2		1-Propenylaziridine	83	C5H9N	1000192-51-0	49
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
4		3-Ethyl-2-hexene	112	C8H16	000620-00-8	38
5		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
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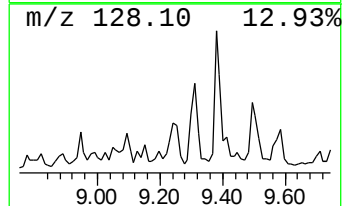
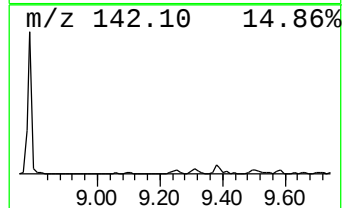
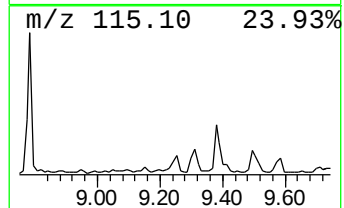
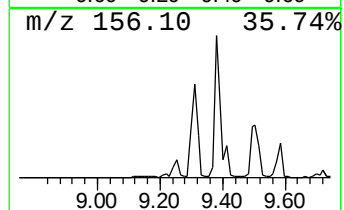
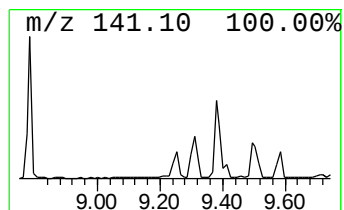
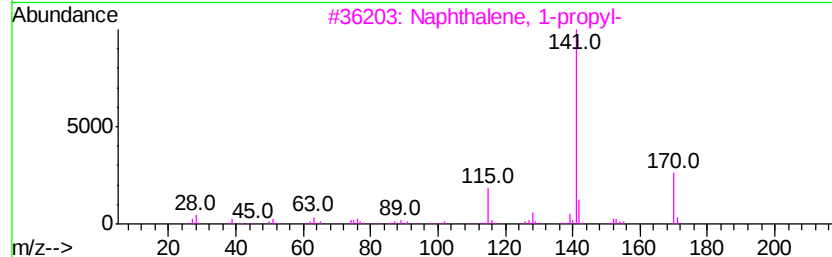
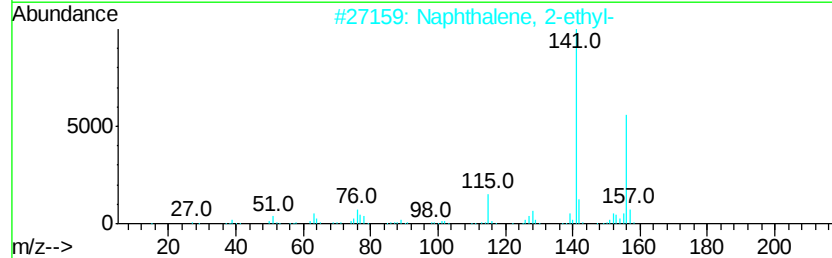
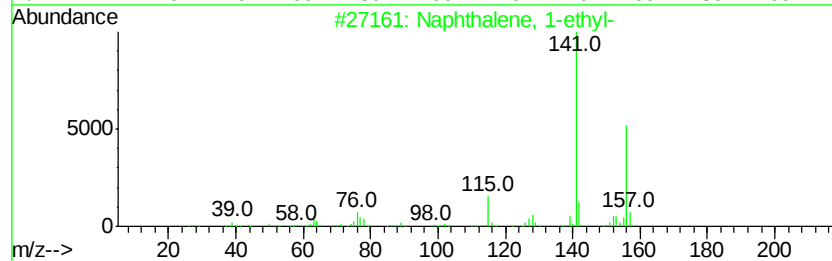
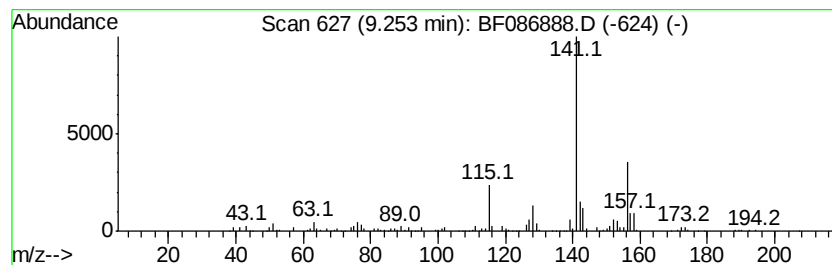
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	7.10 ng	520806	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 87
3		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 53
4		Benzenemethanol, 2-chloro-.alpha...	156 C8H9ClO	013524-04-4 50
5		Naphthalene, 2-butyl-	184 C14H16	001134-62-9 42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
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Instrument :
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

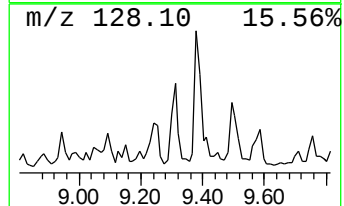
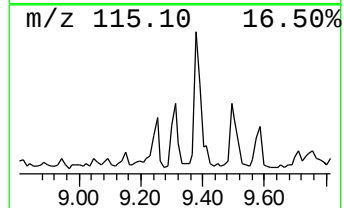
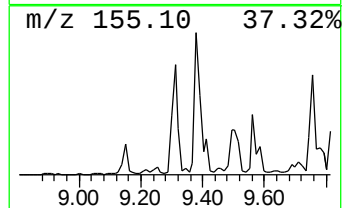
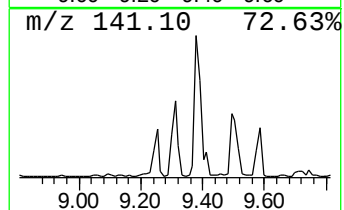
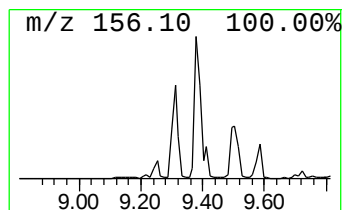
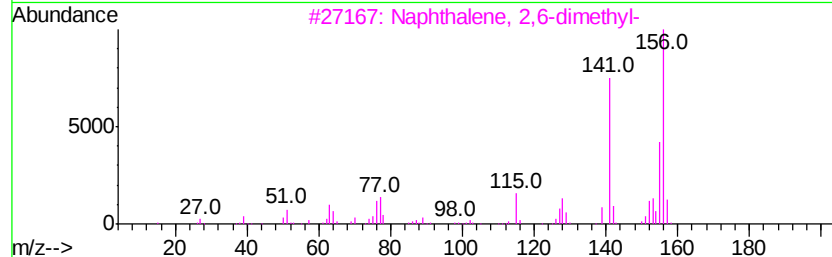
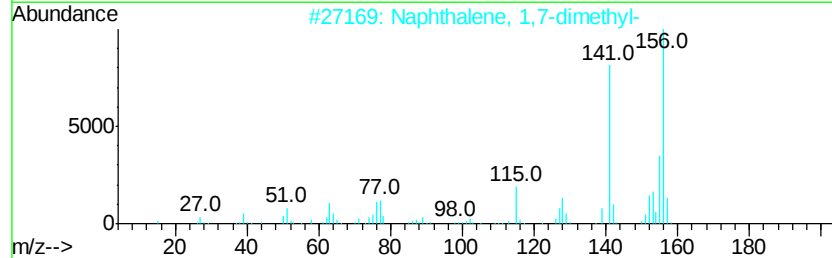
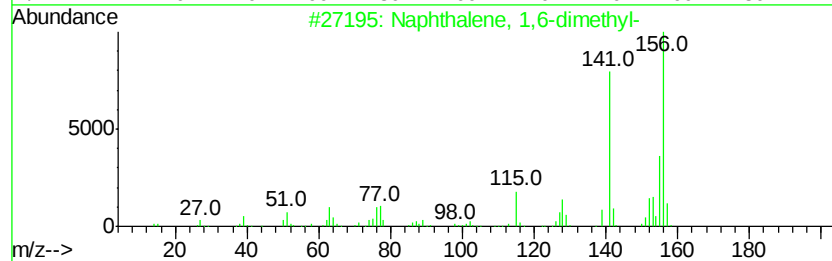
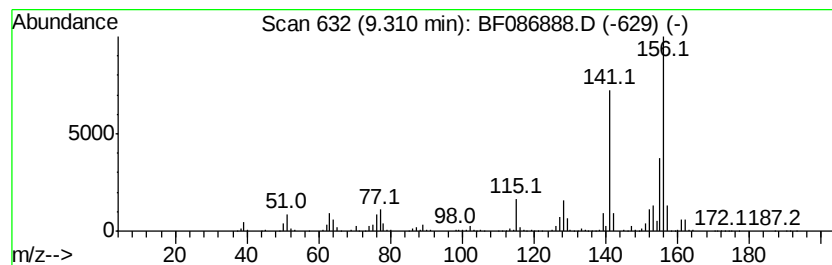
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	16.65 ng	1221570	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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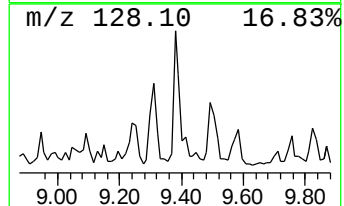
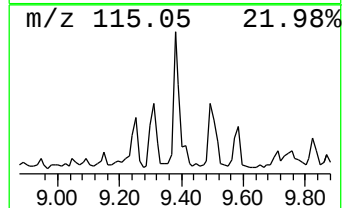
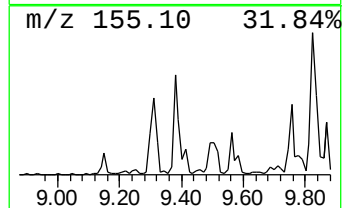
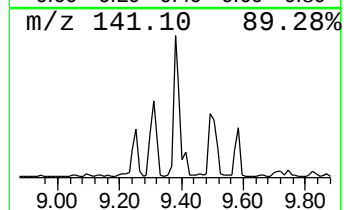
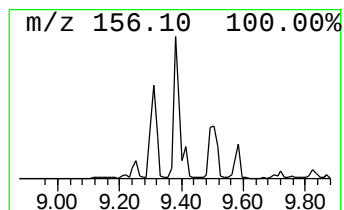
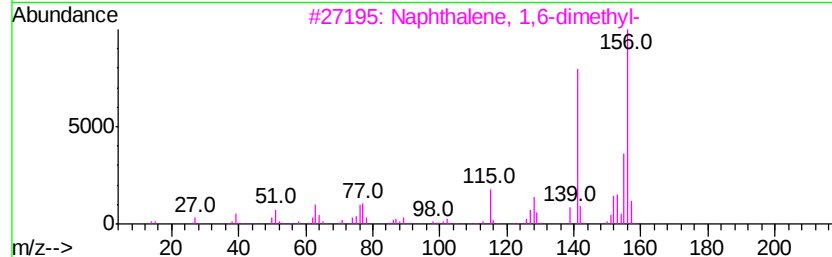
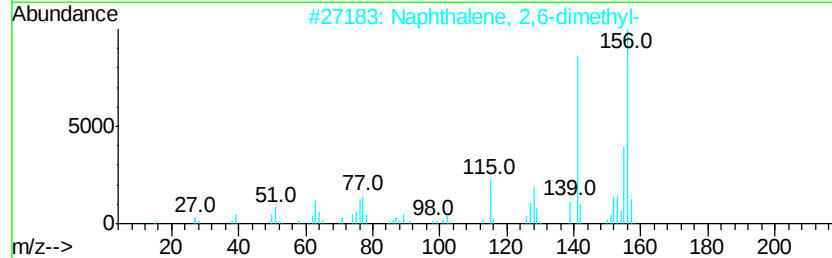
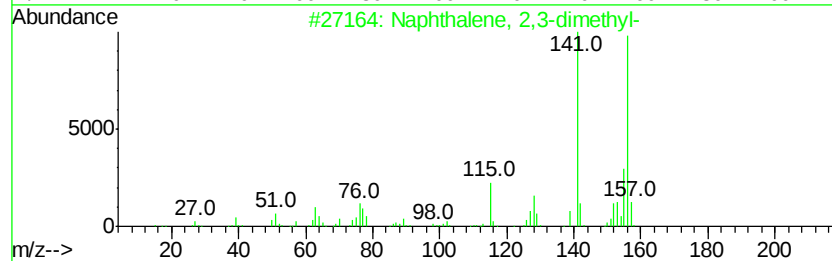
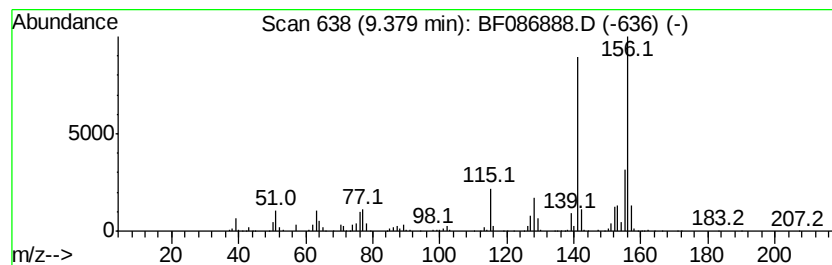
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	22.74 ng	1668090	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

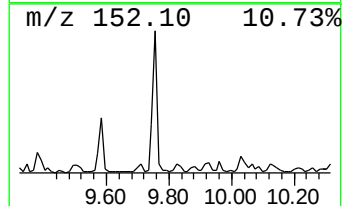
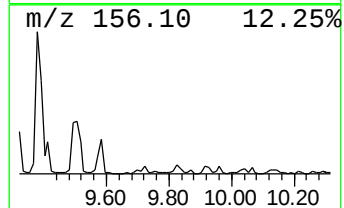
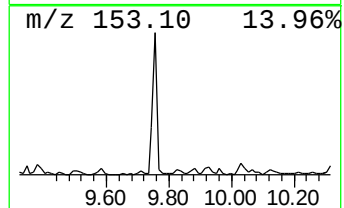
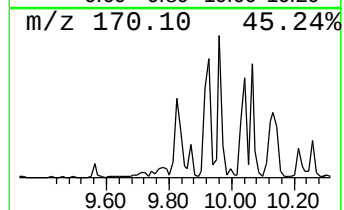
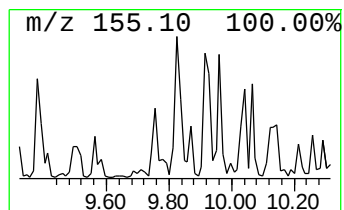
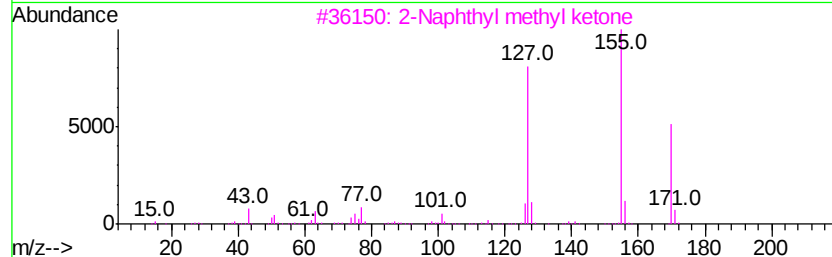
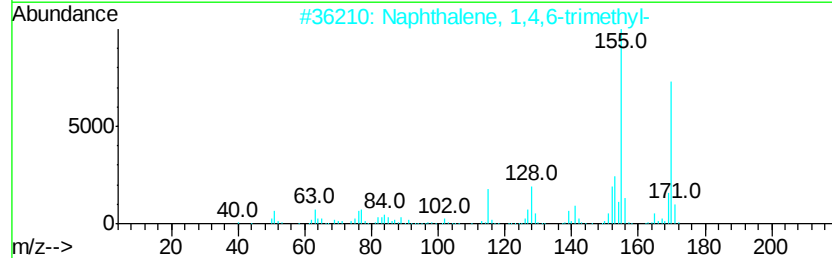
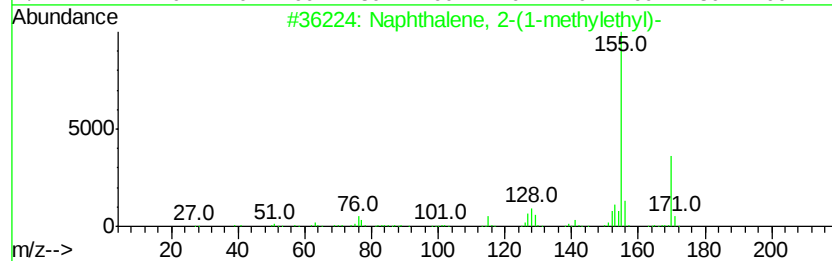
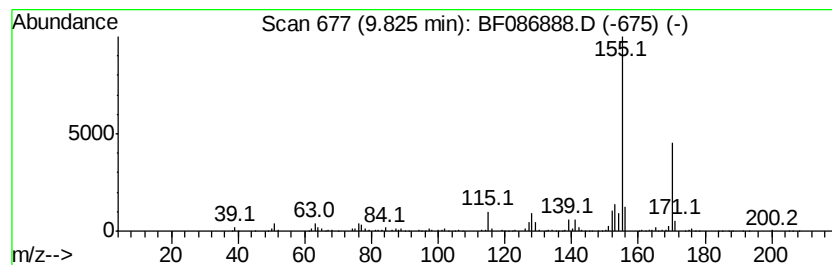
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.94 ng	509074	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

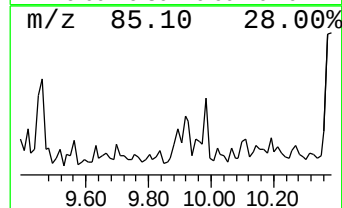
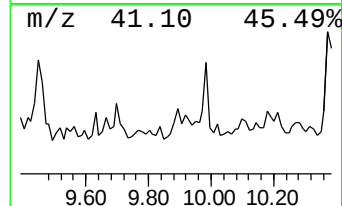
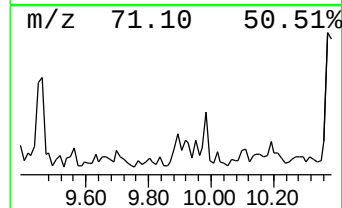
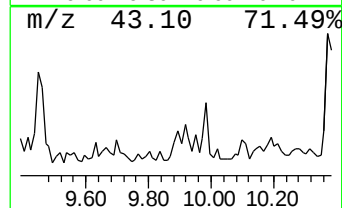
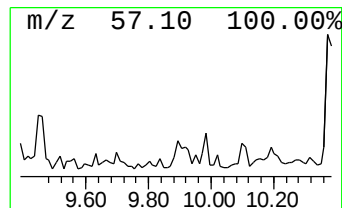
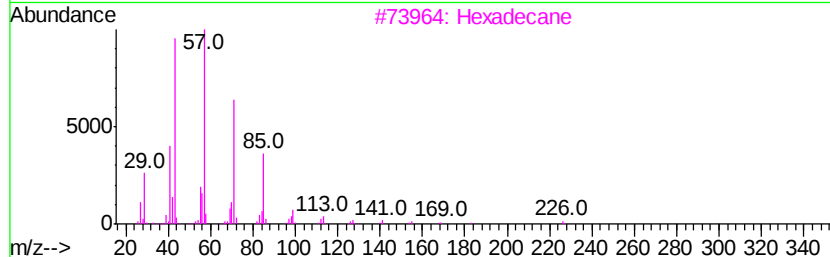
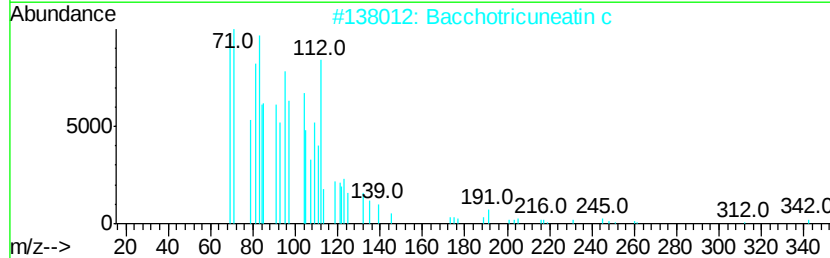
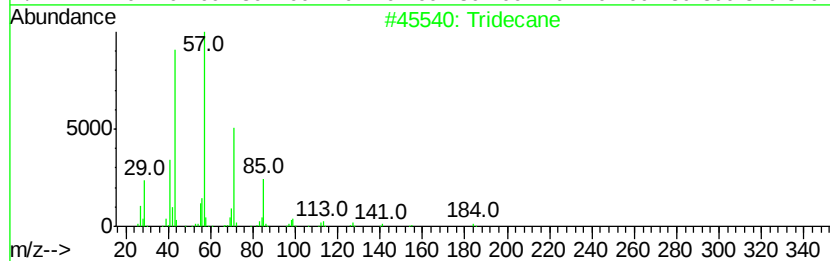
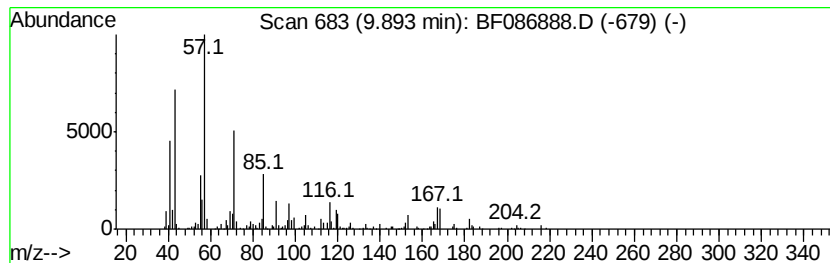
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.29 ng	461820	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	50
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
3			Hexadecane	226	C16H34	000544-76-3	49
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5			Tetradecane	198	C14H30	000629-59-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-3

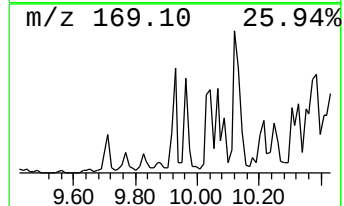
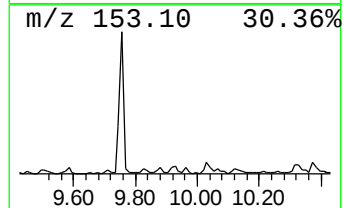
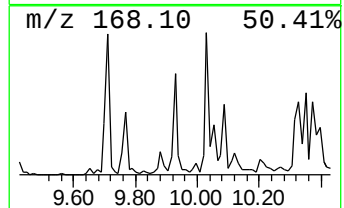
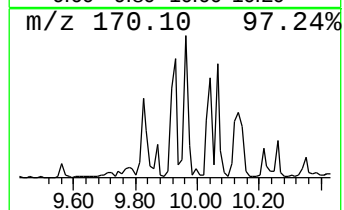
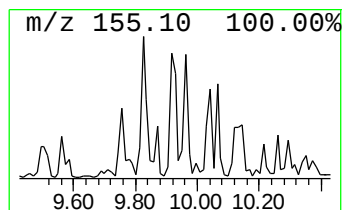
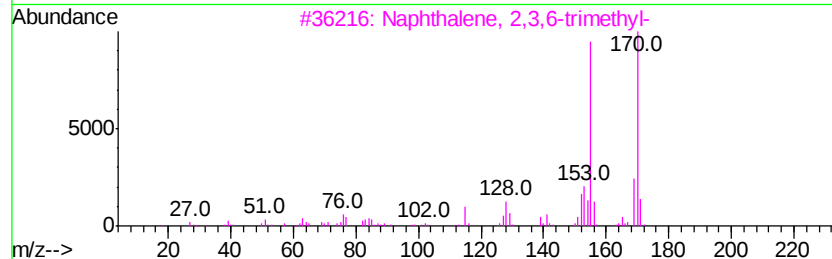
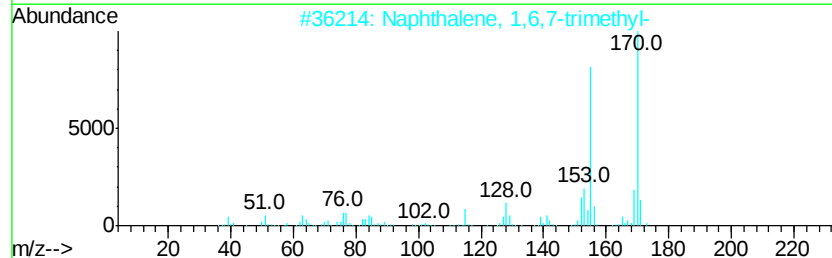
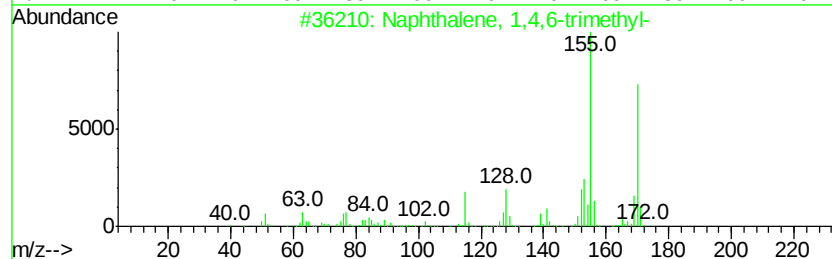
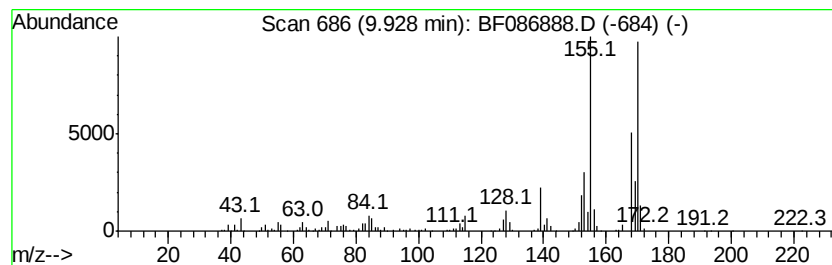
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	10.04 ng	736881	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

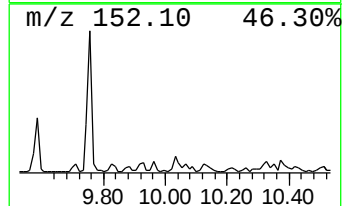
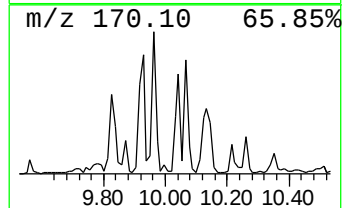
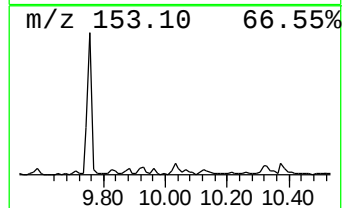
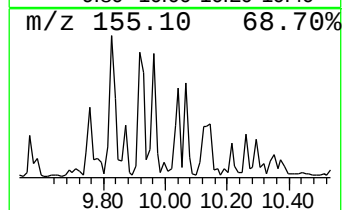
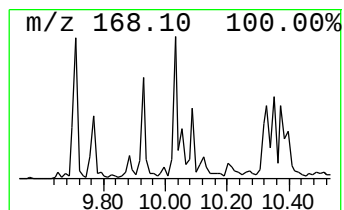
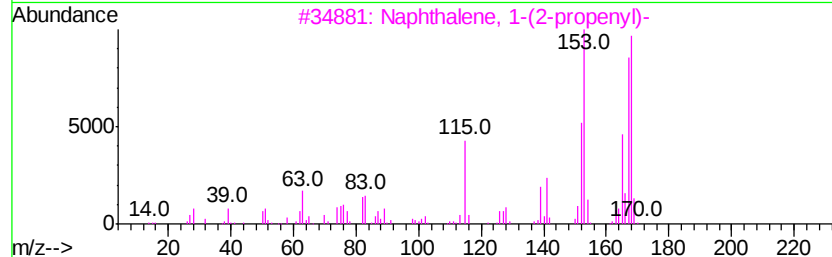
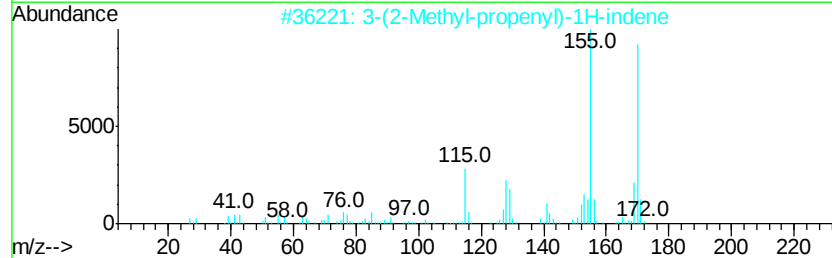
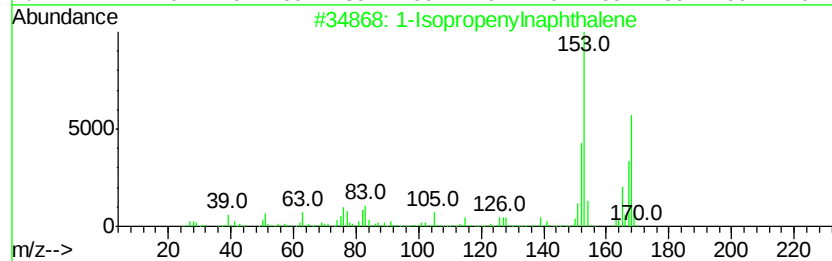
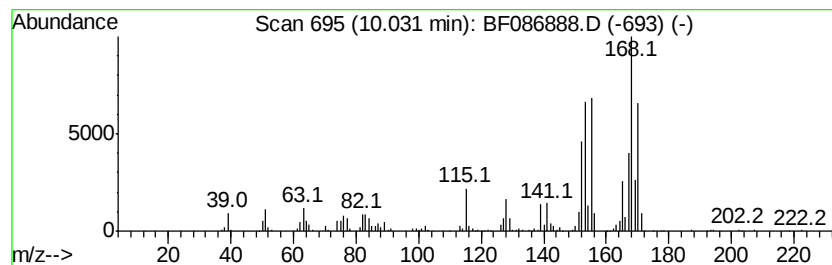
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	9.42 ng	691037	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 53
2		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 51
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 43
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 43
5		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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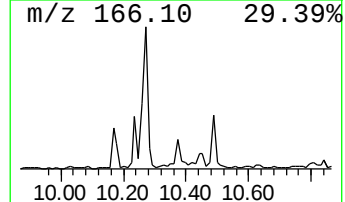
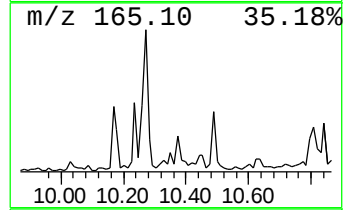
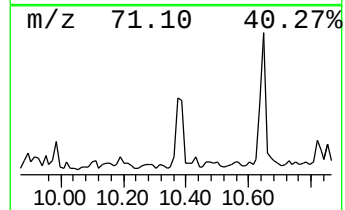
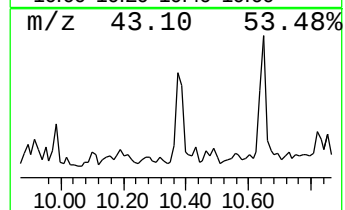
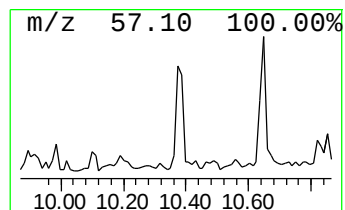
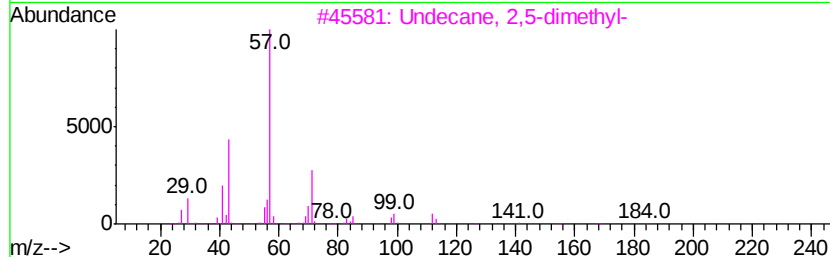
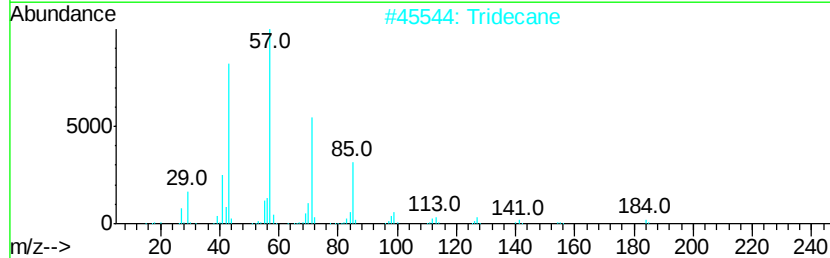
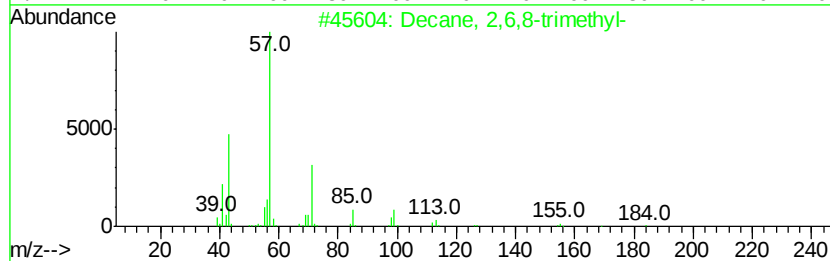
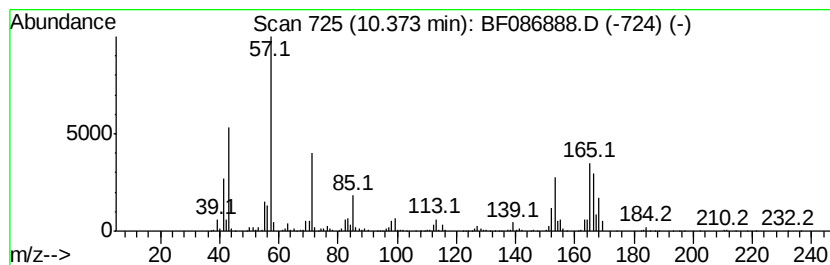
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	17.42 ng	1278150	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	46
2		Tridecane	184	C13H28	000629-50-5	38
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Operator : UM/SJ
Sample : H2961-01 5X
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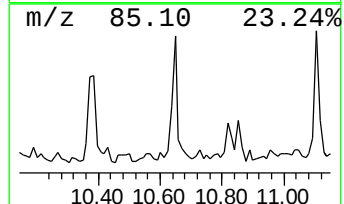
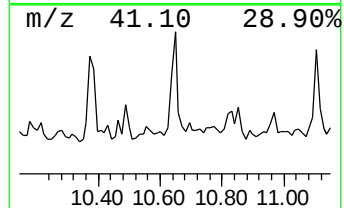
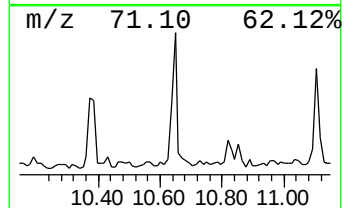
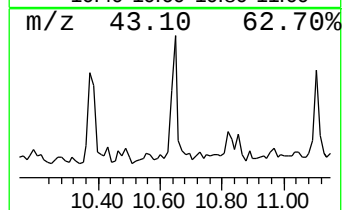
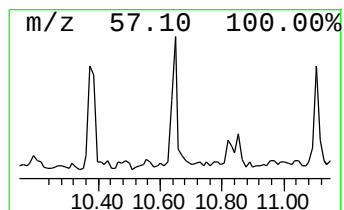
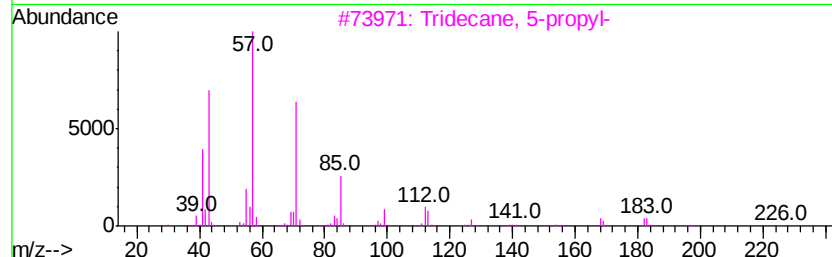
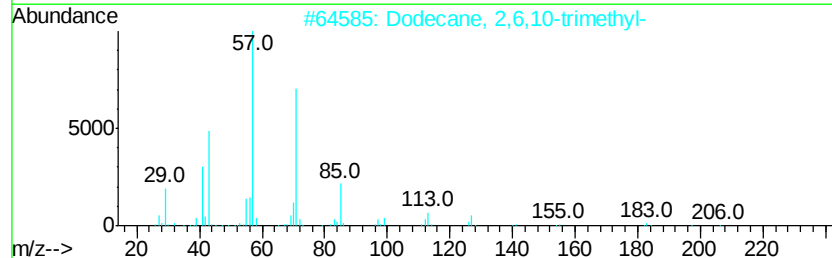
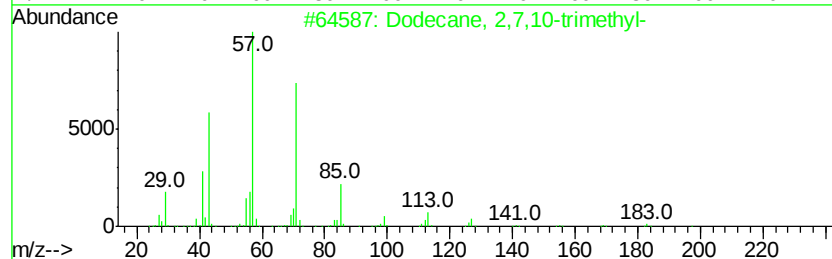
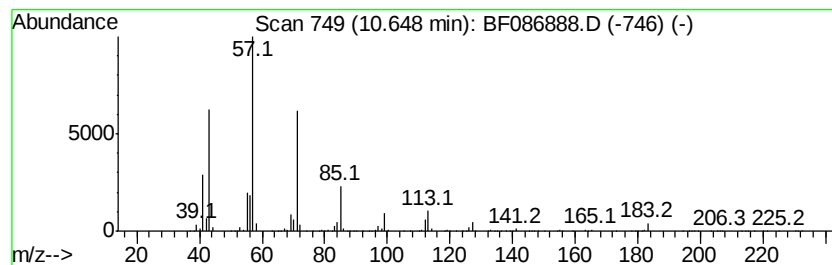
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.65	6.81 ng	1328340	Phenanthrene-d10		11.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane,	2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane,	2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Tridecane,	5-propyl-	226	C16H34	055045-11-9	78
4	Tridecane,	3-methyl-	198	C14H30	006418-41-3	62
5	Octadecane,	2,6-dimethyl-	282	C20H42	075163-97-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086888.D
Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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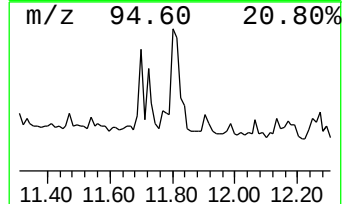
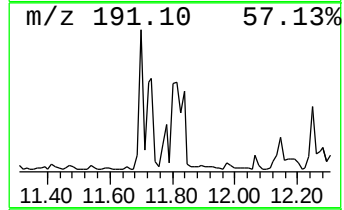
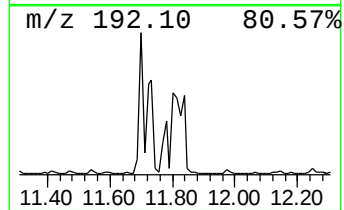
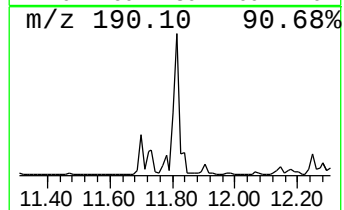
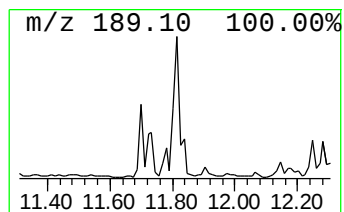
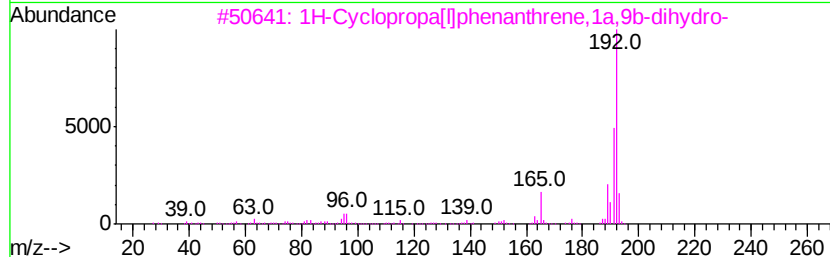
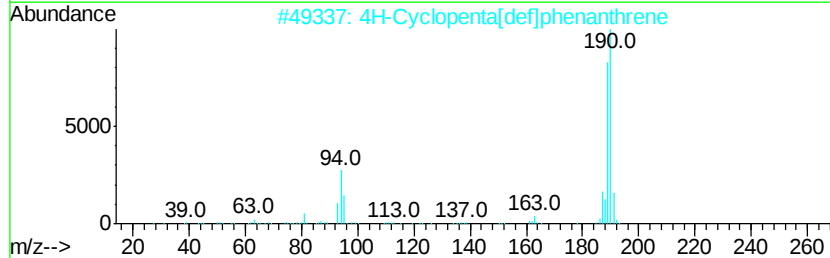
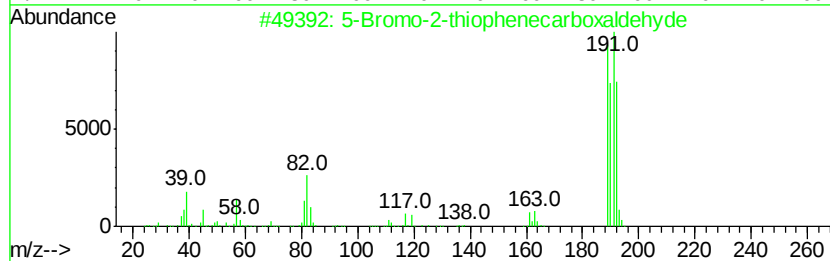
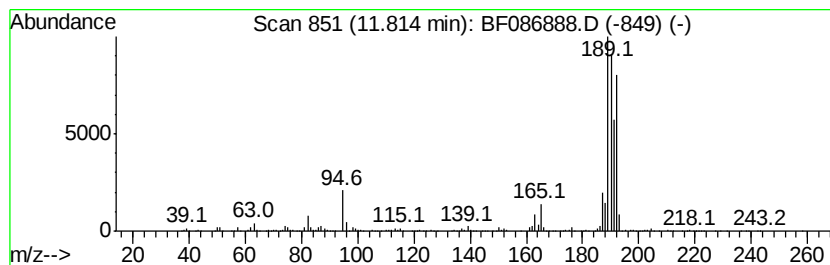
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-2-thiophenecarboxal... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.46 ng	1651540	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3			1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	38
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
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Acq On : 11 May 2016 8:33
Operator : UM/SJ
Sample : H2961-01 5X
Misc :
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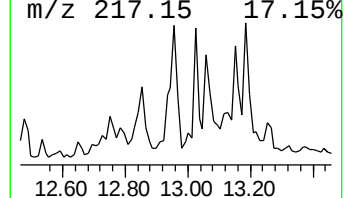
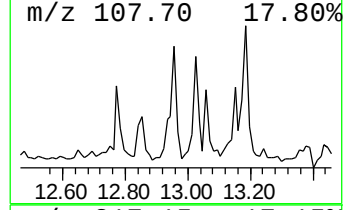
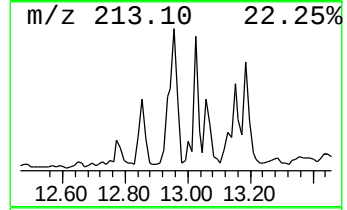
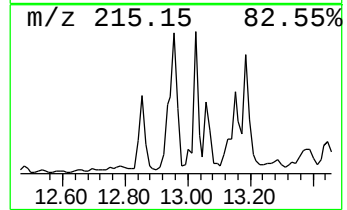
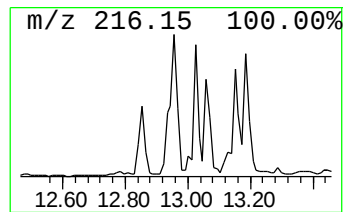
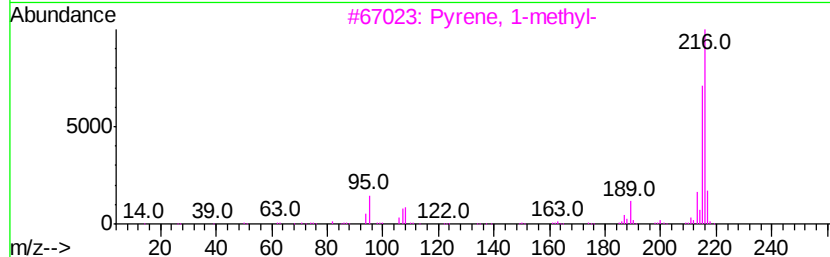
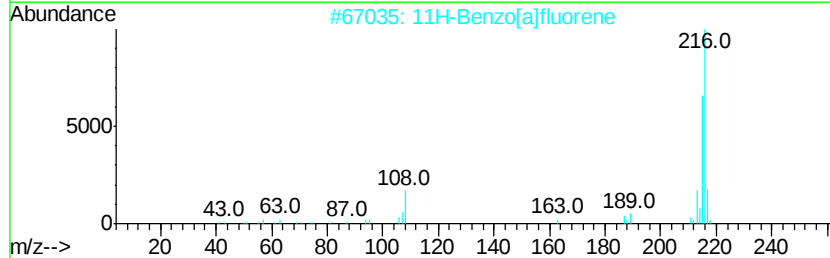
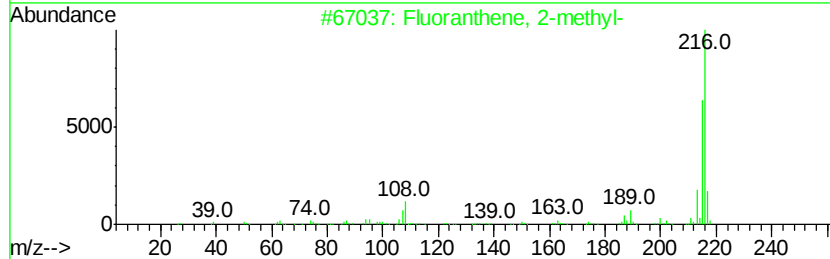
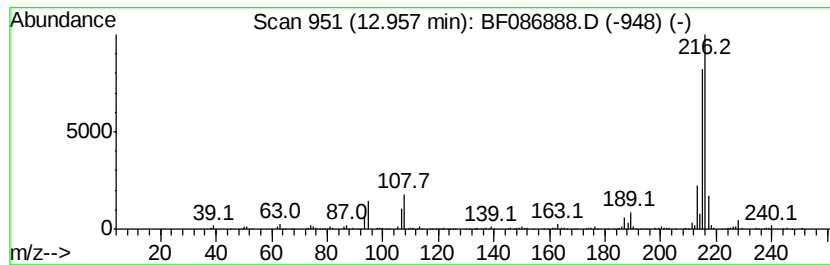
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.96	6.86 ng	497526	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pvrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
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 Acq On : 11 May 2016 8:33
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 Sample : H2961-01 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
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Benzene, 1,2,4-tr...	6.50	8.6	ng	487746	1	6.68	1128670	20.0
Benzene, 1,3-diet...	7.00	7.0	ng	394146	1	6.68	1128670	20.0
Benzene, 1-methyl...	7.71	6.2	ng	804720	2	7.97	2610470	20.0
unknown8.88	8.88	6.3	ng	460354	3	9.72	1467330	20.0
Naphthalene, 1-et...	9.25	7.1	ng	520806	3	9.72	1467330	20.0
Naphthalene, 1,6-...	9.31	16.6	ng	1221570	3	9.72	1467330	20.0
Naphthalene, 2,3-...	9.38	22.7	ng	1668090	3	9.72	1467330	20.0
Naphthalene, 2-(1...	9.82	6.9	ng	509074	3	9.72	1467330	20.0
Tridecane	9.89	6.3	ng	461820	3	9.72	1467330	20.0
Naphthalene, 1,4,...	9.93	10.0	ng	736881	3	9.72	1467330	20.0
1-Isopropenylnaph...	10.03	9.4	ng	691037	3	9.72	1467330	20.0
unknown10.37	10.37	17.4	ng	1278150	3	9.72	1467330	20.0
Dodecane, 2,7,10-...	10.65	6.8	ng	1328340	4	11.20	3903050	20.0
5-Bromo-2-thiophe...	11.81	8.5	ng	1651540	4	11.20	3903050	20.0
Fluoranthene, 2-m...	12.96	6.9	ng	497526	5	13.83	1450040	20.0