

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084363.D
 Acq On : 10 Jan 2016 14:27
 Operator : SJ/UM
 Sample : H1043-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5N(0-10)

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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.047	256	259	266	rVB	1373517	2029322	20.14%	1.266%
2	5.470	293	296	299	rBV	5453073	6880430	68.27%	4.294%
3	6.384	374	376	378	rBV	354314	366270	3.63%	0.229%
4	6.510	384	387	389	rBV	6599884	7574446	75.16%	4.727%
5	6.636	395	398	400	rVB	5220183	7340303	72.84%	4.581%
6	6.762	406	409	411	rBV2	72065	117840	1.17%	0.074%
7	6.819	411	414	415	rBV3	145442	237850	2.36%	0.148%
8	6.853	415	417	421	rVB	2093020	1829878	18.16%	1.142%
9	6.922	421	423	424	rBV2	128890	162518	1.61%	0.101%
10	7.013	429	431	433	rBV	6060680	5293660	52.53%	3.303%
11	7.127	439	441	443	rVB2	468286	407936	4.05%	0.255%
12	7.230	446	450	452	rBV3	125018	257389	2.55%	0.161%
13	7.287	452	455	457	rBV2	309285	445788	4.42%	0.278%
14	7.379	461	463	464	rBV	489962	684071	6.79%	0.427%
15	7.425	464	467	469	rVB	4663183	4676633	46.41%	2.918%
16	7.459	469	470	472	rVB2	253392	209717	2.08%	0.131%
17	7.505	472	474	475	rBV	422938	444802	4.41%	0.278%
18	7.550	475	478	480	rBV3	282460	476735	4.73%	0.297%
19	7.607	482	483	484	rBV	150324	184505	1.83%	0.115%
20	7.642	484	486	487	rVB	126566	129664	1.29%	0.081%
21	7.665	487	488	490	rVB	275629	208561	2.07%	0.130%
22	7.733	491	494	497	rVB2	285268	591750	5.87%	0.369%
23	7.779	497	498	500	rVB2	967753	836130	8.30%	0.522%
24	7.836	500	503	504	rBV3	192899	315951	3.14%	0.197%
25	7.905	506	509	510	rBV3	240018	373877	3.71%	0.233%
26	7.962	511	514	517	rBV3	271038	621835	6.17%	0.388%
27	8.053	517	522	524	rBV5	373986	1024101	10.16%	0.639%
28	8.087	524	525	526	rBV	245957	186951	1.86%	0.117%
29	8.145	526	530	531	rBV	2970279	3384649	33.59%	2.112%
30	8.213	534	536	537	rVB	525318	435522	4.32%	0.272%
31	8.247	537	539	540	rBV2	147050	193291	1.92%	0.121%
32	8.270	540	541	542	rVB	353977	242828	2.41%	0.152%
33	8.305	542	544	547	rBV3	418613	874193	8.67%	0.546%
34	8.350	547	548	549	rVB	1402599	961482	9.54%	0.600%

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35	8.373	549	550	552	rVB2	196589	219890	2.18%	0.137%
36	8.430	552	555	557	rBV4	502943	1059084	10.51%	0.661%
37	8.499	559	561	563	rBV3	464579	825153	8.19%	0.515%
38	8.533	563	564	565	rVB	405688	278302	2.76%	0.174%
39	8.579	565	568	572	rBV2	4294389	7501145	74.43%	4.681%
40	8.648	572	574	576	rVB3	750622	876995	8.70%	0.547%
41	8.693	576	578	580	rBV2	1256024	1907490	18.93%	1.190%
42	8.773	582	585	587	rBV4	591626	1571499	15.59%	0.981%
43	8.842	588	591	592	rVB	958784	1452984	14.42%	0.907%
44	8.899	594	596	597	rBV2	829001	1064662	10.56%	0.664%
45	8.945	597	600	602	rBV3	1048122	2029976	20.14%	1.267%
46	9.025	606	607	609	rBV2	507841	932853	9.26%	0.582%
47	9.139	615	617	618	rVB2	654631	599825	5.95%	0.374%
48	9.173	618	620	622	rBV	5630725	5430422	53.89%	3.389%
49	9.219	622	624	626	rVB	4613315	6393792	63.45%	3.990%
50	9.265	626	628	629	rVB	159438	172614	1.71%	0.108%
51	9.299	629	631	634	rBV2	2016341	3323725	32.98%	2.074%
52	9.368	634	637	638	rBV3	789825	1347701	13.37%	0.841%
53	9.402	638	640	641	rBV2	428728	492003	4.88%	0.307%
54	9.493	647	648	650	rBV2	594136	990799	9.83%	0.618%
55	9.630	657	660	662	rBV3	6048943	9523227	94.50%	5.943%
56	9.722	666	668	670	rBV3	705657	1138525	11.30%	0.710%
57	9.768	670	672	675	rBV4	1226813	2133927	21.17%	1.332%
58	9.813	675	676	678	rVB2	2392717	1792432	17.79%	1.119%
59	9.905	680	684	685	rVB3	2199327	3397718	33.72%	2.120%
60	9.939	685	687	688	rBV2	849200	1012632	10.05%	0.632%
61	10.008	692	693	695	rBV2	600909	748403	7.43%	0.467%
62	10.099	699	701	702	rVV2	989847	1100132	10.92%	0.687%
63	10.168	705	707	710	rVB4	1204552	2099566	20.83%	1.310%
64	10.225	710	712	715	rBV2	1709919	2556968	25.37%	1.596%
65	10.271	715	716	717	rBV	701505	632732	6.28%	0.395%
66	10.328	717	721	723	rVB4	1118022	2014490	19.99%	1.257%
67	10.442	729	731	734	rBV3	1346590	1563605	15.52%	0.976%
68	10.556	740	741	744	rVB2	2007741	2274137	22.57%	1.419%
69	10.693	751	753	755	rVB2	3553522	3185869	31.61%	1.988%
70	10.728	755	756	759	rVB2	1001489	1375975	13.65%	0.859%
71	10.785	759	761	762	rBV2	487847	873136	8.66%	0.545%

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72	10.831	762	765	767	rVB	9149652	10077666	100.00%	6.289%
73	10.888	768	770	771	rBV	976296	1091962	10.84%	0.681%
74	11.025	781	782	788	rVB6	1254977	2701005	26.80%	1.686%
75	11.288	803	805	807	rVB	4741241	5746786	57.02%	3.586%
76	11.391	811	814	816	rBV	1649306	1972378	19.57%	1.231%
77	11.505	821	824	825	rBV	736278	1033569	10.26%	0.645%
78	11.642	833	836	837	rBV2	1465251	1856225	18.42%	1.158%
79	12.122	876	878	880	rVB2	354815	374869	3.72%	0.234%
80	12.374	898	900	902	rVB2	345469	478163	4.74%	0.298%
81	12.442	904	906	907	rBV2	372537	436506	4.33%	0.272%
82	12.854	940	942	943	rBV2	444382	453714	4.50%	0.283%
83	12.968	950	952	955	rVB	4030844	4820823	47.84%	3.008%
84	13.871	1029	1031	1038	rVB2	338438	506858	5.03%	0.316%
85	14.019	1041	1044	1045	rBV	1256366	1439583	14.28%	0.898%
86	15.037	1131	1133	1137	rVB	94607	182198	1.81%	0.114%
87	15.448	1166	1169	1171	rBV	860966	1181151	11.72%	0.737%

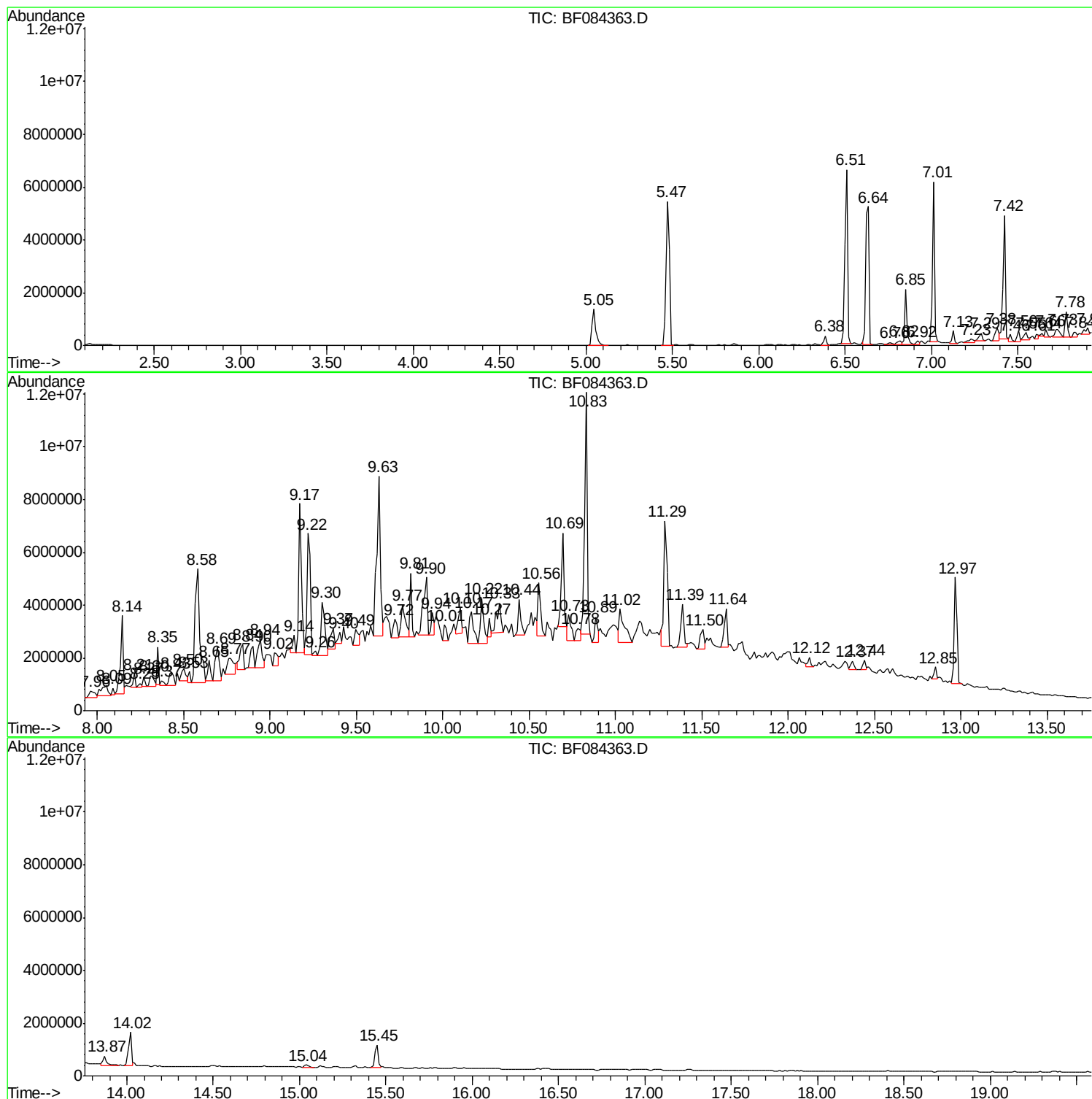
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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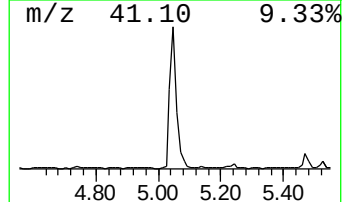
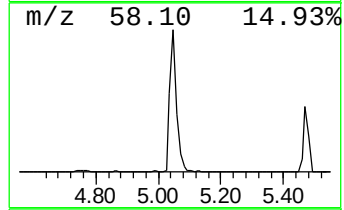
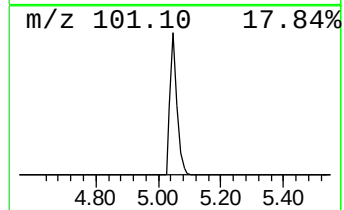
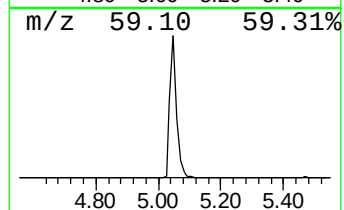
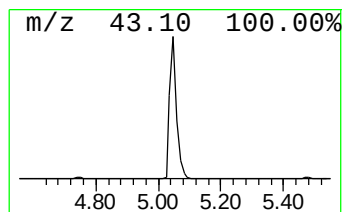
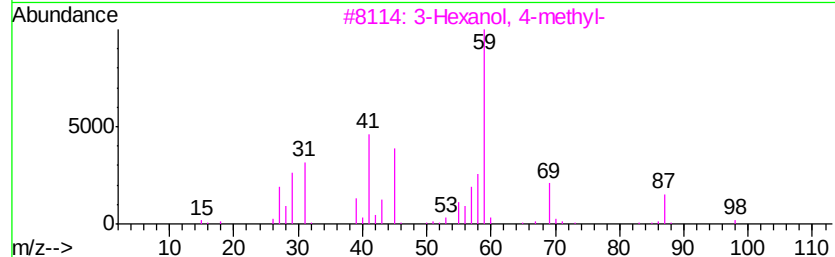
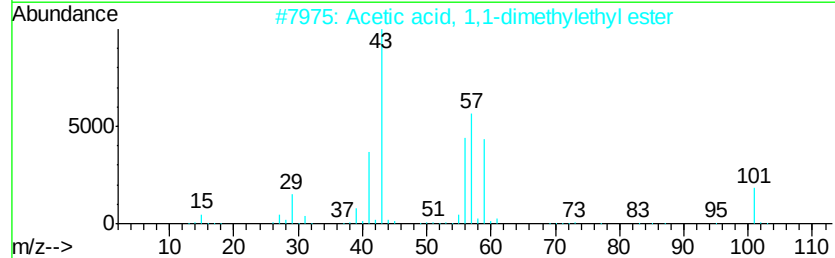
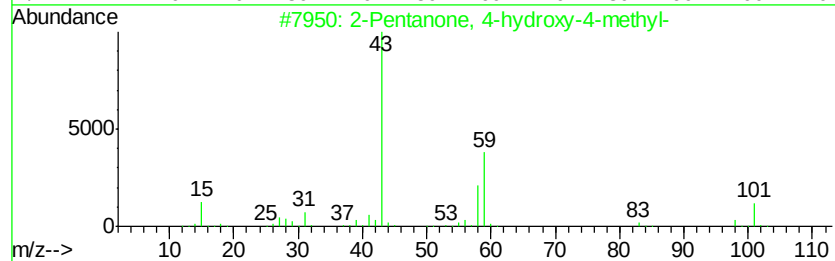
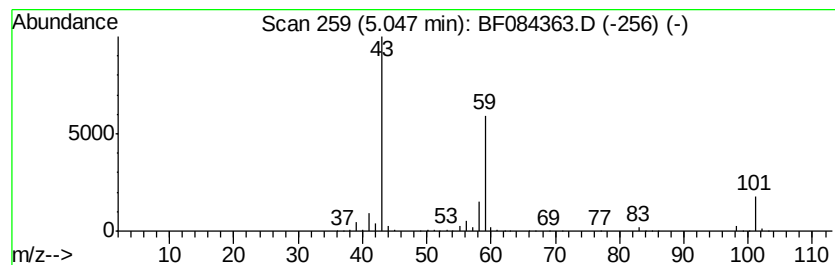
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	22.18 ng	2029320	1,4-Dichlorobenzene-d4	6.85

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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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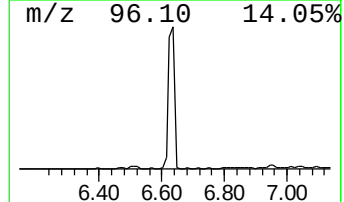
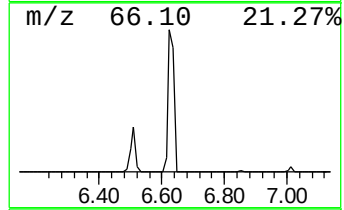
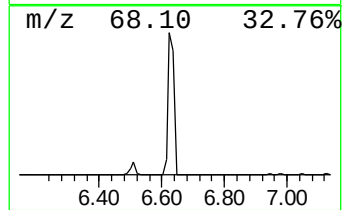
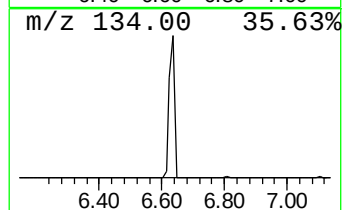
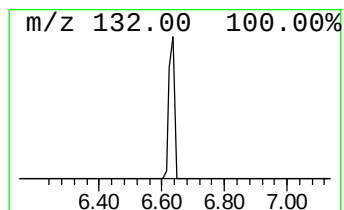
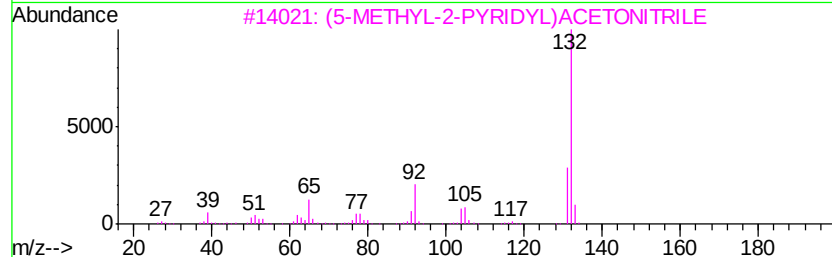
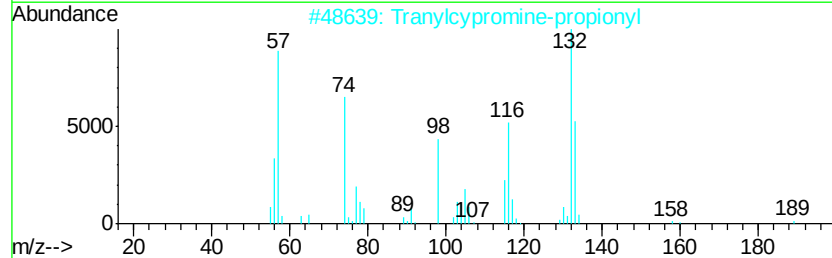
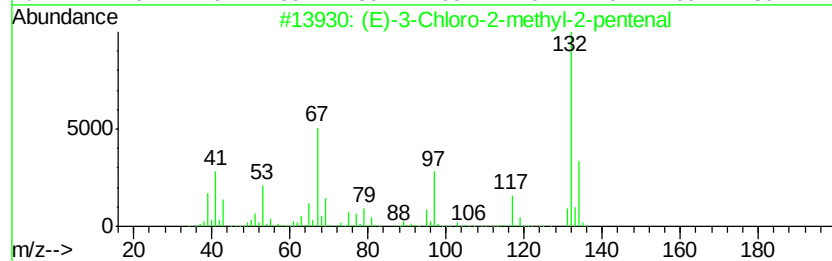
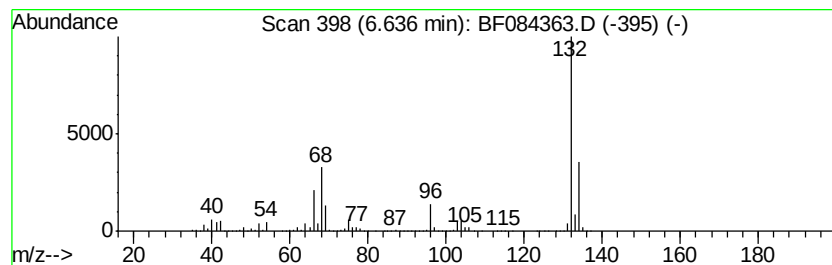
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	80.23 ng	7340300	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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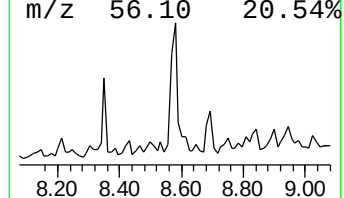
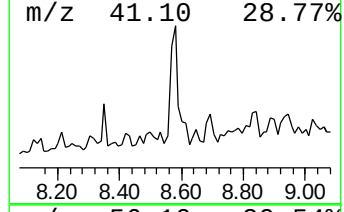
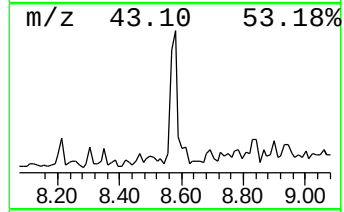
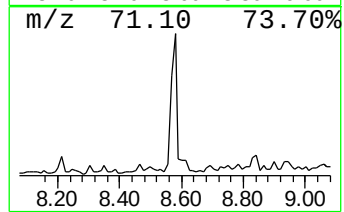
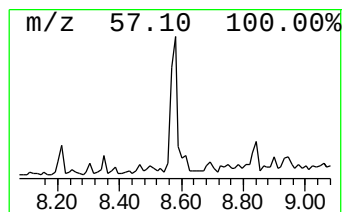
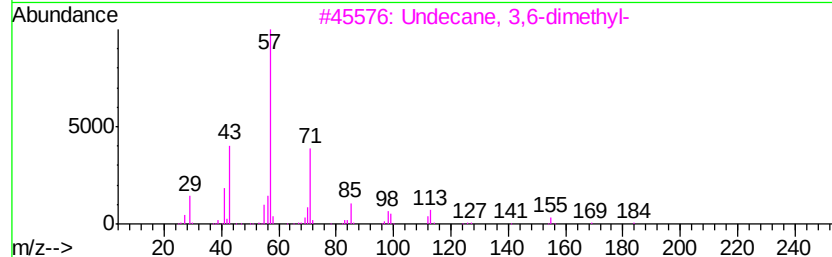
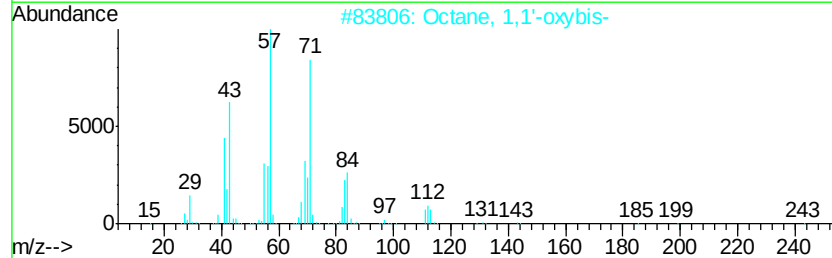
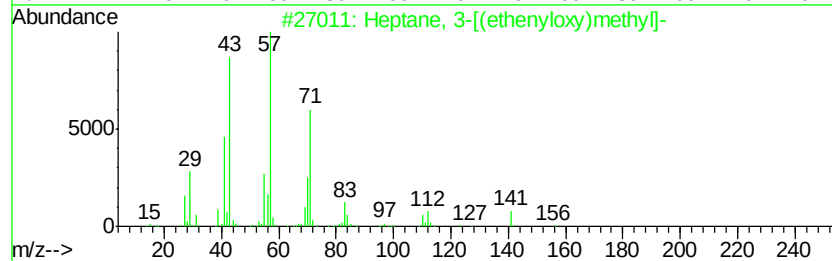
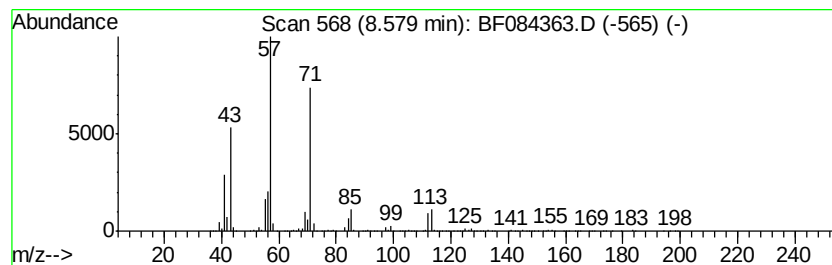
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 3-[(ethenyloxy)met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	44.32 ng	7501150	Naphthalene-d8	8.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72	
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72	
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72	
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72	
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72	



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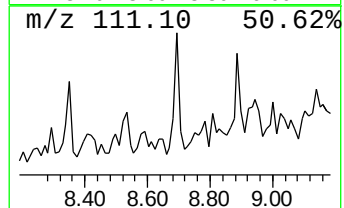
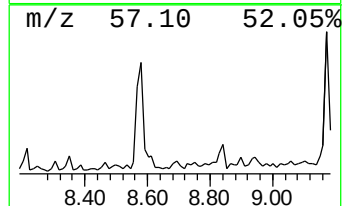
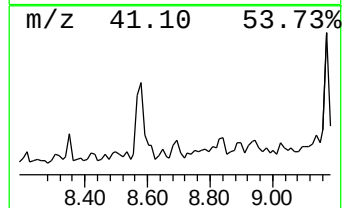
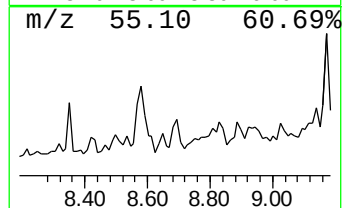
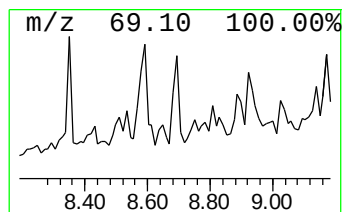
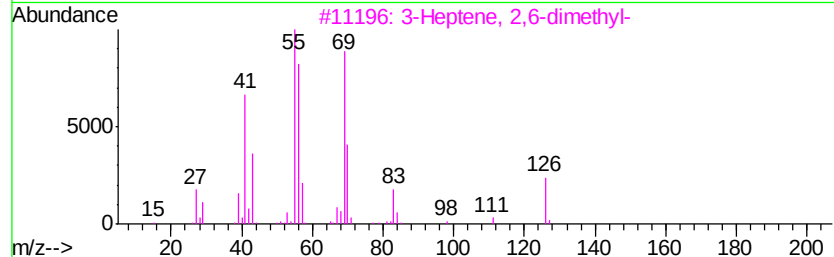
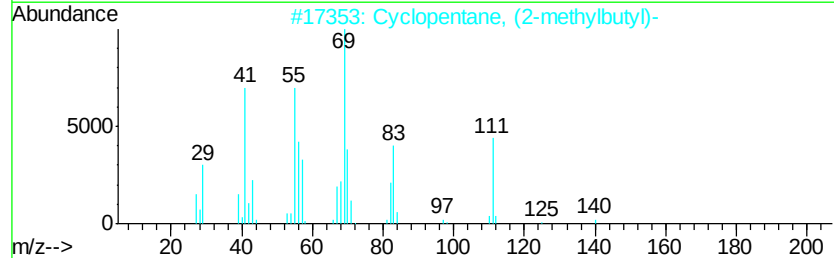
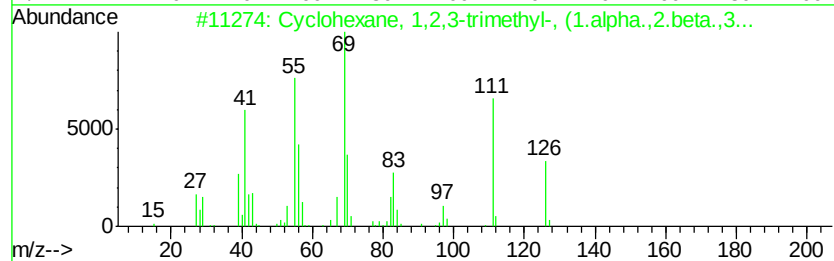
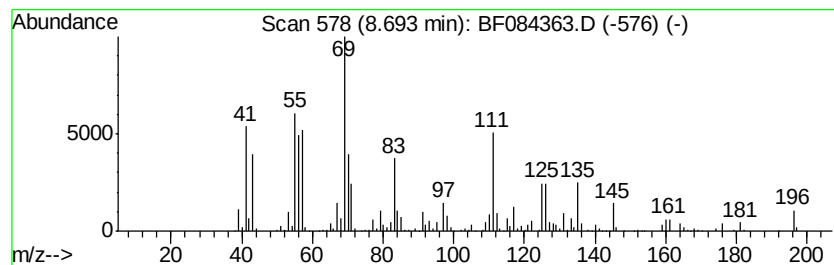
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1,2,3-trimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	11.27 ng	1907490	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
5		2-Methyl-2-octene	126	C9H18	016993-86-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5N(0-10)

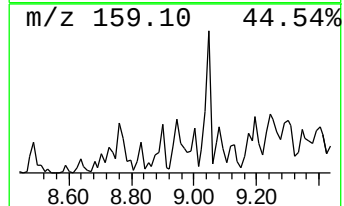
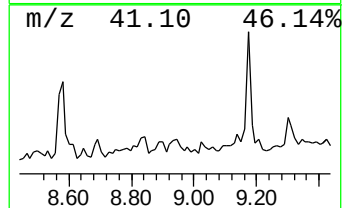
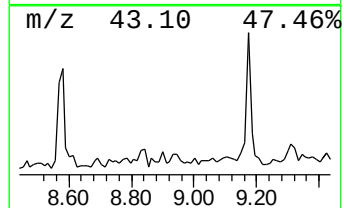
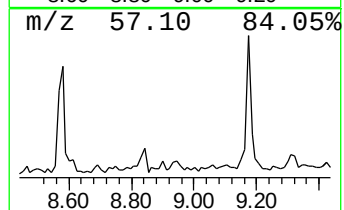
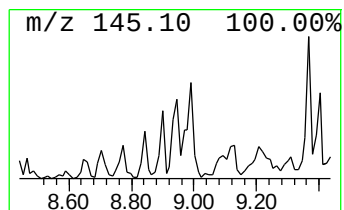
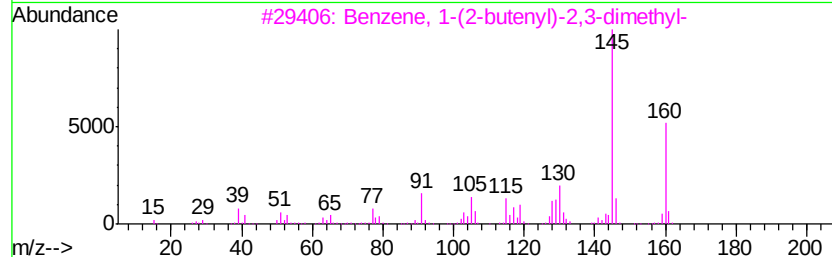
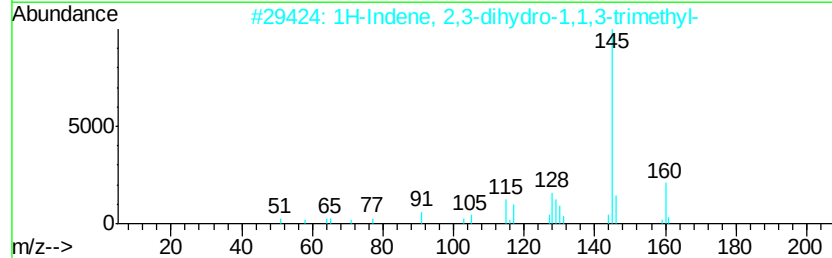
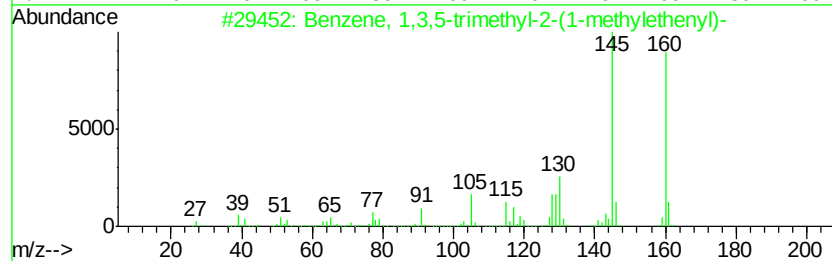
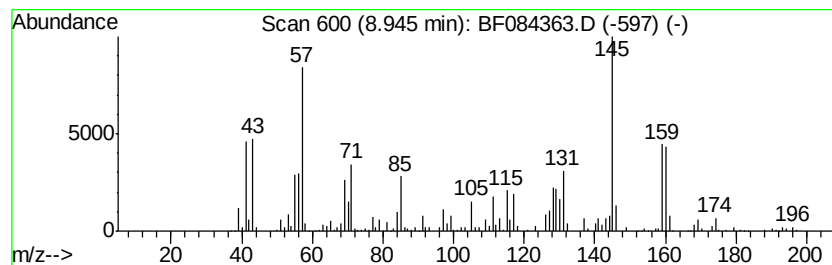
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	12.00 ng	2029980	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
4		1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
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ClientSampleId :
SB-5N(0-10)

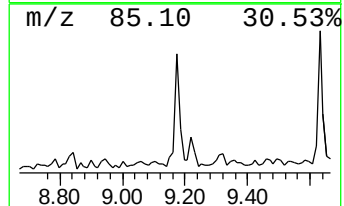
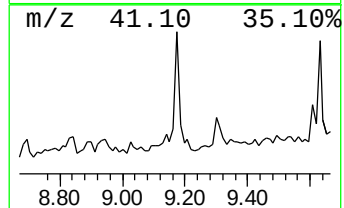
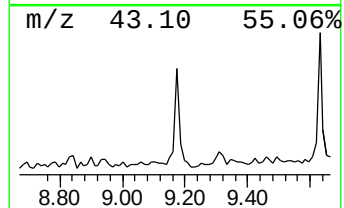
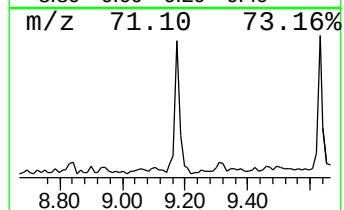
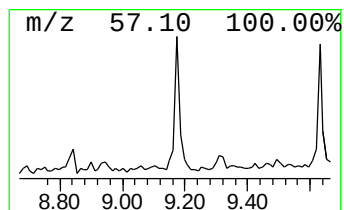
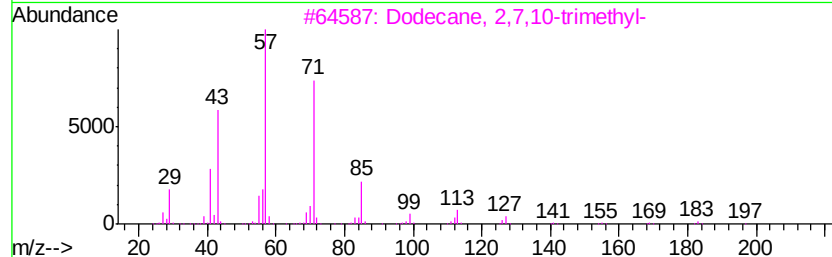
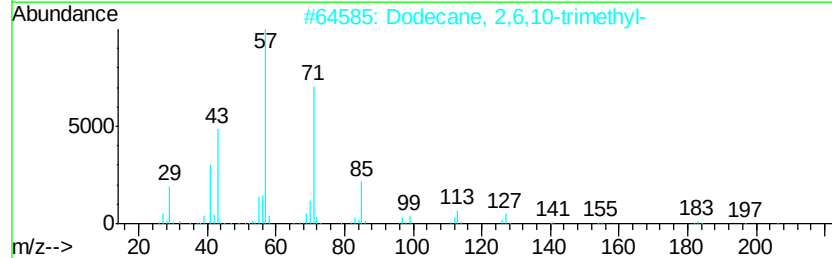
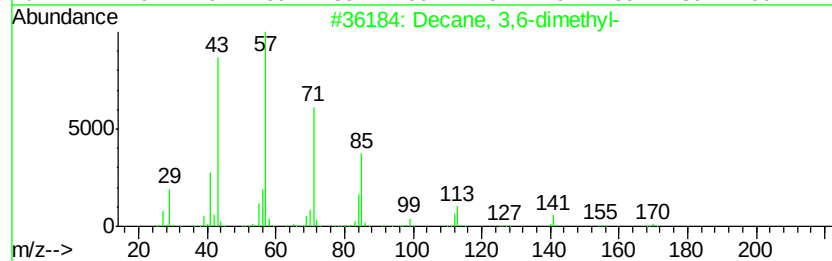
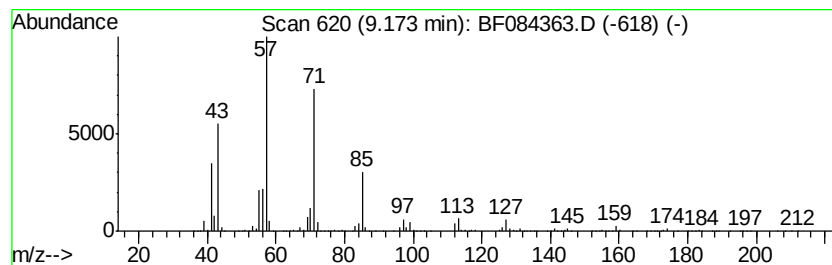
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	31.97 ng	5430420	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane	170	C12H26	000112-40-3	83
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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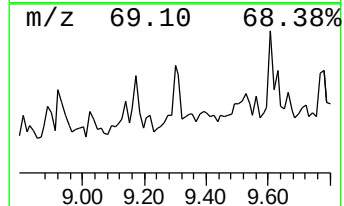
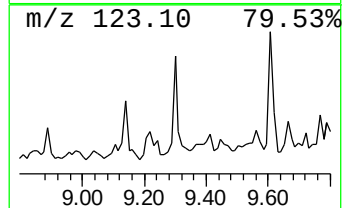
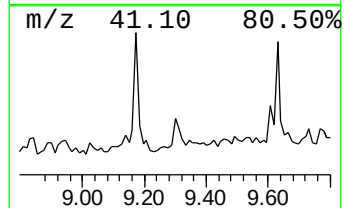
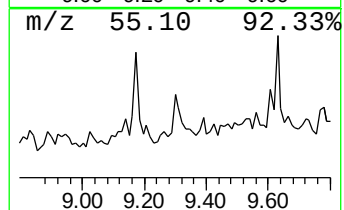
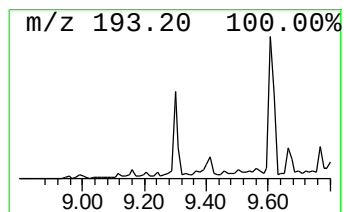
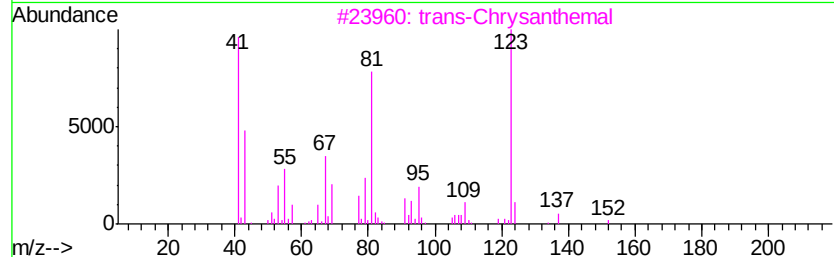
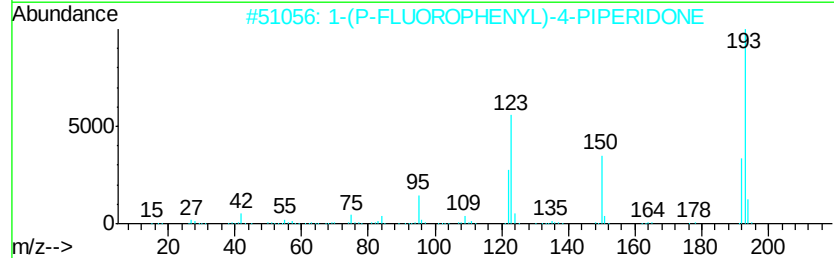
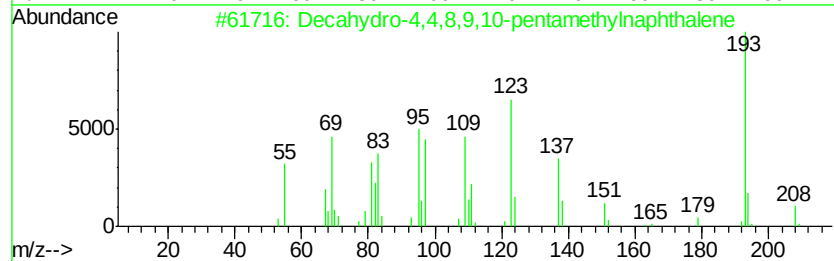
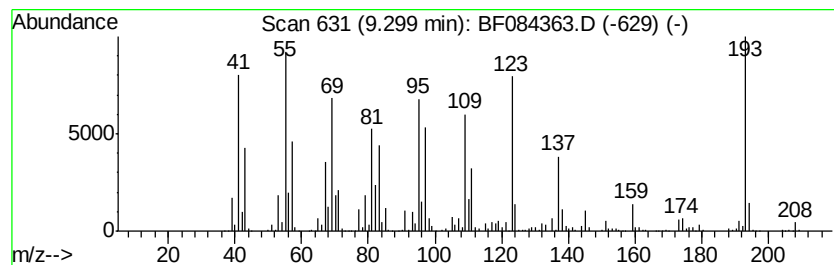
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	19.56 ng	3323730	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FN0	1000238-56-7	38
3		trans-Chrysanthemal	152	C10H16O	020104-05-6	25
4		Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	22
5		Naphthalene, 2-(1,1-dimethylethy...	208	C15H28	054934-96-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
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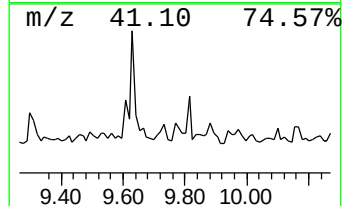
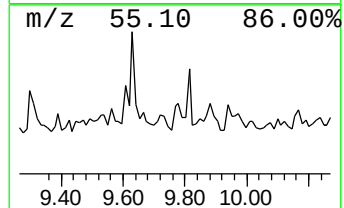
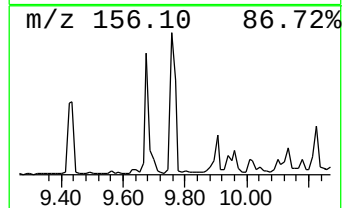
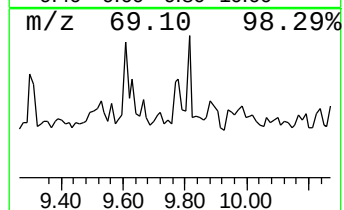
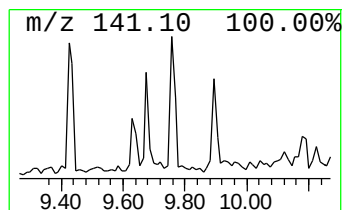
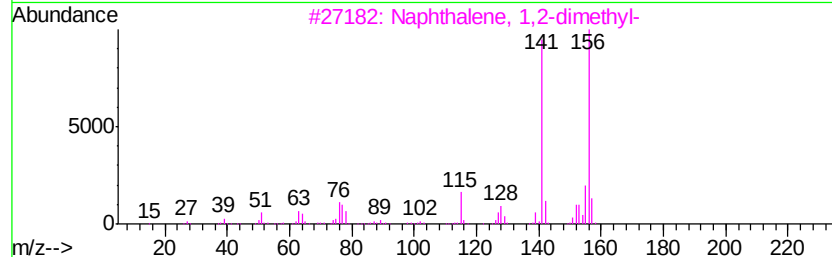
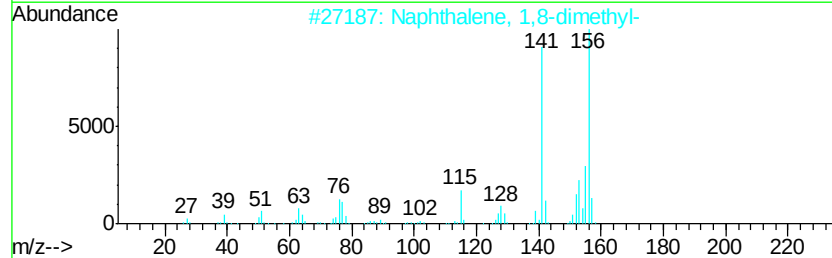
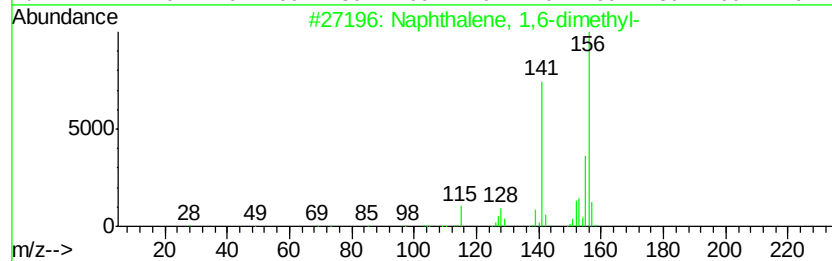
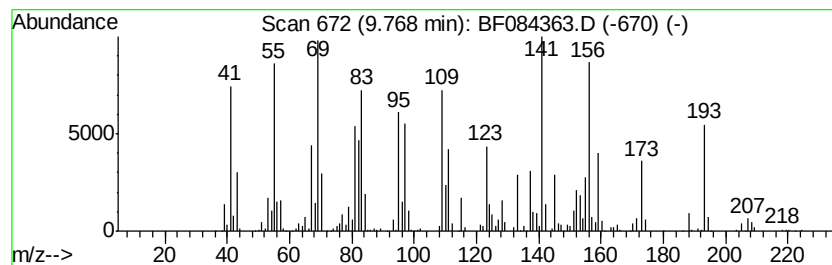
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	12.56 ng	2133930	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	46
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	44
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	44
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	35
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
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Misc :
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Instrument :
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ClientSampleId :
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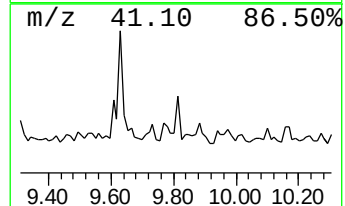
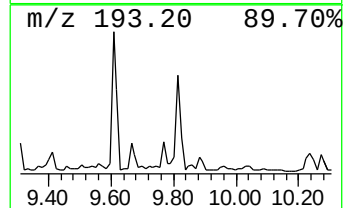
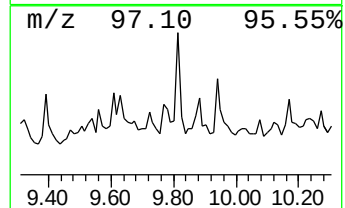
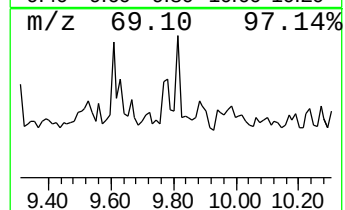
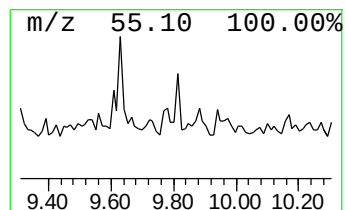
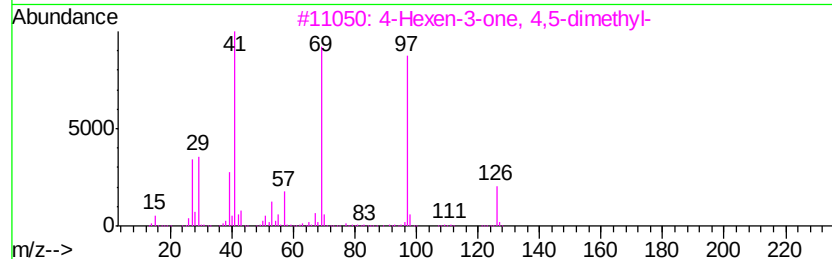
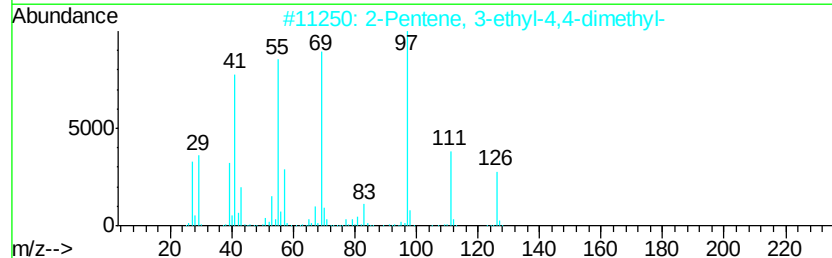
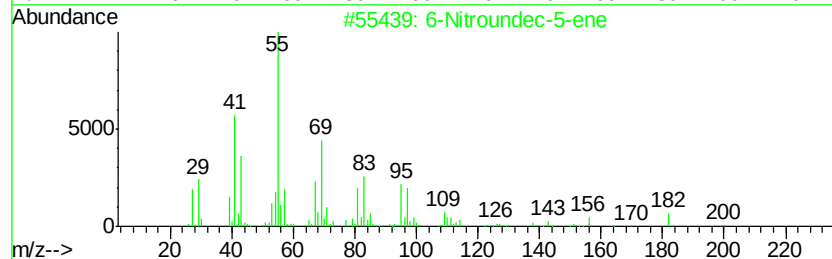
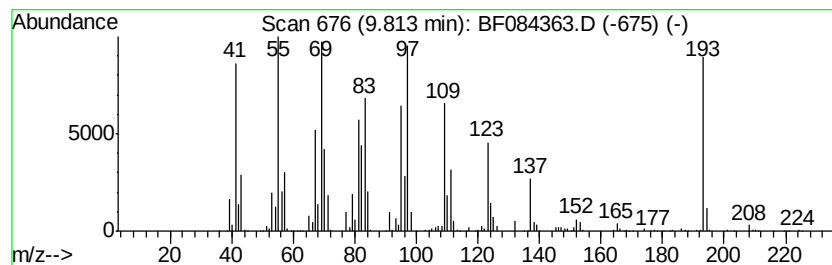
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.81 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	10.55 ng	1792430	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	35
2		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3		4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	25
4		(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
5		Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
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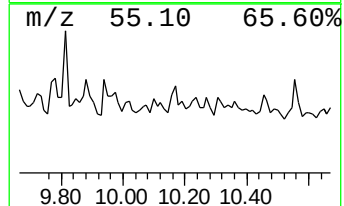
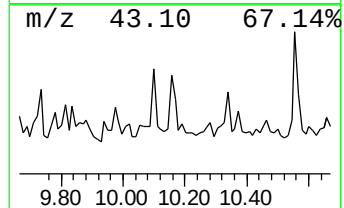
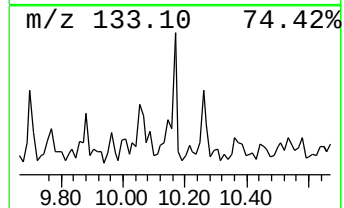
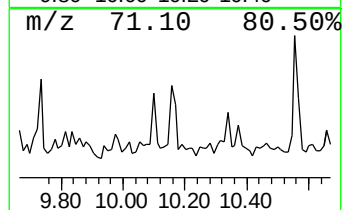
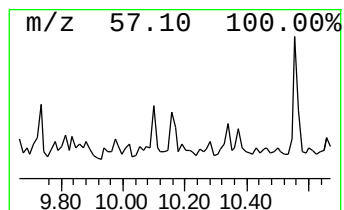
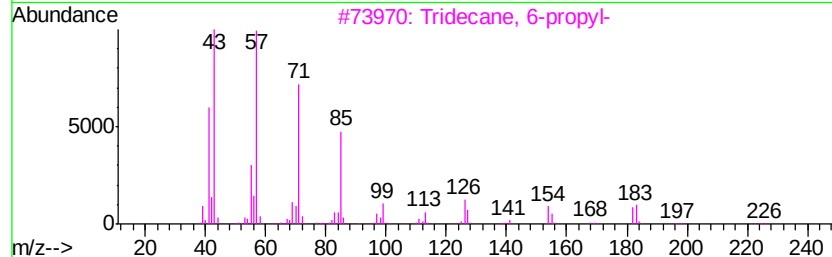
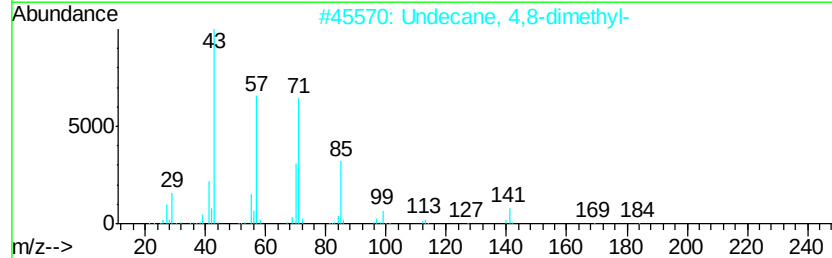
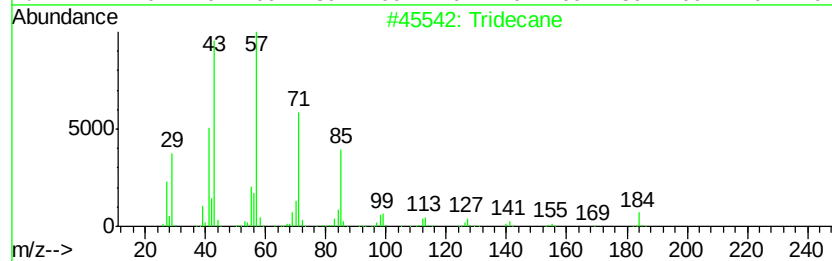
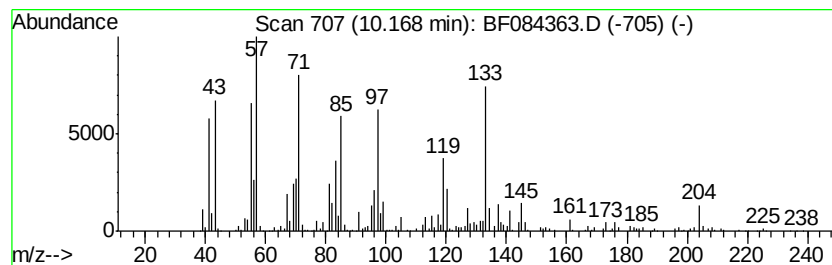
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	12.36 ng	2099570	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	30
2		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	27
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	25
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	25
5		Hexadecane	226	C16H34	000544-76-3	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
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ClientSampleId :
SB-5N(0-10)

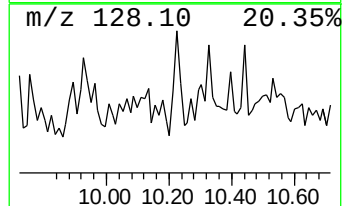
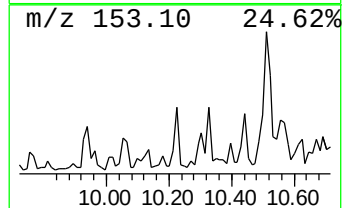
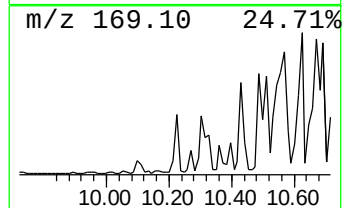
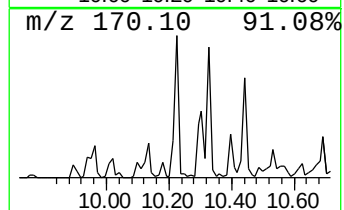
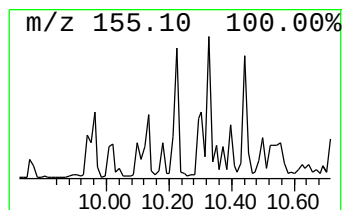
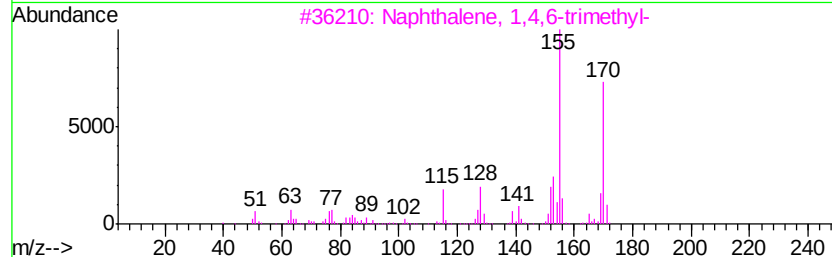
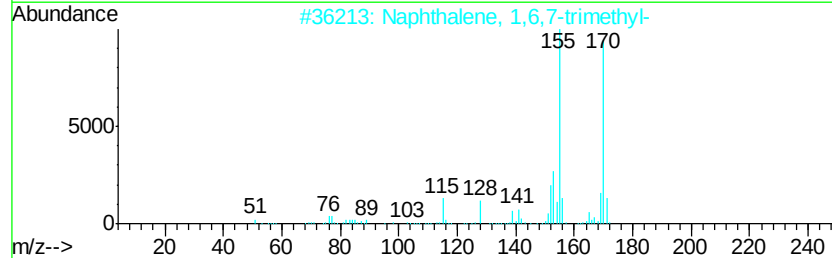
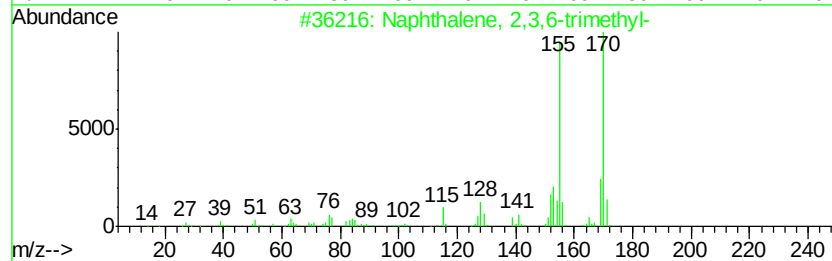
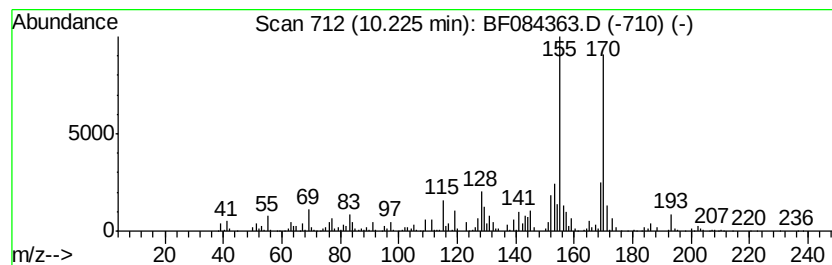
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	15.05 ng	2556970	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	95
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5N(0-10)

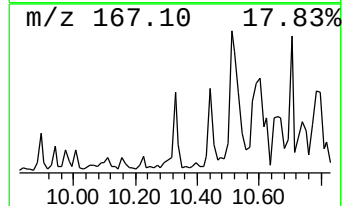
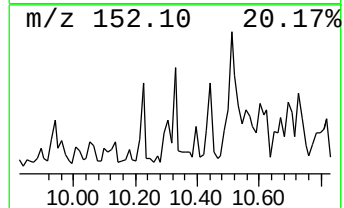
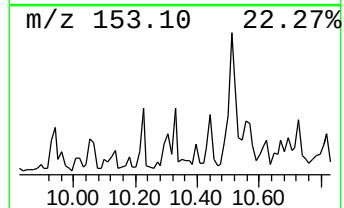
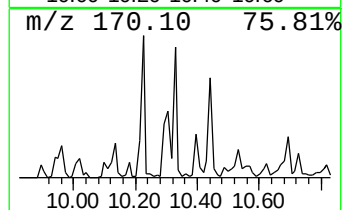
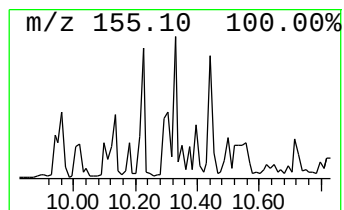
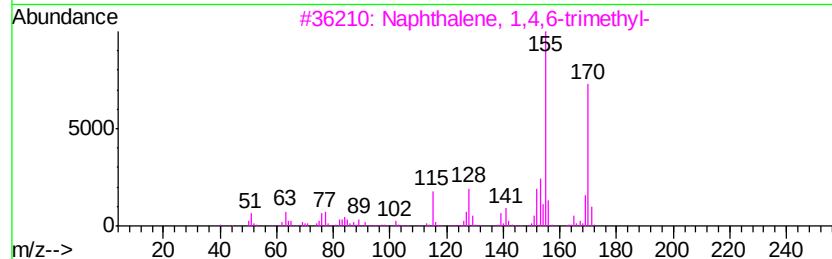
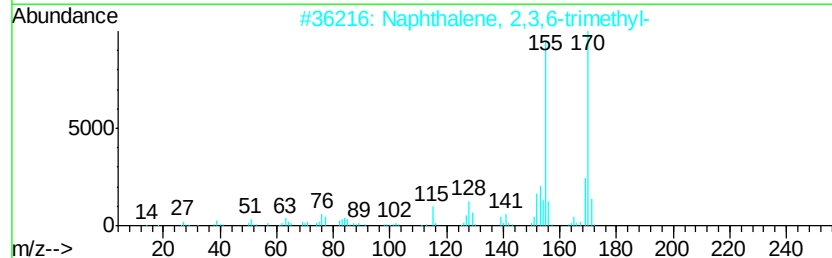
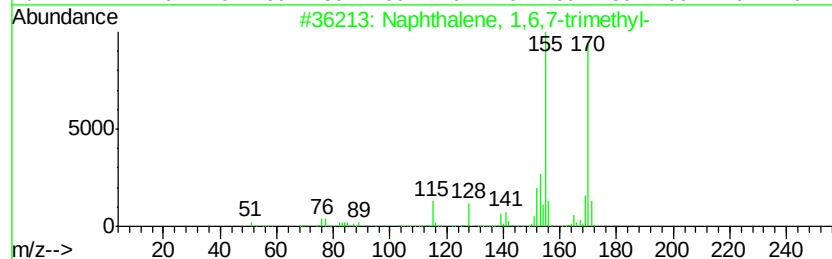
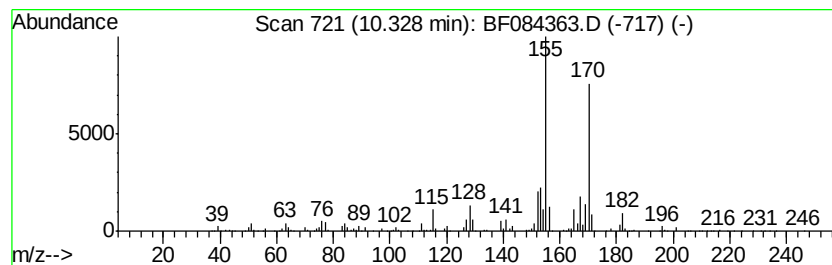
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.86 ng	2014490	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

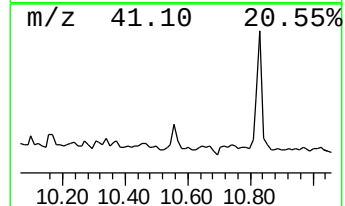
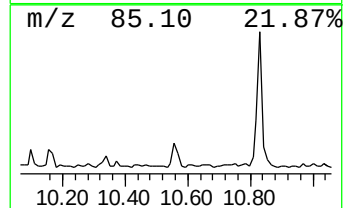
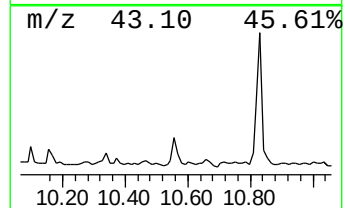
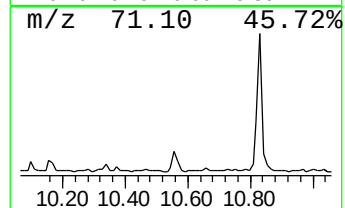
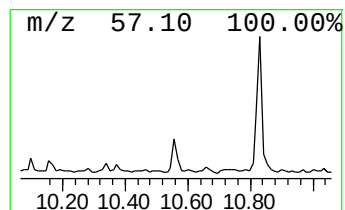
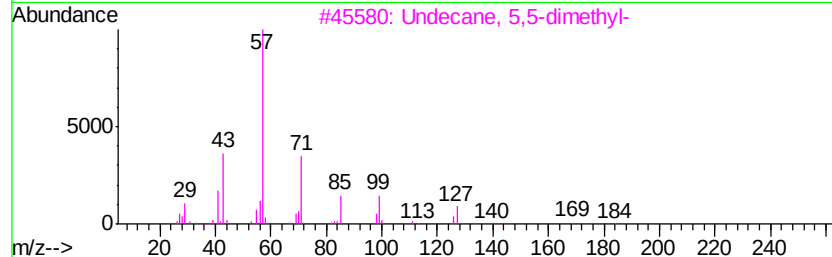
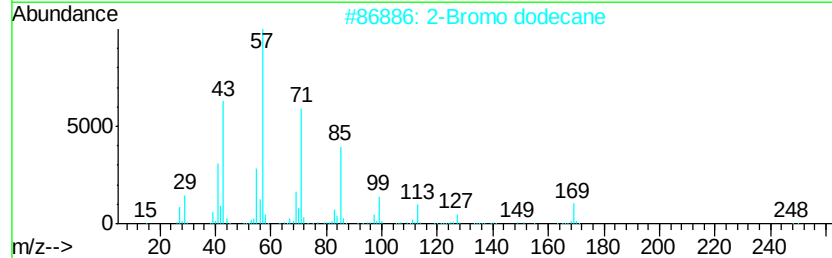
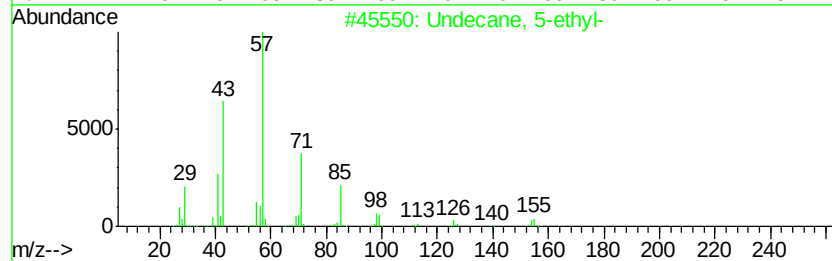
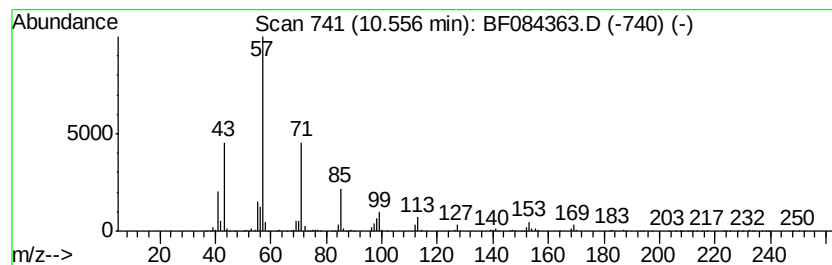
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 5-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.56	13.39 ng	2274140	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	59
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5	Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5N(0-10)

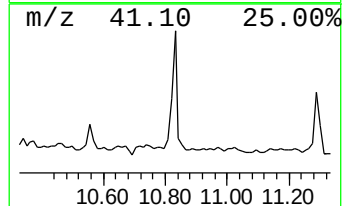
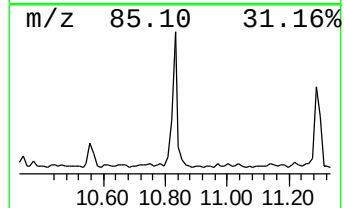
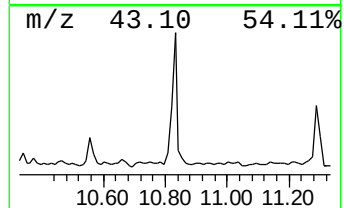
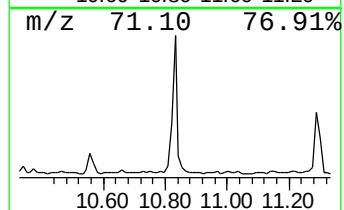
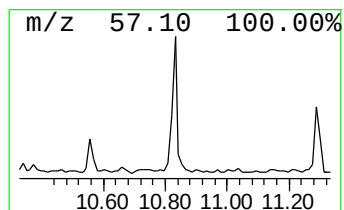
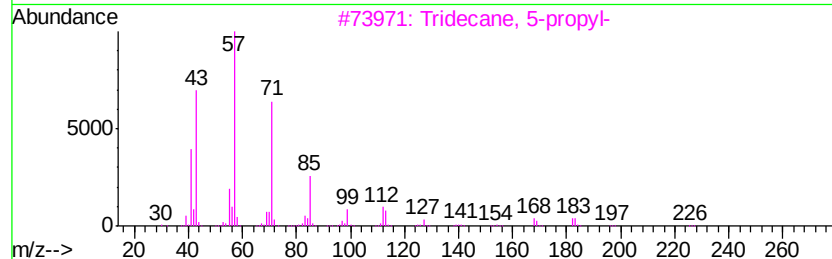
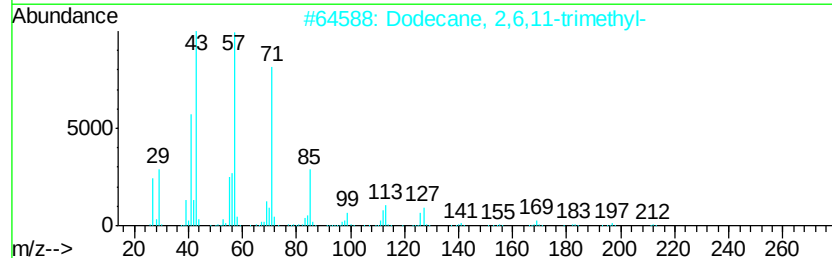
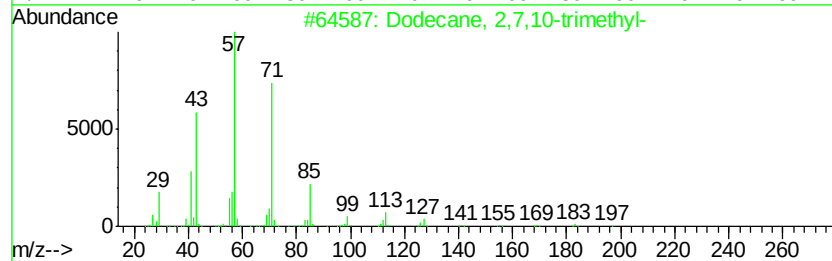
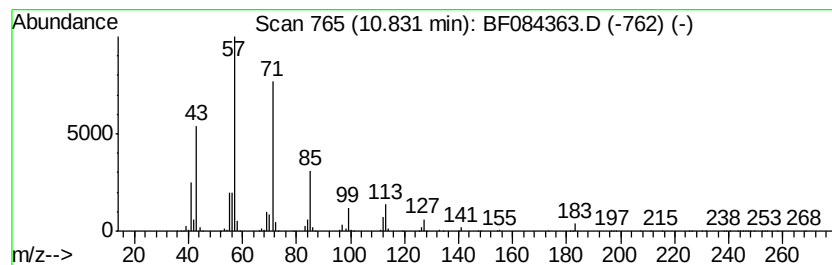
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	102.19 ng	10077700	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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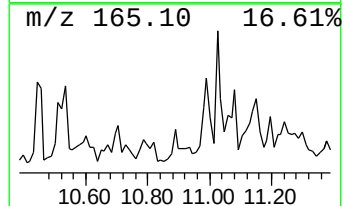
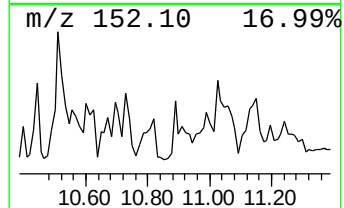
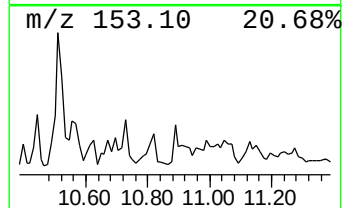
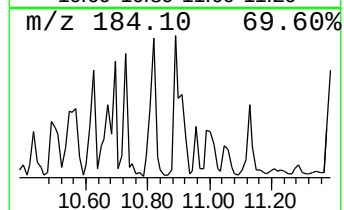
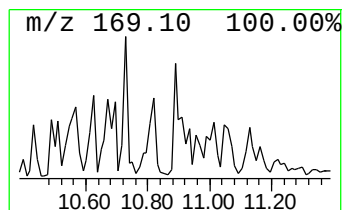
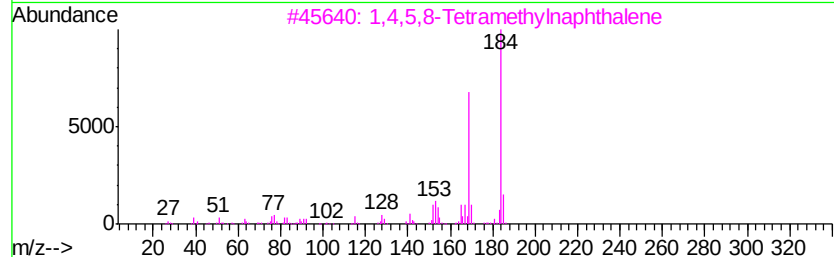
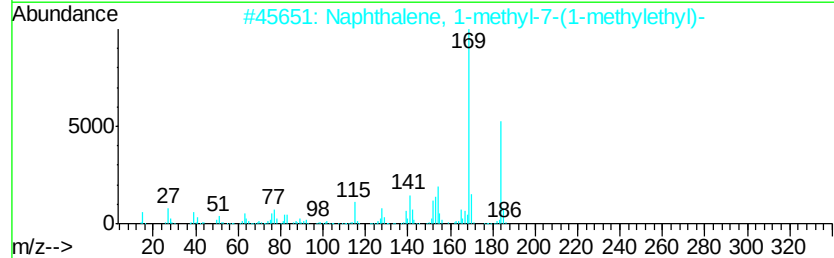
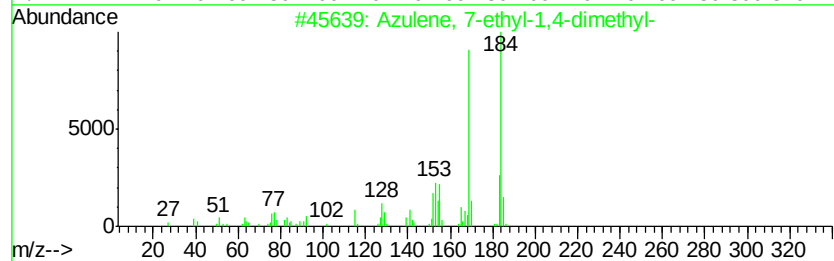
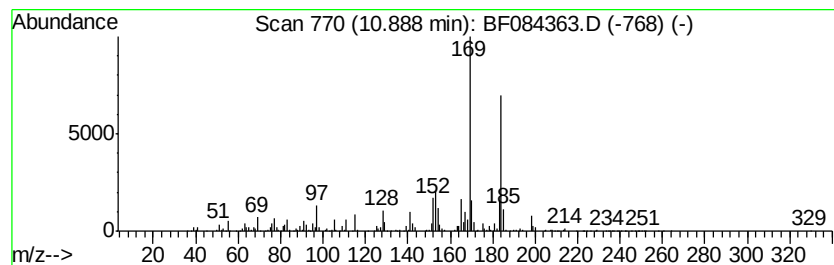
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	11.07 ng	1091960	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	94
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	87
3		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	80
4		[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	60
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5N(0-10)

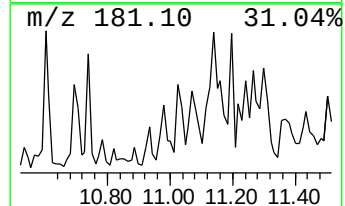
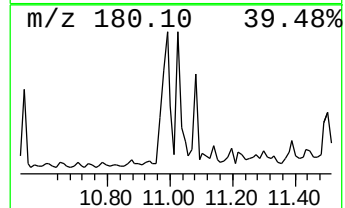
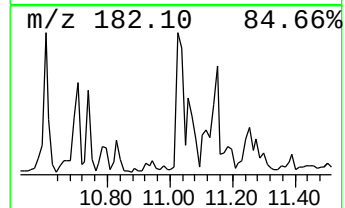
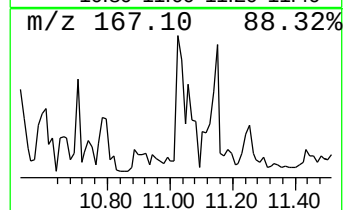
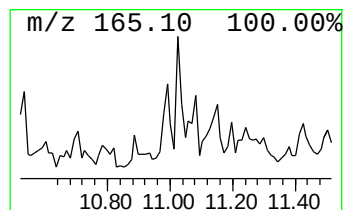
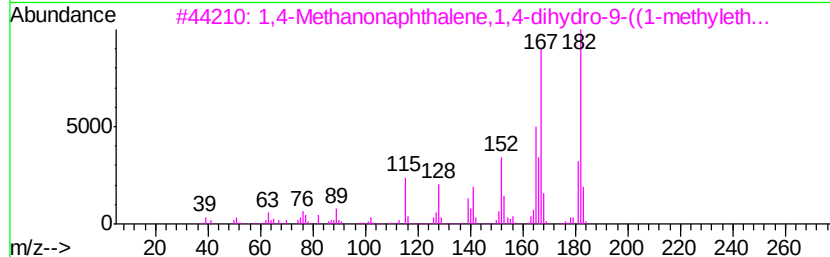
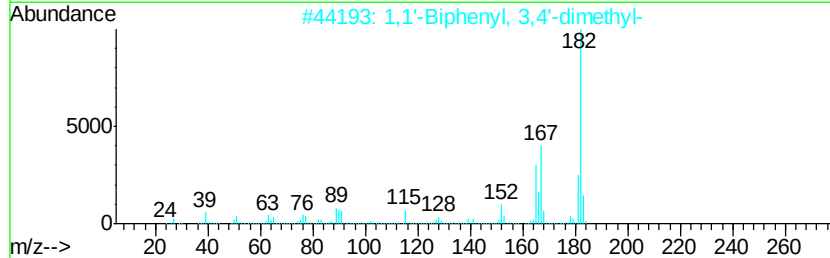
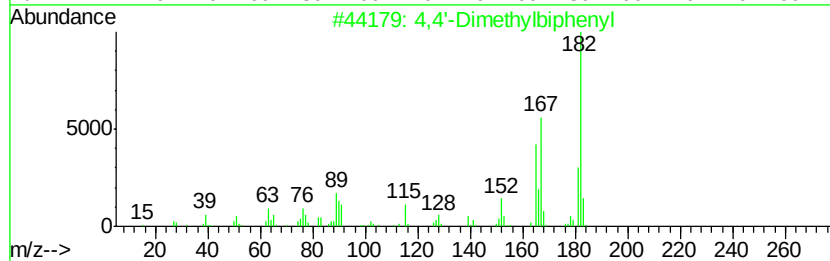
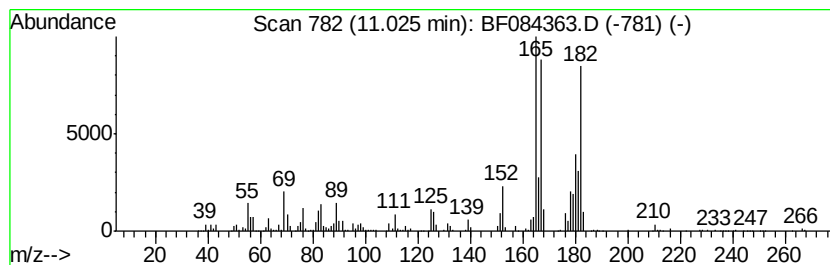
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	27.39 ng	2701010	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
3		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	53
4		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	52
5		7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
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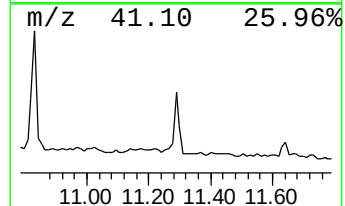
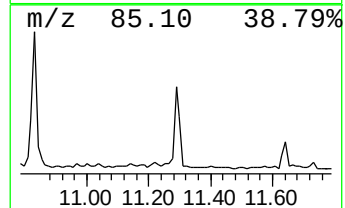
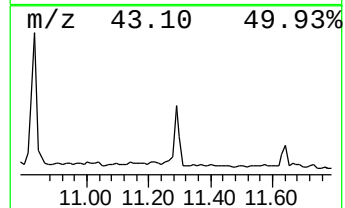
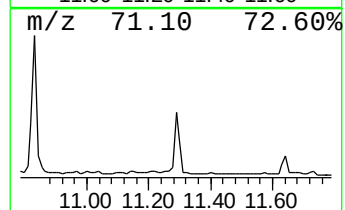
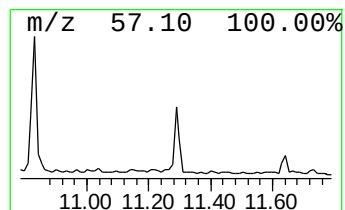
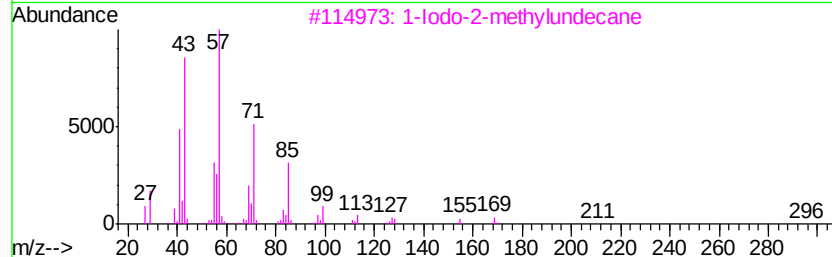
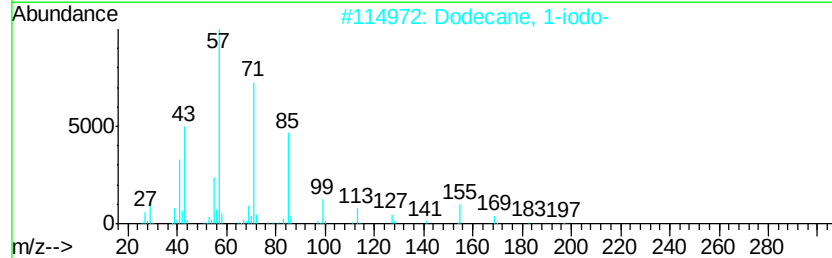
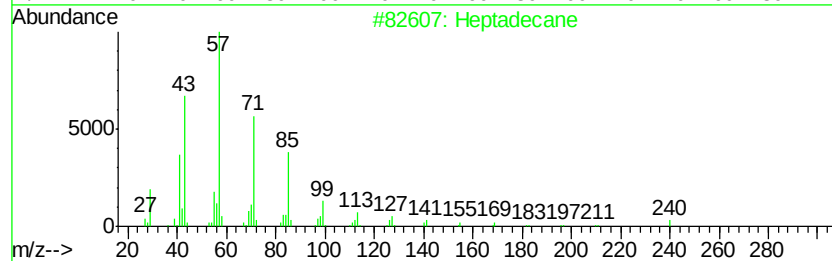
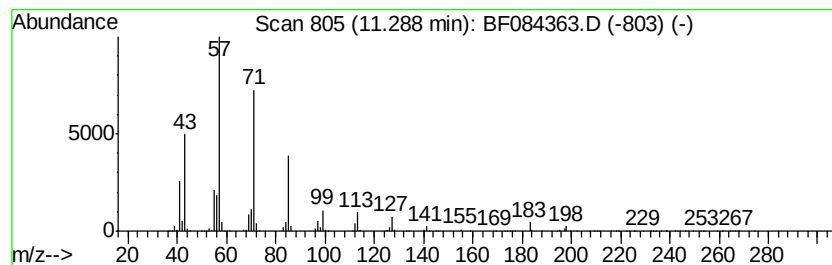
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	58.27 ng	5746790	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084363.D
Acq On : 10 Jan 2016 14:27
Operator : SJ/UM
Sample : H1043-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5N(0-10)

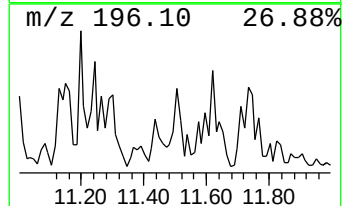
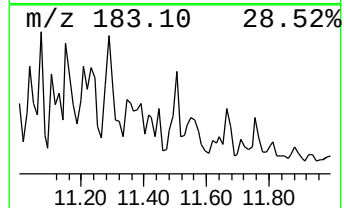
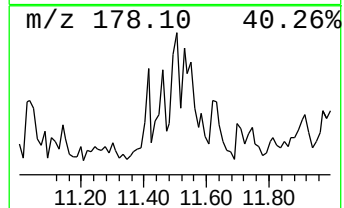
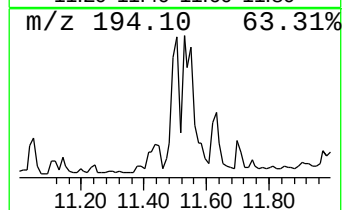
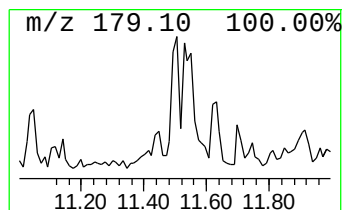
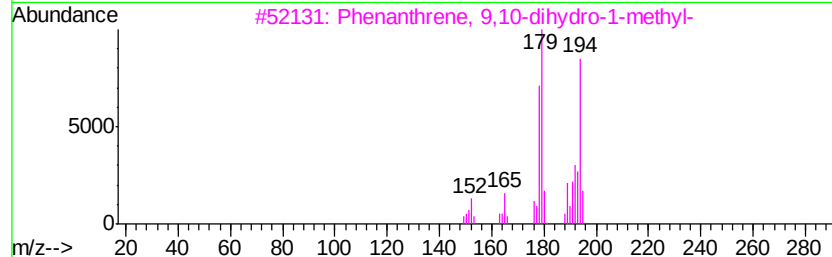
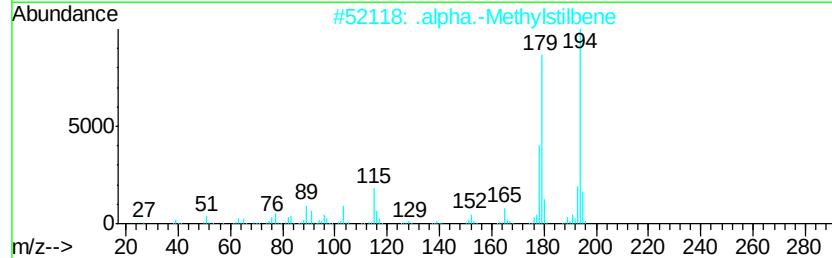
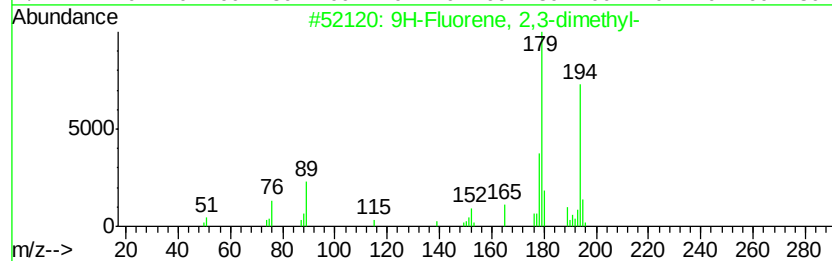
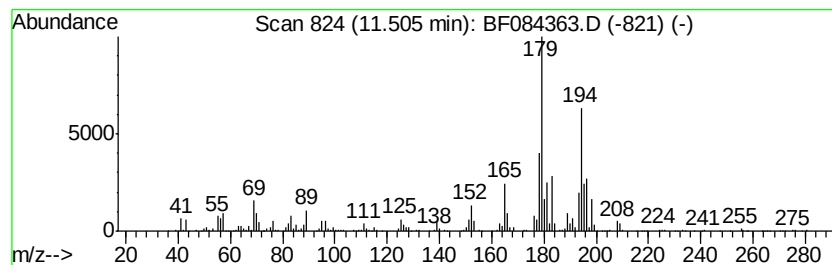
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9H-Fluorene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	10.48 ng	1033570	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	50
2		.alpha.-Methylstilbene	194	C15H14	000779-51-1	49
3		Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	45
4		Benzo[h]isoquinoline	179	C13H9N	000229-71-0	38
5		1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
 Data File : BF084363.D
 Acq On : 10 Jan 2016 14:27
 Operator : SJ/UM
 Sample : H1043-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5N(0-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.05	22.2	ng	2029320	1	6.85	1829880	20.0
unknown6.64	6.64	80.2	ng	7340300	1	6.85	1829880	20.0
Heptane, 3-[(ethe...	8.58	44.3	ng	7501150	2	8.14	3384650	20.0
Cyclohexane, 1,2,...	8.69	11.3	ng	1907490	2	8.14	3384650	20.0
Benzene, 1,3,5-tr...	8.94	12.0	ng	2029980	2	8.14	3384650	20.0
Decane, 3,6-dimet...	9.17	32.0	ng	5430420	3	9.90	3397720	20.0
Decahydro-4,4,8,9...	9.30	19.6	ng	3323730	3	9.90	3397720	20.0
unknown9.77	9.77	12.6	ng	2133930	3	9.90	3397720	20.0
unknown9.81	9.81	10.6	ng	1792430	3	9.90	3397720	20.0
unknown10.17	10.17	12.4	ng	2099570	3	9.90	3397720	20.0
Naphthalene, 2,3,...	10.22	15.1	ng	2556970	3	9.90	3397720	20.0
Naphthalene, 1,6,...	10.33	11.9	ng	2014490	3	9.90	3397720	20.0
Undecane, 5-ethyl-	10.56	13.4	ng	2274140	3	9.90	3397720	20.0
Dodecane, 2,7,10-...	10.83	102.2	ng	10077700	4	11.39	1972380	20.0
Azulene, 7-ethyl-...	10.89	11.1	ng	1091960	4	11.39	1972380	20.0
4,4'-Dimethylbiph...	11.02	27.4	ng	2701010	4	11.39	1972380	20.0
Heptadecane	11.29	58.3	ng	5746790	4	11.39	1972380	20.0
9H-Fluorene, 2,3-...	11.50	10.5	ng	1033570	4	11.39	1972380	20.0