

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086438.D
 Acq On : 27 Apr 2016 22:01
 Operator : UM/SJ
 Sample : H2741-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

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-BF042716.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	5.390	286	289	291	rBV	1640318	1506163	94.16%	3.841%
2	6.430	378	380	383	rBV	1204663	1465367	91.61%	3.736%
3	6.567	389	392	395	rBV	1801306	1599515	100.00%	4.079%
4	6.807	411	413	417	rBV	597929	768938	48.07%	1.961%
5	6.956	424	426	429	rBV	1297832	1209154	75.60%	3.083%
6	7.367	454	462	464	rBV	980231	1050983	65.71%	2.680%
7	7.459	467	470	472	rVB3	55297	77249	4.83%	0.197%
8	7.527	472	476	478	rVB2	43454	68536	4.28%	0.175%
9	7.596	480	482	485	rVB4	61567	106384	6.65%	0.271%
10	7.745	488	495	497	rBV5	75442	214238	13.39%	0.546%
11	7.813	500	501	503	rBV2	48332	69337	4.33%	0.177%
12	7.848	503	504	507	rVB2	51263	73555	4.60%	0.188%
13	7.916	507	510	512	rVB2	92286	154970	9.69%	0.395%
14	7.962	512	514	516	rBV2	65547	100796	6.30%	0.257%
15	8.042	518	521	523	rBV3	72082	166848	10.43%	0.425%
16	8.088	523	525	529	rBV	1057645	1172054	73.28%	2.989%
17	8.156	529	531	533	rVV	189410	221787	13.87%	0.566%
18	8.190	533	534	537	rVB2	89048	141786	8.86%	0.362%
19	8.270	537	541	542	rBV2	98922	209036	13.07%	0.533%
20	8.350	545	548	549	rBV3	43772	85178	5.33%	0.217%
21	8.385	549	551	555	rVB5	145040	288674	18.05%	0.736%
22	8.442	555	556	558	rBV2	99813	102429	6.40%	0.261%
23	8.476	558	559	561	rVB2	140774	137613	8.60%	0.351%
24	8.522	561	563	565	rBV2	438822	518415	32.41%	1.322%
25	8.556	565	566	568	rVV2	122102	98643	6.17%	0.252%
26	8.602	568	570	571	rVV2	58942	71752	4.49%	0.183%
27	8.636	571	573	576	rVV3	87046	158580	9.91%	0.404%
28	8.693	576	578	580	rVV3	187602	309313	19.34%	0.789%
29	8.750	580	583	584	rVV3	120146	266840	16.68%	0.680%
30	8.785	584	586	588	rVB	217194	252663	15.80%	0.644%
31	8.842	588	591	593	rBV4	61788	156079	9.76%	0.398%
32	8.910	593	597	601	rVV4	178080	456395	28.53%	1.164%
33	8.968	601	602	603	rVV	112963	142306	8.90%	0.363%
34	9.002	603	605	607	rVV3	135553	262362	16.40%	0.669%

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35	9.093	611	613	614	rVV2	118092	179619	11.23%	0.458%
36	9.116	614	615	617	rVV	546798	562393	35.16%	1.434%
37	9.162	617	619	622	rVV	1215468	1556648	97.32%	3.969%
38	9.208	622	623	624	rVV	91839	84324	5.27%	0.215%
39	9.253	624	627	629	rVV	377729	575458	35.98%	1.467%
40	9.322	629	633	635	rVV5	180030	583915	36.51%	1.489%
41	9.368	635	637	638	rVV	113996	145799	9.12%	0.372%
42	9.448	640	644	645	rVV3	112971	316554	19.79%	0.807%
43	9.505	645	649	650	rVV2	222340	444483	27.79%	1.133%
44	9.573	652	655	656	rVV2	871559	1255627	78.50%	3.202%
45	9.596	656	657	658	rVV	264437	272414	17.03%	0.695%
46	9.631	658	660	661	rVV2	223538	295562	18.48%	0.754%
47	9.676	661	664	666	rVV4	103698	251193	15.70%	0.641%
48	9.711	666	667	669	rVV2	119396	200394	12.53%	0.511%
49	9.756	669	671	672	rVV2	252850	252459	15.78%	0.644%
50	9.779	672	673	675	rVV2	285168	358977	22.44%	0.915%
51	9.848	675	679	680	rVV2	723004	1312598	82.06%	3.347%
52	9.882	680	682	683	rVV2	113975	210646	13.17%	0.537%
53	9.951	687	688	690	rVV	171736	201304	12.59%	0.513%
54	10.008	690	693	695	rVV3	150681	355793	22.24%	0.907%
55	10.042	695	696	699	rVV2	352483	461609	28.86%	1.177%
56	10.111	699	702	703	rVV2	265370	480890	30.06%	1.226%
57	10.156	705	706	710	rVV	157196	257270	16.08%	0.656%
58	10.213	710	711	713	rVV2	97158	148251	9.27%	0.378%
59	10.282	715	717	718	rVV	304414	320619	20.04%	0.818%
60	10.305	718	719	721	rVV2	99950	192367	12.03%	0.491%
61	10.408	724	728	730	rBV4	133503	320817	20.06%	0.818%
62	10.454	730	732	733	rVB2	130401	159104	9.95%	0.406%
63	10.499	733	736	739	rBV	672096	877861	54.88%	2.238%
64	10.556	739	741	742	rVB	125693	170648	10.67%	0.435%
65	10.591	742	744	745	rBV2	92563	129658	8.11%	0.331%
66	10.625	745	747	749	rBV2	663582	726433	45.42%	1.852%
67	10.762	757	759	762	rBV	734291	1106120	69.15%	2.820%
68	10.979	773	778	780	rVB5	124202	338779	21.18%	0.864%
69	11.082	785	787	790	rVB3	81507	150063	9.38%	0.383%
70	11.196	796	797	798	rVV	119530	107527	6.72%	0.274%
71	11.231	798	800	803	rVB	484479	524825	32.81%	1.338%

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72	11.322	806	808	812	rBV2	665132	1088538	68.05%	2.776%
73	11.574	826	830	833	rVB4	90616	247618	15.48%	0.631%
74	11.619	833	834	836	rBV2	59964	79469	4.97%	0.203%
75	11.825	850	852	853	rBV	79332	81773	5.11%	0.209%
76	11.928	859	861	866	rVB3	102608	248604	15.54%	0.634%
77	12.271	888	891	892	rBV2	37797	71094	4.44%	0.181%
78	12.294	892	893	897	rVB2	50346	99807	6.24%	0.254%
79	12.374	898	900	903	rBV	382027	460419	28.78%	1.174%
80	12.454	906	907	909	rVB2	68606	74982	4.69%	0.191%
81	12.534	912	914	916	rBV	700700	698464	43.67%	1.781%
82	12.762	931	934	936	rBV	514541	748675	46.81%	1.909%
83	12.819	937	939	941	rVB2	50119	64982	4.06%	0.166%
84	12.911	945	947	949	rVV	696783	1000461	62.55%	2.551%
85	12.979	951	953	959	rVB3	50414	82920	5.18%	0.211%
86	13.082	959	962	964	rVB2	51725	104082	6.51%	0.265%
87	13.185	969	971	976	rBV2	77340	150027	9.38%	0.383%
88	13.277	976	979	981	rVB2	43833	74693	4.67%	0.190%
89	13.357	984	986	992	rVB6	49541	92224	5.77%	0.235%
90	13.597	1004	1007	1011	rBV	75803	147038	9.19%	0.375%
91	13.700	1014	1016	1018	rBV	67307	124115	7.76%	0.316%
92	13.802	1023	1025	1029	rVB2	91656	178375	11.15%	0.455%
93	13.951	1035	1038	1045	rBV3	792543	1495660	93.51%	3.814%
94	14.637	1096	1098	1103	rBV5	35302	105368	6.59%	0.269%
95	14.968	1124	1127	1132	rBV	276428	648160	40.52%	1.653%
96	15.243	1149	1151	1154	rVV	143221	176276	11.02%	0.449%
97	15.300	1154	1156	1159	rVV	175097	255408	15.97%	0.651%
98	15.368	1159	1162	1172	rVB	362549	776357	48.54%	1.980%
99	16.717	1277	1280	1284	rVB2	61834	134075	8.38%	0.342%
100	17.128	1313	1316	1319	rBV	56602	135178	8.45%	0.345%

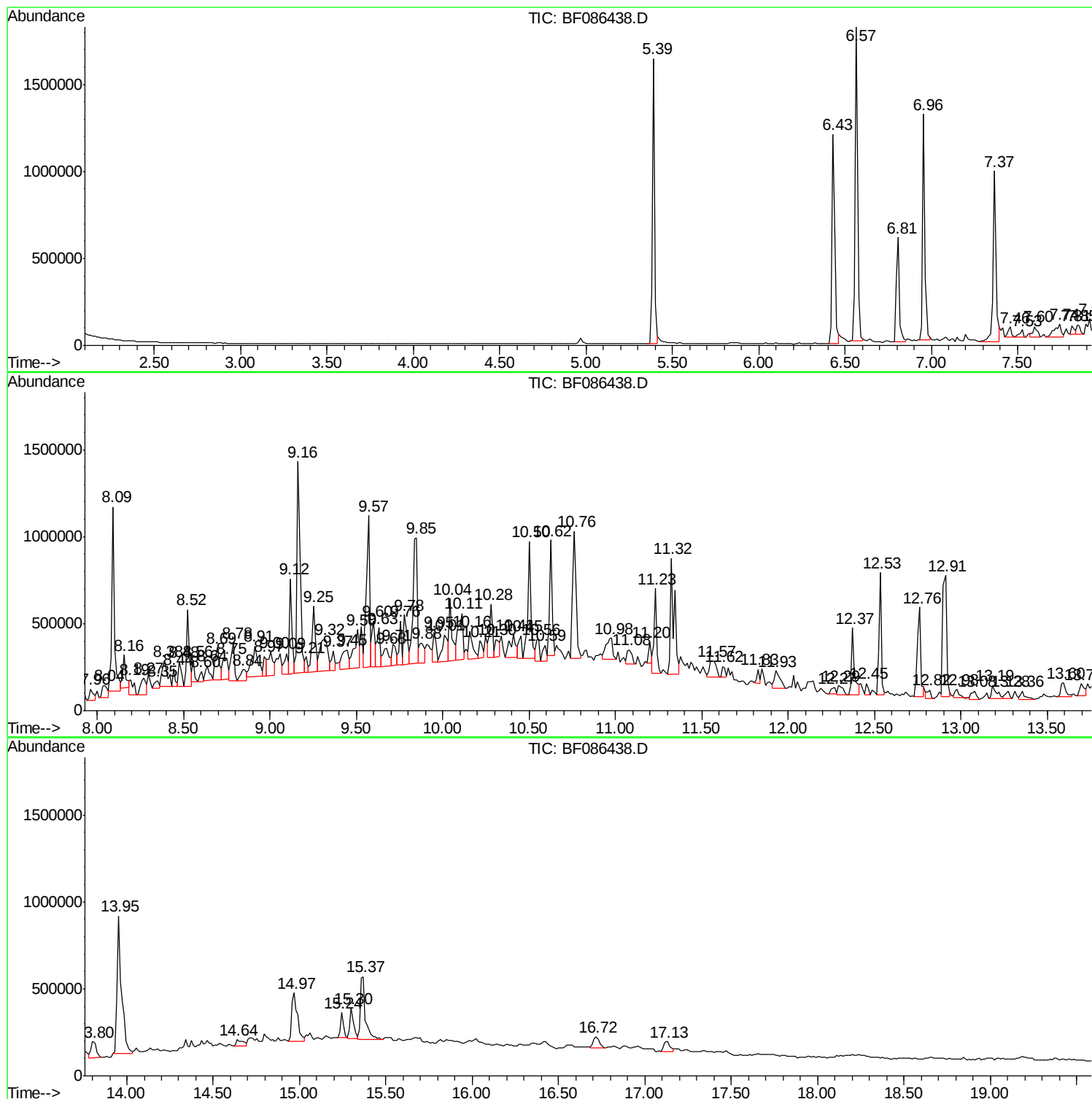
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WC-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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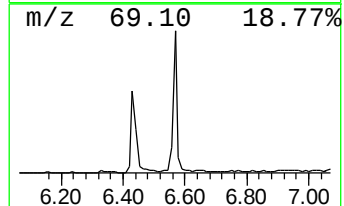
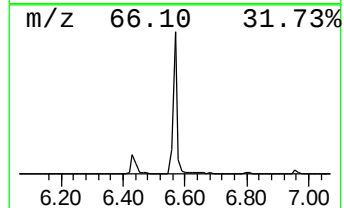
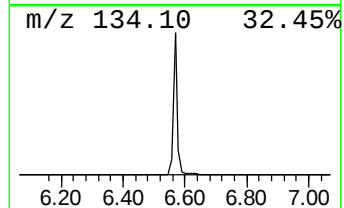
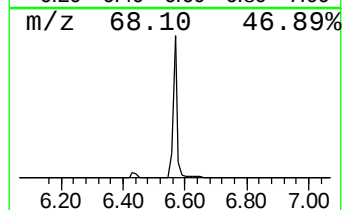
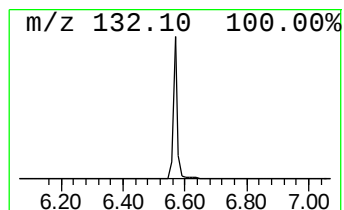
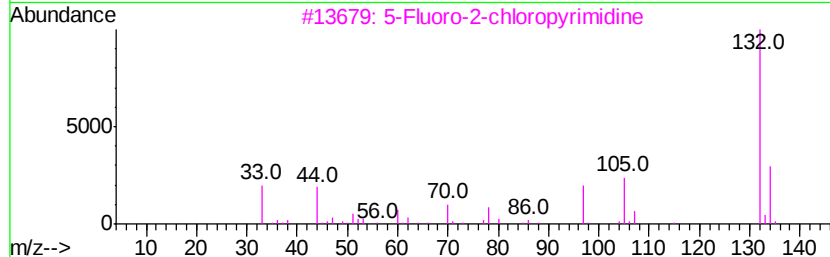
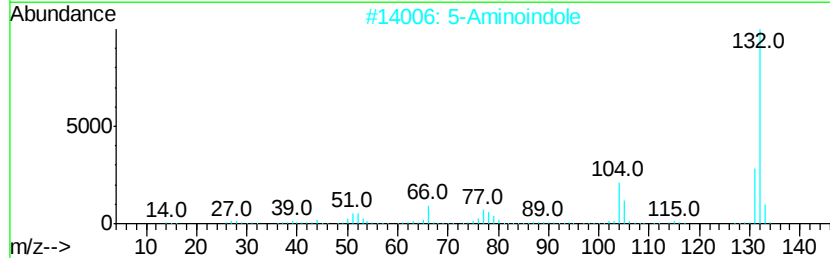
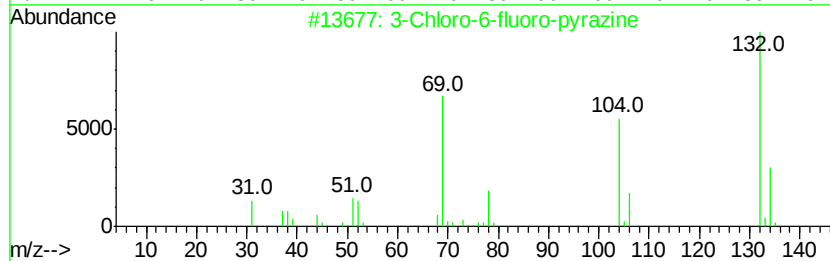
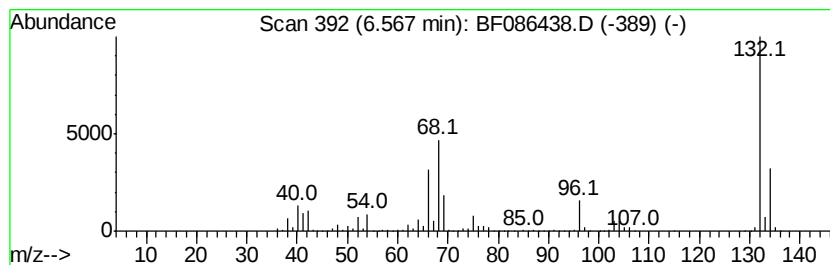
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	41.60 ng	1599520	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9



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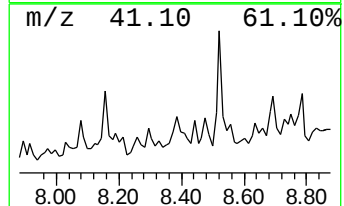
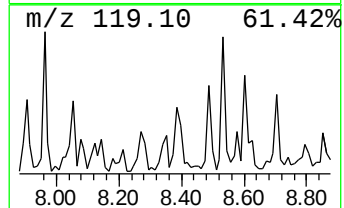
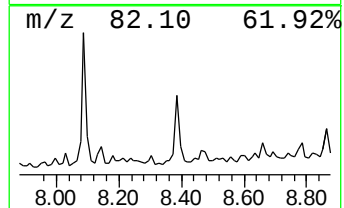
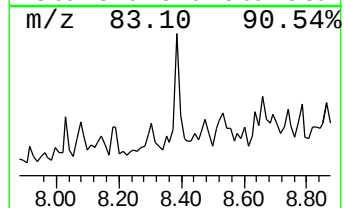
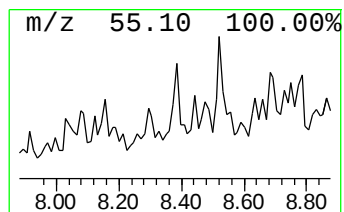
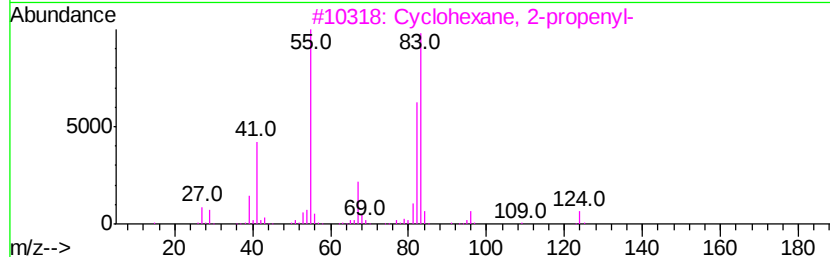
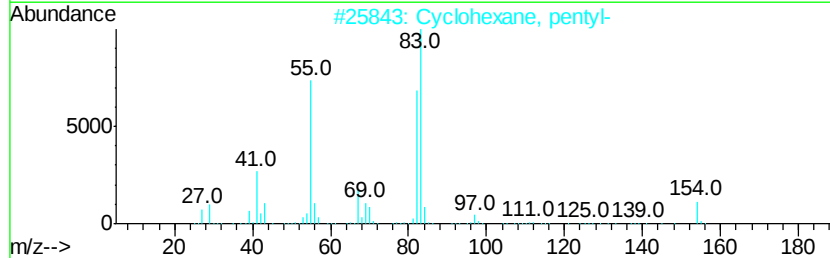
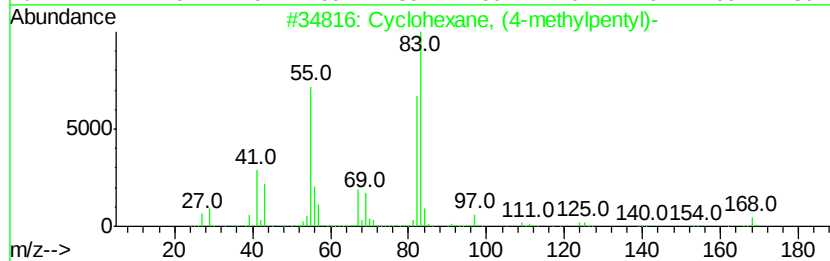
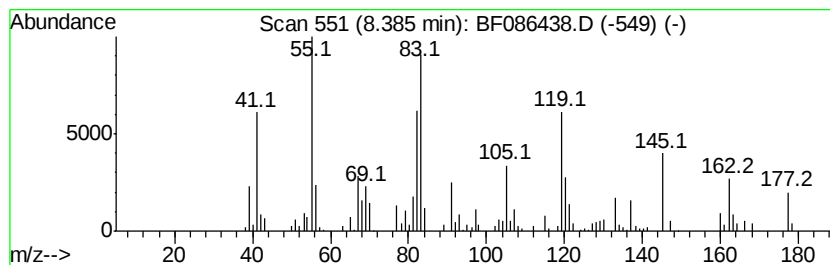
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.38 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	4.93 ng	288674	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	27
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
4		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	22
5		1-Cyclohexyl-1-propyne	122	C9H14	018736-95-3	22



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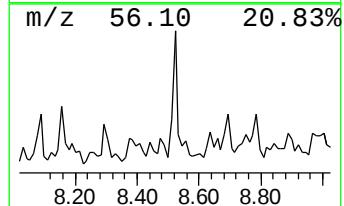
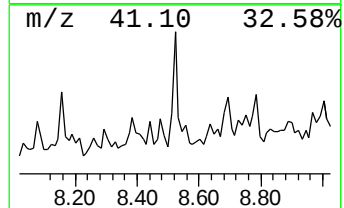
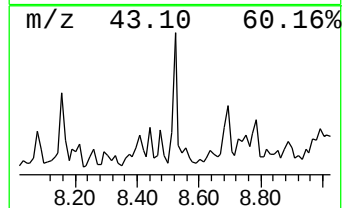
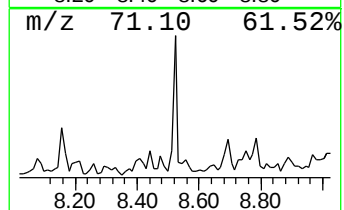
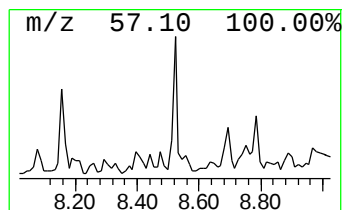
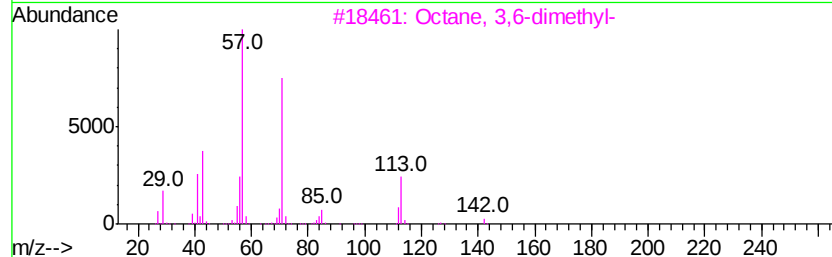
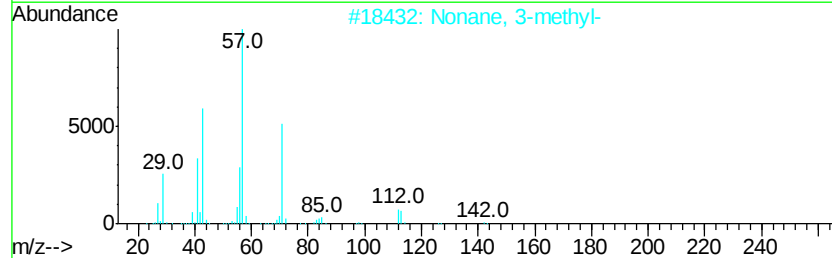
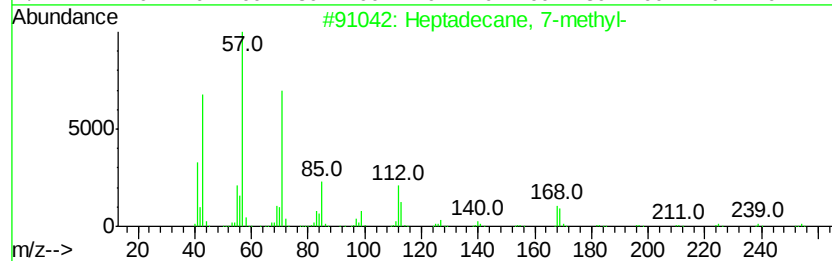
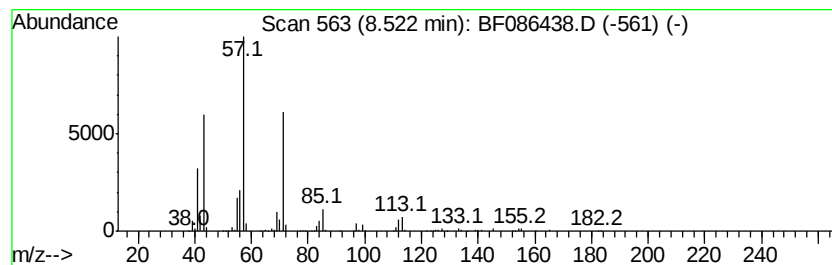
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Peak Number 4 Heptadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	8.85 ng	518415	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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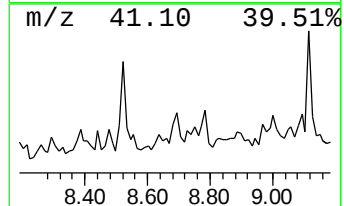
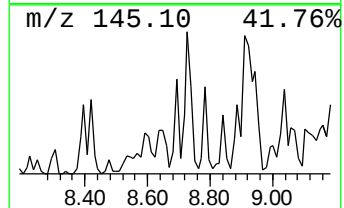
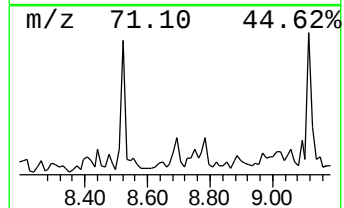
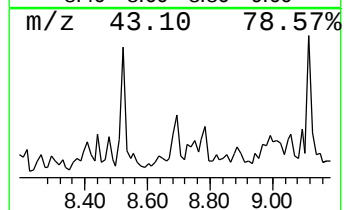
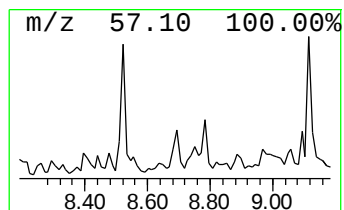
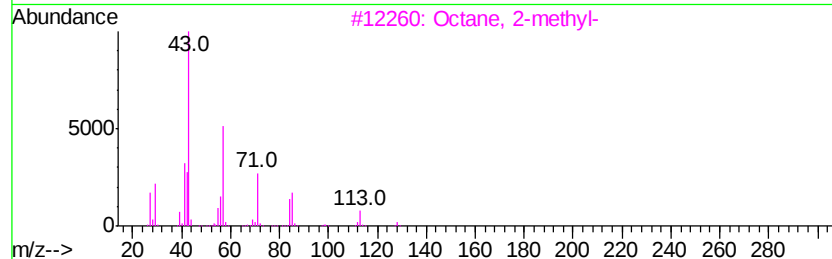
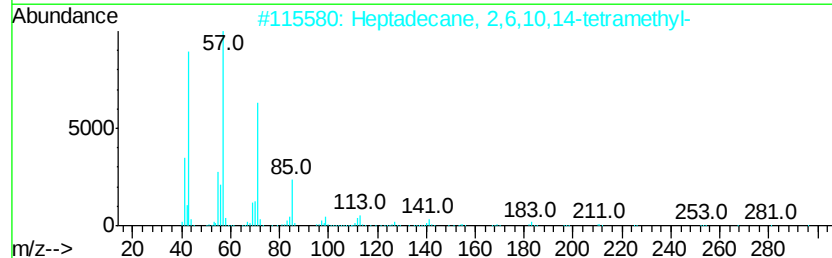
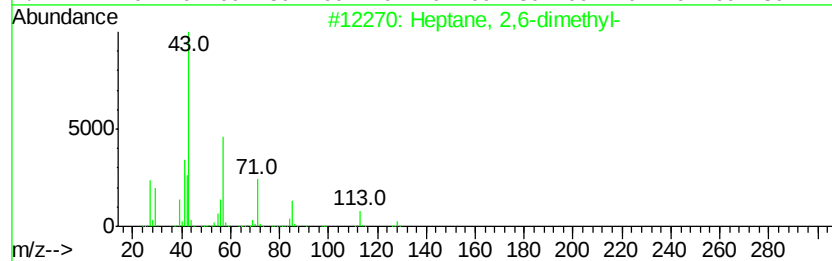
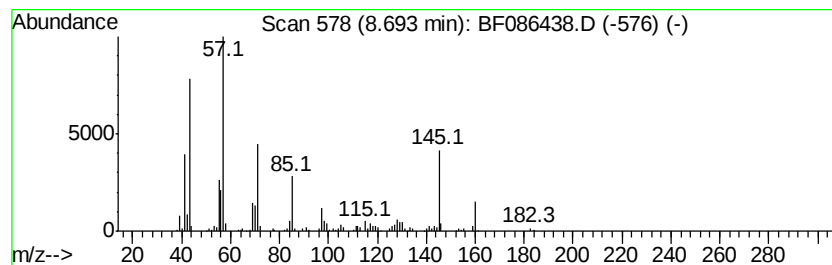
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.69 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.28 ng	309313	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	46
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
3		Octane, 2-methyl-	128	C9H20	003221-61-2	43
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
5		Decane	142	C10H22	000124-18-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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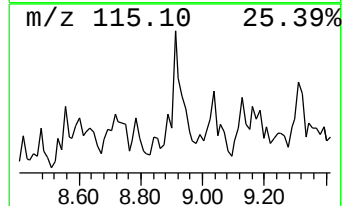
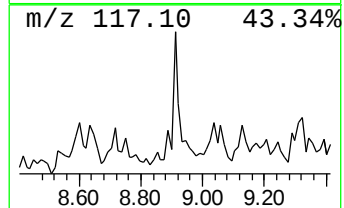
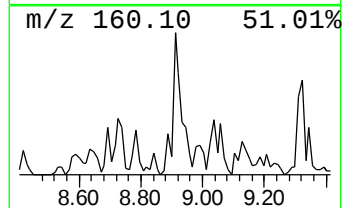
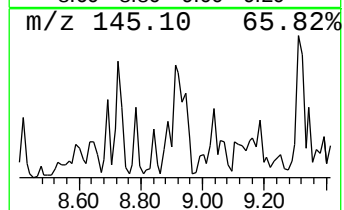
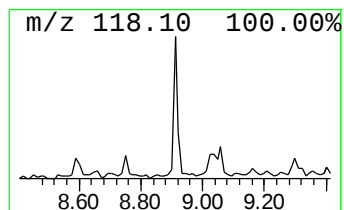
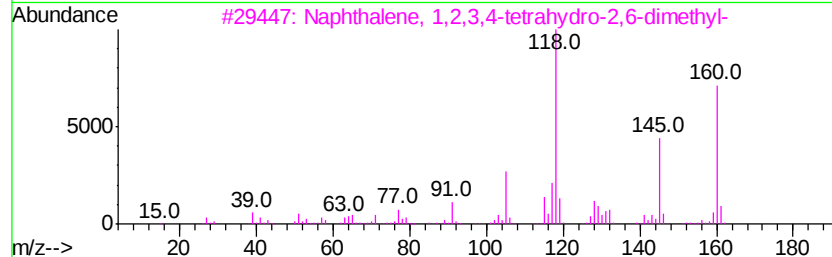
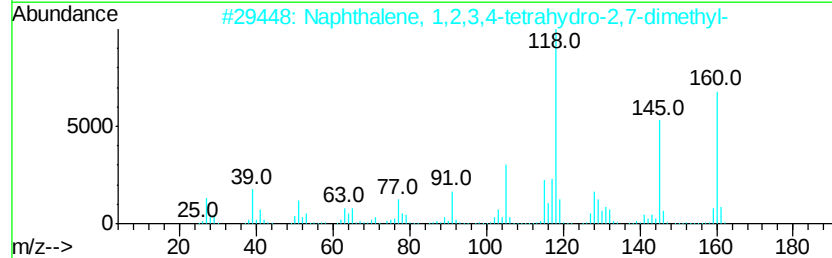
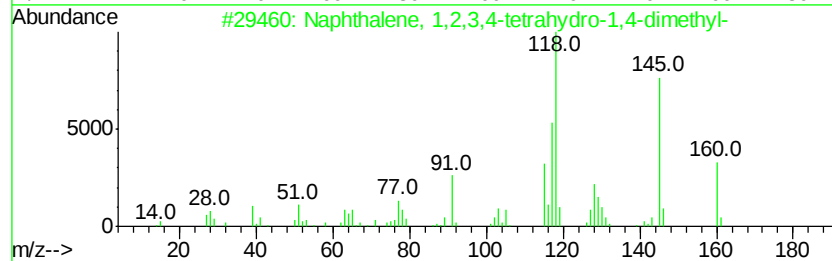
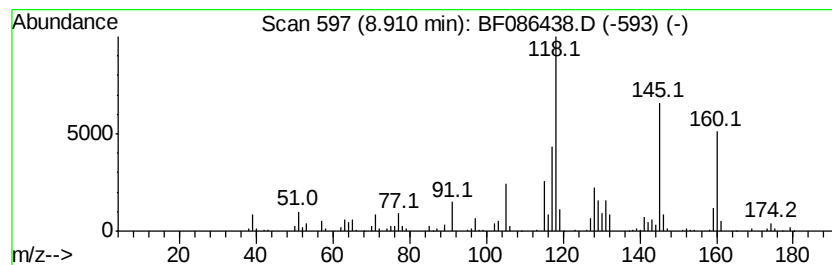
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	7.79 ng	456395	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
4		2,4-Dimethylphenylacetonitrile	145	C10H11N	068429-53-8	52
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
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Instrument :
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ClientSampleId :
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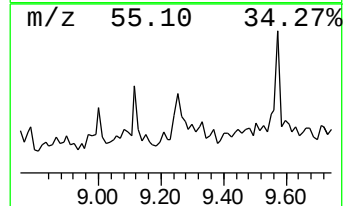
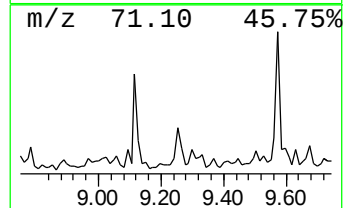
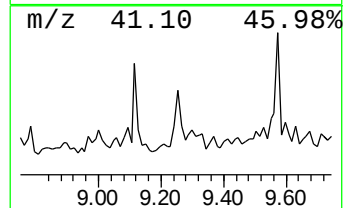
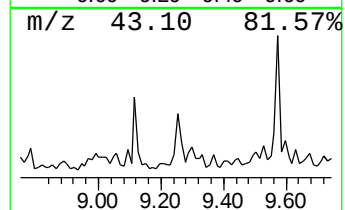
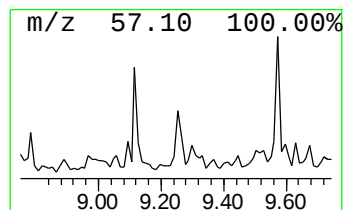
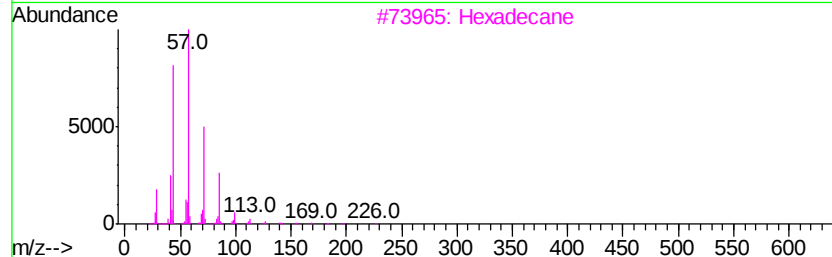
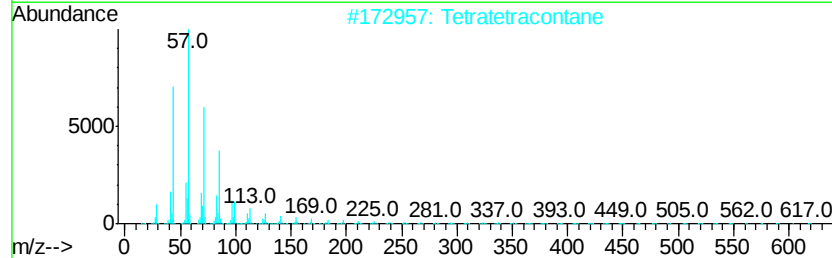
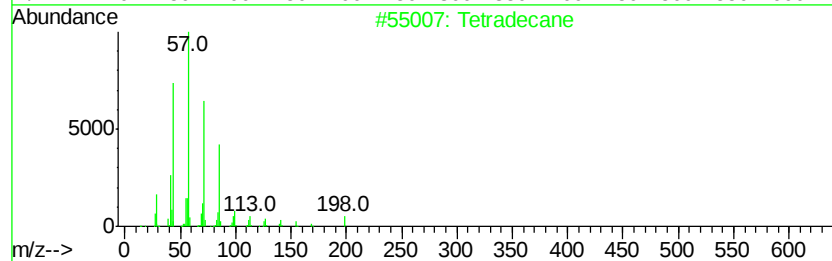
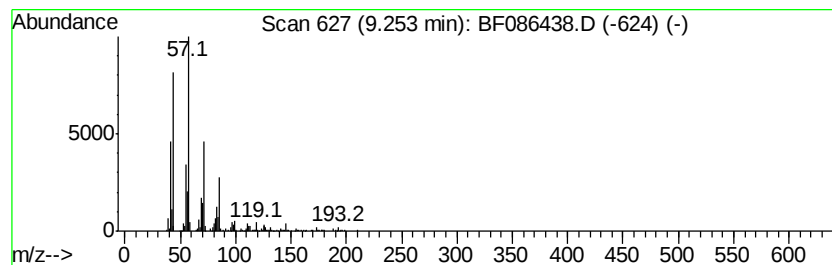
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	8.77 ng	575458	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	76
2		Tetratetracontane	619	C44H90	007098-22-8	64
3		Hexadecane	226	C16H34	000544-76-3	59
4		Dodecane	170	C12H26	000112-40-3	59
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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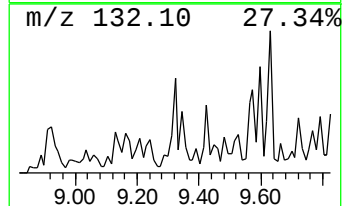
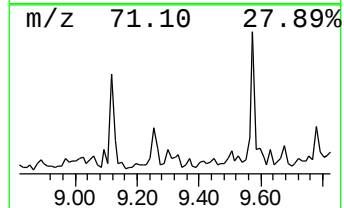
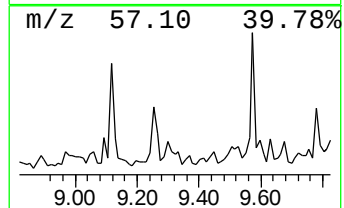
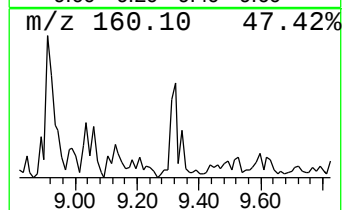
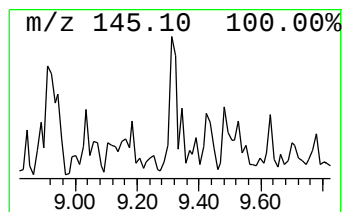
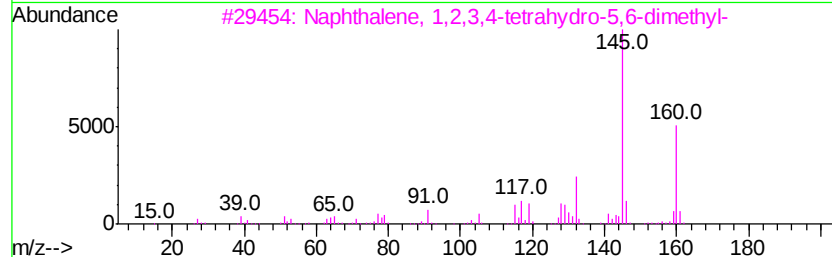
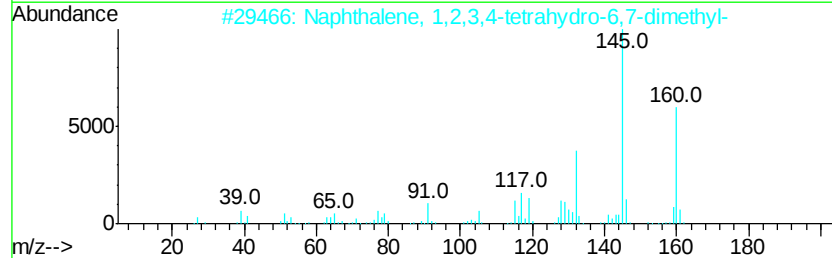
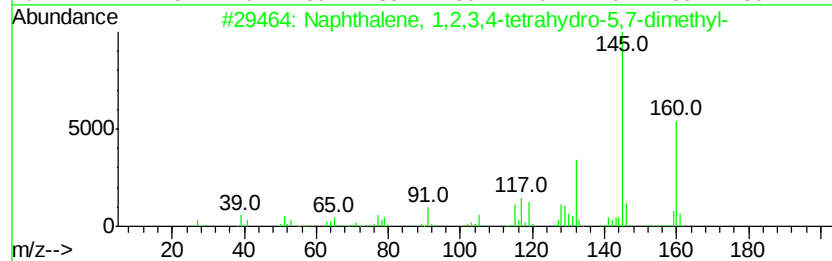
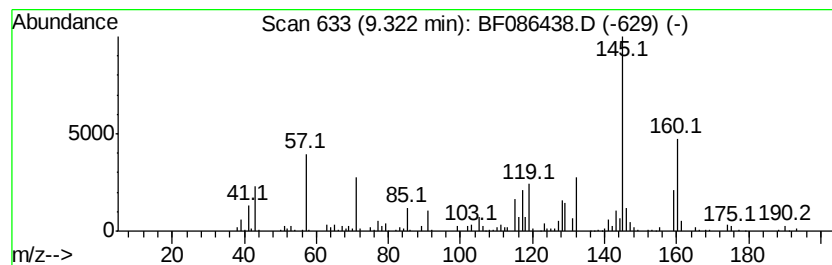
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	8.90 ng	583915	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	81
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
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Instrument :
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ClientSampleId :
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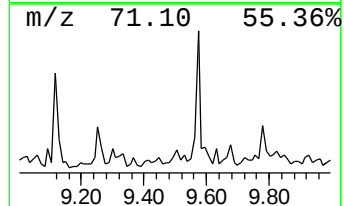
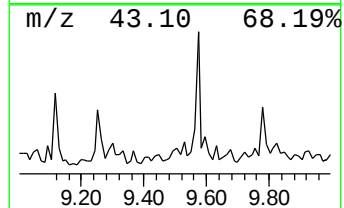
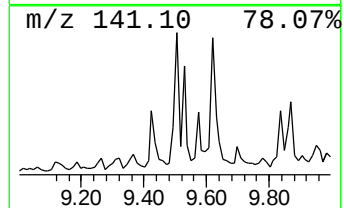
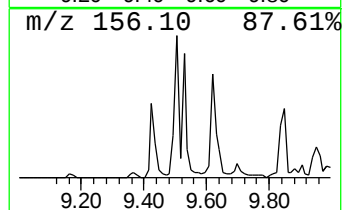
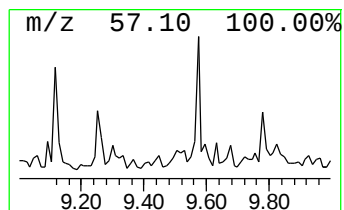
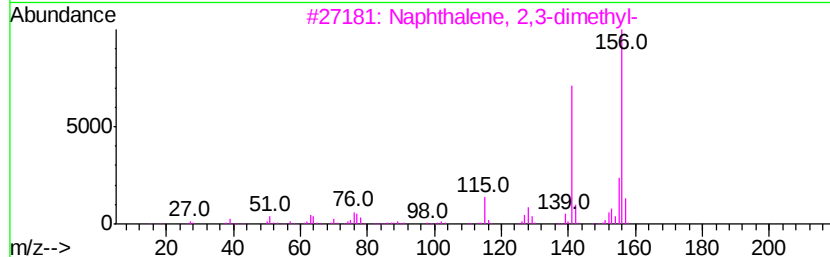
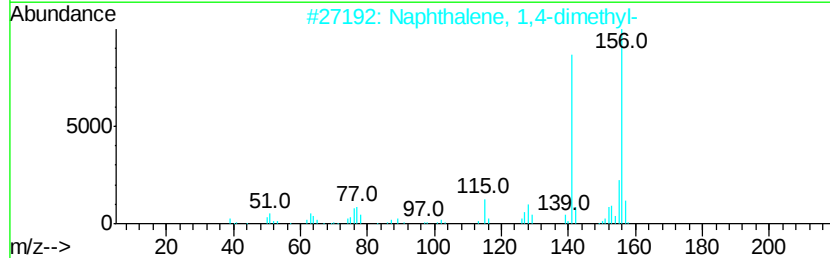
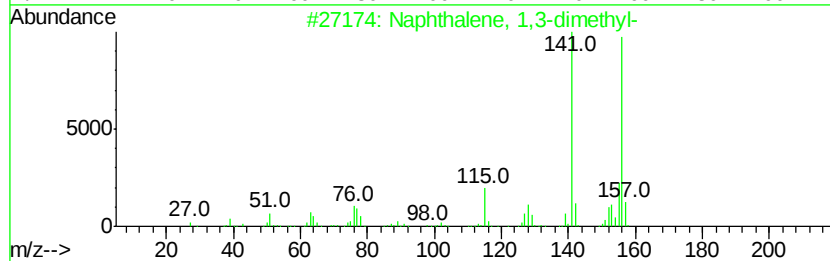
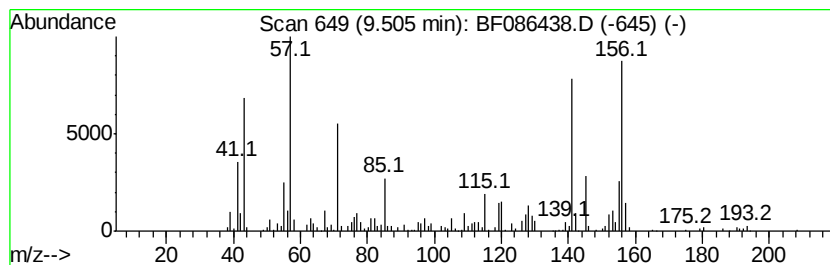
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	6.77 ng	444483	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
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ALS Vial : 14 Sample Multiplier: 1

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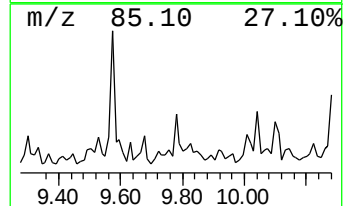
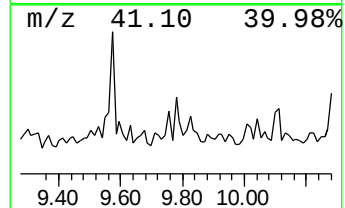
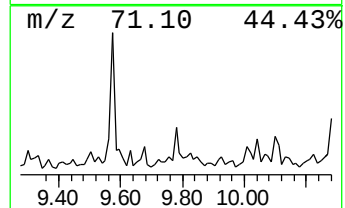
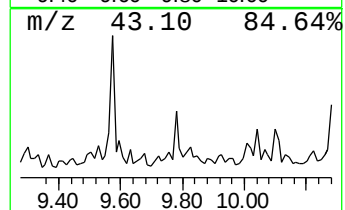
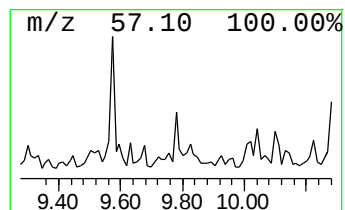
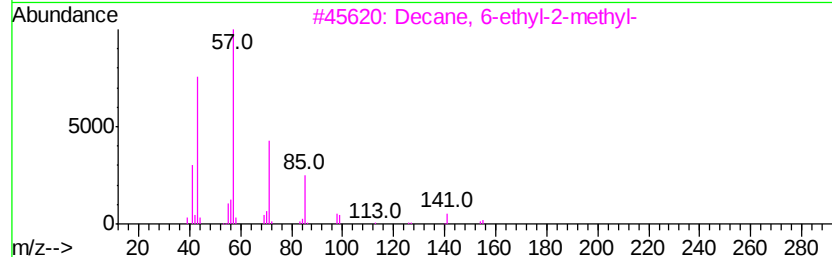
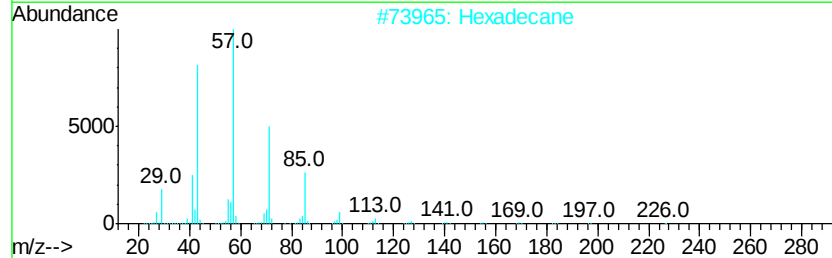
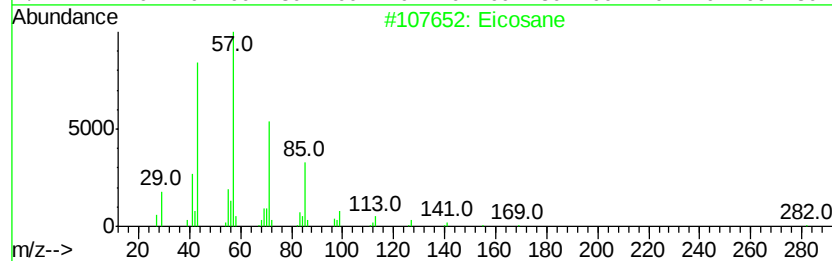
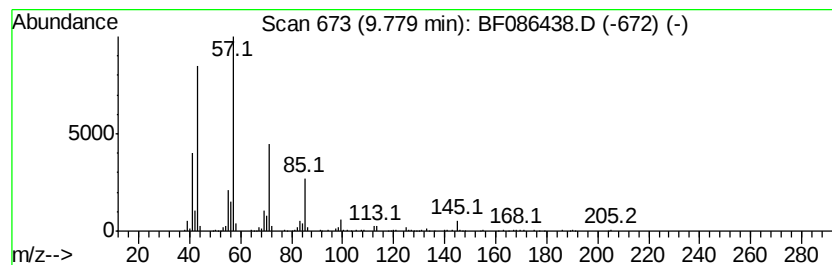
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	5.47 ng	358977	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Tetracosane	338	C24H50	000646-31-1	78
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
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ALS Vial : 14 Sample Multiplier: 1

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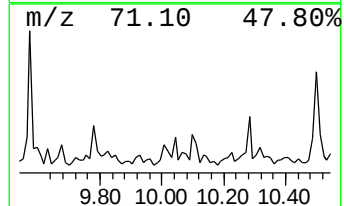
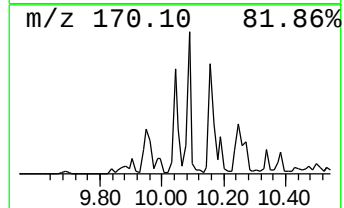
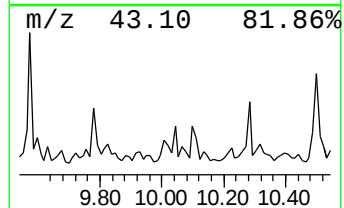
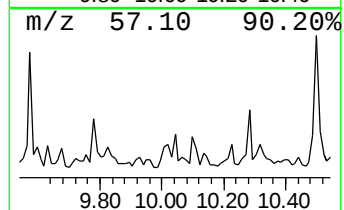
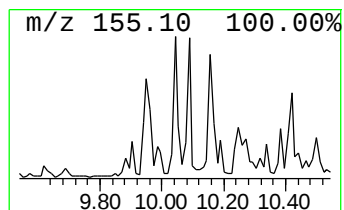
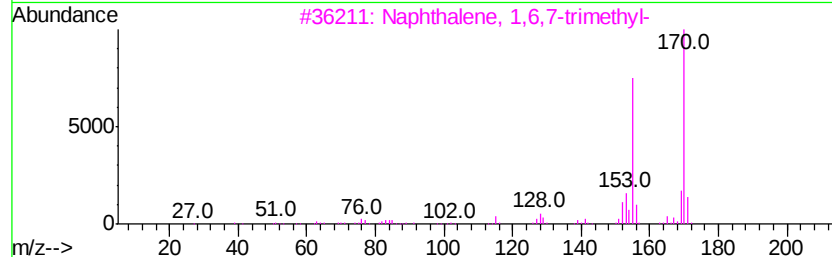
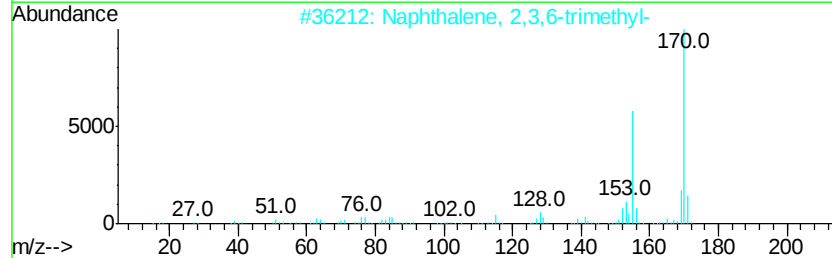
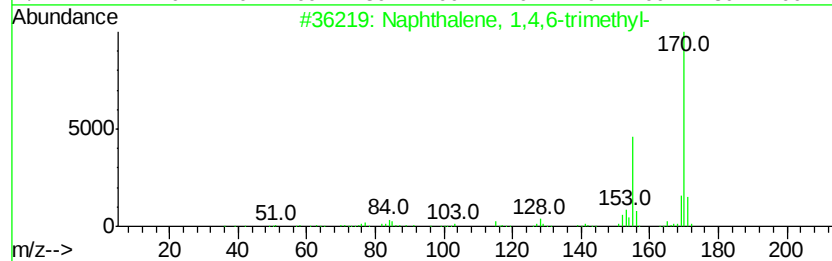
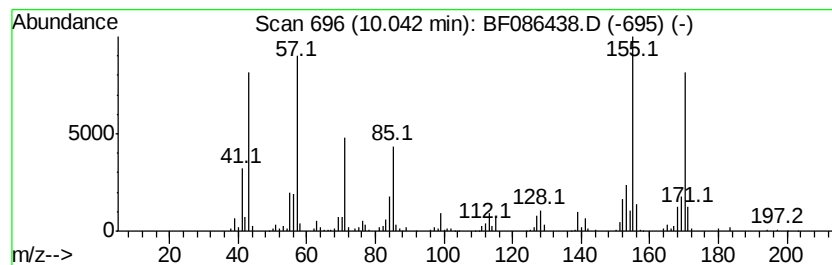
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	7.03 ng	461609	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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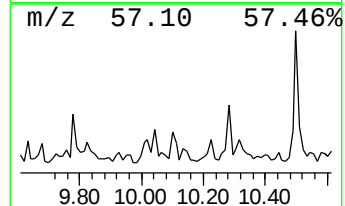
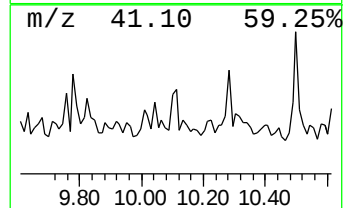
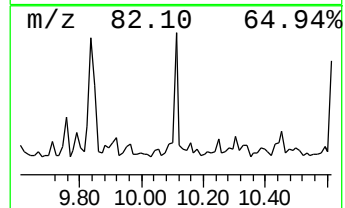
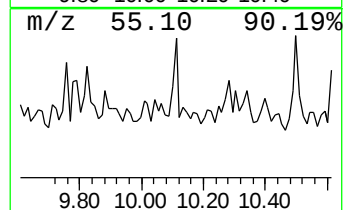
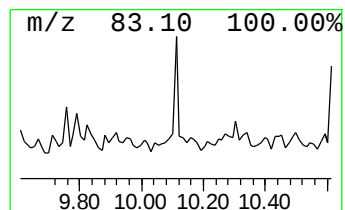
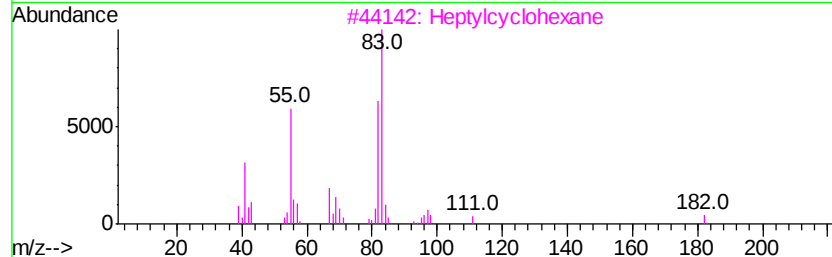
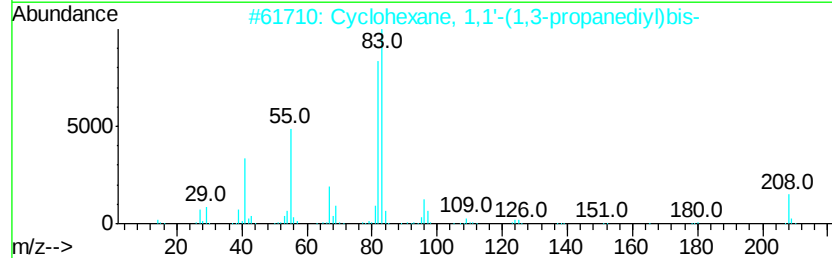
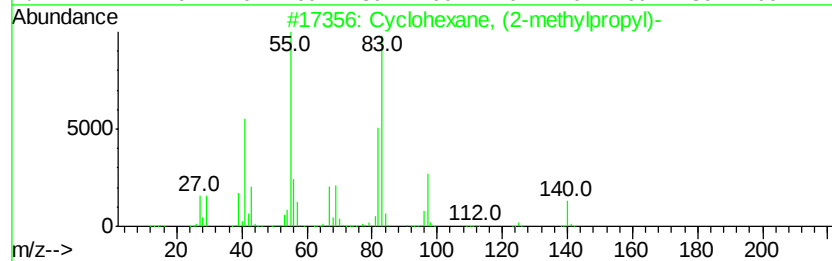
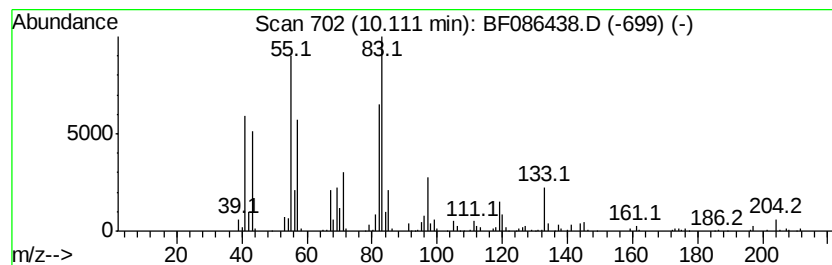
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	7.33 ng	480890	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	53
3			Heptylcyclohexane	182	C13H26	005617-41-4	50
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	49
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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ClientSampleId :
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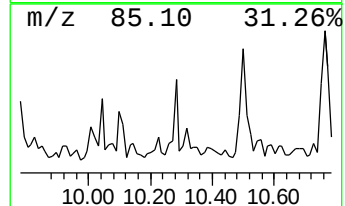
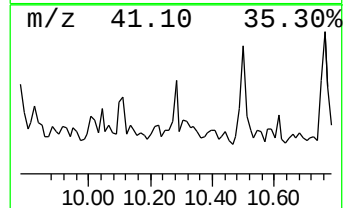
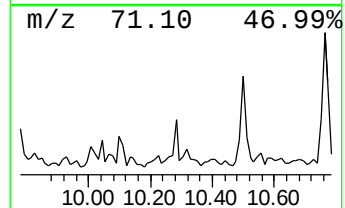
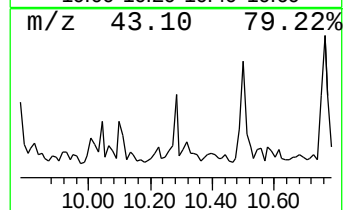
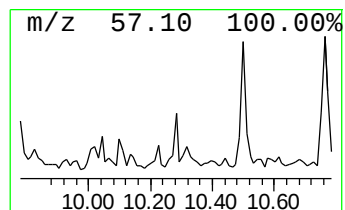
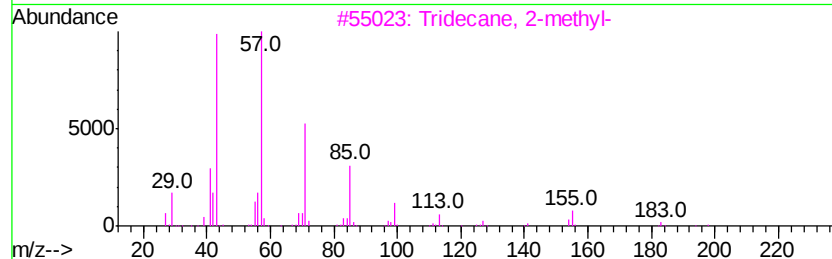
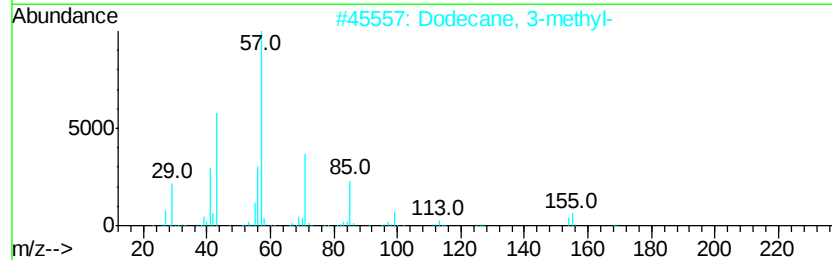
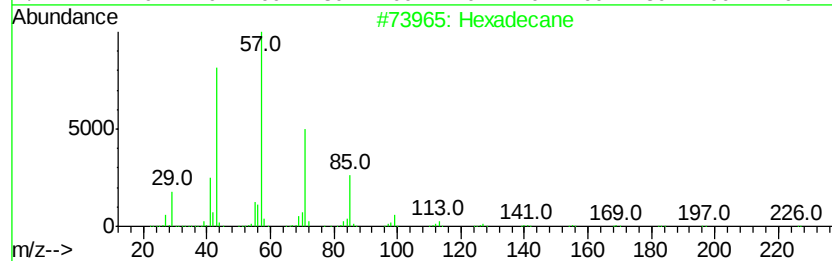
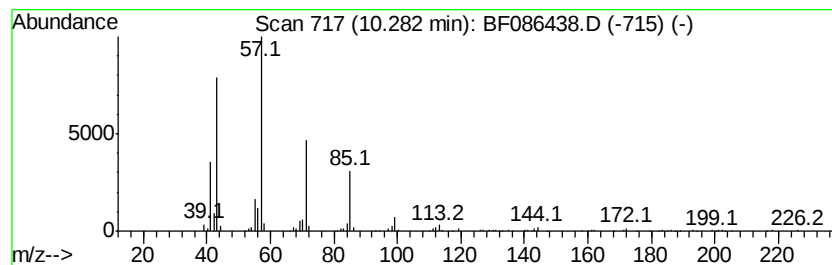
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	4.89 ng	320619	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

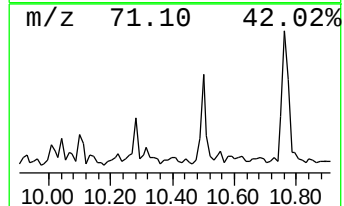
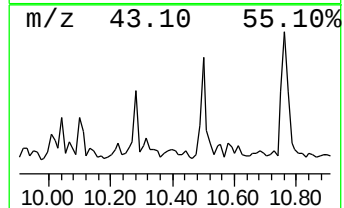
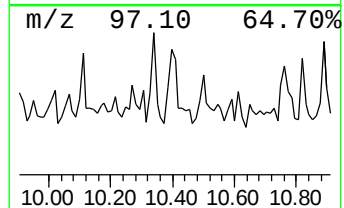
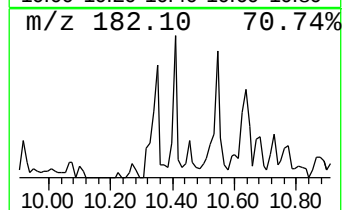
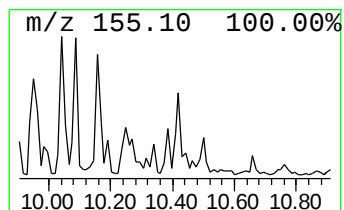
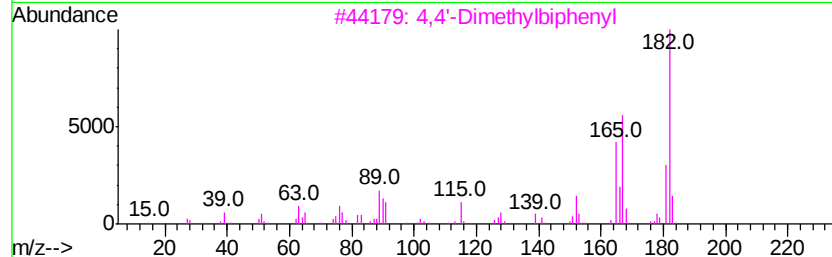
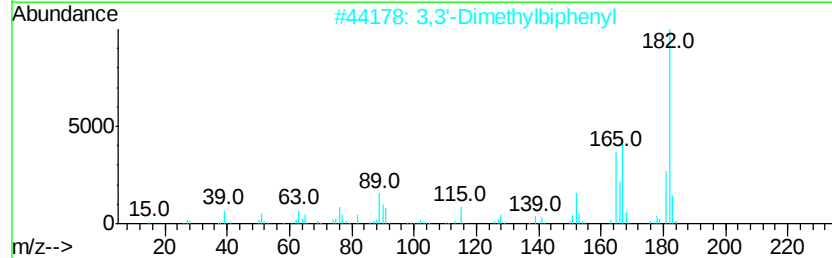
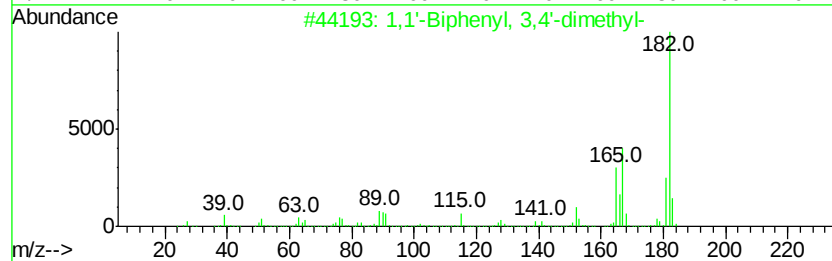
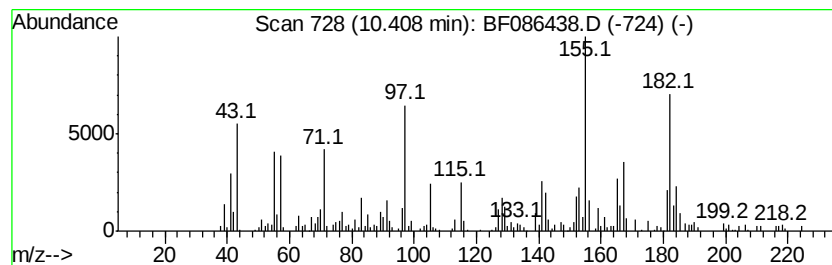
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	4.89 ng	320817	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	78
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	74
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	74
4	2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	60
5	1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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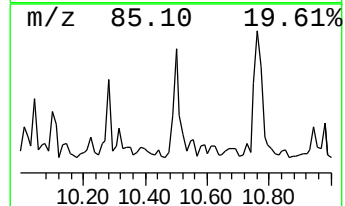
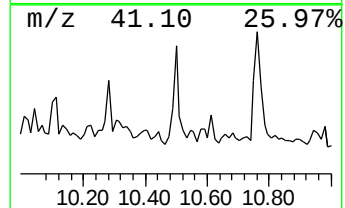
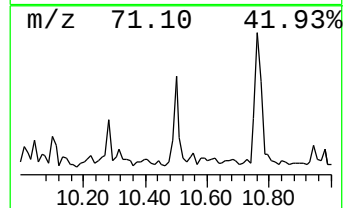
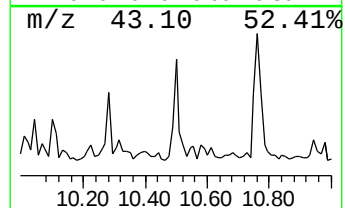
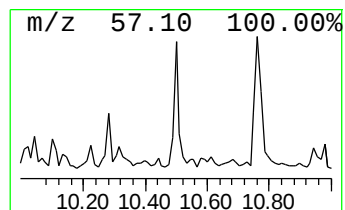
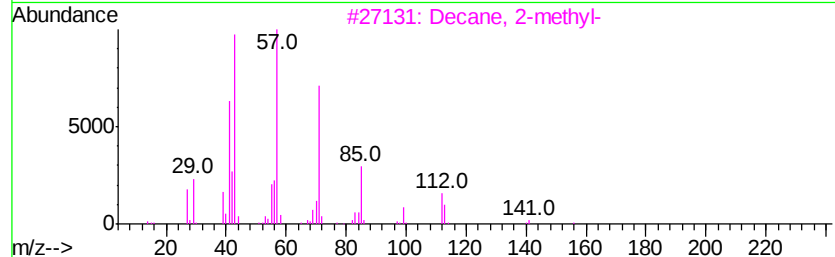
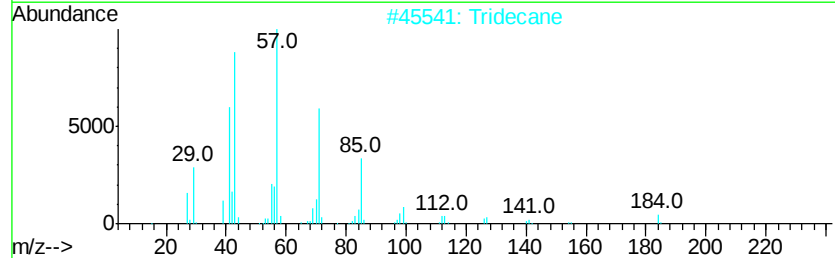
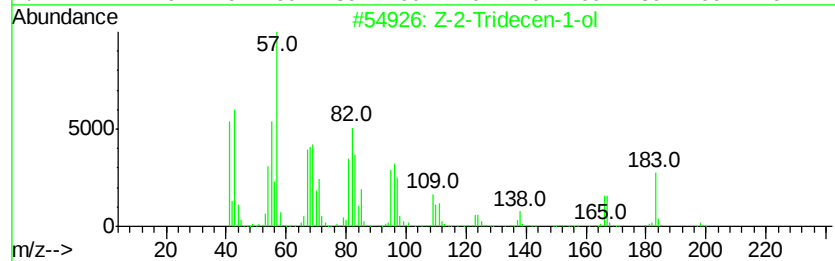
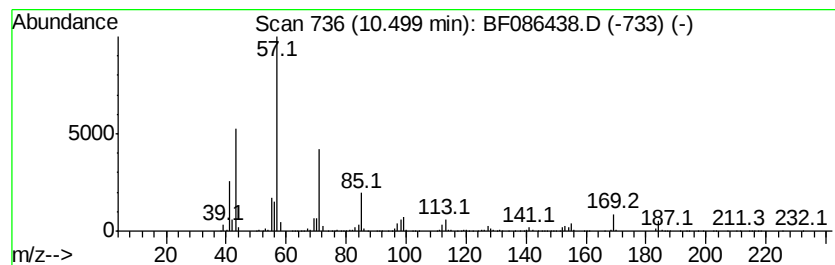
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Z-2-Tridecen-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.50	13.38 ng	877861	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol		198	C13H26O	1000130-75-8	74
2	Tridecane		184	C13H28	000629-50-5	74
3	Decane, 2-methyl-		156	C11H24	006975-98-0	70
4	Dodecane		170	C12H26	000112-40-3	68
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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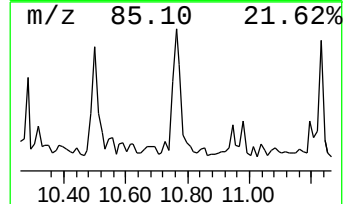
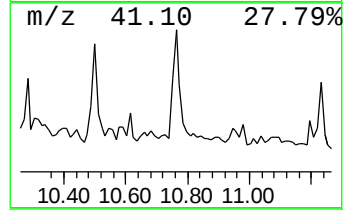
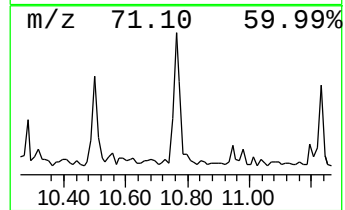
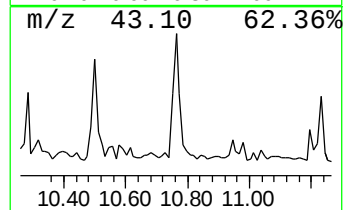
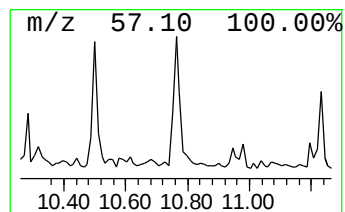
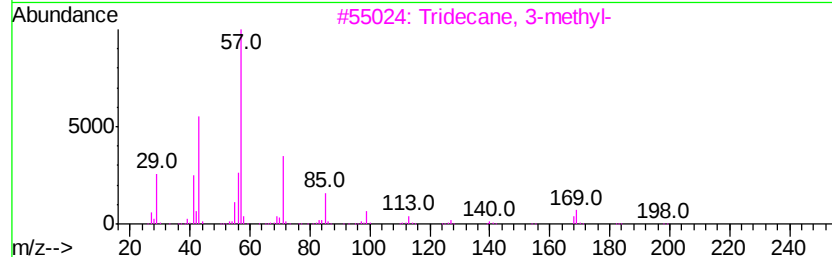
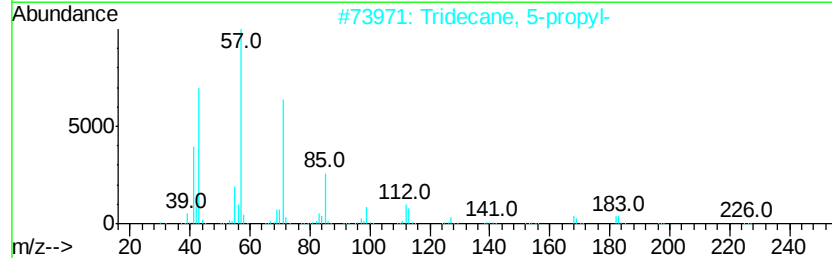
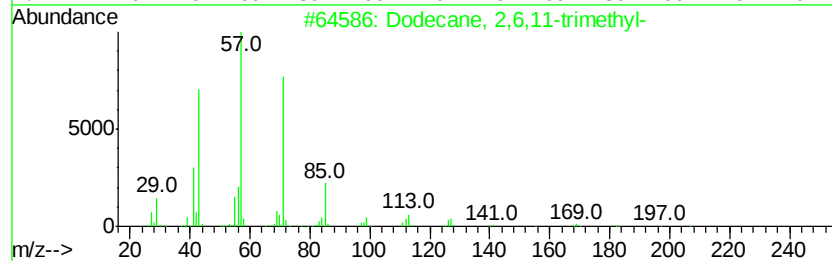
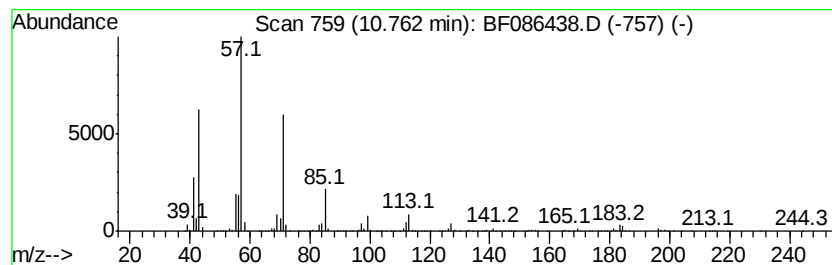
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	20.32 ng	1106120	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	62
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	62
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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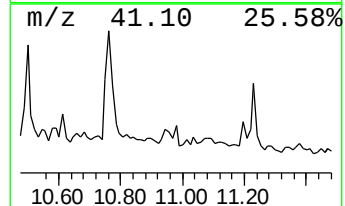
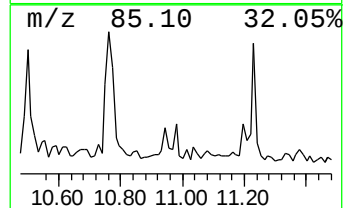
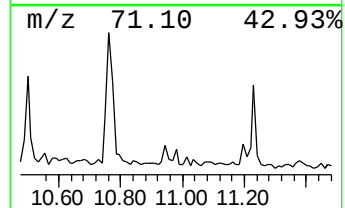
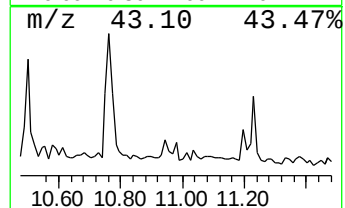
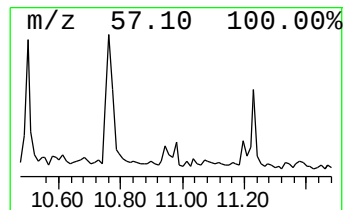
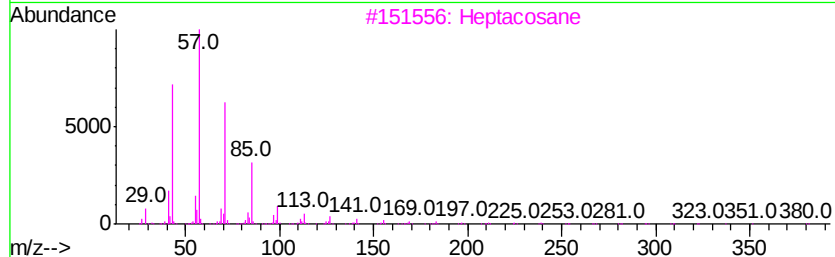
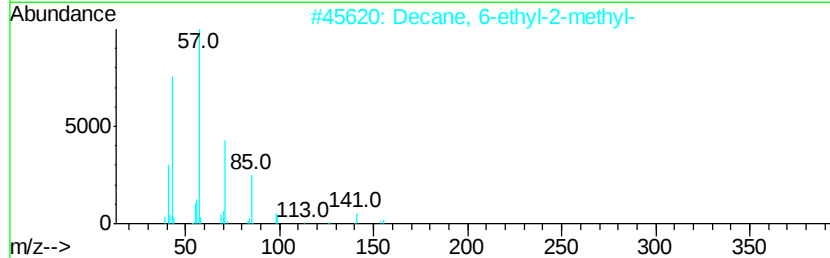
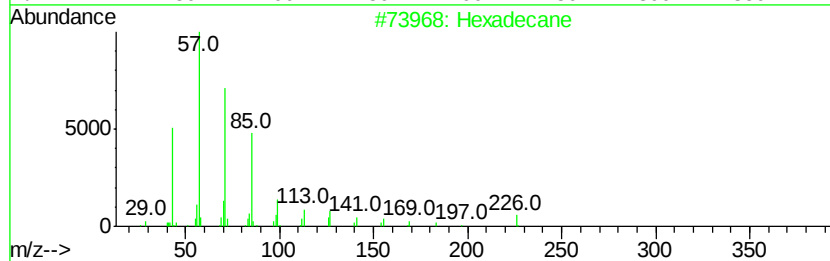
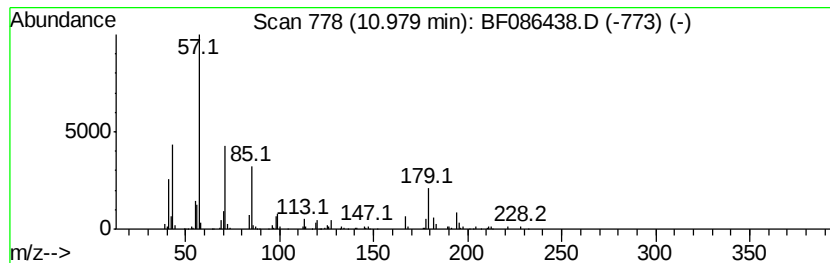
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.98 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.98	6.22 ng	338779	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	47
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
3	Heptacosane	380	C27H56	000593-49-7	47
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-1

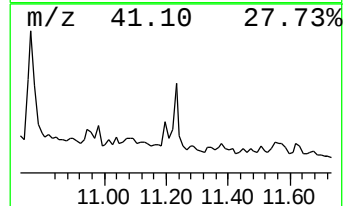
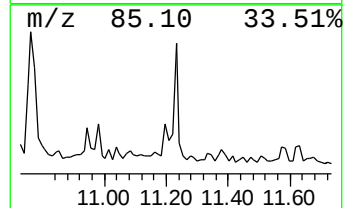
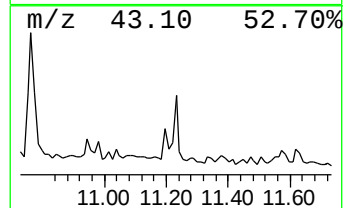
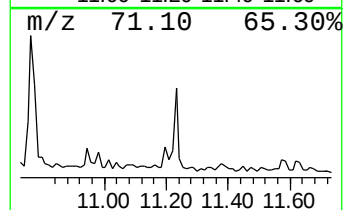
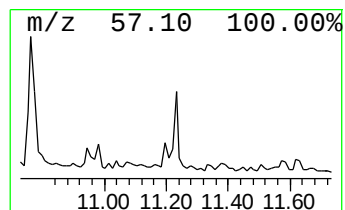
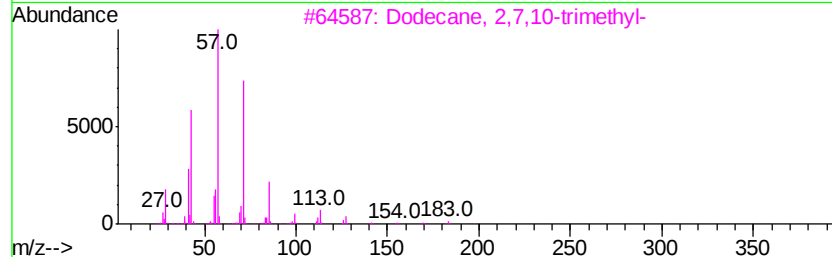
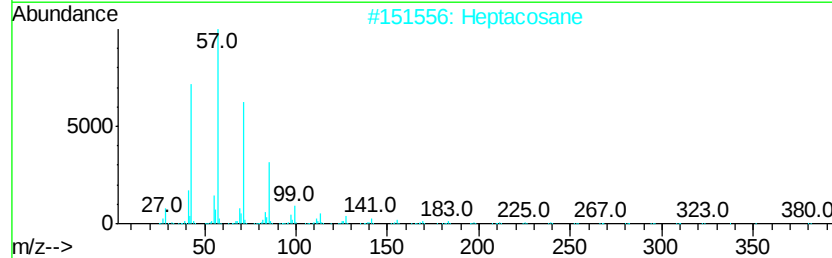
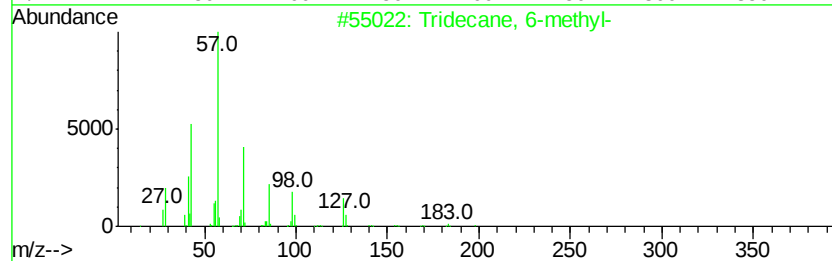
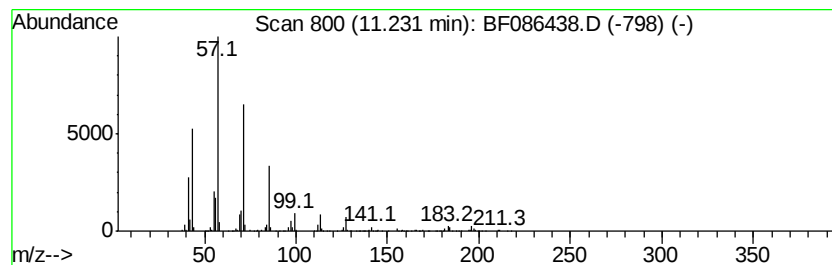
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.64 ng	524825	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086438.D
Acq On : 27 Apr 2016 22:01
Operator : UM/SJ
Sample : H2741-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

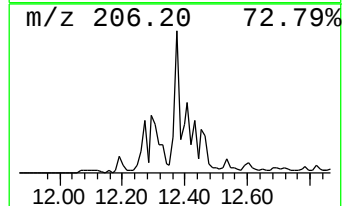
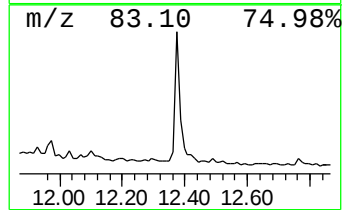
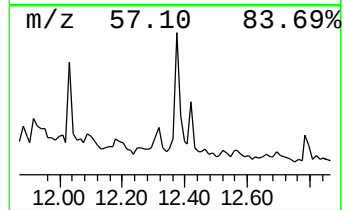
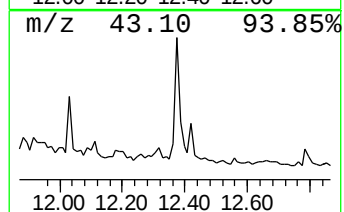
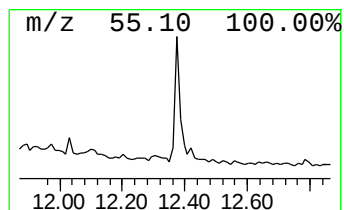
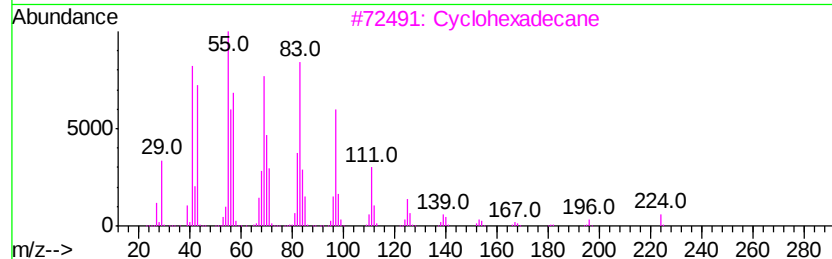
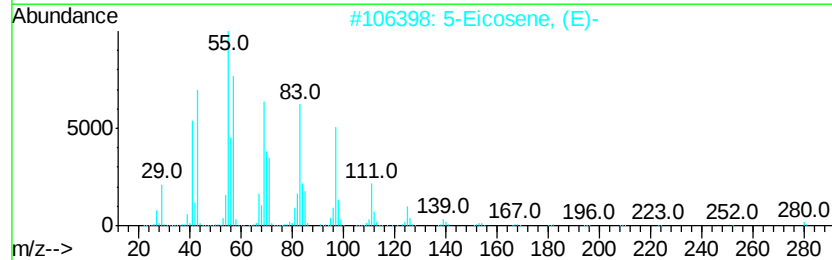
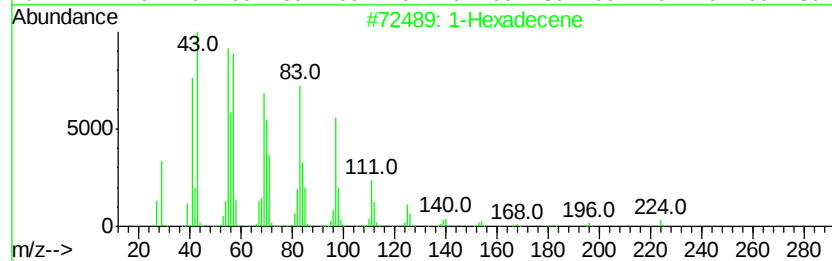
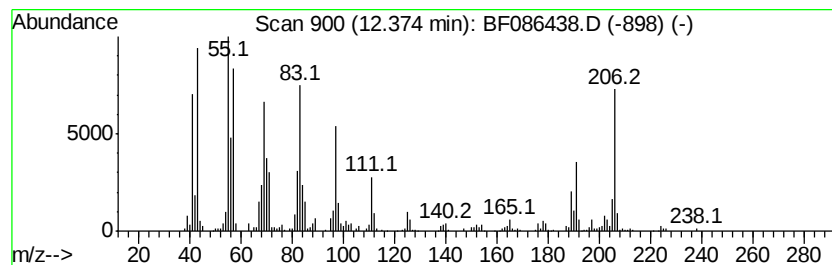
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hexadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.46 ng	460419	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene		224	C16H32	000629-73-2	97
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	91
3	Cyclohexadecane		224	C16H32	000295-65-8	83
4	1-Hexadecanol		242	C16H34O	036653-82-4	83
5	3-Hexadecene, (Z)-		224	C16H32	034303-81-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086438.D
 Acq On : 27 Apr 2016 22:01
 Operator : UM/SJ
 Sample : H2741-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
unknown6.57	6.57	41.6	ng	1599520	1	6.81	768938	20.0
unknown8.38	8.38	4.9	ng	288674	2	8.09	1172050	20.0
Heptadecane, 7-me...	8.52	8.8	ng	518415	2	8.09	1172050	20.0
unknown8.69	8.69	5.3	ng	309313	2	8.09	1172050	20.0
Naphthalene, 1,2,...	8.91	7.8	ng	456395	2	8.09	1172050	20.0
Tetradecane	9.25	8.8	ng	575458	3	9.85	1312600	20.0
Naphthalene, 1,2,...	9.32	8.9	ng	583915	3	9.85	1312600	20.0
Naphthalene, 1,3-...	9.50	6.8	ng	444483	3	9.85	1312600	20.0
Eicosane	9.78	5.5	ng	358977	3	9.85	1312600	20.0
Naphthalene, 1,4,...	10.04	7.0	ng	461609	3	9.85	1312600	20.0
Cyclohexane, (2-m...	10.11	7.3	ng	480890	3	9.85	1312600	20.0
Hexadecane	10.28	4.9	ng	320619	3	9.85	1312600	20.0
1,1'-Biphenyl, 3,...	10.41	4.9	ng	320817	3	9.85	1312600	20.0
Z-2-Tridecen-1-ol	10.50	13.4	ng	877861	3	9.85	1312600	20.0
Dodecane, 2,6,11-...	10.76	20.3	ng	1106120	4	11.32	1088540	20.0
unknown10.98	10.98	6.2	ng	338779	4	11.32	1088540	20.0
Tridecane, 6-methyl-	11.23	9.6	ng	524825	4	11.32	1088540	20.0
1-Hexadecene	12.37	8.5	ng	460419	4	11.32	1088540	20.0