

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086291.D
 Acq On : 18 Apr 2016 19:36
 Operator : UM/SJ
 Sample : H2413-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B31-1(0-2)

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-BF041516.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	2.178	6	8	24	rVB	453288	777675	6.78%	0.443%
2	5.093	260	263	270	rVB	561507	914898	7.98%	0.521%
3	5.493	295	298	300	rVB	6127812	7276540	63.43%	4.145%
4	5.893	330	333	336	rBV2	255408	343648	3.00%	0.196%
5	6.133	353	354	358	rVV2	199102	405906	3.54%	0.231%
6	6.190	358	359	360	rVV	453527	370218	3.23%	0.211%
7	6.224	360	362	368	rVB3	176224	536274	4.67%	0.305%
8	6.327	368	371	372	rBV	237945	322802	2.81%	0.184%
9	6.419	377	379	382	rBV	922522	1185717	10.34%	0.675%
10	6.522	384	388	390	rVV	5981509	7772004	67.75%	4.427%
11	6.556	390	391	393	rVV2	336710	484847	4.23%	0.276%
12	6.659	397	400	402	rVV	6547547	8155021	71.09%	4.645%
13	6.750	404	408	409	rVV2	417902	741040	6.46%	0.422%
14	6.819	409	414	416	rVV4	397206	1096596	9.56%	0.625%
15	6.887	418	420	424	rVV2	2573766	3880844	33.83%	2.211%
16	6.956	424	426	427	rVV	668263	968675	8.44%	0.552%
17	6.990	427	429	430	rVV2	585515	1048246	9.14%	0.597%
18	7.013	430	431	432	rVV	837521	918726	8.01%	0.523%
19	7.047	432	434	436	rVV	5874160	6595351	57.50%	3.757%
20	7.127	438	441	442	rVV	670984	1121779	9.78%	0.639%
21	7.162	442	444	447	rVV2	1019197	1715136	14.95%	0.977%
22	7.207	447	448	449	rVV	341729	356191	3.11%	0.203%
23	7.242	449	451	452	rVV	475605	710863	6.20%	0.405%
24	7.287	453	455	456	rVV2	933783	1280466	11.16%	0.729%
25	7.322	456	458	461	rVV3	770870	1700130	14.82%	0.968%
26	7.459	464	470	472	rVV	4307556	8256724	71.98%	4.703%
27	7.493	472	473	475	rVV2	635562	890582	7.76%	0.507%
28	7.539	475	477	479	rVV2	944875	1622020	14.14%	0.924%
29	7.585	479	481	485	rVV3	542554	1678186	14.63%	0.956%
30	7.642	485	486	488	rVV	419572	812011	7.08%	0.463%
31	7.676	488	489	490	rVV	940671	900160	7.85%	0.513%
32	7.733	493	494	495	rVV	340084	391344	3.41%	0.223%
33	7.779	495	498	500	rVV4	489994	1184425	10.33%	0.675%
34	7.813	500	501	503	rVV2	806691	1110953	9.68%	0.633%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.893	506	508	509	rVV	378052	612483	5.34%	0.349%
36	7.939	509	512	513	rVV2	347163	801898	6.99%	0.457%
37	8.008	515	518	519	rVV2	324432	738060	6.43%	0.420%
38	8.076	522	524	527	rVV2	409133	998838	8.71%	0.569%
39	8.122	527	528	530	rVV2	376863	610277	5.32%	0.348%
40	8.179	530	533	536	rVV2	2318699	4787769	41.74%	2.727%
41	8.236	536	538	540	rVV3	345709	697440	6.08%	0.397%
42	8.282	540	542	545	rVV3	270243	493709	4.30%	0.281%
43	8.350	546	548	550	rVV3	185553	324474	2.83%	0.185%
44	8.453	555	557	560	rVV3	130619	309063	2.69%	0.176%
45	8.602	568	570	575	rVB3	172717	404844	3.53%	0.231%
46	8.830	589	590	593	rVV3	122980	225531	1.97%	0.128%
47	8.888	593	595	597	rVB	1628075	1290623	11.25%	0.735%
48	8.956	599	601	602	rVV	202992	203826	1.78%	0.116%
49	8.990	602	604	606	rVB	906367	1016823	8.86%	0.579%
50	9.253	624	627	629	rBV	6133100	5928255	51.68%	3.377%
51	9.345	632	635	637	rBV2	409086	683591	5.96%	0.389%
52	9.448	642	644	646	rVB	274803	287577	2.51%	0.164%
53	9.516	647	650	652	rBV	505079	772530	6.73%	0.440%
54	9.585	654	656	658	rVV	739102	890903	7.77%	0.507%
55	9.619	658	659	660	rVV	278319	225474	1.97%	0.128%
56	9.642	660	661	664	rVB	1248986	1169111	10.19%	0.666%
57	9.699	664	666	671	rVB	291533	517690	4.51%	0.295%
58	9.791	671	674	676	rBV	509806	602959	5.26%	0.343%
59	9.928	683	686	688	rBV	2385982	2878558	25.09%	1.640%
60	9.962	688	689	691	rVV	2788148	2078111	18.12%	1.184%
61	10.088	697	700	702	rBV2	235880	320520	2.79%	0.183%
62	10.133	702	704	706	rBV	2770048	2333432	20.34%	1.329%
63	10.168	706	707	711	rVB2	187813	223099	1.94%	0.127%
64	10.248	711	714	715	rBV3	283305	310382	2.71%	0.177%
65	10.339	720	722	726	rBV2	359043	733295	6.39%	0.418%
66	10.476	732	734	737	rBV	3981648	3788506	33.03%	2.158%
67	10.556	737	741	742	rBV2	352247	896662	7.82%	0.511%
68	10.636	745	748	750	rVB	817534	955137	8.33%	0.544%
69	10.716	752	755	757	rBV	3480138	3999267	34.86%	2.278%
70	10.762	757	759	761	rVB3	268375	372327	3.25%	0.212%
71	10.808	761	763	764	rBV2	137479	250331	2.18%	0.143%

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72	10.854	764	767	770	rVB2	907459	1369272	11.94%	0.780%
73	11.025	779	782	783	rBV	705217	785870	6.85%	0.448%
74	11.105	787	789	790	rVB	251678	206531	1.80%	0.118%
75	11.174	791	795	796	rBV3	404545	774430	6.75%	0.441%
76	11.219	797	799	801	rVB	595709	575131	5.01%	0.328%
77	11.265	801	803	804	rBV	356324	396810	3.46%	0.226%
78	11.311	805	807	810	rVB2	1532404	2314655	20.18%	1.319%
79	11.448	814	819	821	rBV2	6459937	11471103	100.00%	6.534%
80	11.494	821	823	825	rVV	3678883	3274854	28.55%	1.865%
81	11.642	834	836	837	rBV	1373319	1219848	10.63%	0.695%
82	11.665	837	838	840	rVV	431820	532683	4.64%	0.303%
83	11.711	840	842	843	rVV	416080	413707	3.61%	0.236%
84	11.916	858	860	861	rBV	1284264	1225665	10.68%	0.698%
85	11.951	861	863	865	rVB	1715578	2022050	17.63%	1.152%
86	11.996	865	867	868	rBV2	708360	948567	8.27%	0.540%
87	12.031	868	870	874	rVB2	2230913	3268812	28.50%	1.862%
88	12.214	885	886	887	rBV	858508	702530	6.12%	0.400%
89	12.408	901	903	906	rBV2	767283	1321617	11.52%	0.753%
90	12.648	920	924	925	rBV	4316027	7055735	61.51%	4.019%
91	12.682	925	927	930	rVB2	523997	790921	6.89%	0.451%
92	12.877	941	944	946	rVB	3283301	5407640	47.14%	3.080%
93	13.014	954	956	959	rBV2	1881587	2401375	20.93%	1.368%
94	14.065	1046	1048	1050	rBV2	1721205	2727047	23.77%	1.553%
95	14.100	1050	1051	1053	rVB	1755541	1400896	12.21%	0.798%
96	15.105	1136	1139	1142	rVB	1530328	3447344	30.05%	1.964%
97	15.391	1162	1164	1167	rVV	942342	1664430	14.51%	0.948%
98	15.460	1167	1170	1173	rVB	1665304	2415493	21.06%	1.376%
99	16.923	1295	1298	1302	rVB2	998369	2273290	19.82%	1.295%
100	17.357	1333	1336	1343	rVB	844305	1883850	16.42%	1.073%

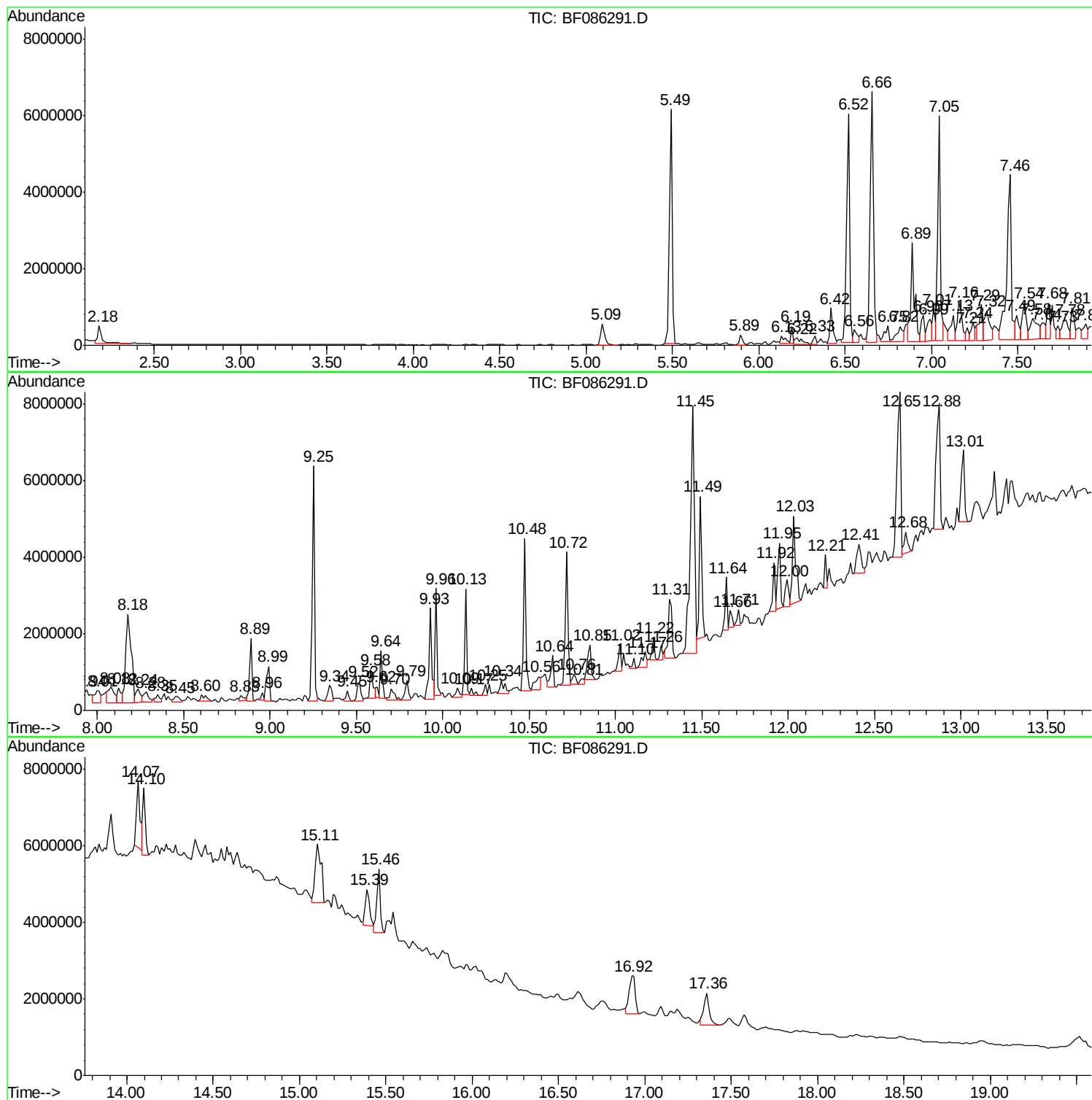
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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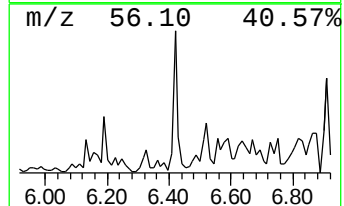
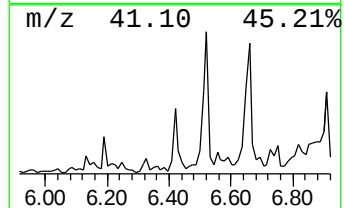
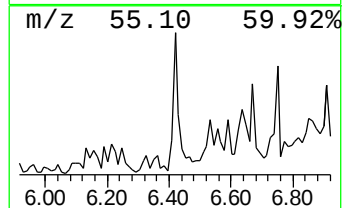
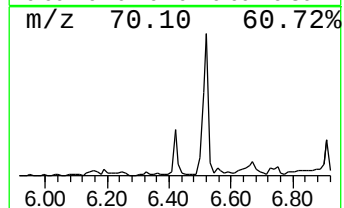
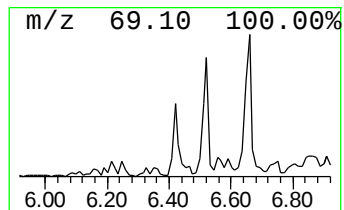
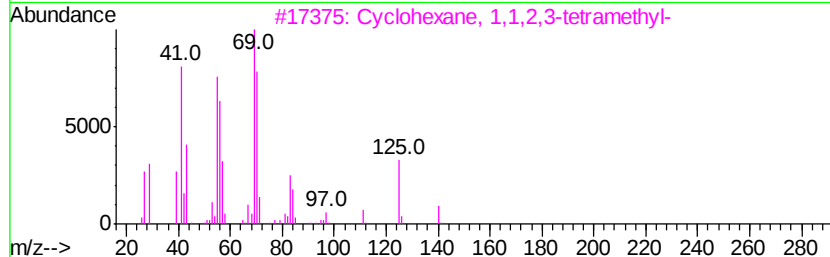
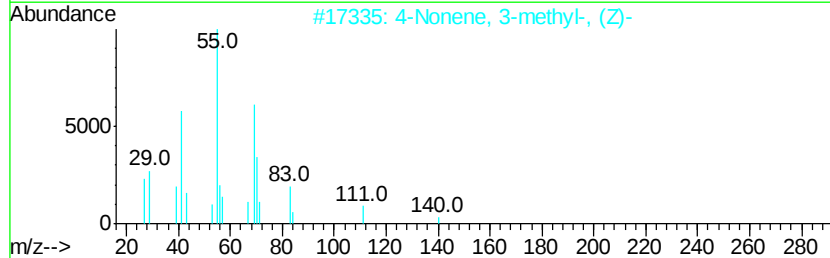
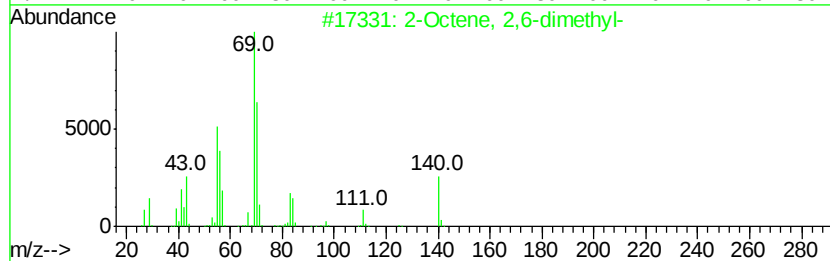
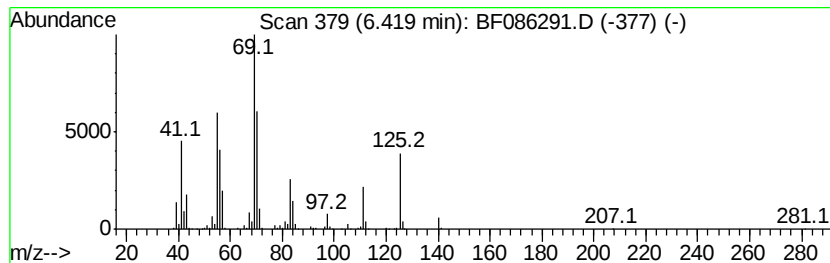
Instrument :
BNA_F
ClientSampleId :
B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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-Octene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.42	6.11 ng	1185720	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50



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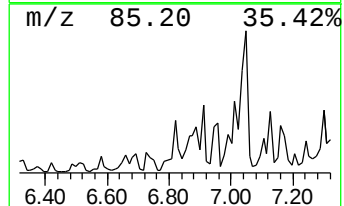
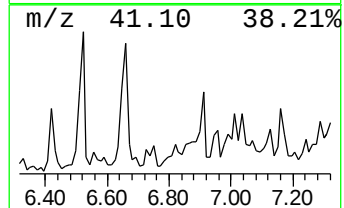
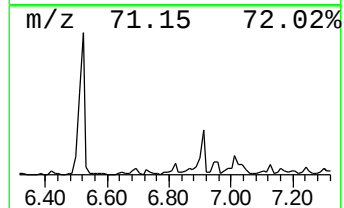
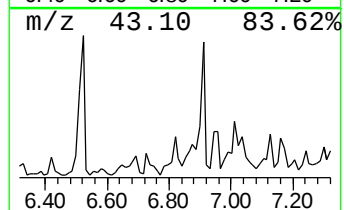
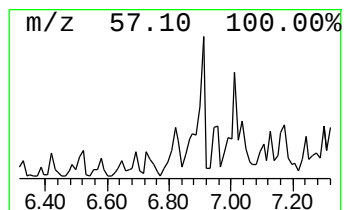
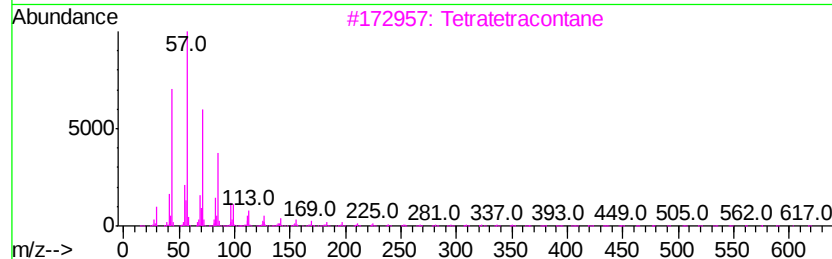
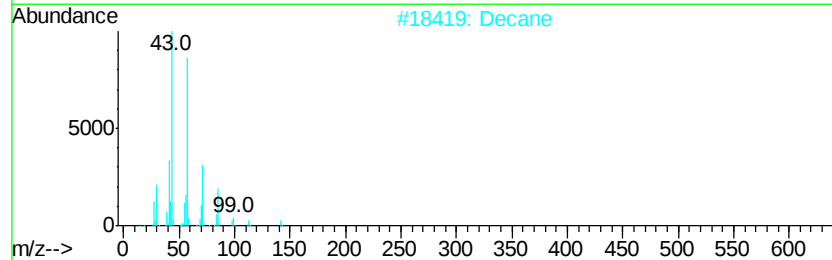
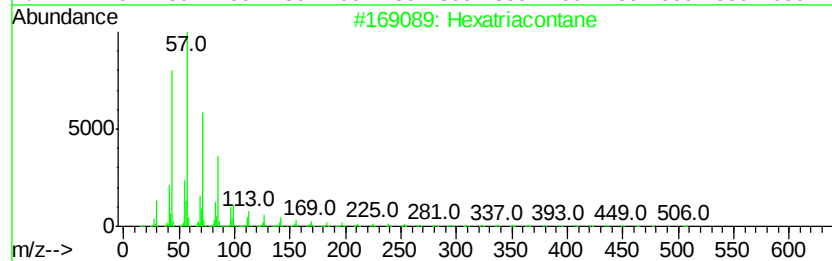
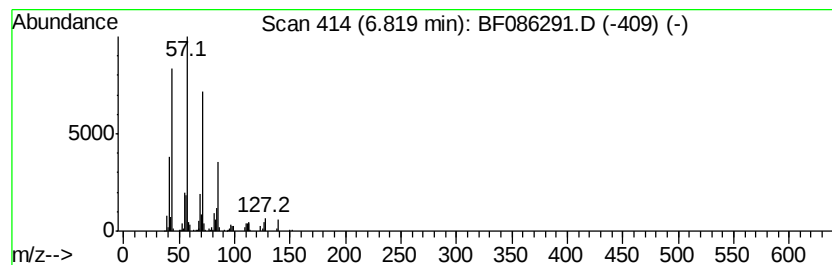
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexatriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	5.65 ng	1096600	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	64
2			Decane	142	C10H22	000124-18-5	59
3			Tetratetracontane	619	C44H90	007098-22-8	59
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
5			Tetracosane	338	C24H50	000646-31-1	59



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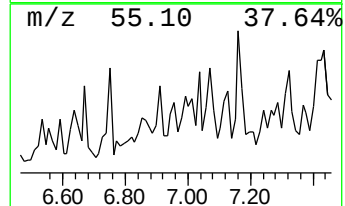
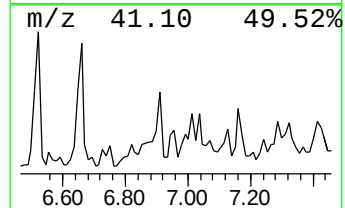
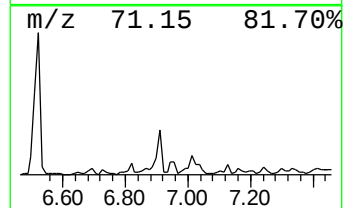
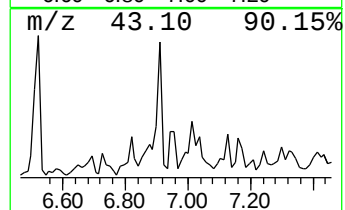
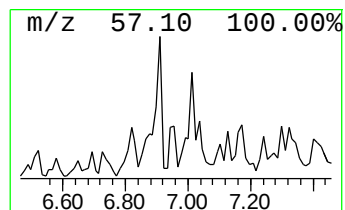
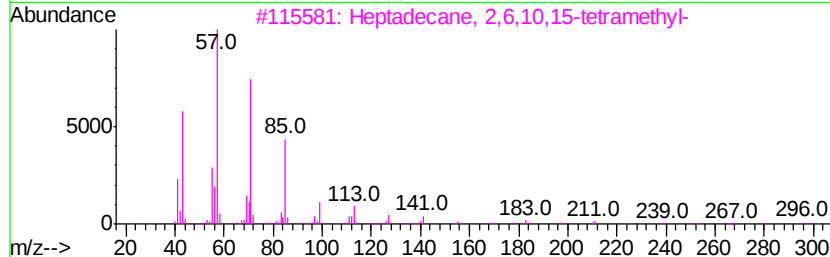
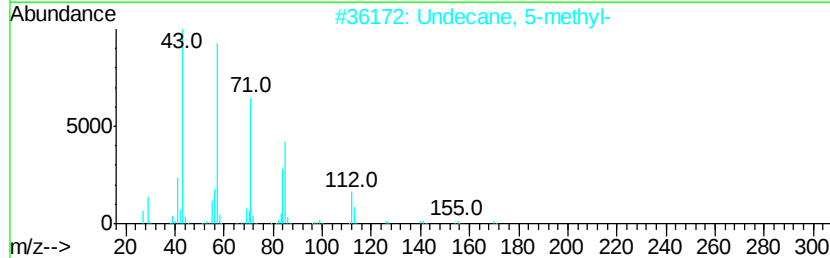
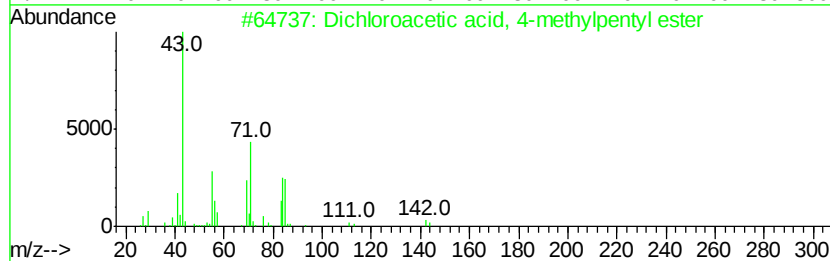
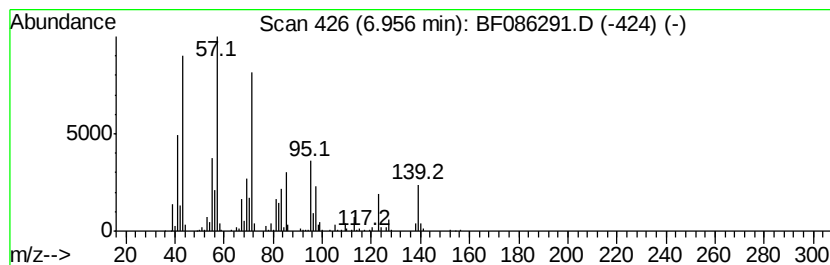
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.96 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	4.99 ng	968675	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	47
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	43
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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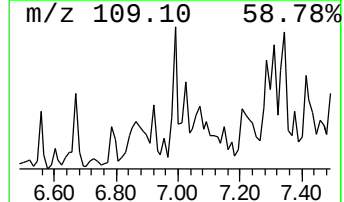
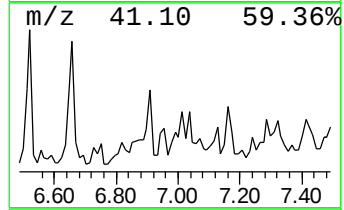
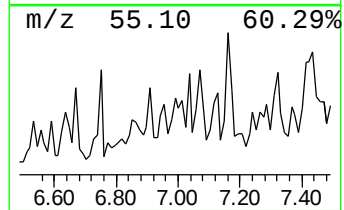
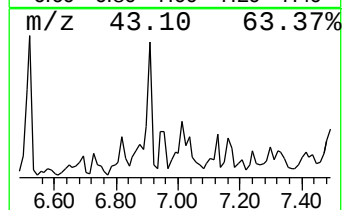
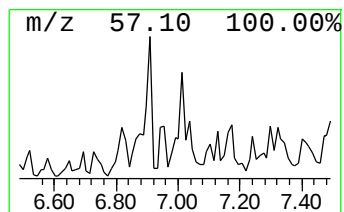
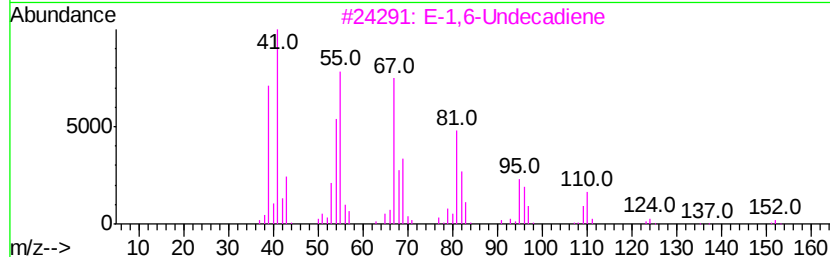
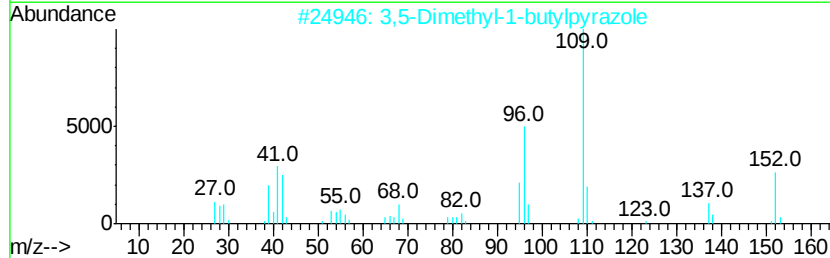
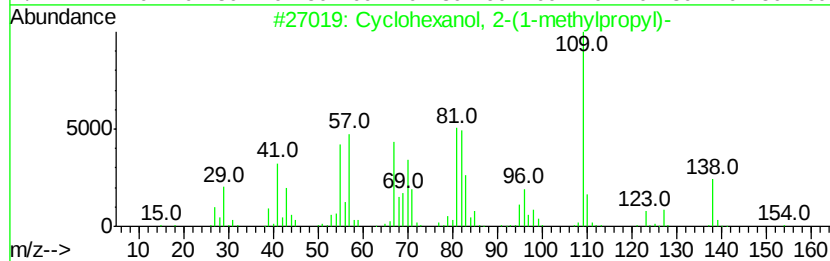
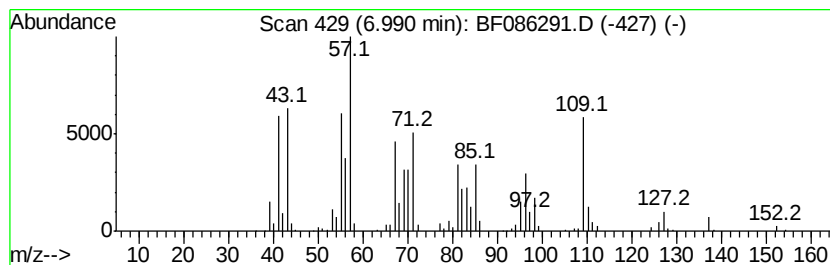
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	5.40 ng	1048250	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-(1-methylpropyl)-	156	C10H20O	004632-01-3	47
2		3,5-Dimethyl-1-butylpyrazole	152	C9H16N2	002655-37-0	27
3		E-1,6-Undecadiene	152	C11H20	1000245-71-2	27
4		10-Undecenal	168	C11H20O	000112-45-8	22
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
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Instrument :
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ClientSampleId :
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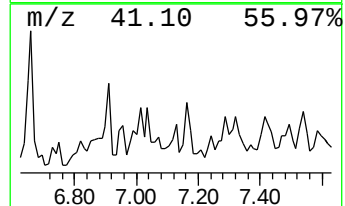
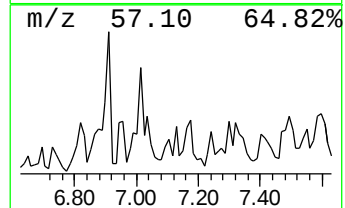
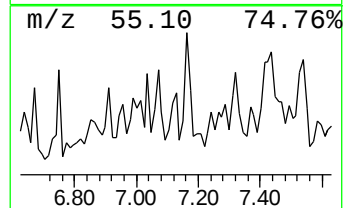
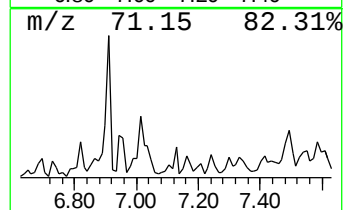
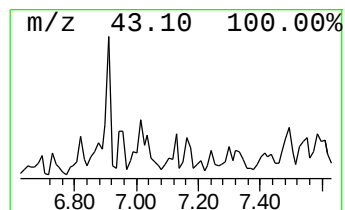
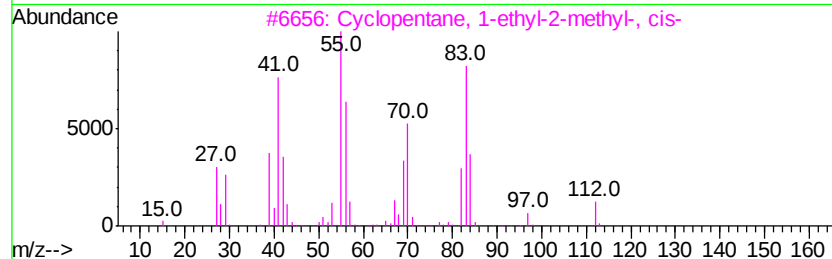
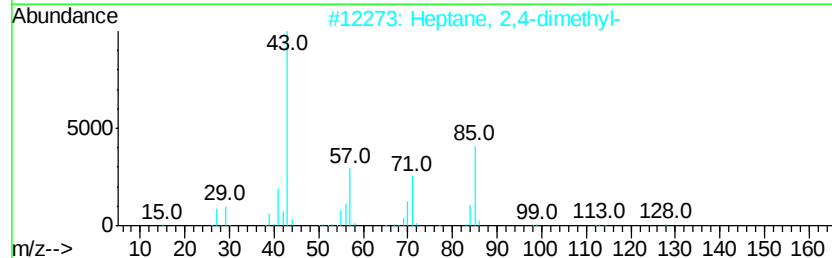
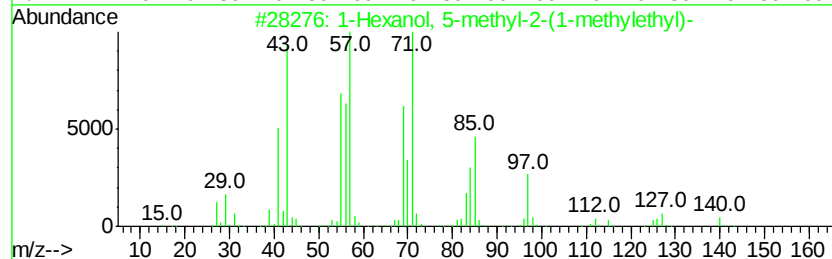
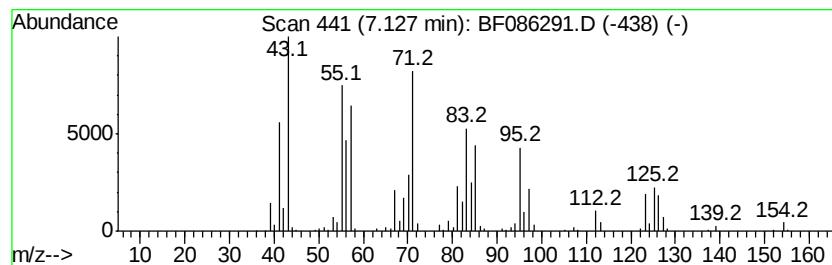
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	5.78 ng	1121780	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	43
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	35
4			Ether, hexyl pentyl	172	C11H24O	032357-83-8	35
5			Propanoic acid, 2-methyl-, 2-met...	172	C10H20O2	084254-82-0	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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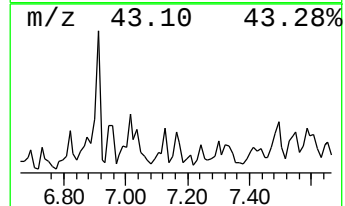
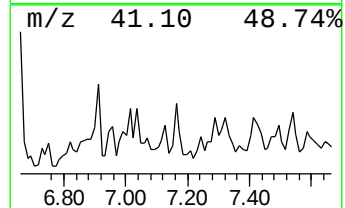
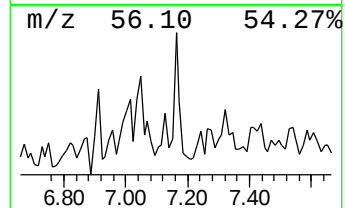
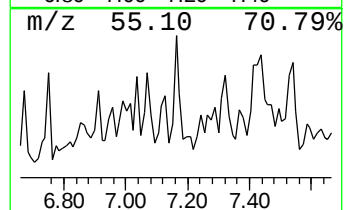
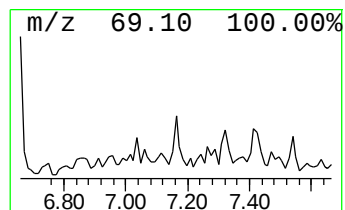
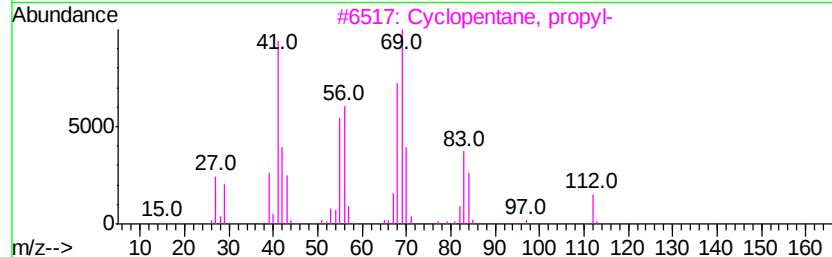
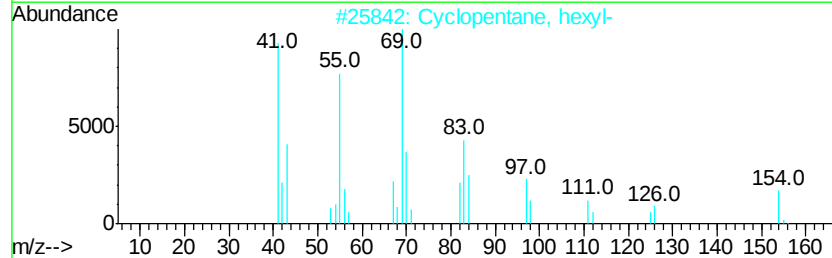
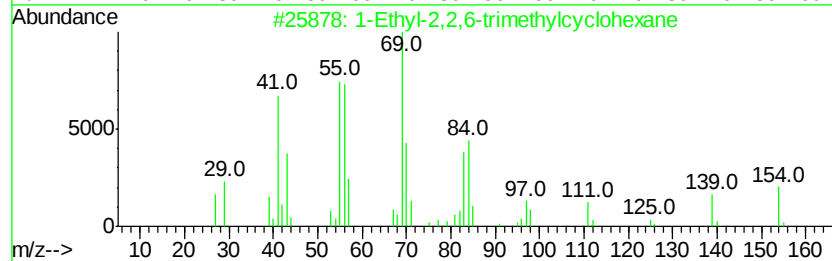
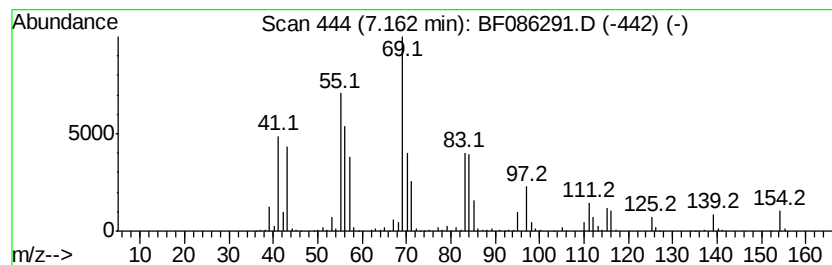
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	8.84 ng	1715140	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2			Cyclopentane, hexyl-	154	C11H22	004457-00-5	70
3			Cyclopentane, propyl-	112	C8H16	002040-96-2	53
4			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	53
5			5-Undecene	154	C11H22	004941-53-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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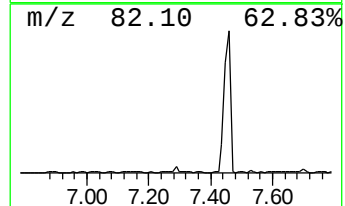
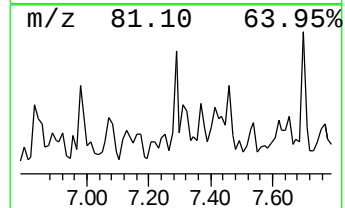
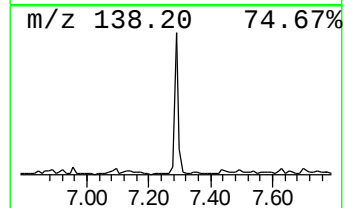
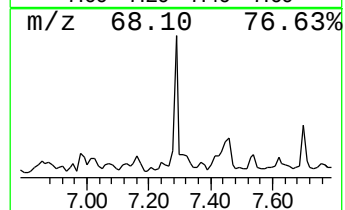
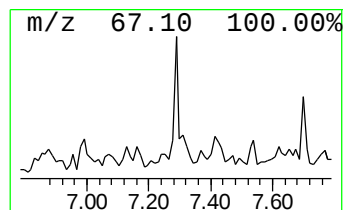
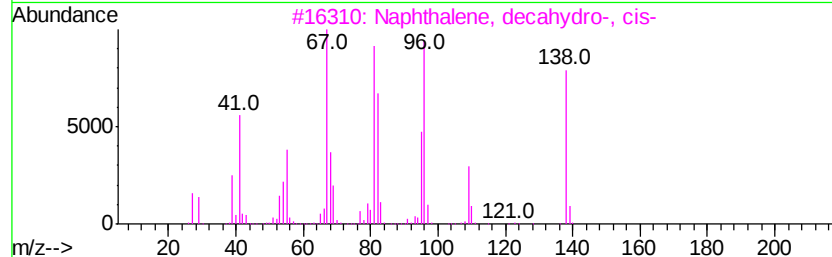
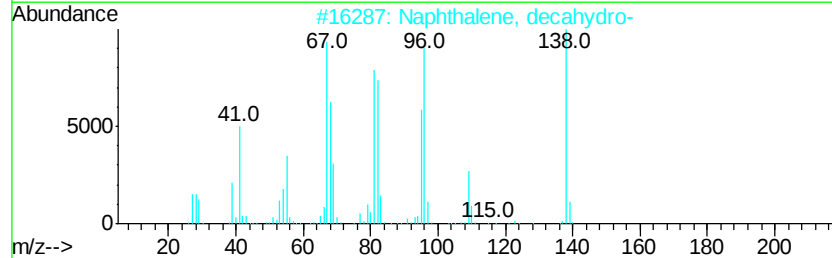
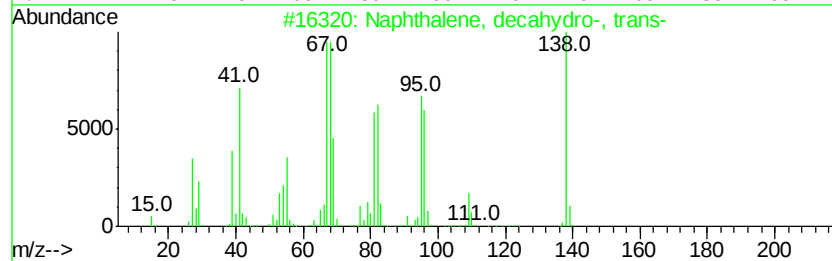
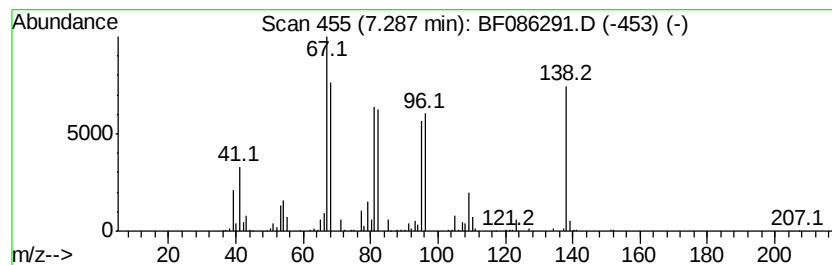
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	6.60 ng	1280470	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	89
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68
4			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	58
5			Spiro[4.5]decane	138	C10H18	000176-63-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
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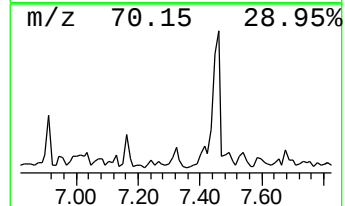
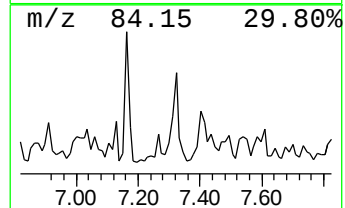
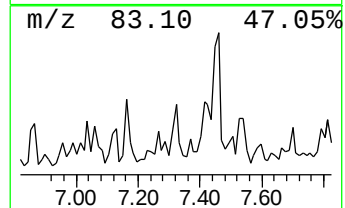
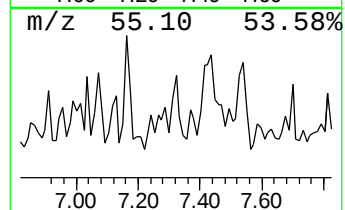
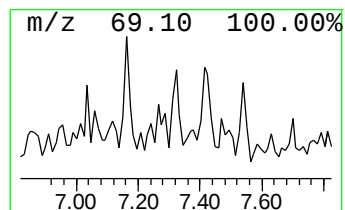
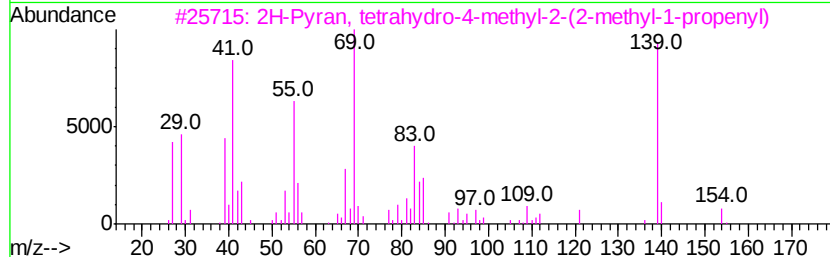
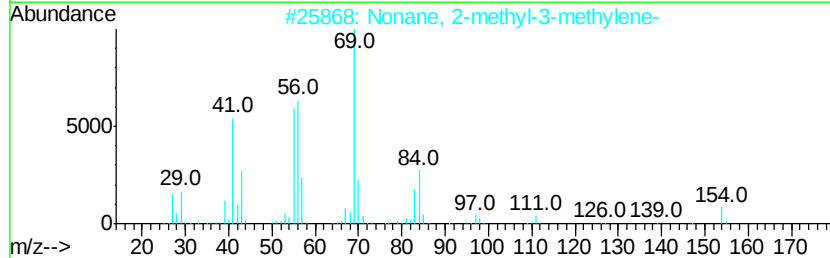
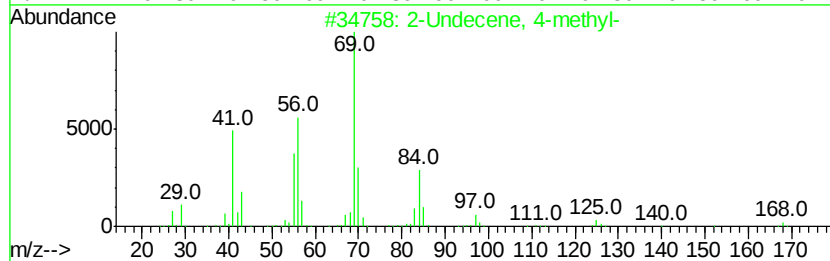
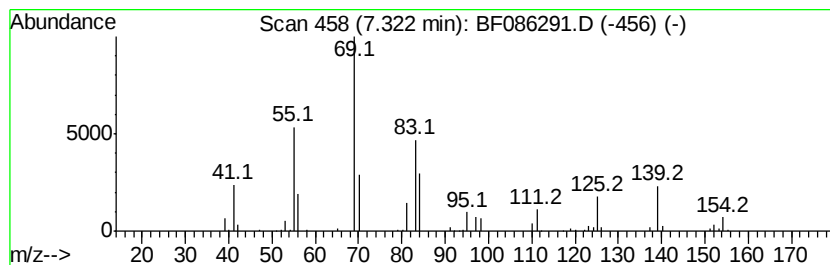
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Undecene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.32	8.76 ng	1700130	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
3	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	45
4	3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	42
5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
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ClientSampleId :
B31-1(0-2)

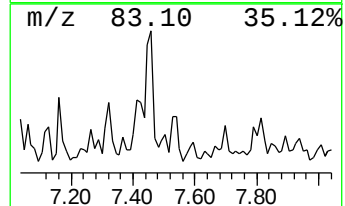
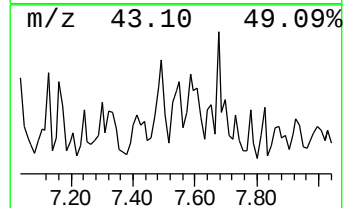
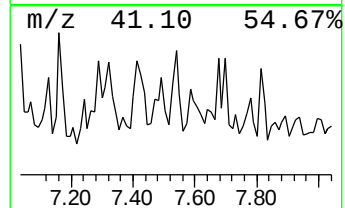
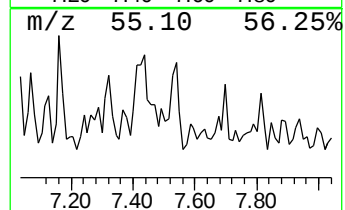
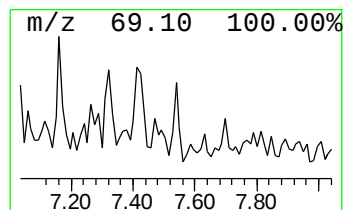
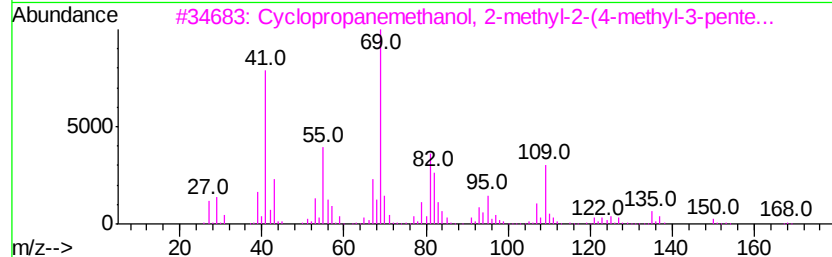
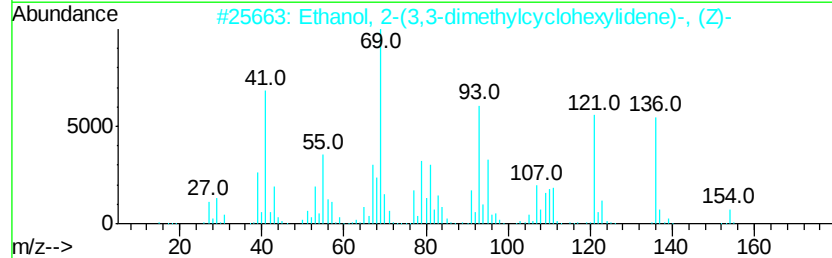
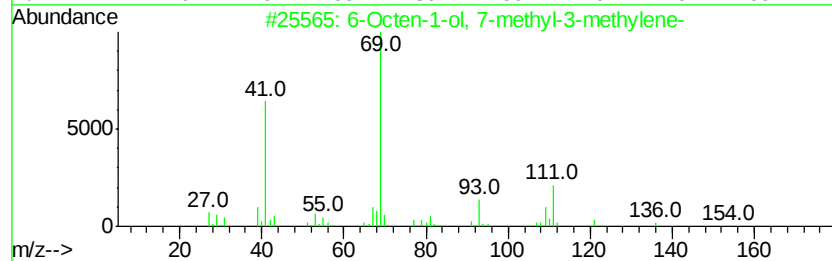
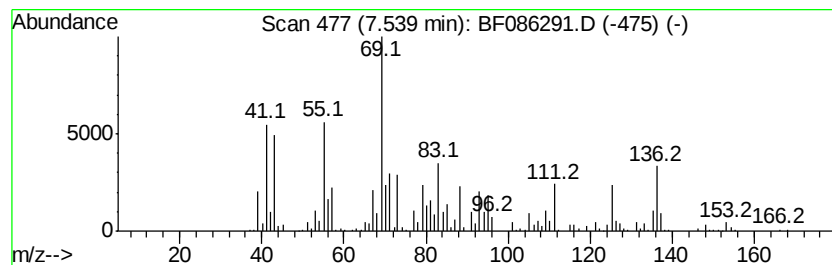
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.54 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	6.78 ng	1622020	Napthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	43
2		Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	026532-23-0	43
3		Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	38
4		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
5		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
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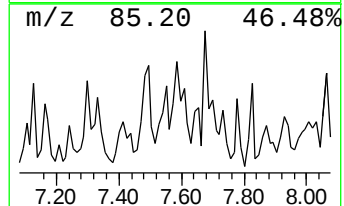
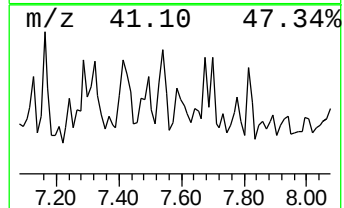
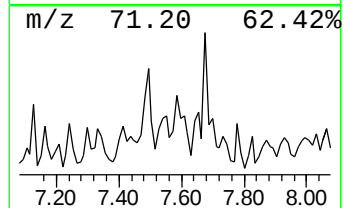
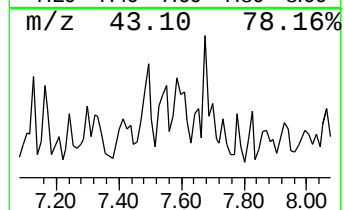
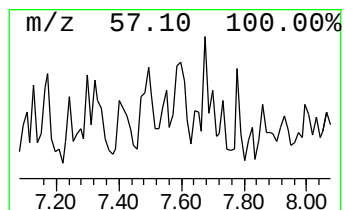
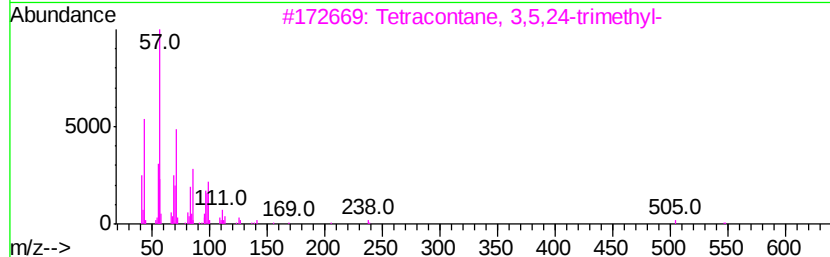
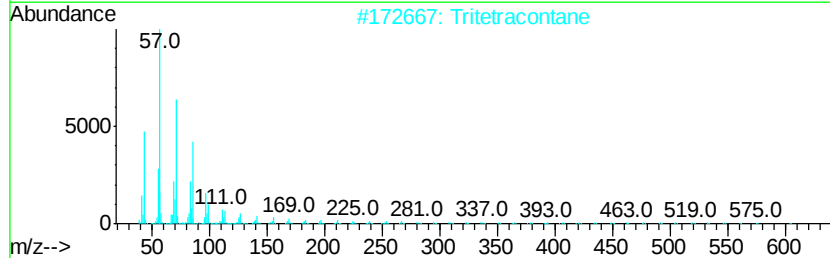
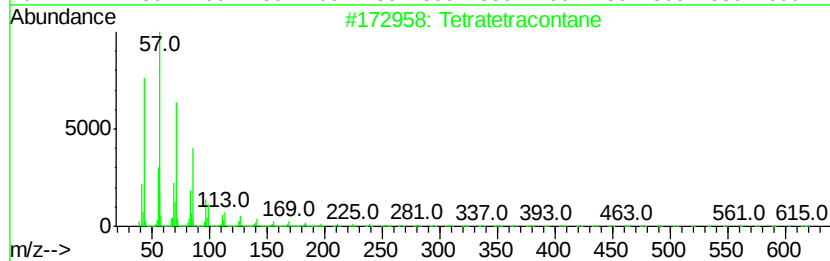
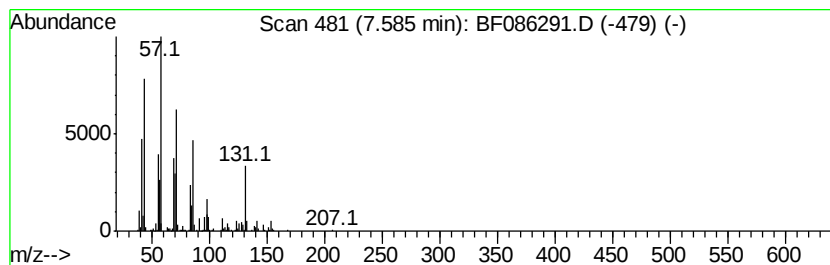
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	7.01 ng	1678190	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	59
2			Tritetracontane	605	C43H88	007098-21-7	59
3			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
4			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	49
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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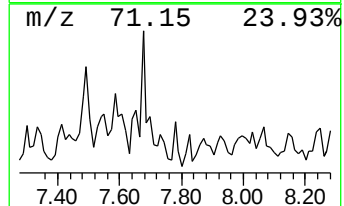
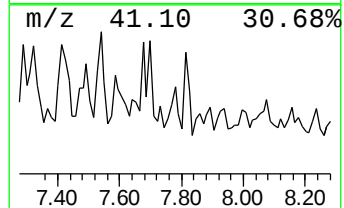
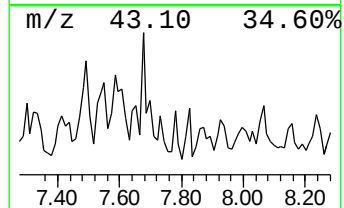
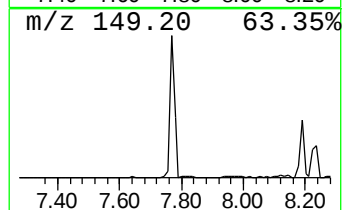
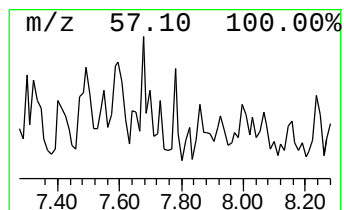
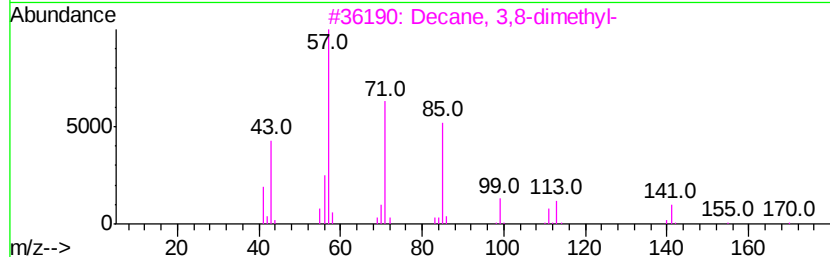
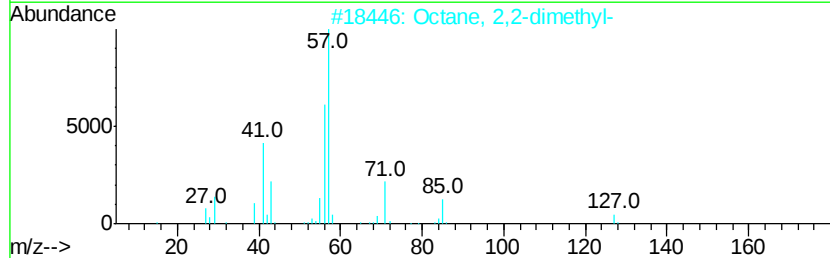
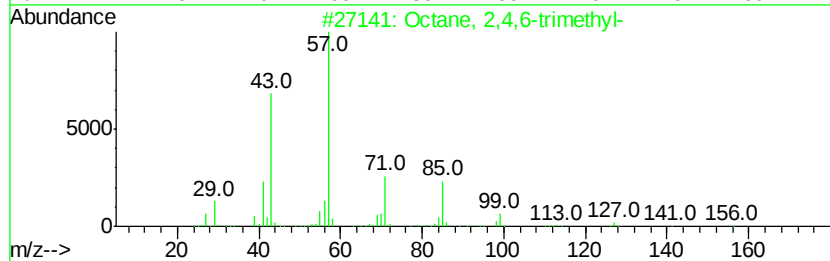
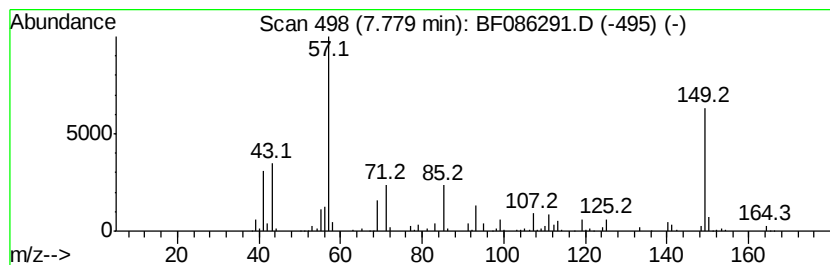
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	4.95 ng	1184430	Napthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
2			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	35
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
4			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	25
5			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
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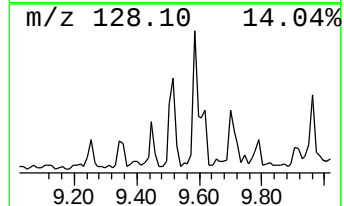
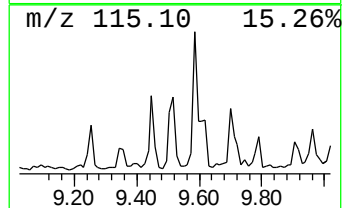
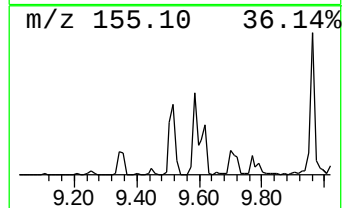
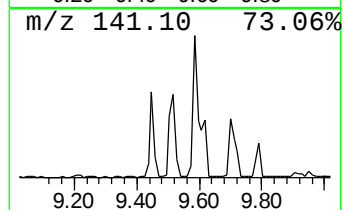
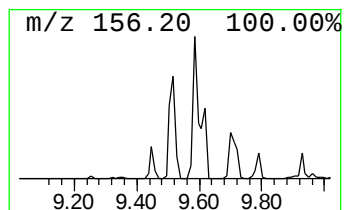
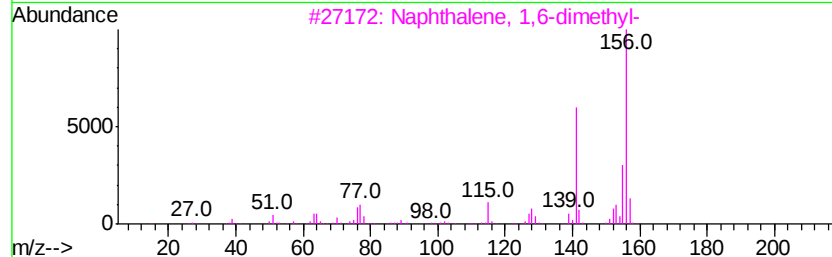
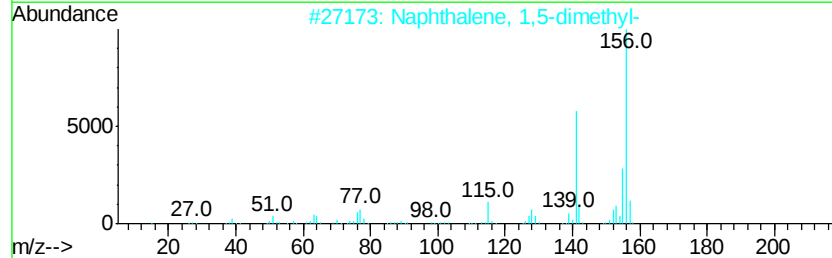
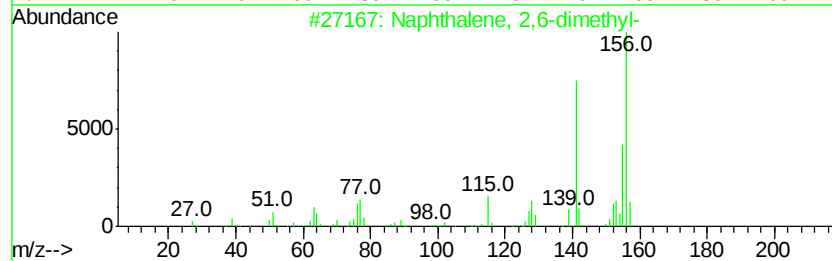
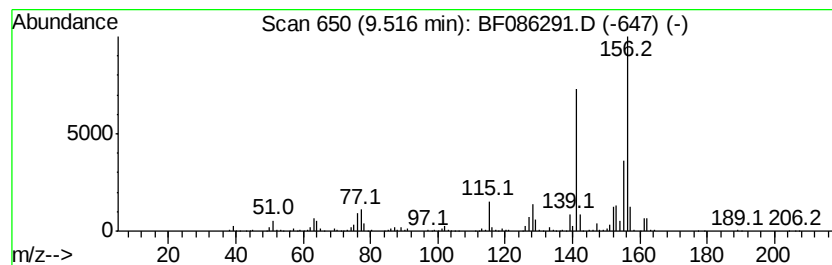
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.52	5.37 ng	772530	Acenaphthene-d10		9.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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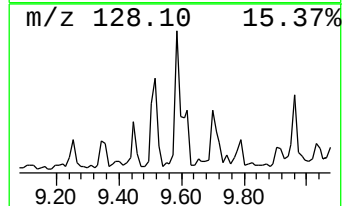
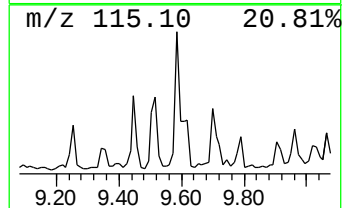
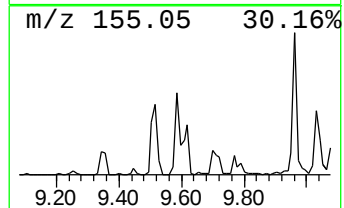
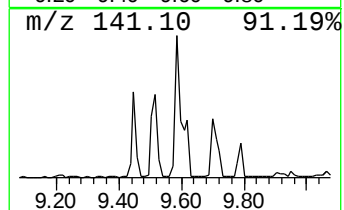
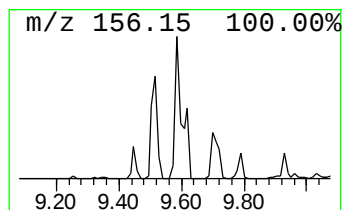
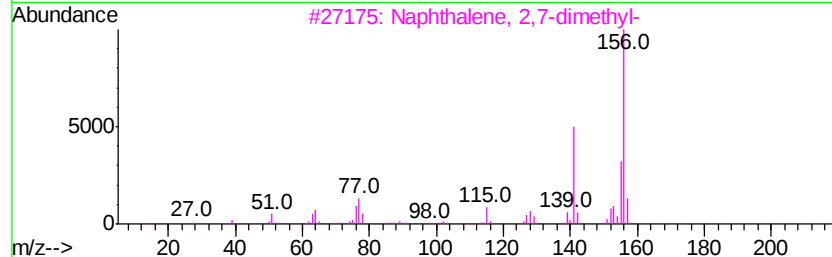
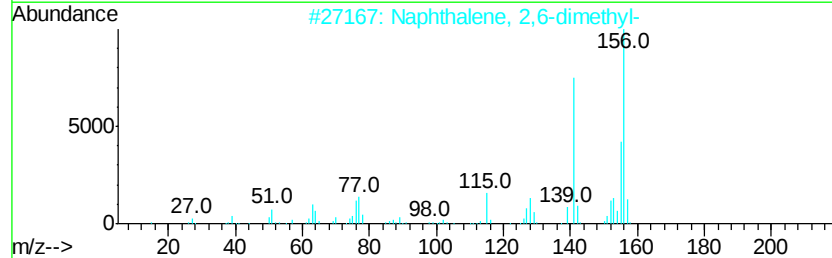
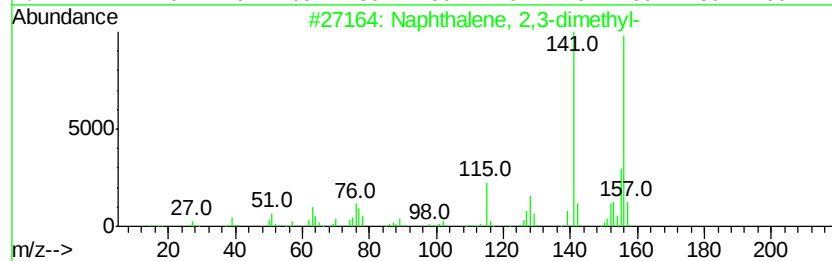
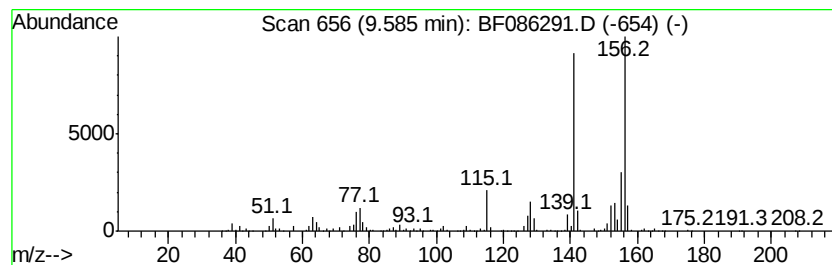
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	6.19 ng	890903	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
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Instrument :
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ClientSampleId :
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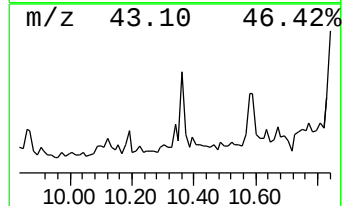
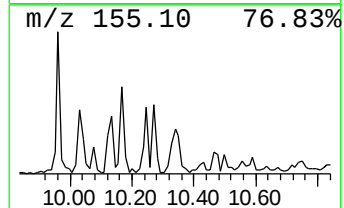
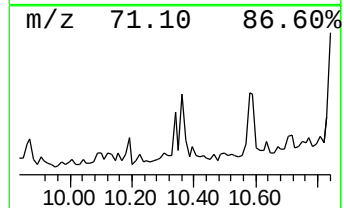
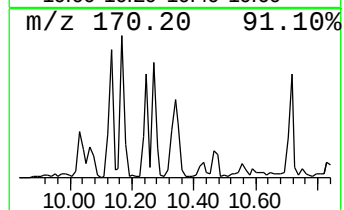
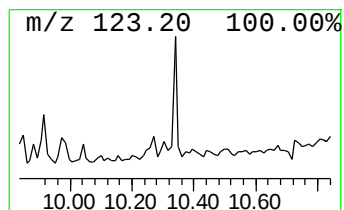
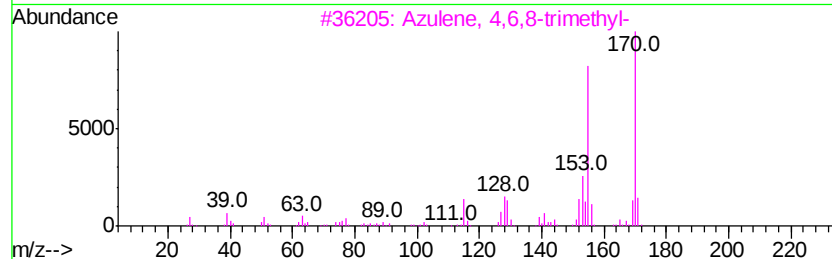
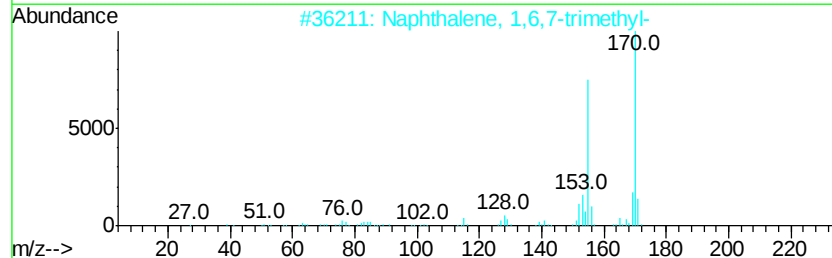
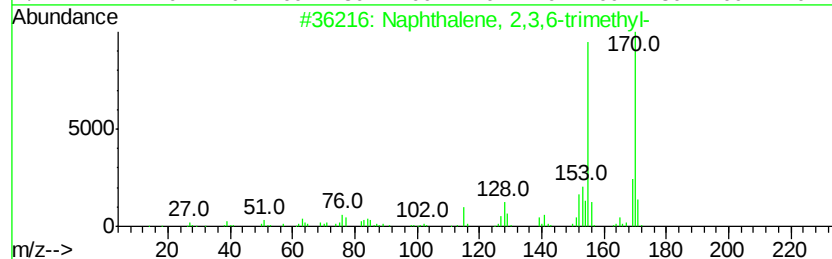
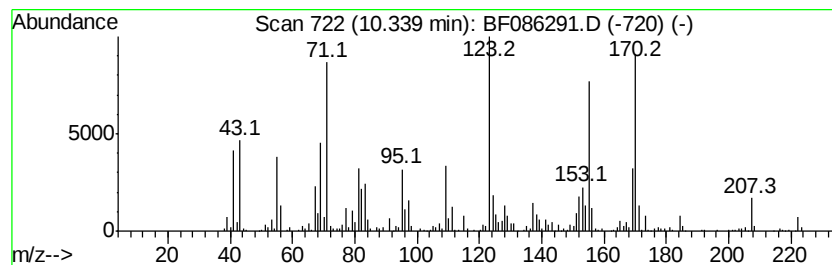
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	5.09 ng	733295	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	60
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 19:36
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Sample : H2413-10
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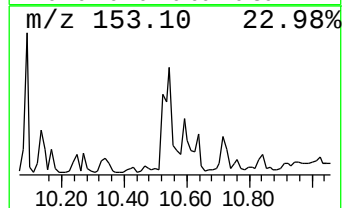
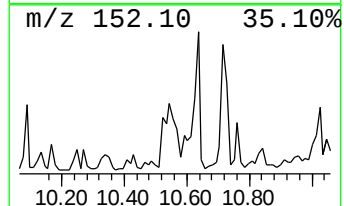
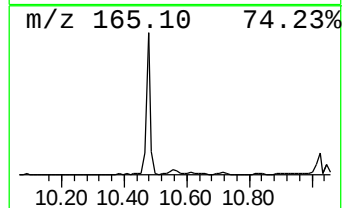
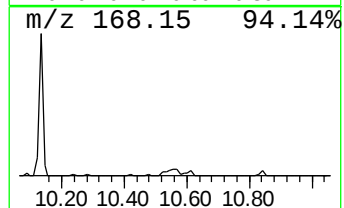
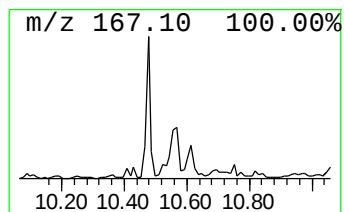
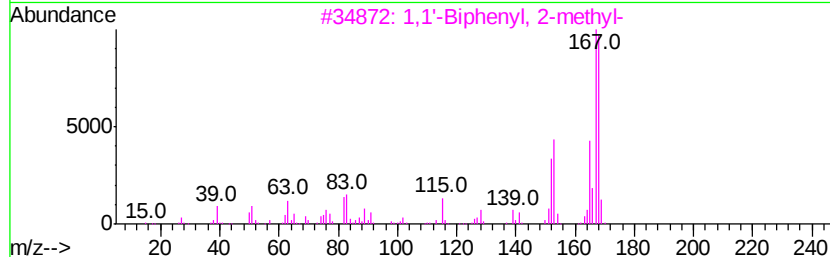
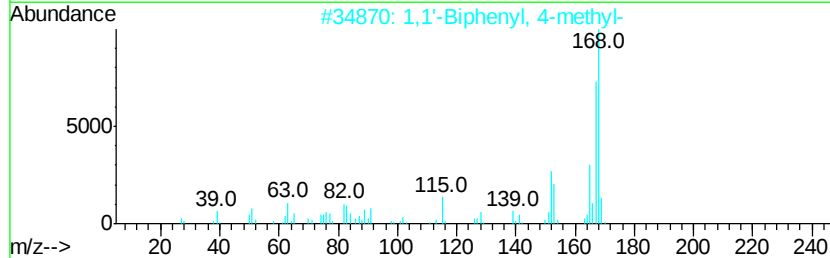
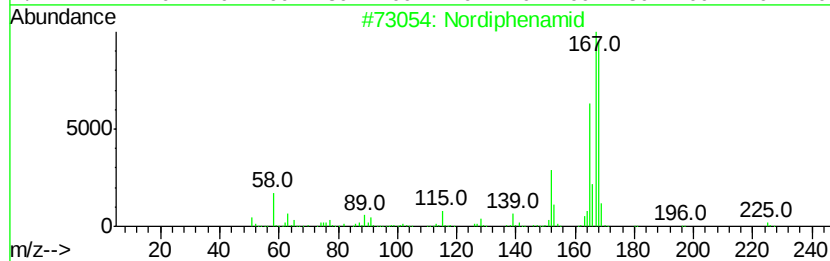
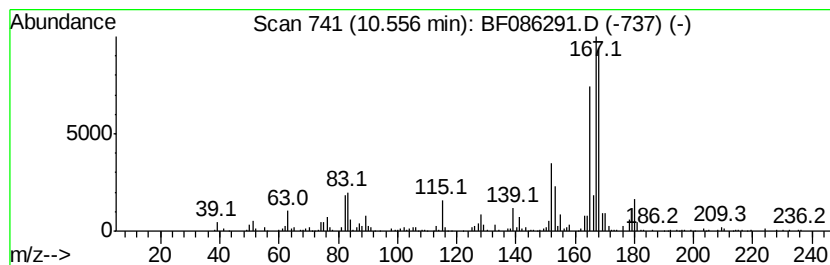
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nordiphenamid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	6.23 ng	896662	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	78
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	60
5	Diphenylmethane	168	C13H12	000101-81-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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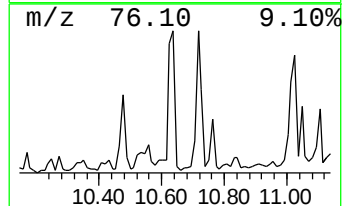
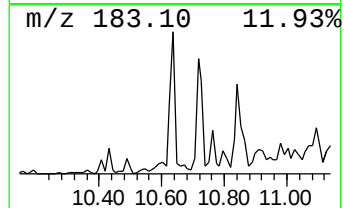
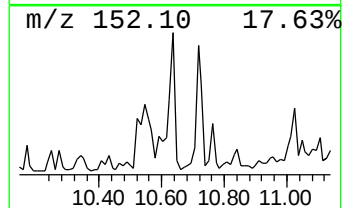
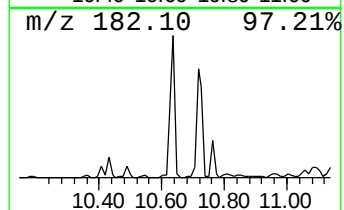
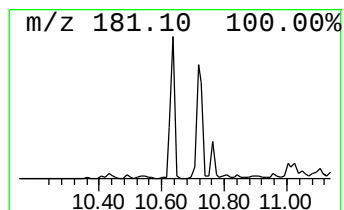
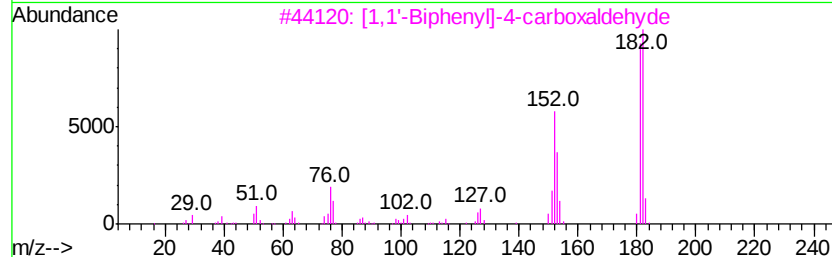
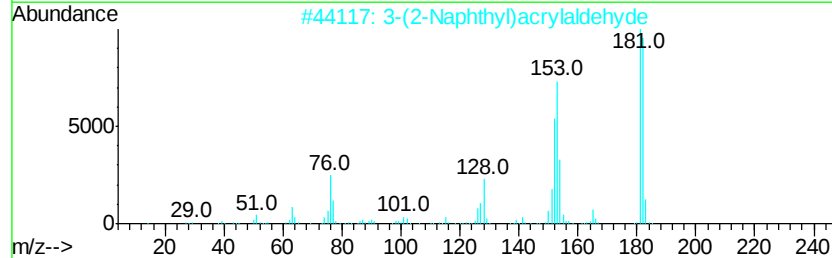
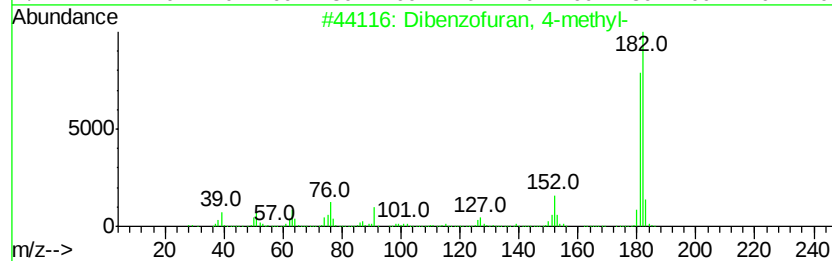
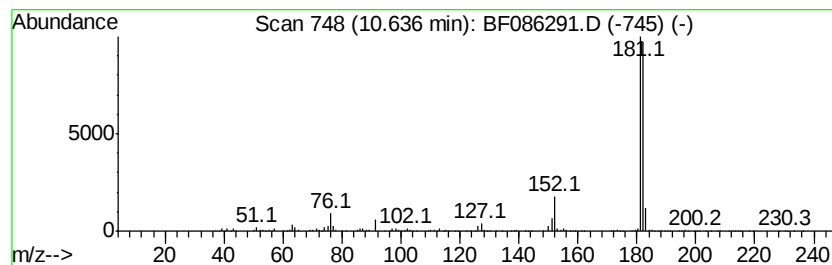
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.64	6.64 ng	955137	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B31-1(0-2)

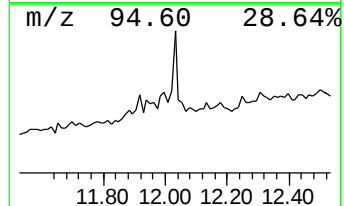
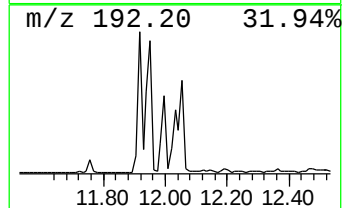
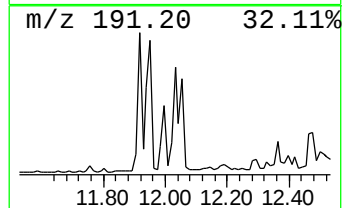
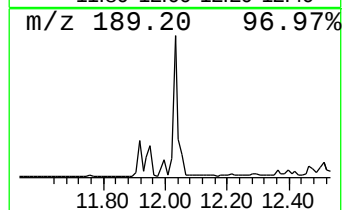
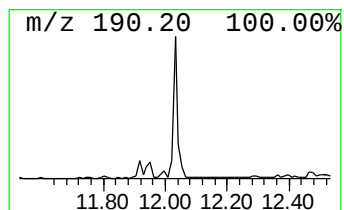
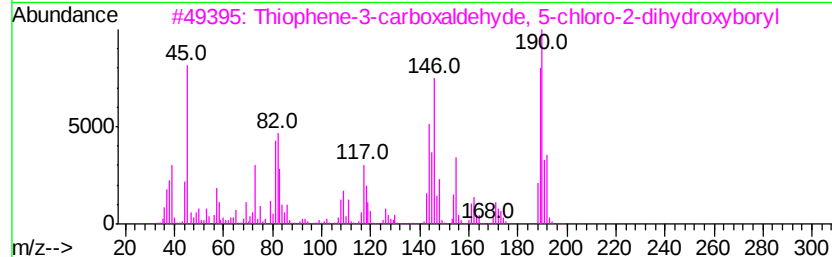
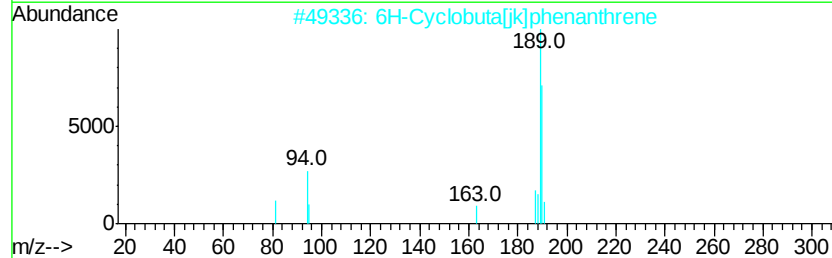
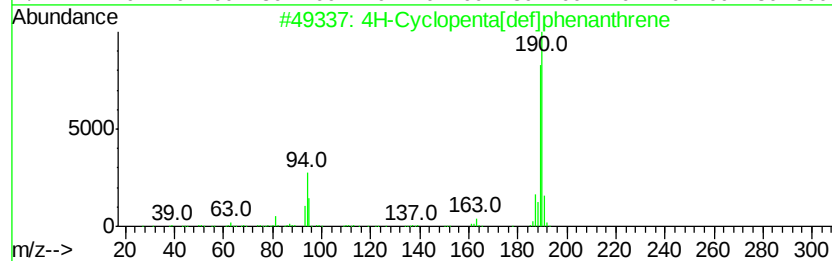
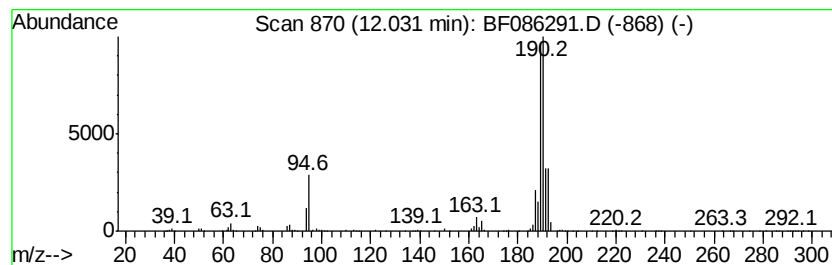
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.70 ng	3268810	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyd, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4		Methyl diselenide	190	C2H6Se2	007101-31-7	45
5		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086291.D
Acq On : 18 Apr 2016 19:36
Operator : UM/SJ
Sample : H2413-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B31-1(0-2)

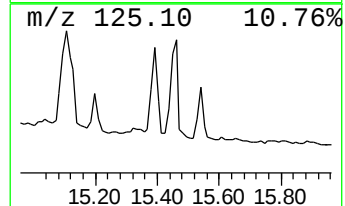
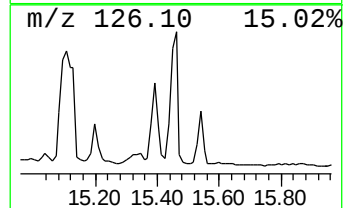
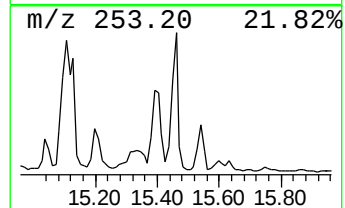
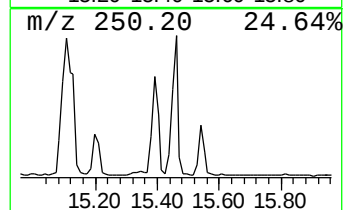
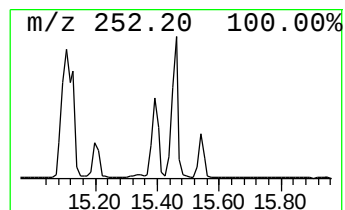
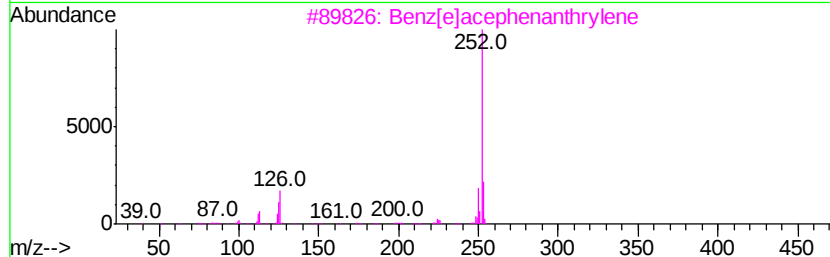
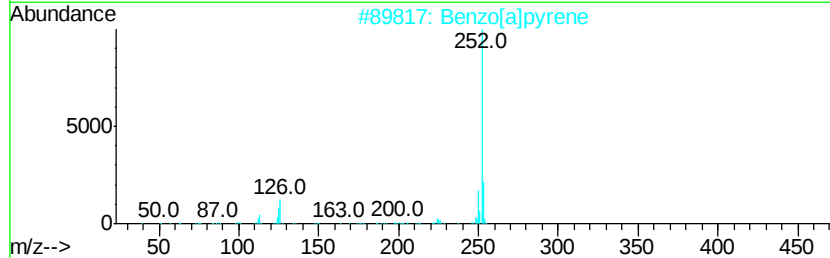
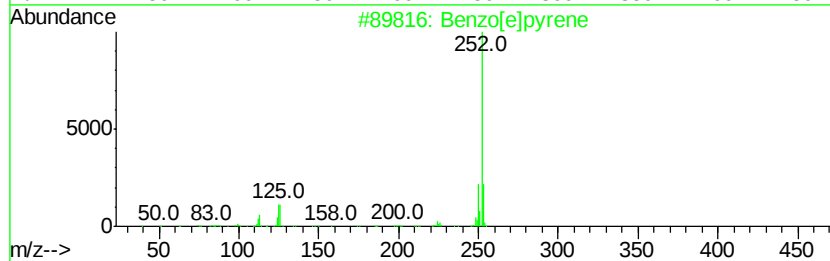
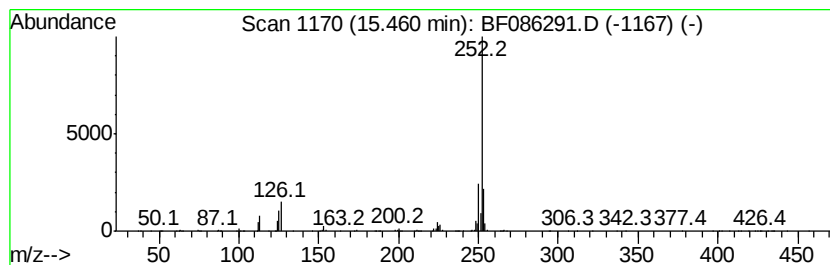
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	20.00 ng	2415490	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086291.D
 Acq On : 18 Apr 2016 19:36
 Operator : UM/SJ
 Sample : H2413-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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-Octene, 2,6-dim...	6.42	6.1 ng		1185720	1	6.89	3880840	20.0
Hexatriacontane	6.82	5.7 ng		1096600	1	6.89	3880840	20.0
unknown6.96	6.96	5.0 ng		968675	1	6.89	3880840	20.0
unknown6.99	6.99	5.4 ng		1048250	1	6.89	3880840	20.0
unknown7.13	7.13	5.8 ng		1121780	1	6.89	3880840	20.0
1-Ethyl-2,2,6-tri...	7.16	8.8 ng		1715140	1	6.89	3880840	20.0
Naphthalene, deca...	7.29	6.6 ng		1280470	1	6.89	3880840	20.0
2-Undecene, 4-met...	7.32	8.8 ng		1700130	1	6.89	3880840	20.0
unknown7.54	7.54	6.8 ng		1622020	2	8.18	4787770	20.0
Tetratetracontane	7.58	7.0 ng		1678190	2	8.18	4787770	20.0
unknown7.78	7.78	5.0 ng		1184430	2	8.18	4787770	20.0
Naphthalene, 2,6-...	9.52	5.4 ng		772530	3	9.93	2878560	20.0
Naphthalene, 2,3-...	9.58	6.2 ng		890903	3	9.93	2878560	20.0
Naphthalene, 2,3,...	10.34	5.1 ng		733295	3	9.93	2878560	20.0
Nordiphenamid	10.56	6.2 ng		896662	3	9.93	2878560	20.0
Dibenzofuran, 4-m...	10.64	6.6 ng		955137	3	9.93	2878560	20.0
4H-Cyclopenta[def...	12.03	5.7 ng		3268810	4	11.41	11471100	20.0
Benzo[e]pyrene	15.46	20.0 ng		2415490	6	15.52	2415490	20.0