

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079150.D
 Acq On : 12 May 2015 9:30
 Operator : TP/IZ
 Sample : G2176-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(3-5)

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-BF043015.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	1.427	19	21	24	rVB	1638332	1791048	15.55%	0.829%
2	1.575	31	34	37	rVB	395748	503972	4.38%	0.233%
3	1.747	47	49	57	rVB2	158078	269185	2.34%	0.125%
4	1.861	57	59	83	rVB	1561954	2660282	23.10%	1.231%
5	5.599	383	386	389	rBV	711280	731779	6.36%	0.339%
6	6.867	494	497	499	rBV	850903	929721	8.07%	0.430%
7	6.982	504	507	508	rBV	134390	170789	1.48%	0.079%
8	7.016	508	510	512	rVV	820266	1002028	8.70%	0.464%
9	7.107	516	518	521	rBV2	189136	277536	2.41%	0.128%
10	7.233	525	529	531	rVV3	165692	431484	3.75%	0.200%
11	7.267	531	532	533	rVV	195634	245762	2.13%	0.114%
12	7.290	533	534	536	rVV2	555214	785714	6.82%	0.364%
13	7.324	536	537	539	rVV	1013649	1349235	11.72%	0.624%
14	7.382	539	542	544	rVV4	444084	1039859	9.03%	0.481%
15	7.416	544	545	547	rVV2	253248	383155	3.33%	0.177%
16	7.462	547	549	550	rVV	759981	1344538	11.68%	0.622%
17	7.485	550	551	553	rVV2	2049522	2281344	19.81%	1.055%
18	7.530	553	555	556	rVV	556688	776694	6.75%	0.359%
19	7.576	556	559	560	rVV3	480389	1000016	8.68%	0.463%
20	7.622	560	563	564	rVV2	633524	1568326	13.62%	0.726%
21	7.656	564	566	568	rVV	1878121	2807364	24.38%	1.299%
22	7.690	568	569	571	rVV	1572828	2013636	17.49%	0.932%
23	7.736	571	573	575	rVV	3418695	4115219	35.74%	1.904%
24	7.782	575	577	582	rVV2	3157546	7106280	61.71%	3.288%
25	7.850	582	583	584	rVV	789568	918557	7.98%	0.425%
26	7.896	585	587	589	rVV2	891462	1737898	15.09%	0.804%
27	7.976	589	594	597	rVV2	2207210	6355576	55.19%	2.940%
28	8.022	597	598	600	rVV	2113082	2873664	24.96%	1.329%
29	8.056	600	601	604	rVV2	3416567	6139140	53.32%	2.840%
30	8.113	604	606	608	rVV	1949165	3643674	31.64%	1.686%
31	8.159	608	610	611	rVV	1508436	2529940	21.97%	1.170%
32	8.193	611	613	616	rVV2	2822926	6221453	54.03%	2.878%
33	8.250	616	618	620	rVV2	2347154	4314806	37.47%	1.996%
34	8.296	620	622	625	rVV	6282675	9695699	84.20%	4.486%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.353	625	627	630	rVV2	1720375	4791496	41.61%	2.217%
36	8.433	630	634	636	rVV3	4898477	11514782	100.00%	5.327%
37	8.525	638	642	644	rVV2	4866116	10978168	95.34%	5.079%
38	8.559	644	645	647	rVV	4003967	4918375	42.71%	2.275%
39	8.605	647	649	652	rVV	5895177	9704735	84.28%	4.490%
40	8.662	652	654	658	rVV	4607319	9490382	82.42%	4.391%
41	8.719	658	659	661	rVV2	2067671	3179591	27.61%	1.471%
42	8.765	661	663	665	rVV	2903067	5377833	46.70%	2.488%
43	8.845	667	670	671	rVV2	2313244	5730214	49.76%	2.651%
44	8.890	671	674	675	rVV3	4793663	8178521	71.03%	3.784%
45	8.948	675	679	681	rVV3	2183042	6641368	57.68%	3.073%
46	8.993	681	683	684	rVV	5070160	6938839	60.26%	3.210%
47	9.016	684	685	687	rVV	1930721	3025455	26.27%	1.400%
48	9.050	687	688	691	rVV2	1523919	2256831	19.60%	1.044%
49	9.096	691	692	694	rVV	1175693	1768574	15.36%	0.818%
50	9.165	696	698	699	rVV2	880809	1513179	13.14%	0.700%
51	9.256	702	706	707	rVV3	1463965	2872181	24.94%	1.329%
52	9.279	707	708	711	rVV2	988325	1968483	17.10%	0.911%
53	9.336	711	713	715	rVV	773296	1205295	10.47%	0.558%
54	9.370	715	716	719	rVV	858269	1219465	10.59%	0.564%
55	9.428	719	721	726	rVB	1718375	2170055	18.85%	1.004%
56	9.759	747	750	752	rVV3	150123	320644	2.78%	0.148%
57	9.839	755	757	759	rVV	136143	174045	1.51%	0.081%
58	10.216	788	790	793	rVB	1112755	1307708	11.36%	0.605%
59	11.051	861	863	865	rBV	525358	495347	4.30%	0.229%
60	11.085	865	866	869	rVB	120863	164171	1.43%	0.076%
61	12.034	946	949	952	rBV	1109810	1101399	9.57%	0.510%
62	12.902	1022	1025	1026	rBV	446857	621843	5.40%	0.288%
63	12.925	1026	1027	1029	rVV	1457920	1403668	12.19%	0.649%
64	12.994	1029	1033	1035	rVB	361350	394640	3.43%	0.183%
65	13.199	1049	1051	1052	rBV	161064	162878	1.41%	0.075%
66	13.531	1076	1080	1081	rBV	137478	173824	1.51%	0.080%
67	13.565	1081	1083	1085	rVB	199891	235314	2.04%	0.109%
68	13.657	1089	1091	1093	rBV	191216	263938	2.29%	0.122%
69	13.919	1111	1114	1117	rVB2	113339	275675	2.39%	0.128%
70	14.308	1147	1148	1154	rVB2	113365	176025	1.53%	0.081%
71	14.411	1154	1157	1159	rBV	2041707	2087782	18.13%	0.966%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.685	1178	1181	1184	rBV2	1301007	1914126	16.62%	0.886%
73	14.891	1197	1199	1202	rVB	1579536	1956033	16.99%	0.905%
74	14.971	1202	1206	1208	rBV2	89619	185901	1.61%	0.086%
75	15.074	1211	1215	1216	rBV3	102810	168726	1.47%	0.078%
76	15.108	1216	1218	1220	rVB	150724	180275	1.57%	0.083%
77	15.234	1227	1229	1231	rBV	195033	228971	1.99%	0.106%
78	15.622	1258	1263	1270	rVV6	46743	208448	1.81%	0.096%
79	15.737	1270	1273	1276	rVB	231430	262476	2.28%	0.121%
80	15.874	1282	1285	1287	rBV	211123	295467	2.57%	0.137%
81	15.920	1287	1289	1292	rVV2	168178	356357	3.09%	0.165%
82	16.000	1295	1296	1299	rVV	215550	257074	2.23%	0.119%
83	16.068	1299	1302	1305	rVV2	179977	314508	2.73%	0.146%
84	16.194	1306	1313	1315	rVV2	1241476	2990206	25.97%	1.383%
85	16.228	1315	1316	1322	rVV	954468	1592511	13.83%	0.737%
86	16.537	1338	1343	1348	rBV2	220356	937469	8.14%	0.434%
87	16.617	1348	1350	1355	rVB4	124124	318655	2.77%	0.147%
88	16.708	1355	1358	1359	rBV	166781	262042	2.28%	0.121%
89	16.743	1359	1361	1365	rVV	95094	202209	1.76%	0.094%
90	17.097	1389	1392	1395	rBV	153561	313810	2.73%	0.145%
91	17.508	1425	1428	1434	rBV	723366	1836167	15.95%	0.849%
92	17.634	1434	1439	1441	rVB2	159523	255133	2.22%	0.118%
93	17.840	1451	1457	1460	rBV3	659457	1426359	12.39%	0.660%
94	17.908	1460	1463	1466	rVV	705121	1445736	12.56%	0.669%
95	17.966	1466	1468	1477	rVB2	623228	1256682	10.91%	0.581%
96	18.160	1480	1485	1487	rBV2	119539	382211	3.32%	0.177%
97	19.280	1580	1583	1591	rVB2	96814	260160	2.26%	0.120%
98	19.451	1594	1598	1603	rVB2	301639	737483	6.40%	0.341%
99	19.634	1611	1614	1616	rBV	81963	168528	1.46%	0.078%
100	19.886	1632	1636	1646	rVB	264295	618967	5.38%	0.286%

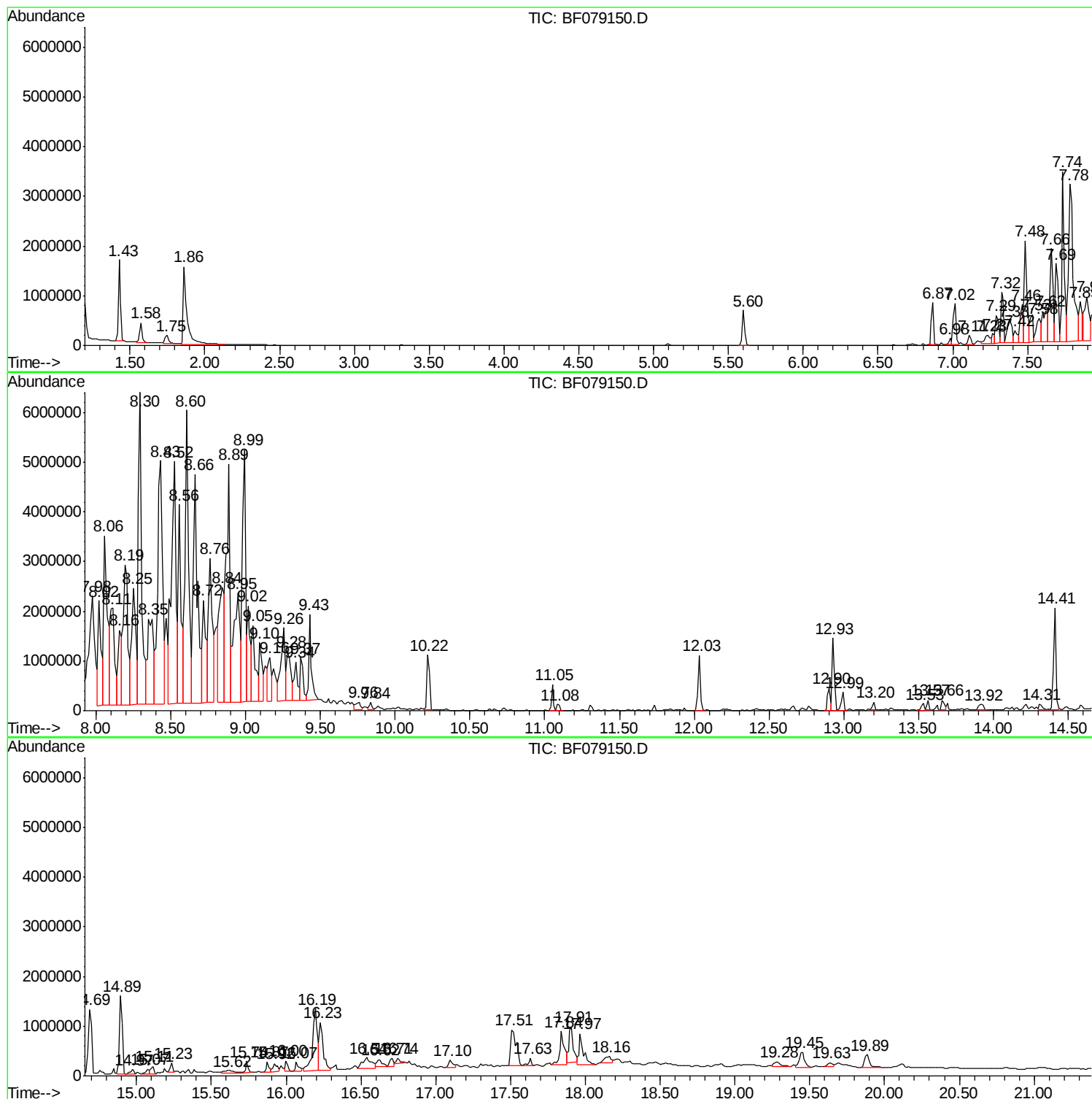
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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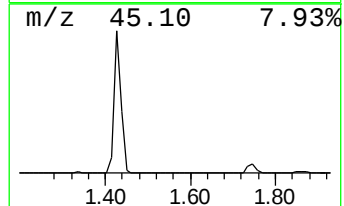
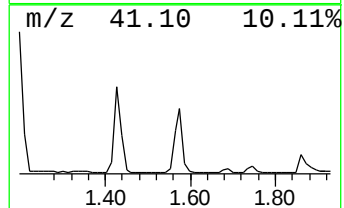
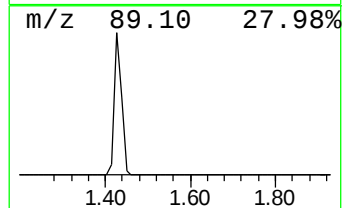
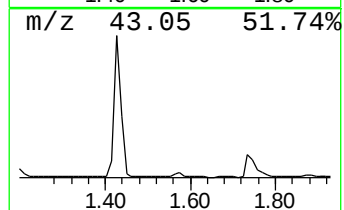
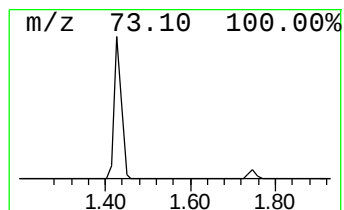
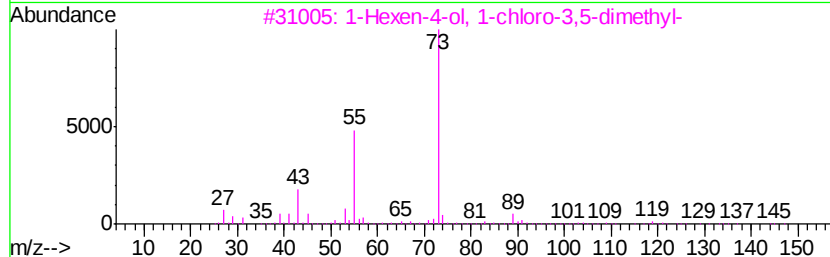
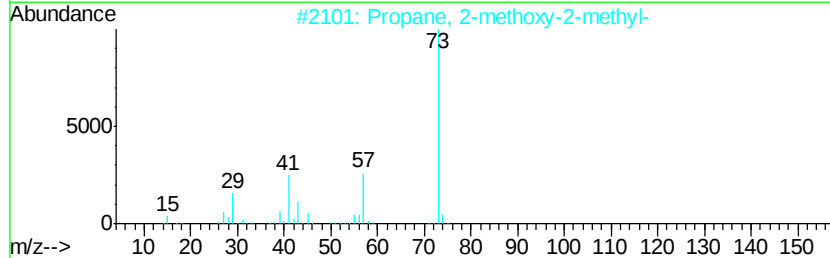
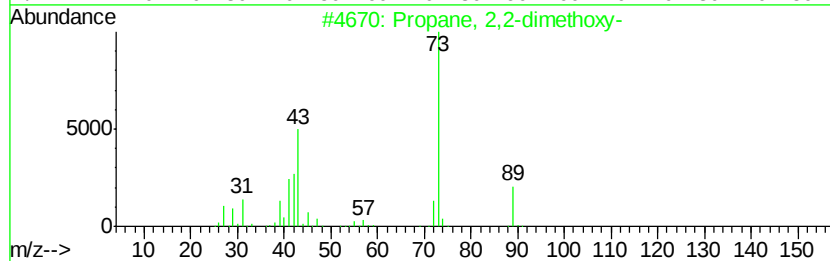
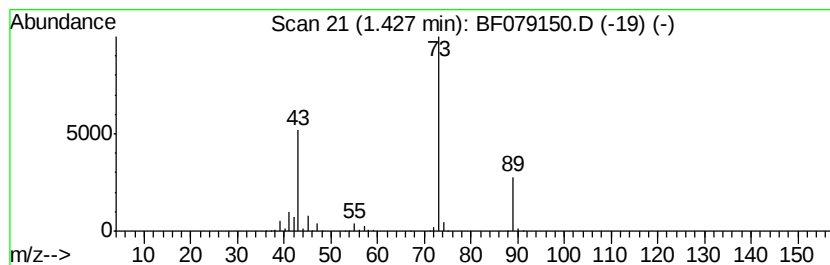
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	45.59 ng	1791050	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3			1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5			Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9



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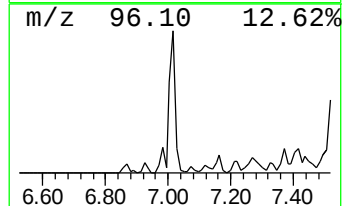
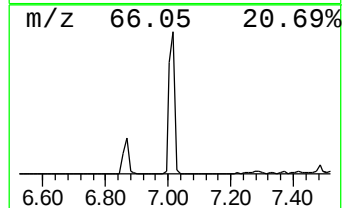
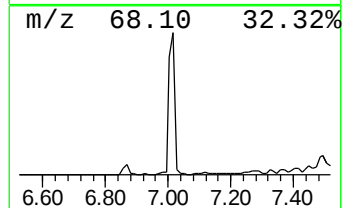
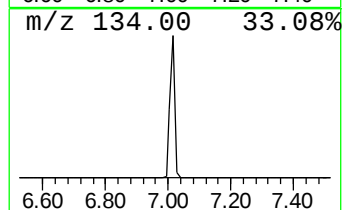
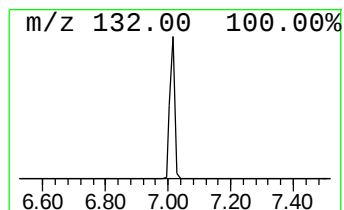
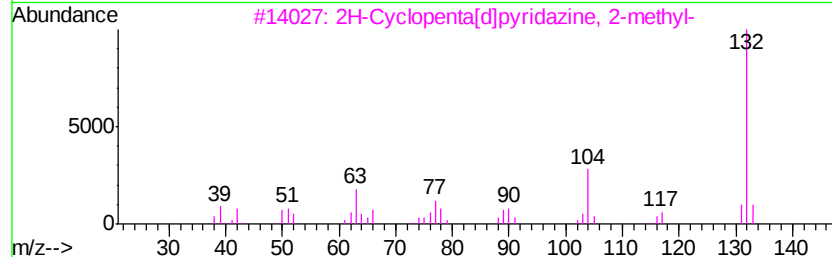
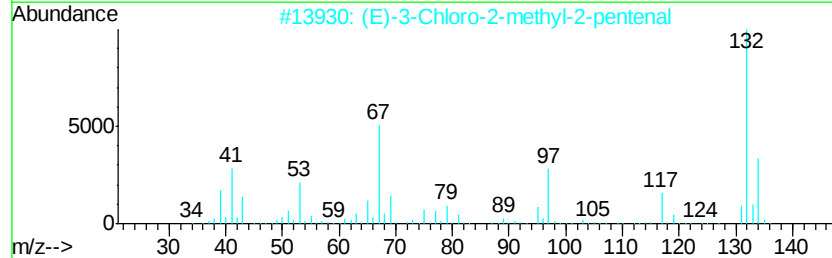
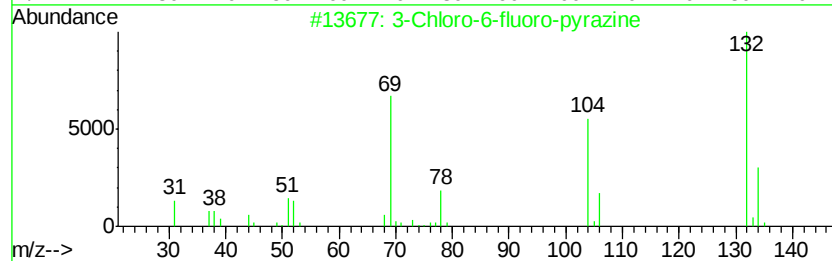
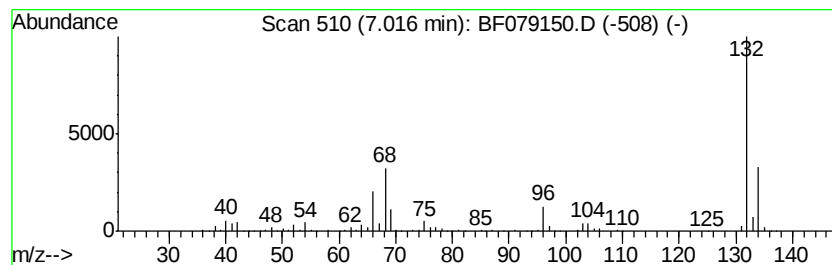
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	25.51 ng	1002030	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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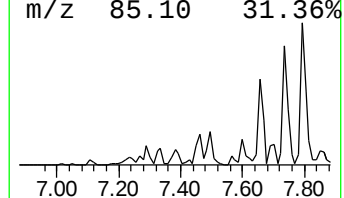
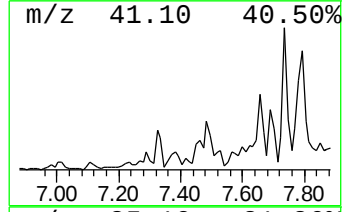
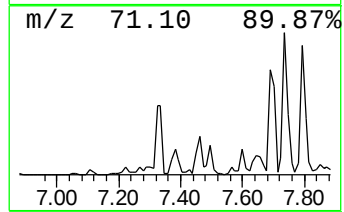
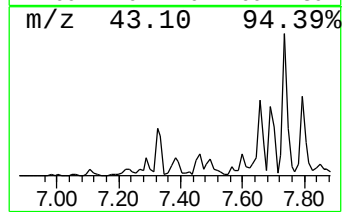
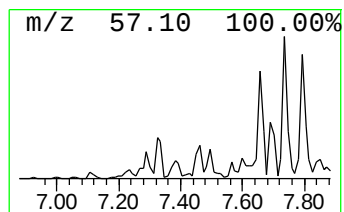
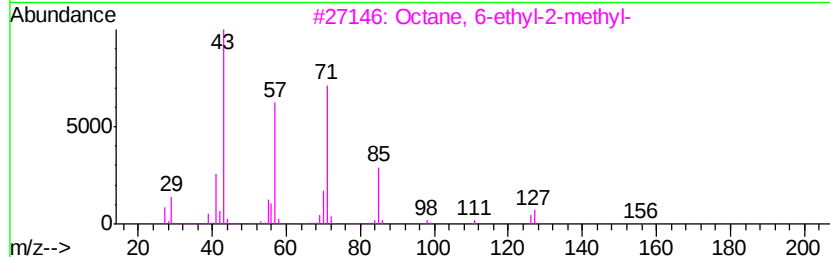
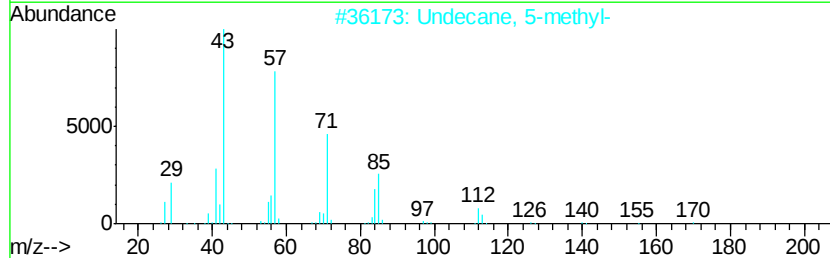
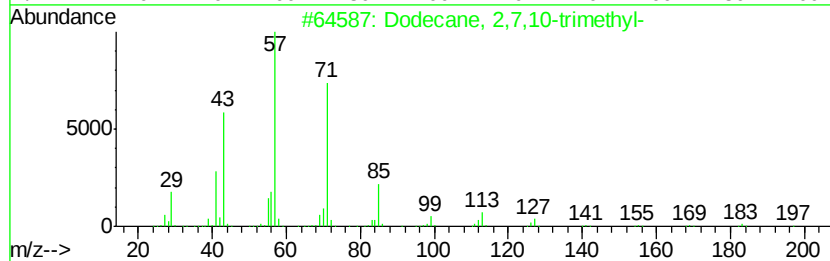
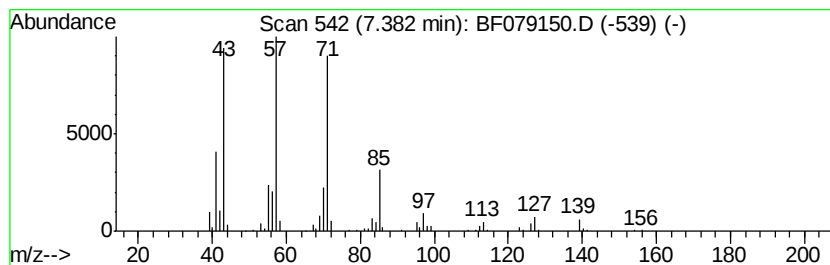
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	26.47 ng	1039860	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
4		Decane, 5-propyl-	184	C13H28	017312-62-8	59
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
Operator : TP/IZ
Sample : G2176-14
Misc :
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Instrument :
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ClientSampleId :
PS-12A(3-5)

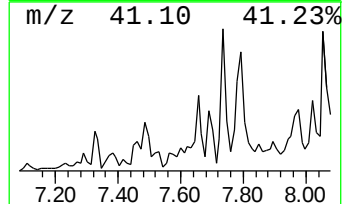
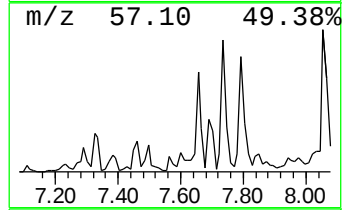
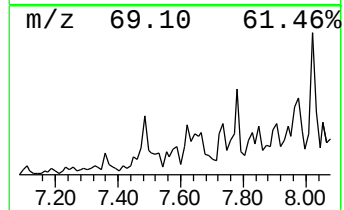
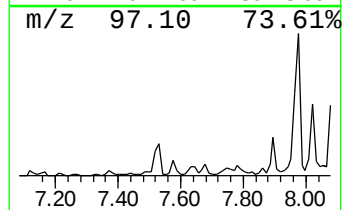
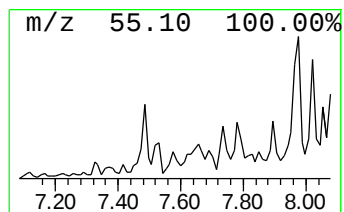
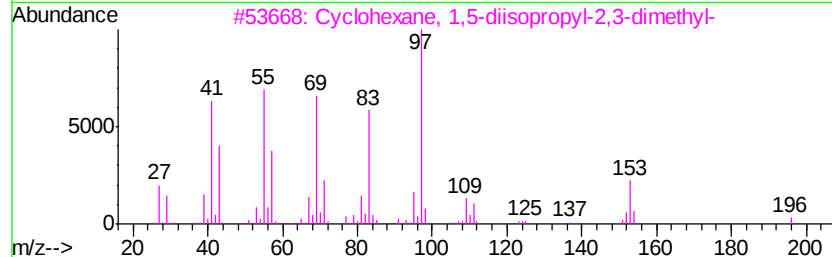
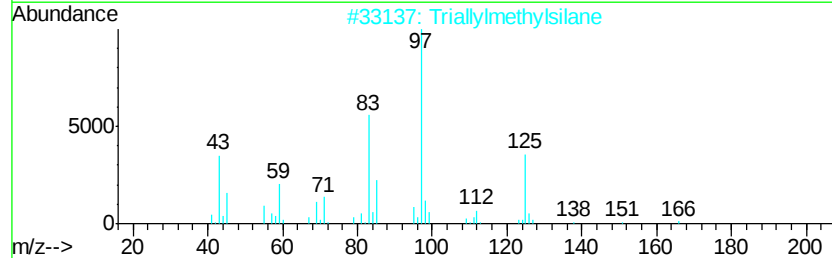
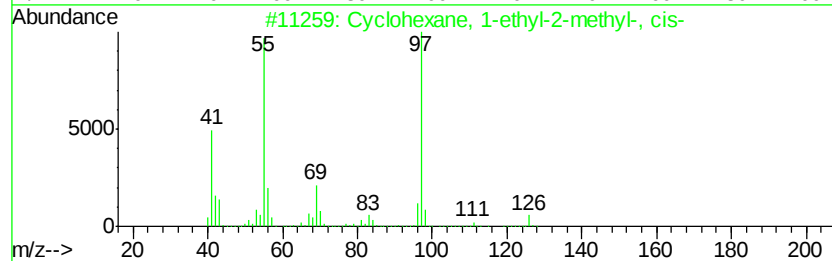
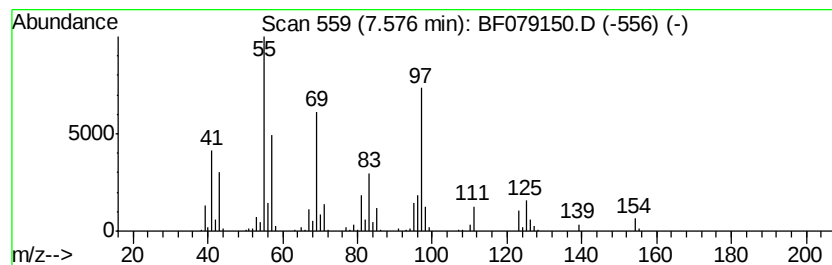
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	25.46 ng	1000020	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
2		Triallylmethylsilane	166	C10H18Si	001112-91-0	53
3		Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	50
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
5		4,4-Dimethyl-oct-5-enal	154	C10H18O	1000143-73-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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Sample : G2176-14
Misc :
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ClientSampleId :
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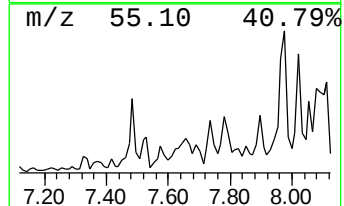
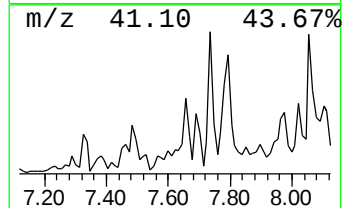
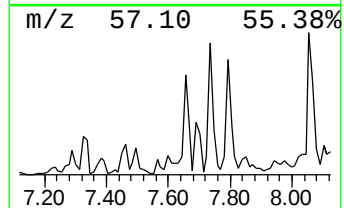
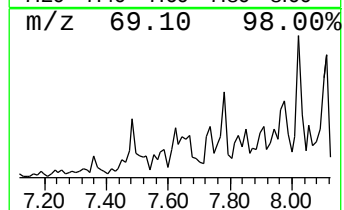
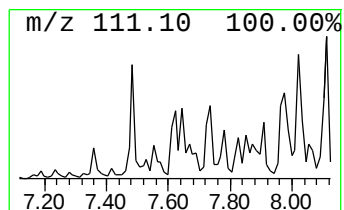
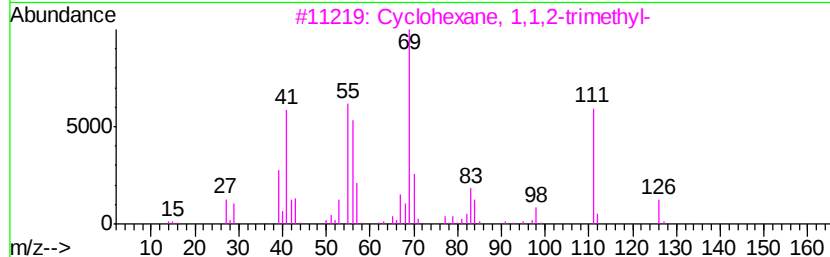
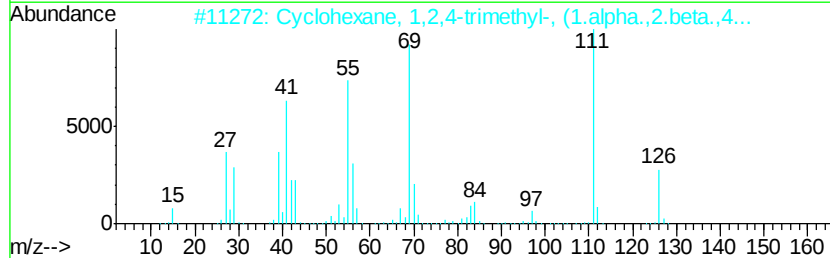
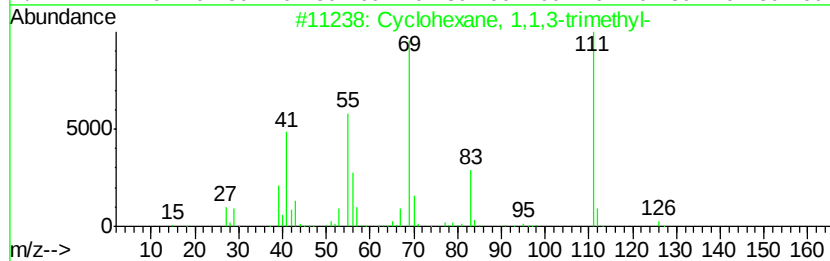
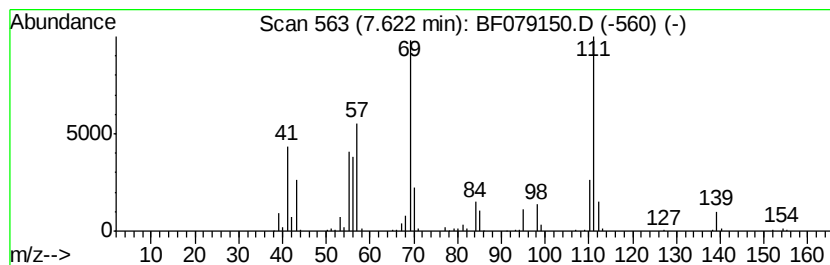
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	39.92 ng	1568330	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	50
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
4		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	47
5		3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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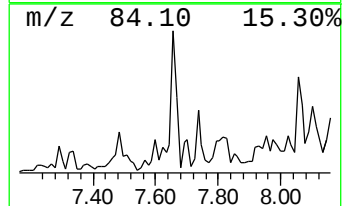
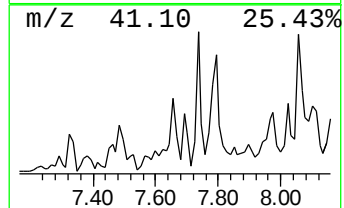
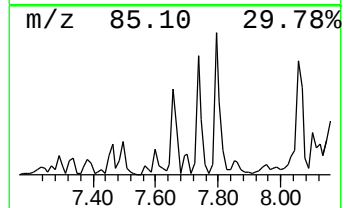
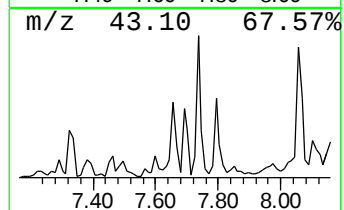
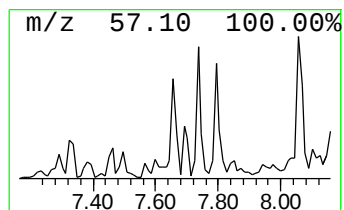
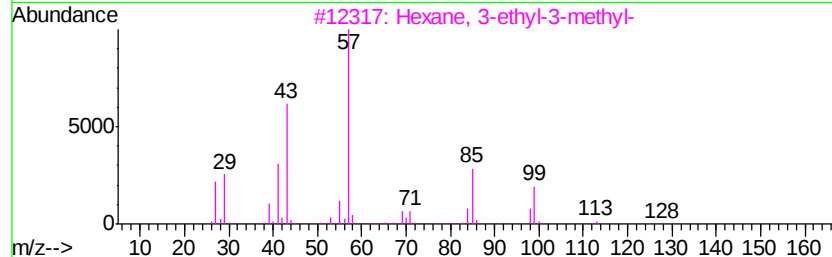
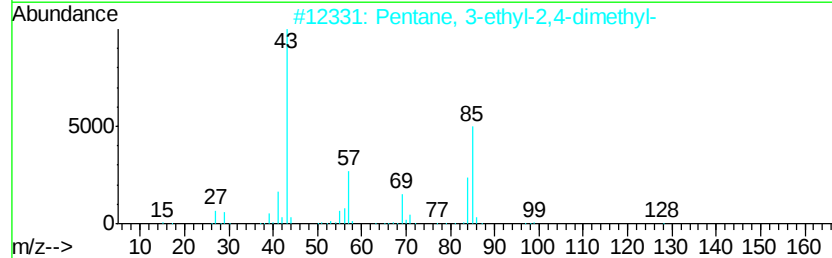
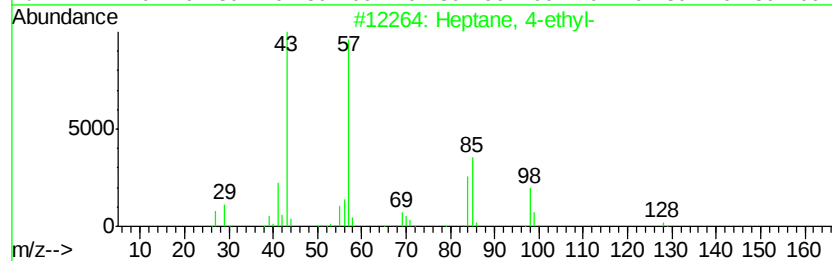
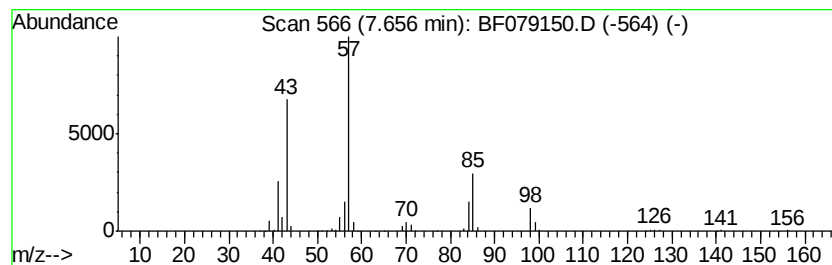
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptane, 4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	71.46 ng	2807360	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
2		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	53
3		Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	50
4		Decane, 5-methyl-	156	C11H24	013151-35-4	50
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
Operator : TP/IZ
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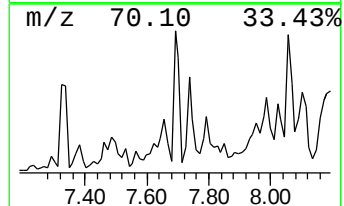
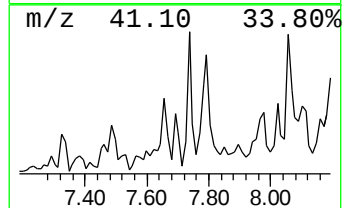
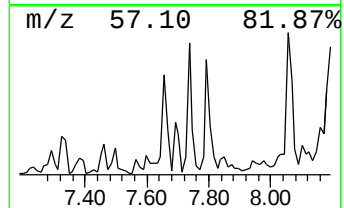
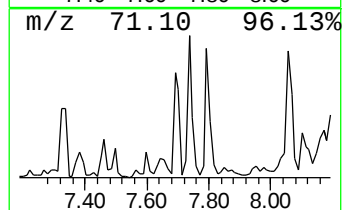
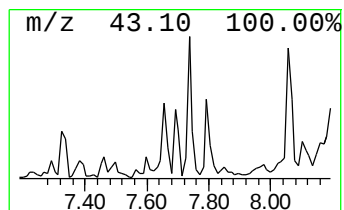
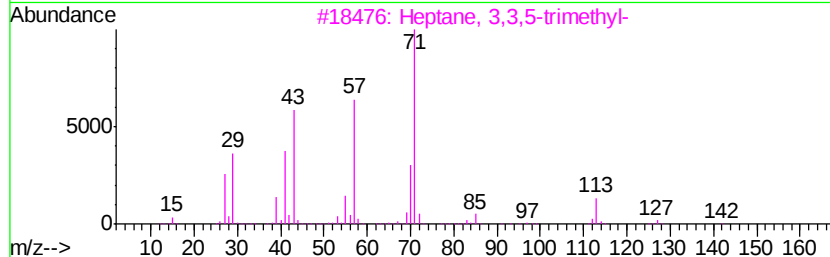
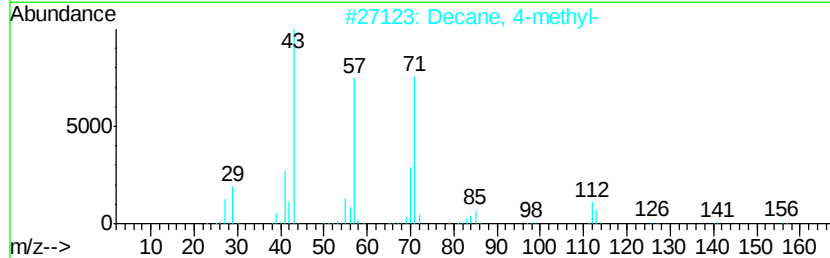
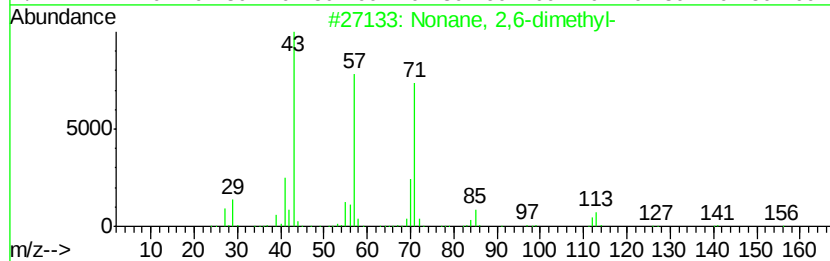
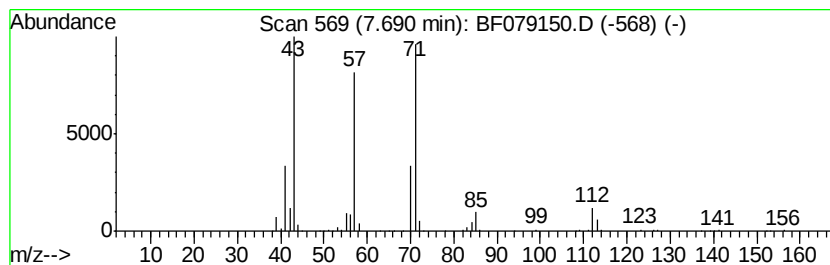
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	51.26 ng	2013640	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2		Decane, 4-methyl-	156	C11H24	002847-72-5	83
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	72
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
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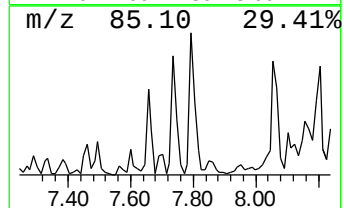
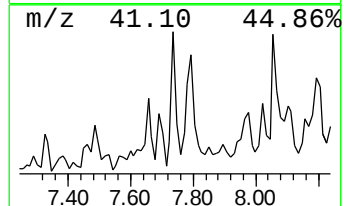
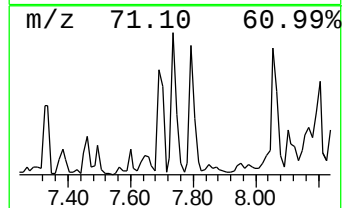
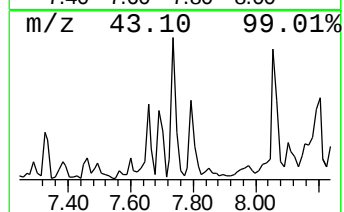
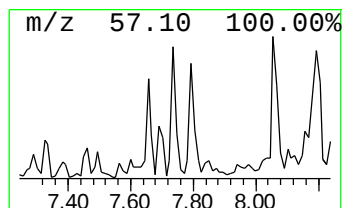
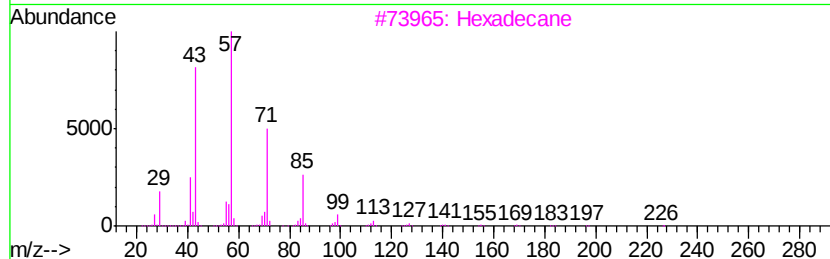
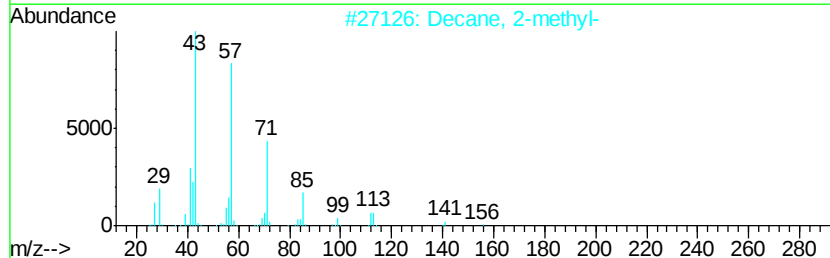
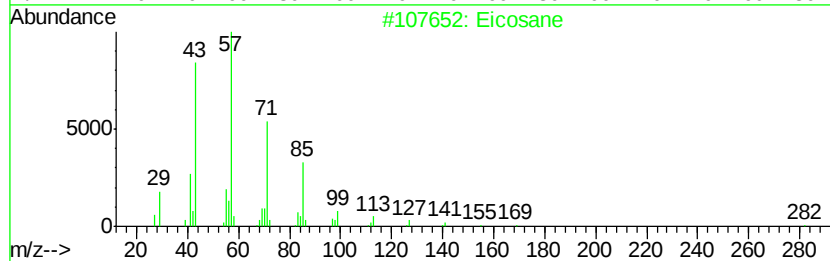
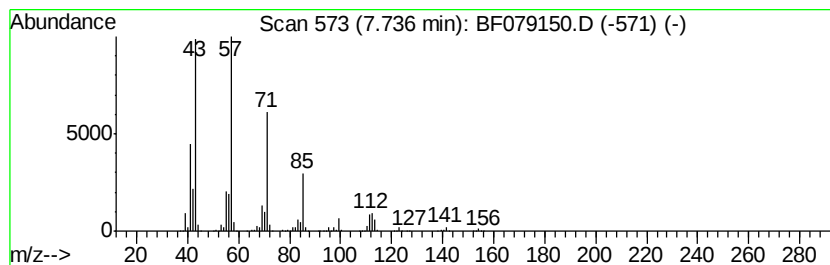
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	104.75 ng	4115220	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	72
2		Decane, 2-methyl-	156	C11H24	006975-98-0	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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PS-12A(3-5)

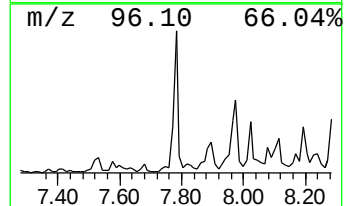
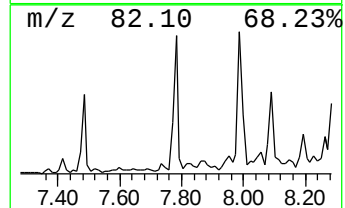
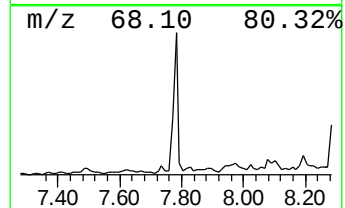
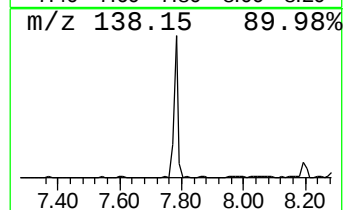
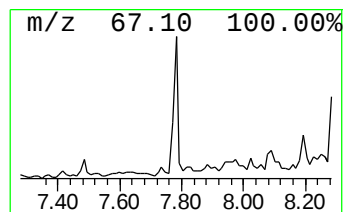
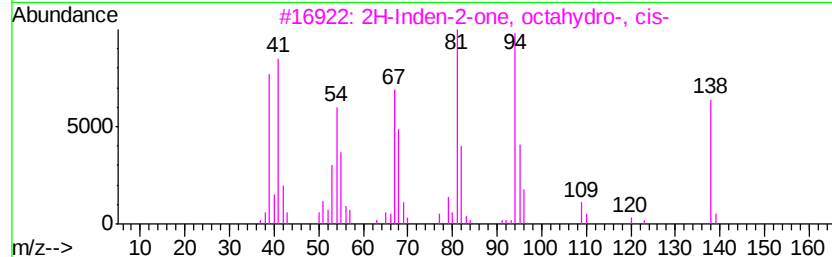
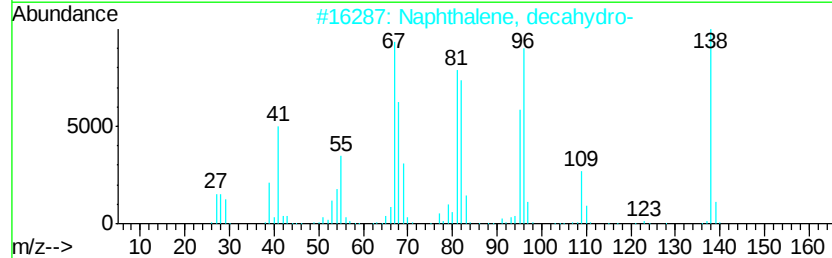
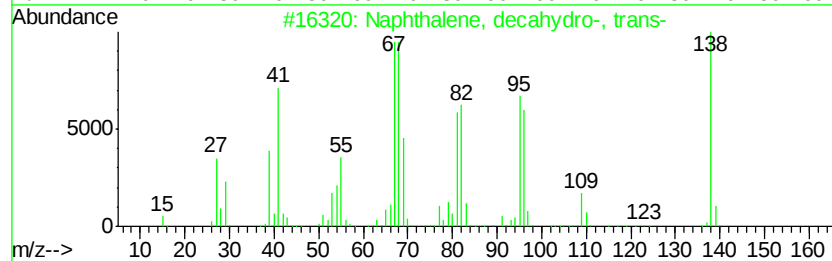
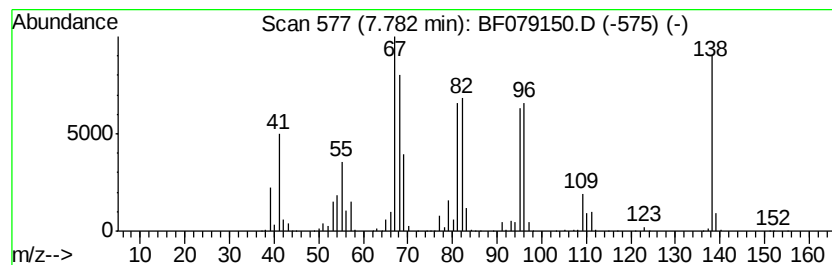
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	180.89 ng	7106280	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5		Spiro[4.5]decane	138	C10H18	000176-63-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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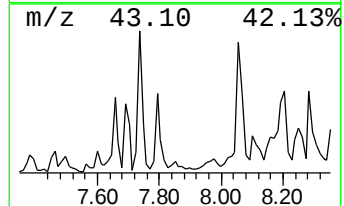
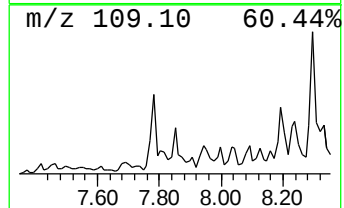
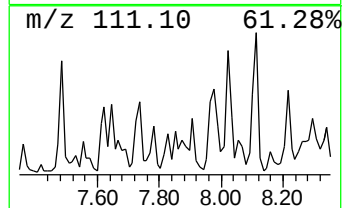
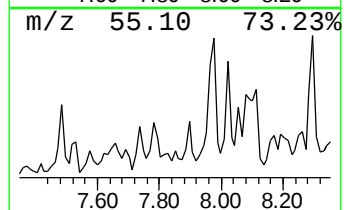
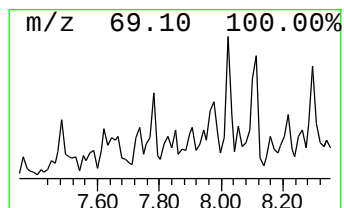
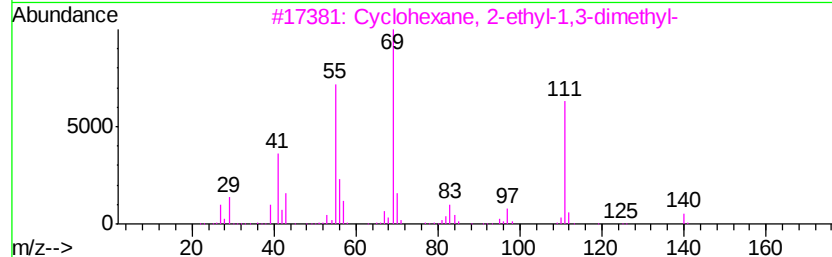
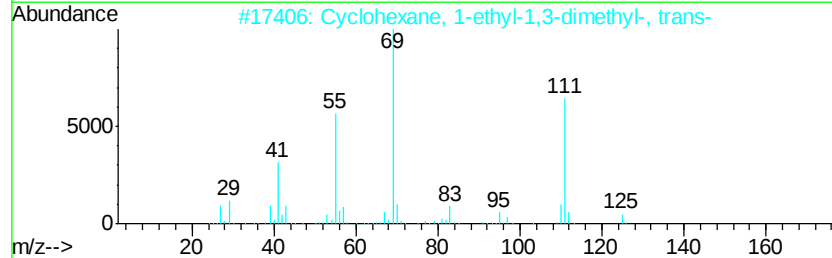
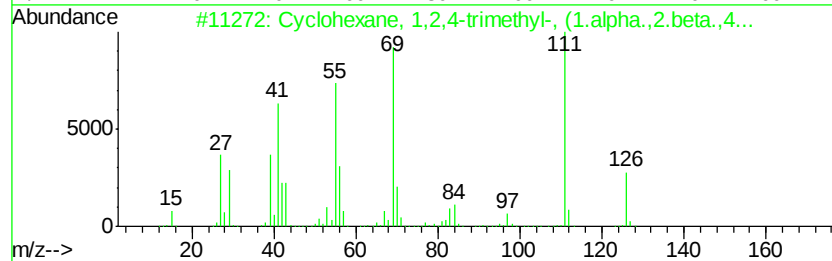
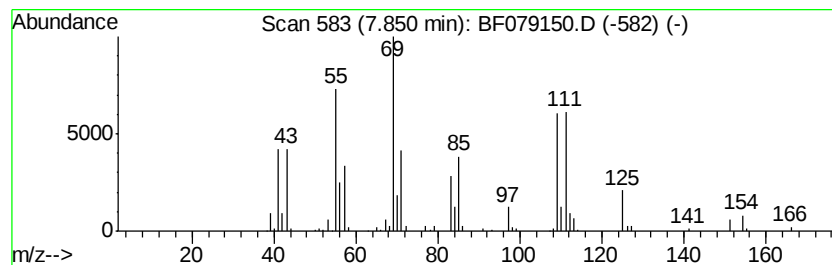
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	23.38 ng	918557	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	38
2		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	38
3		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	38
4		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	35
5		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
Operator : TP/IZ
Sample : G2176-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(3-5)

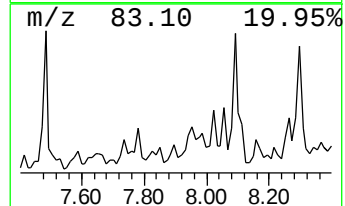
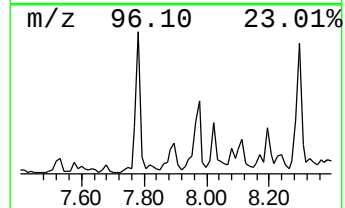
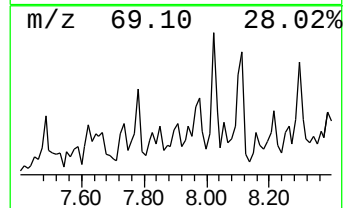
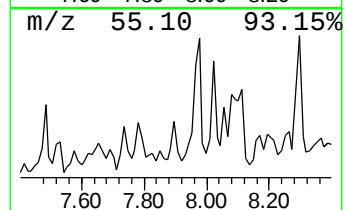
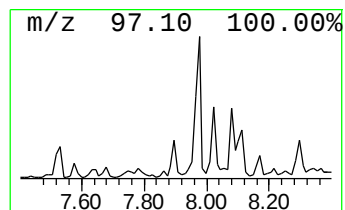
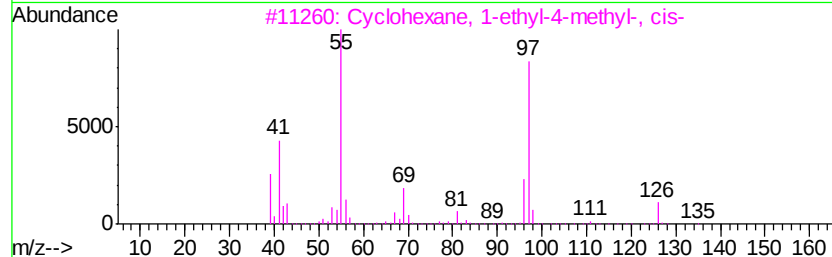
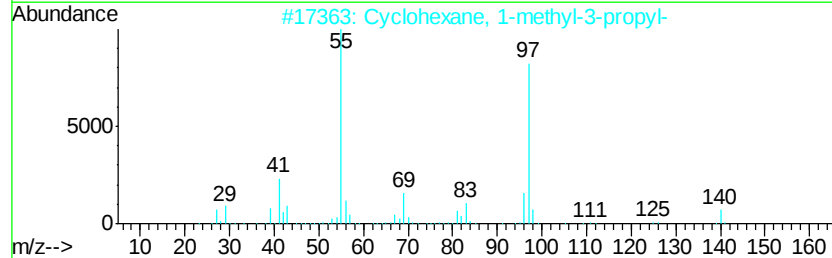
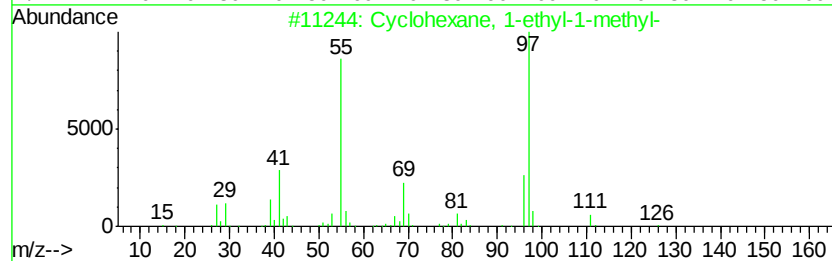
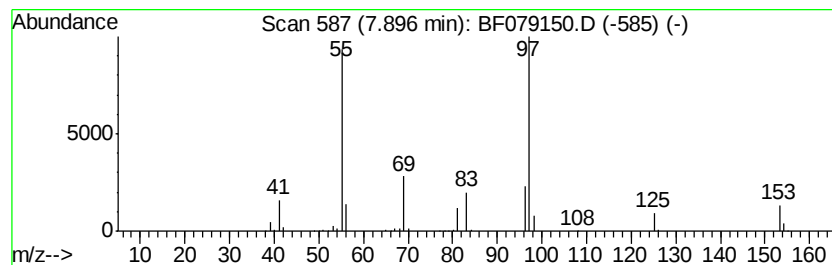
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	44.24 ng	1737900	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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ClientSampleId :
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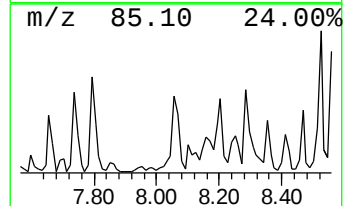
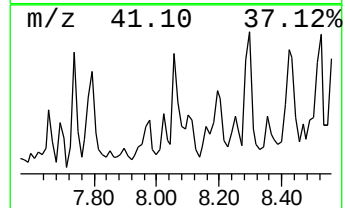
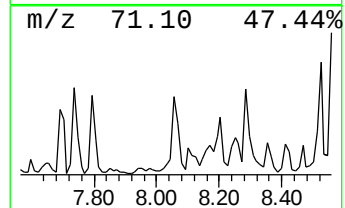
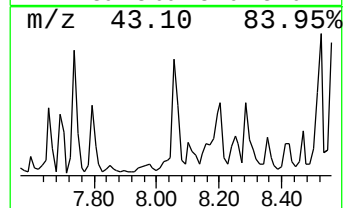
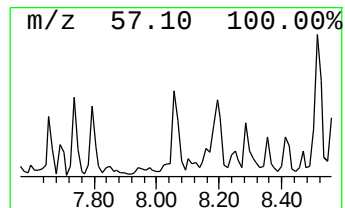
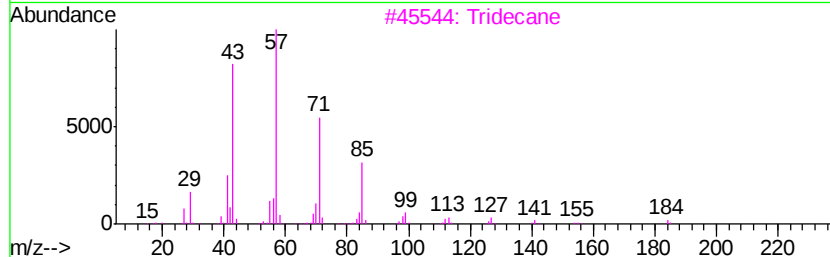
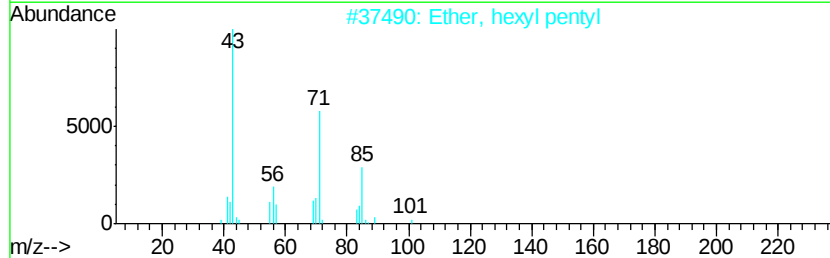
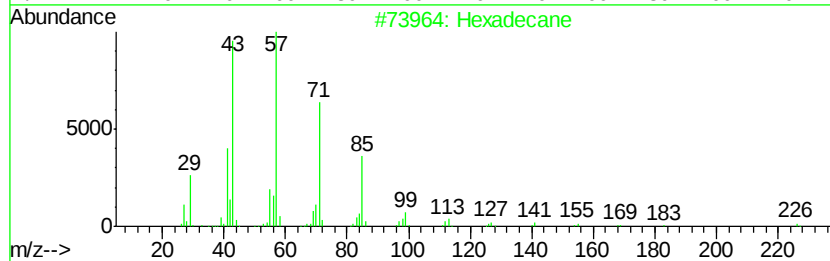
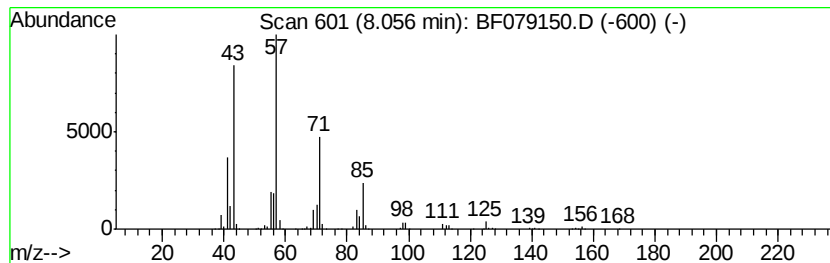
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	156.27 ng	6139140	1,4-Dichlorobenzene-d4	7.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	64
2	Ether, hexyl pentyl		172	C11H24O	032357-83-8	59
3	Tridecane		184	C13H28	000629-50-5	59
4	3-Ethyl-3-methylheptane		142	C10H22	017302-01-1	59
5	Tetradecane		198	C14H30	000629-59-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
Operator : TP/IZ
Sample : G2176-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

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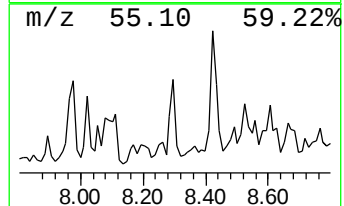
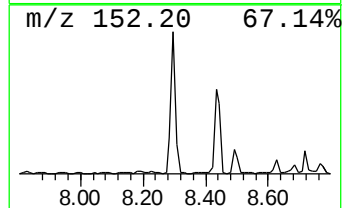
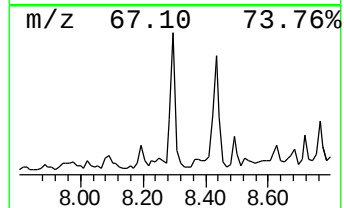
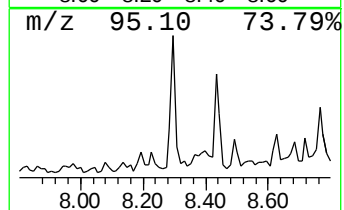
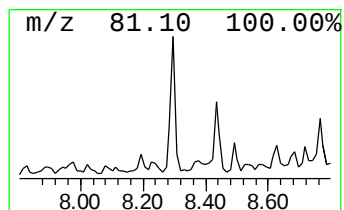
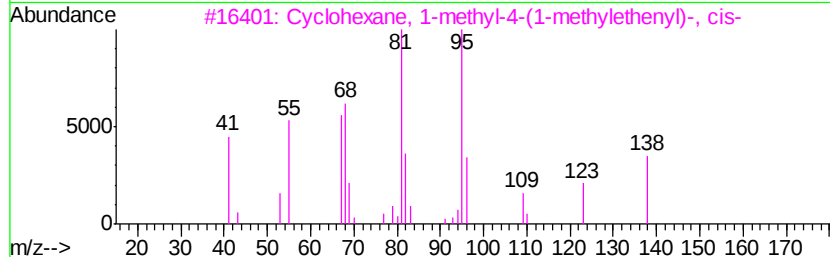
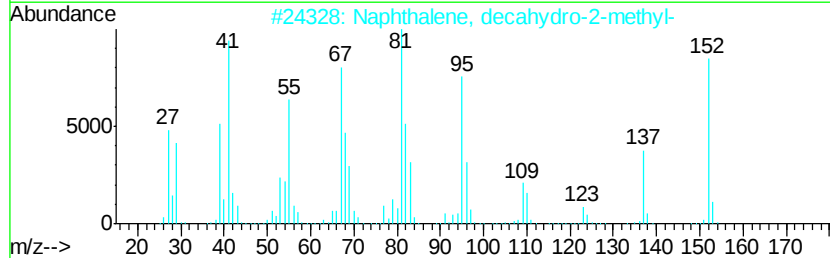
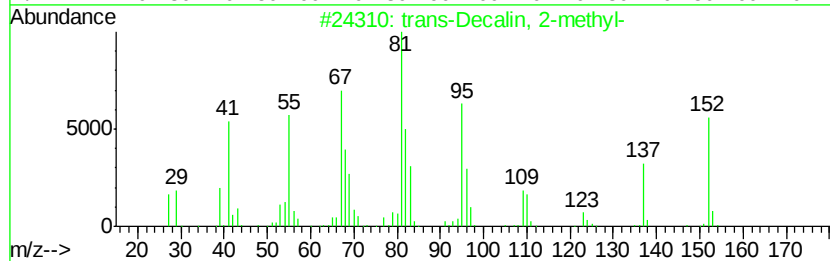
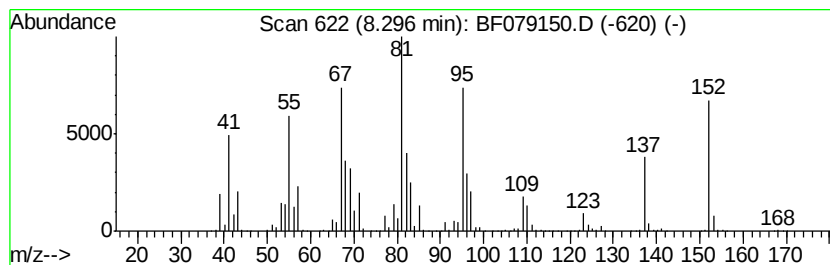
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	23.71 ng	9695700	Naphthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	98
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3		Cyclohexane, 1-methyl-4-(1-methyl...	138	C10H18	001879-07-8	68
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62
5		Pulegone	152	C10H16O	000089-82-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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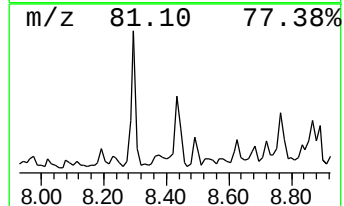
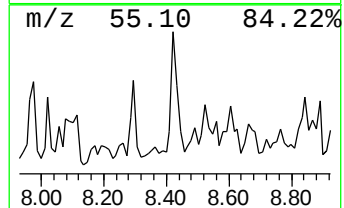
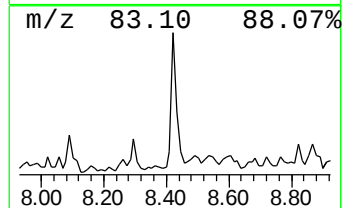
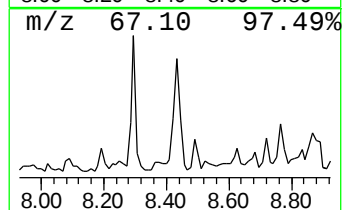
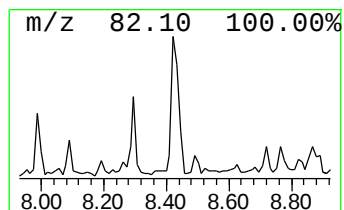
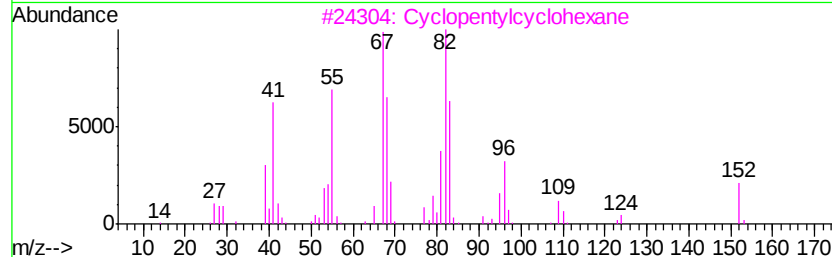
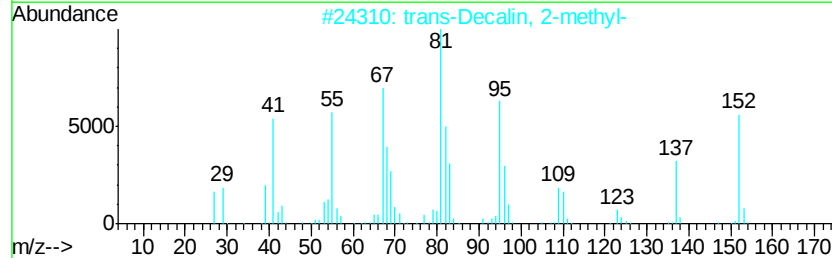
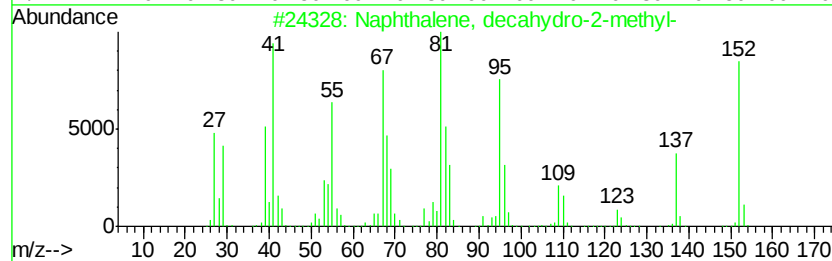
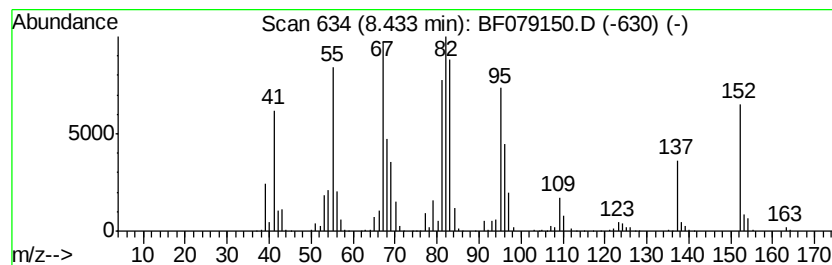
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	28.16 ng	11514800	Naphthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3		Cyclopentylcyclohexane	152	C11H20	001606-08-2	60
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079150.D
Acq On : 12 May 2015 9:30
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PS-12A(3-5)

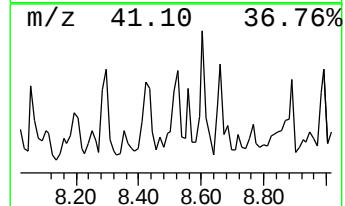
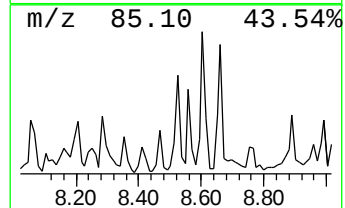
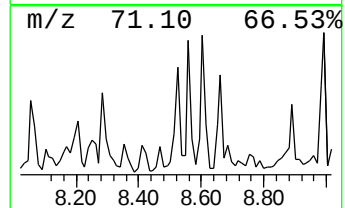
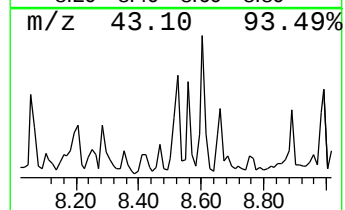
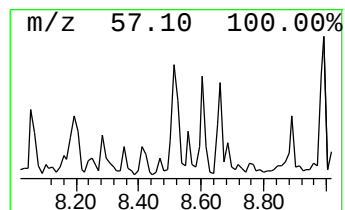
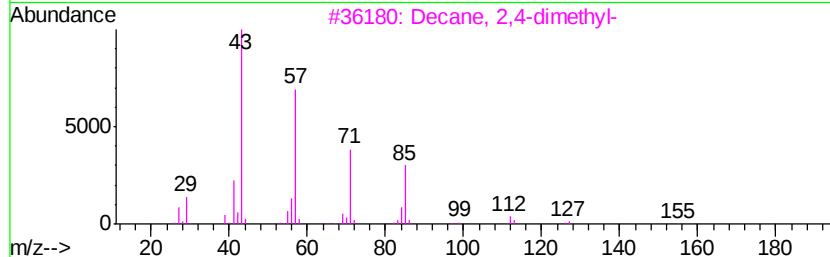
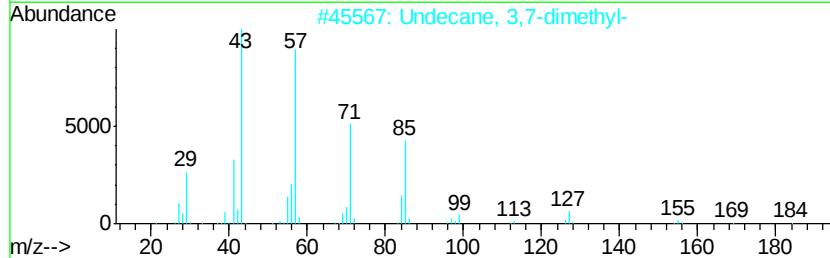
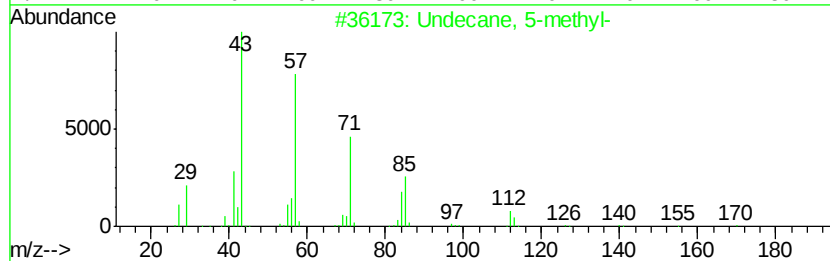
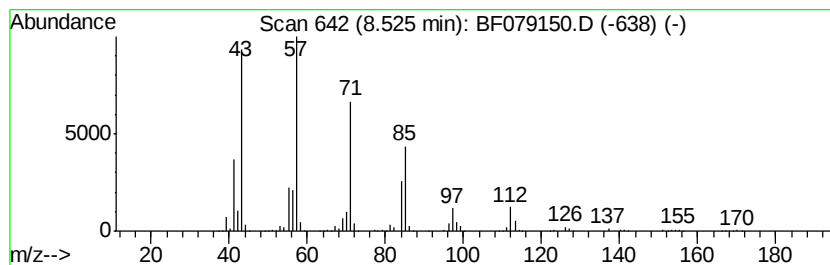
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	26.85 ng	10978200	Naphthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079150.D
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ClientSampleId :
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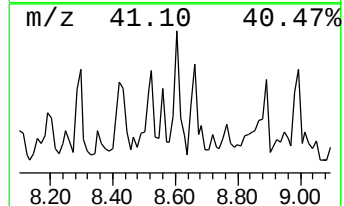
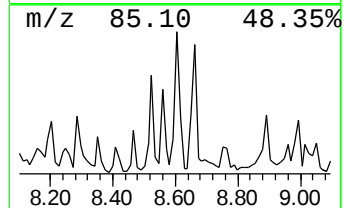
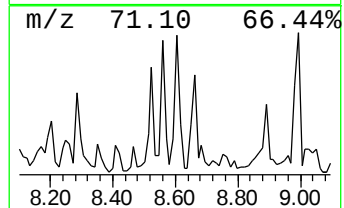
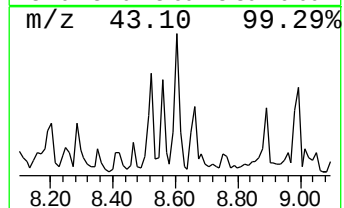
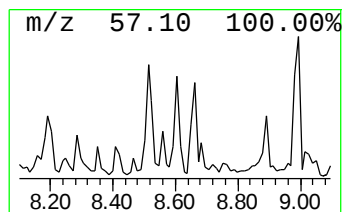
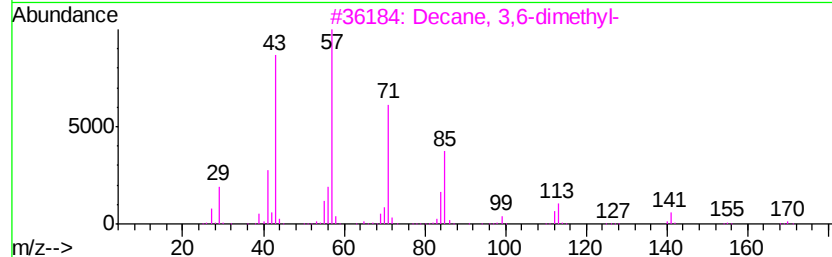
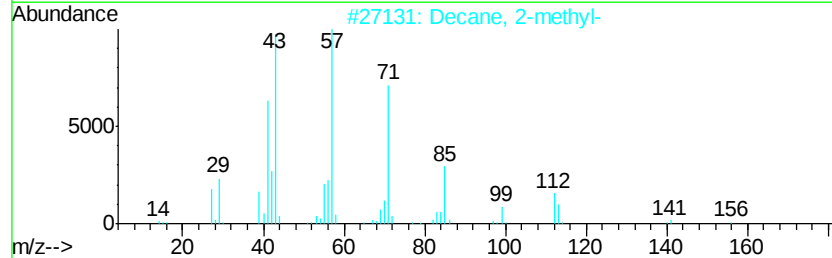
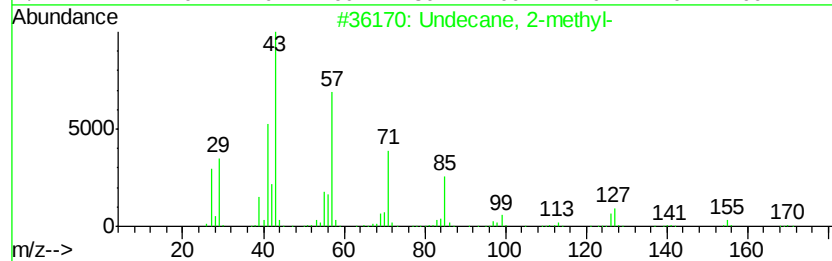
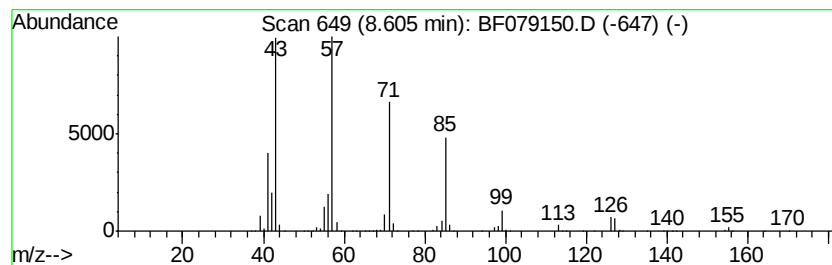
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	23.73 ng	9704740	Naphthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2		Decane, 2-methyl-	156	C11H24	006975-98-0	64
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	59
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
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Sample : G2176-14
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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
PS-12A(3-5)

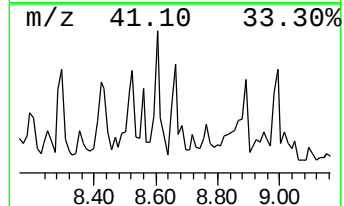
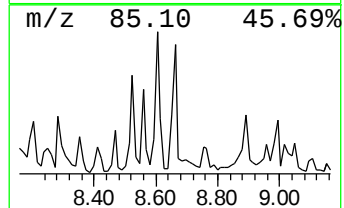
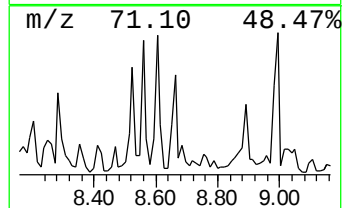
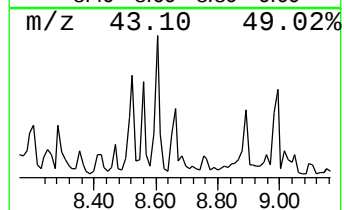
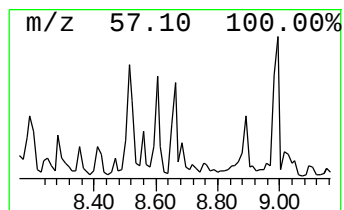
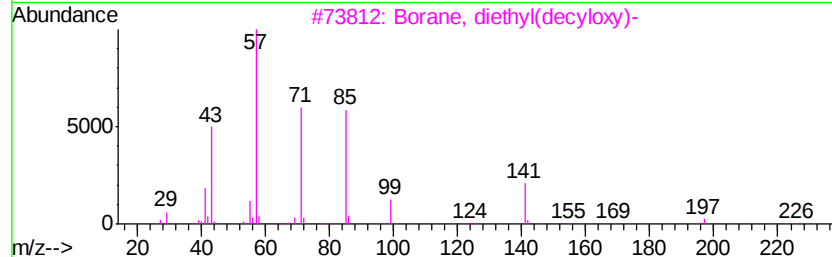
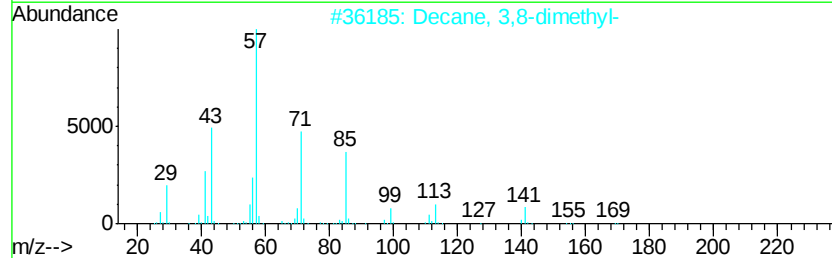
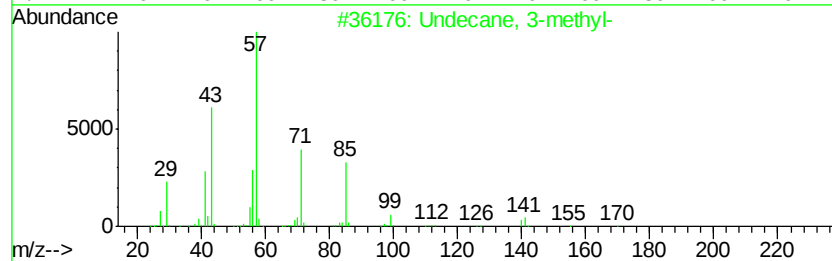
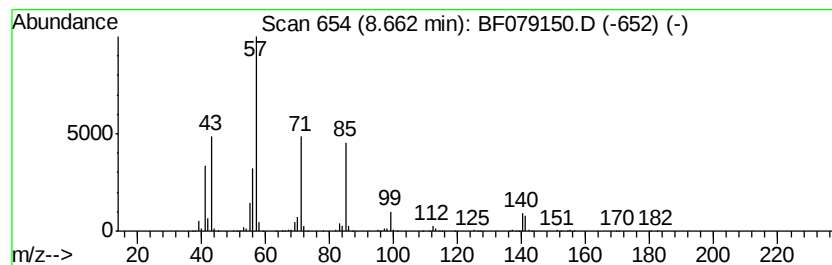
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	23.21 ng	9490380	Napthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
3		Borane, diethyl(decvloxy)-	226	C14H31BO	1000152-34-3	59
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079150.D
 Acq On : 12 May 2015 9:30
 Operator : TP/IZ
 Sample : G2176-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(3-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.43	45.6	ng	1791050	1	7.30	785714	20.0
unknown7.02	7.02	25.5	ng	1002030	1	7.30	785714	20.0
Dodecane, 2,7,10-...	7.38	26.5	ng	1039860	1	7.30	785714	20.0
Cyclohexane, 1-et...	7.58	25.5	ng	1000020	1	7.30	785714	20.0
Cyclohexane, 1,1,...	7.62	39.9	ng	1568330	1	7.30	785714	20.0
Heptane, 4-ethyl-	7.66	71.5	ng	2807360	1	7.30	785714	20.0
Nonane, 2,6-dimet...	7.69	51.3	ng	2013640	1	7.30	785714	20.0
Eicosane	7.74	104.8	ng	4115220	1	7.30	785714	20.0
Naphthalene, deca...	7.78	180.9	ng	7106280	1	7.30	785714	20.0
unknown7.85	7.85	23.4	ng	918557	1	7.30	785714	20.0
Cyclohexane, 1-et...	7.90	44.2	ng	1737900	1	7.30	785714	20.0
Hexadecane	8.06	156.3	ng	6139140	1	7.30	785714	20.0
trans-Decalin, 2-...	8.30	23.7	ng	9695700	2	8.88	8178520	20.0
Naphthalene, deca...	8.43	28.2	ng	11514800	2	8.88	8178520	20.0
Undecane, 5-methyl-	8.52	26.9	ng	10978200	2	8.88	8178520	20.0
Undecane, 2-methyl-	8.60	23.7	ng	9704740	2	8.88	8178520	20.0
Undecane, 3-methyl-	8.66	23.2	ng	9490380	2	8.88	8178520	20.0