

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088550.D
 Acq On : 1 Jul 2016 1:19
 Operator : UM/SJ
 Sample : H3630-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01N-1224

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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	1.873	23	25	38	rVB	2601614	4485185	64.67%	2.491%
2	2.753	95	102	106	rVB	161285	327360	4.72%	0.182%
3	3.701	181	185	190	rBV2	131843	289794	4.18%	0.161%
4	4.021	208	213	216	rBV	334433	563991	8.13%	0.313%
5	4.387	242	245	249	rBV	394959	588129	8.48%	0.327%
6	4.501	252	255	259	rBV	221211	289976	4.18%	0.161%
7	4.833	282	284	286	rVB	297120	321847	4.64%	0.179%
8	4.879	286	288	290	rBV2	144967	295156	4.26%	0.164%
9	4.924	290	292	295	rVB	665201	932335	13.44%	0.518%
10	4.993	295	298	300	rVB2	471401	706341	10.19%	0.392%
11	5.199	313	316	318	rBV	856099	938125	13.53%	0.521%
12	5.290	323	324	325	rBV	320326	310069	4.47%	0.172%
13	5.313	325	326	329	rVB	290109	328960	4.74%	0.183%
14	5.393	329	333	336	rVB2	1375132	1741432	25.11%	0.967%
15	5.484	338	341	344	rBV3	337799	423885	6.11%	0.235%
16	5.576	347	349	351	rBV	556196	794184	11.45%	0.441%
17	5.621	351	353	354	rVB	660551	844154	12.17%	0.469%
18	5.656	354	356	360	rBV2	571032	928160	13.38%	0.516%
19	5.736	360	363	365	rVB	211607	307614	4.44%	0.171%
20	5.827	367	371	373	rVB2	1037248	1701956	24.54%	0.945%
21	5.884	373	376	381	rBV4	598017	1581540	22.81%	0.878%
22	5.964	381	383	386	rVB2	1691404	2084881	30.06%	1.158%
23	6.021	386	388	390	rBV2	776913	1339229	19.31%	0.744%
24	6.067	390	392	395	rVB2	2870850	3987062	57.49%	2.215%
25	6.124	395	397	399	rBV	1201547	1416222	20.42%	0.787%
26	6.262	406	409	411	rBV3	1615008	2678856	38.63%	1.488%
27	6.330	411	415	416	rVV2	2344232	3783611	54.56%	2.102%
28	6.353	416	417	421	rVV2	2455166	4326277	62.38%	2.403%
29	6.422	421	423	426	rVV2	2003031	3503804	50.52%	1.946%
30	6.502	426	430	431	rVV3	1121188	3063557	44.18%	1.702%
31	6.524	431	432	434	rVV	1194670	1381457	19.92%	0.767%
32	6.570	434	436	442	rVV4	2218167	6849681	98.77%	3.805%
33	6.673	442	445	447	rVV3	1249420	3080681	44.42%	1.711%
34	6.730	447	450	451	rVV3	734235	1616348	23.31%	0.898%

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35	6.776	451	454	455	rVV3	1147542	2772712	39.98%	1.540%
36	6.822	455	458	459	rVV3	2048053	4059338	58.53%	2.255%
37	6.856	459	461	462	rVV	3556393	4686596	67.58%	2.603%
38	6.890	462	464	466	rVV3	1609559	2947416	42.50%	1.637%
39	6.924	466	467	468	rVV	1189576	1382039	19.93%	0.768%
40	6.982	468	472	474	rVV3	3024661	6935038	100.00%	3.852%
41	7.073	476	480	481	rVV2	1131740	3012705	43.44%	1.673%
42	7.107	481	483	485	rVV2	1853522	3382074	48.77%	1.879%
43	7.142	485	486	488	rVV2	2151367	2725265	39.30%	1.514%
44	7.176	488	489	491	rVV	1881577	2158058	31.12%	1.199%
45	7.222	491	493	494	rVV	2836038	3093623	44.61%	1.718%
46	7.256	494	496	498	rVV2	827035	1829493	26.38%	1.016%
47	7.313	498	501	502	rVV2	709016	1710522	24.66%	0.950%
48	7.359	502	505	507	rVV2	2561797	5034643	72.60%	2.796%
49	7.393	507	508	510	rVV2	1477630	2395961	34.55%	1.331%
50	7.473	513	515	517	rVV3	1851328	2969560	42.82%	1.649%
51	7.542	517	521	523	rVV2	1310224	3308632	47.71%	1.838%
52	7.599	523	526	527	rVV2	1438125	2879508	41.52%	1.599%
53	7.622	527	528	531	rVV2	1381883	2371223	34.19%	1.317%
54	7.667	531	532	533	rVV	600324	682512	9.84%	0.379%
55	7.747	533	539	541	rVV5	1268374	4926972	71.04%	2.737%
56	7.793	541	543	545	rVV3	1025317	2128178	30.69%	1.182%
57	7.850	545	548	549	rVV2	1584868	3120069	44.99%	1.733%
58	7.930	552	555	558	rVV4	808997	2235720	32.24%	1.242%
59	7.976	558	559	560	rVV	822885	827033	11.93%	0.459%
60	8.067	563	567	568	rVV2	919080	2067872	29.82%	1.149%
61	8.102	568	570	571	rVV	2443256	3112844	44.89%	1.729%
62	8.125	571	572	573	rVV	1360532	1480704	21.35%	0.822%
63	8.159	573	575	576	rVV	1035054	1761822	25.40%	0.979%
64	8.182	576	577	580	rVV2	1284907	2029213	29.26%	1.127%
65	8.285	583	586	587	rVV3	596677	1307823	18.86%	0.726%
66	8.319	587	589	590	rVV2	464787	786933	11.35%	0.437%
67	8.399	592	596	600	rVV6	903489	3427043	49.42%	1.904%
68	8.456	600	601	603	rVV2	783260	1114422	16.07%	0.619%
69	8.490	603	604	606	rVV2	1336968	1467193	21.16%	0.815%
70	8.536	606	608	610	rVV2	1516526	2138768	30.84%	1.188%
71	8.570	610	611	613	rVV	909592	1110926	16.02%	0.617%

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72	8.616	613	615	616 rVV	590849	993960	14.33%	0.552%
73	8.650	616	618	620 rVV3	478126	1113680	16.06%	0.619%
74	8.707	620	623	624 rVV2	844678	1569942	22.64%	0.872%
75	8.742	624	626	629 rVV3	617908	1714696	24.73%	0.952%
76	8.810	629	632	634 rVV2	1193257	2062336	29.74%	1.146%
77	8.856	634	636	638 rVV2	329805	752516	10.85%	0.418%
78	8.913	638	641	643 rVV2	913527	1505218	21.70%	0.836%
79	8.947	643	644	646 rVV2	356546	497101	7.17%	0.276%
80	9.016	646	650	652 rVV4	488798	1437761	20.73%	0.799%
81	9.108	656	658	659 rVV2	292157	453125	6.53%	0.252%
82	9.130	659	660	662 rVV	738562	828447	11.95%	0.460%
83	9.176	662	664	666 rVV	1317269	1316680	18.99%	0.731%
84	9.268	669	672	674 rVV	444448	763031	11.00%	0.424%
85	9.313	674	676	680 rVV3	206775	582094	8.39%	0.323%
86	9.370	680	681	684 rVV2	191112	305334	4.40%	0.170%
87	9.439	684	687	690 rVV	287092	549477	7.92%	0.305%
88	9.508	690	693	695 rVV2	432642	744078	10.73%	0.413%
89	9.588	697	700	701 rVV2	730838	939879	13.55%	0.522%
90	9.850	720	723	725 rVV	1277530	1310531	18.90%	0.728%
91	10.628	787	791	793 rBV2	485311	515224	7.43%	0.286%
92	10.776	801	804	808 rVB	217209	301079	4.34%	0.167%
93	11.245	841	845	848 rVB	205059	333207	4.80%	0.185%
94	11.325	850	852	853 rBV	1019284	831833	11.99%	0.462%
95	12.319	937	939	942 rBV	173306	315522	4.55%	0.175%
96	12.376	942	944	948 rBV4	112362	335537	4.84%	0.186%
97	12.914	989	991	995 rBV2	557603	855181	12.33%	0.475%
98	13.199	1014	1016	1019 rBV2	256036	643253	9.28%	0.357%
99	13.817	1067	1070	1076 rBV4	424429	1717928	24.77%	0.954%
100	16.468	1299	1302	1309 rVB	628201	1555761	22.43%	0.864%

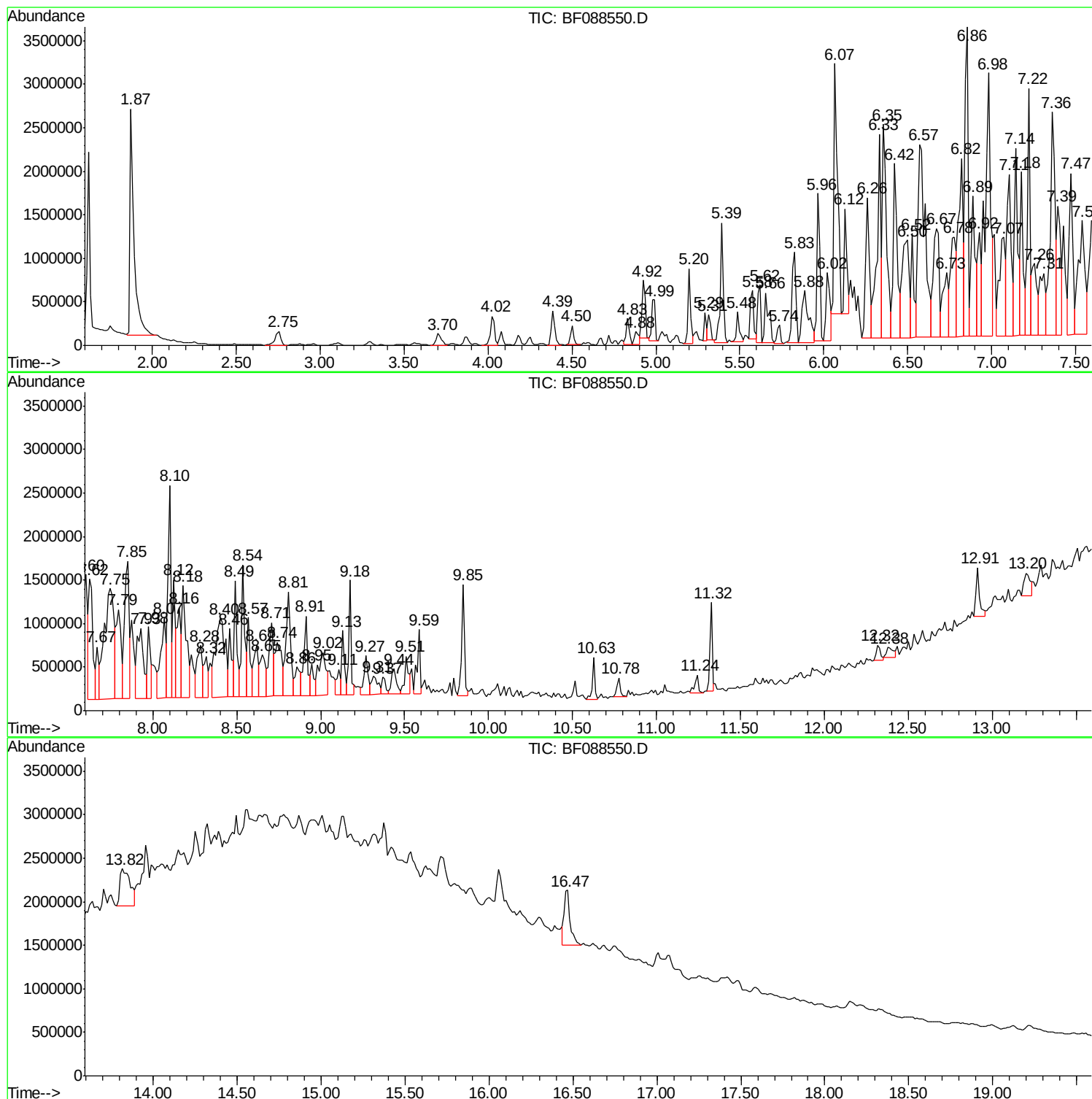
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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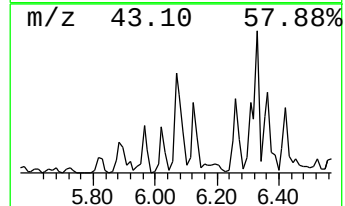
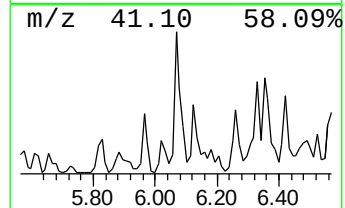
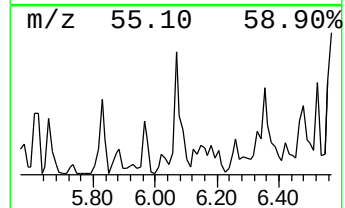
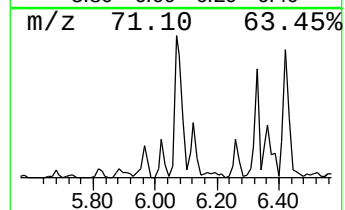
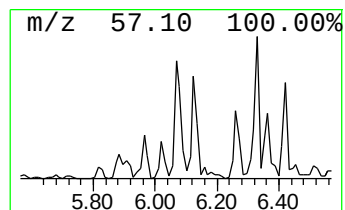
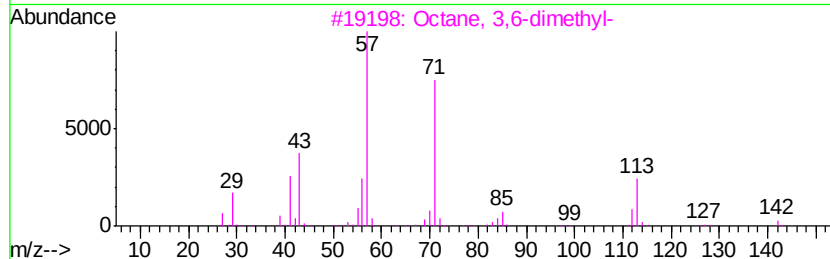
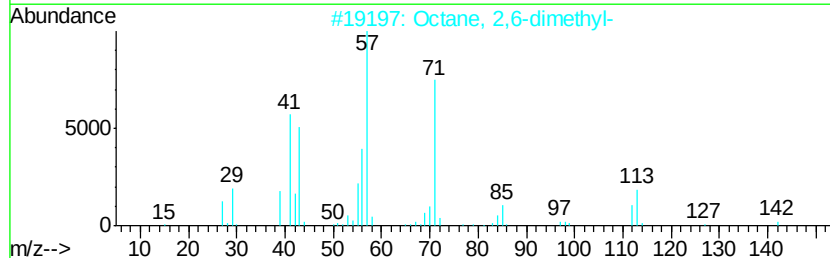
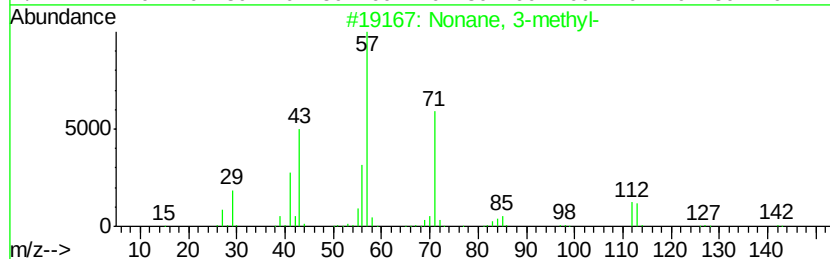
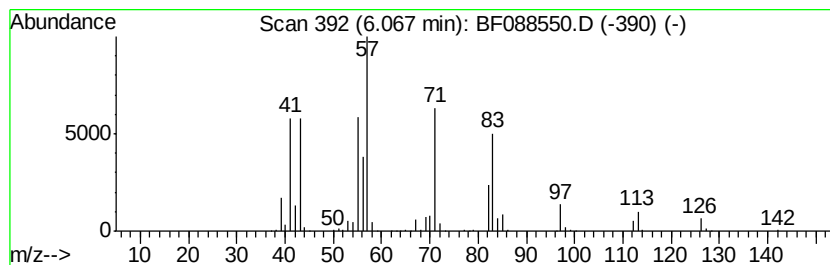
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	19.64 ng	3987060	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	35



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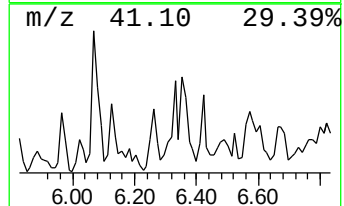
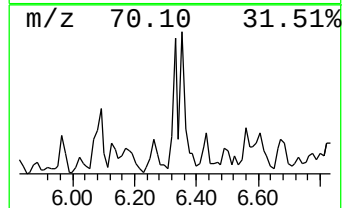
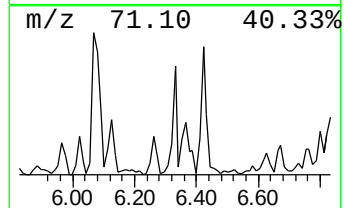
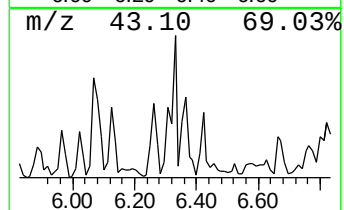
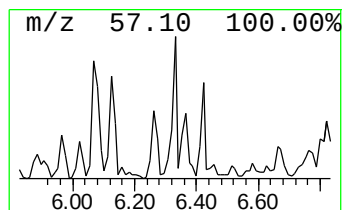
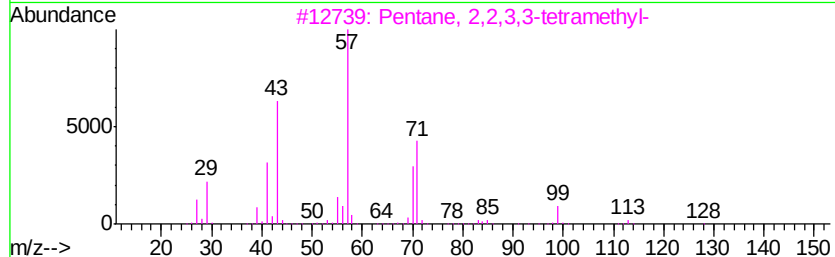
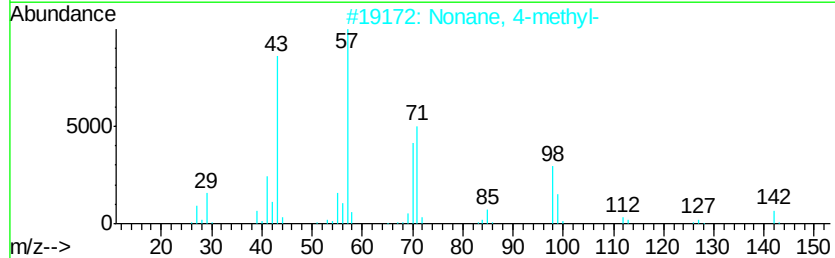
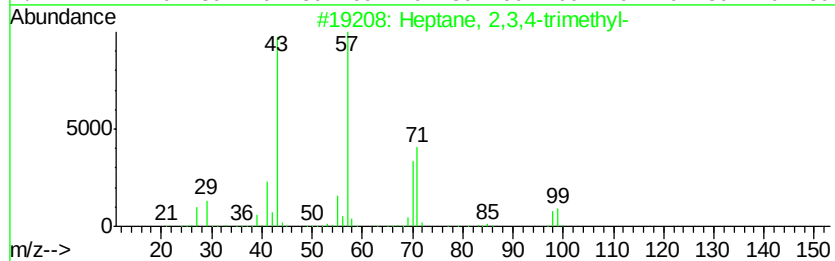
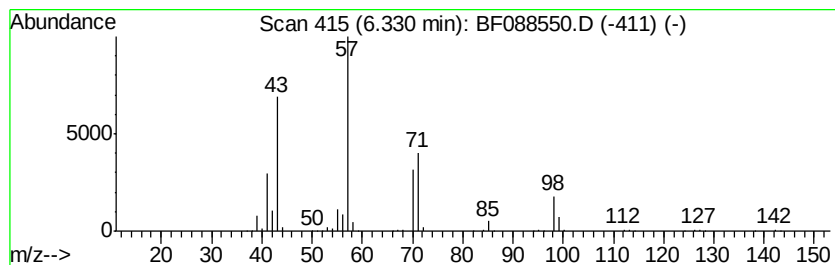
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 2,3,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.33	18.64 ng	3783610	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	78
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59



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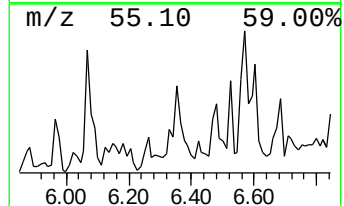
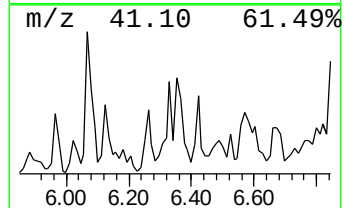
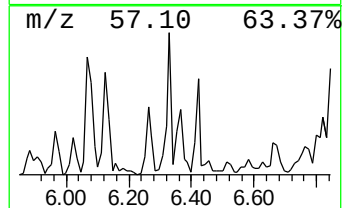
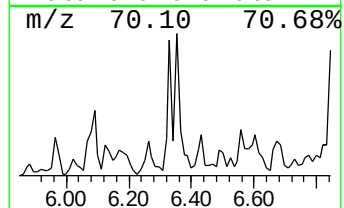
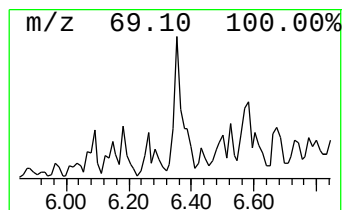
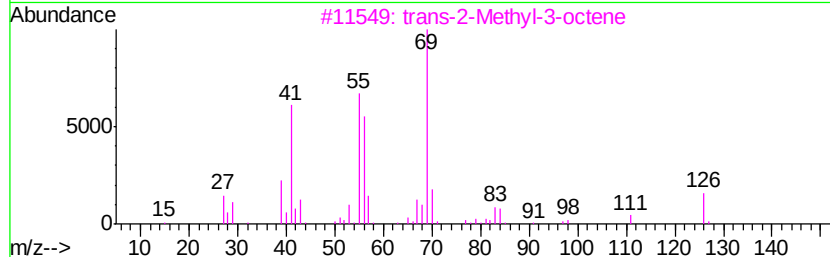
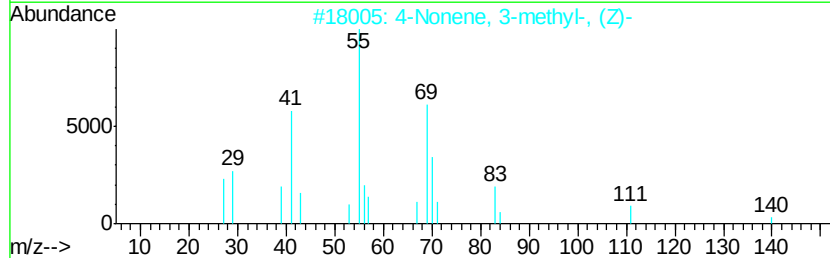
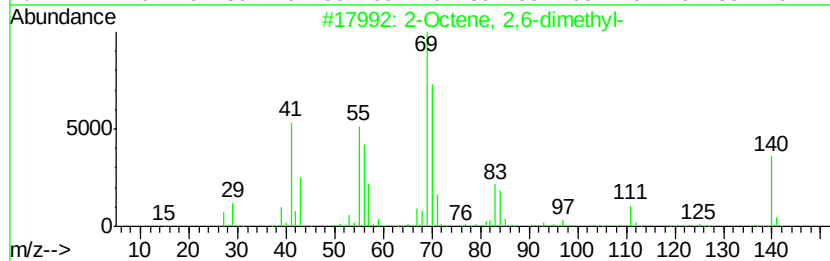
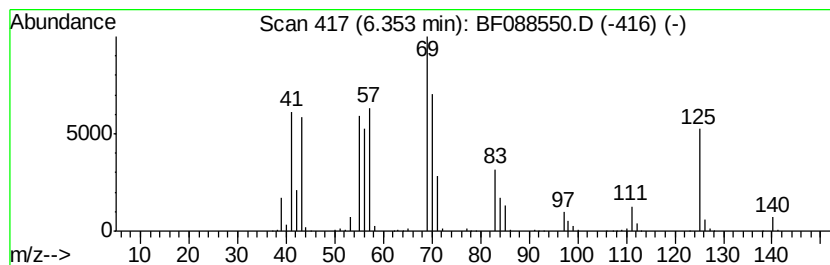
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Peak Number 4 2-Octene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.35	21.32 ng	4326280	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	50
3	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
5	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	38



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1409-TP01N-1224

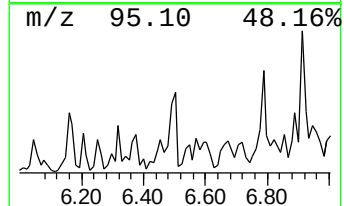
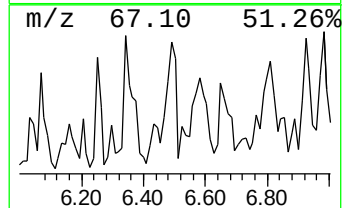
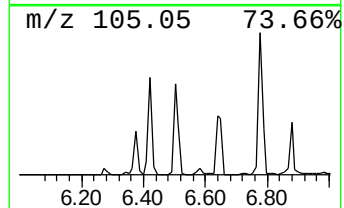
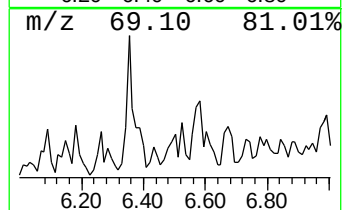
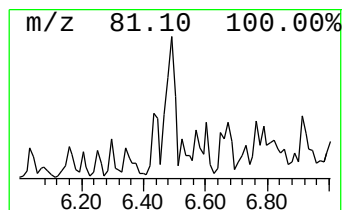
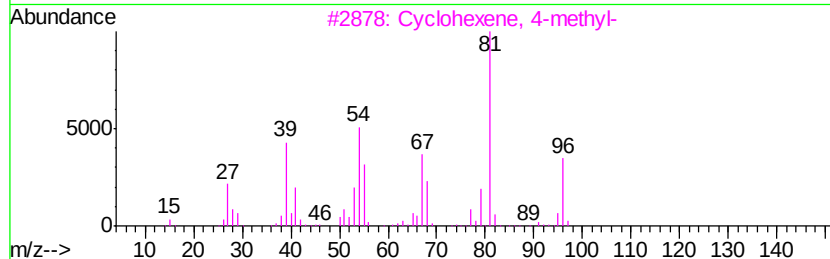
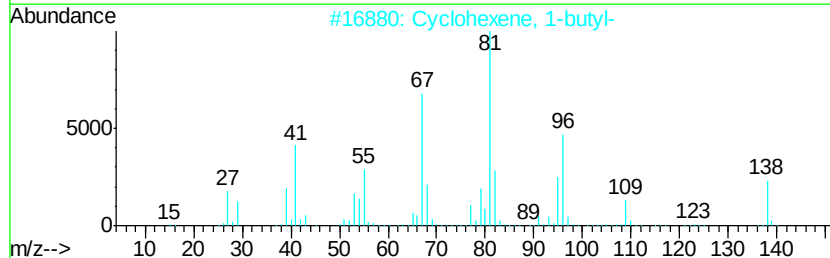
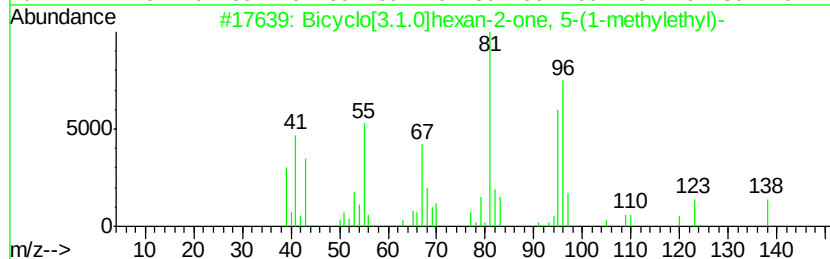
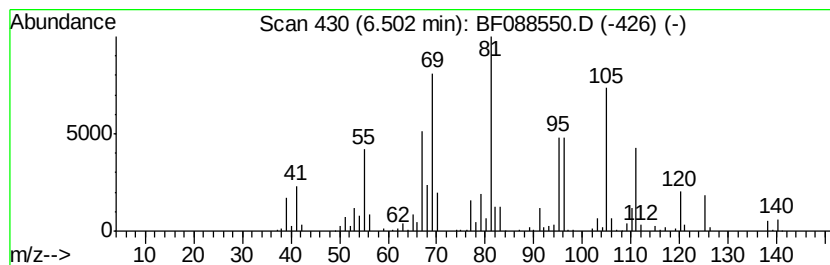
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	15.09 ng	3063560	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	45
2		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	41
3		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	30
5		Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
Sample : H3630-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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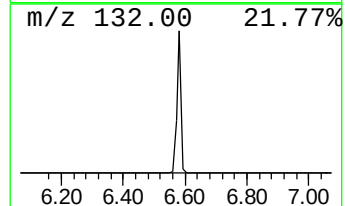
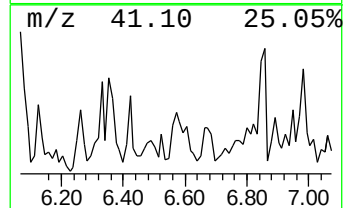
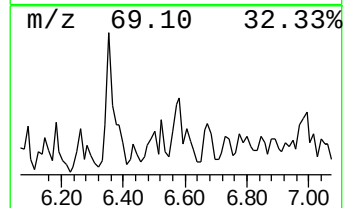
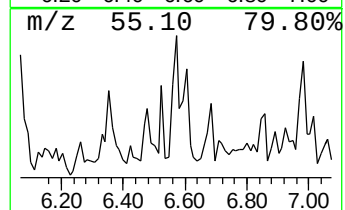
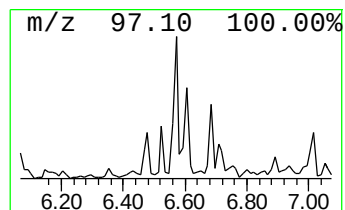
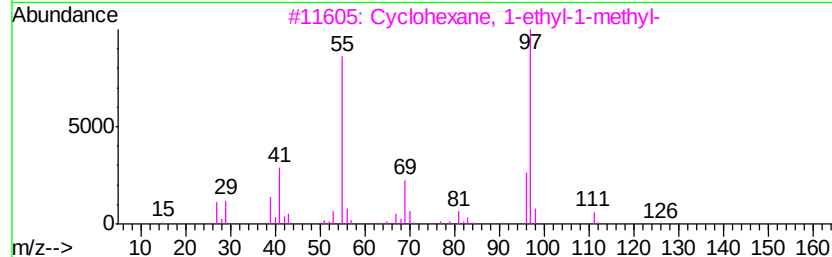
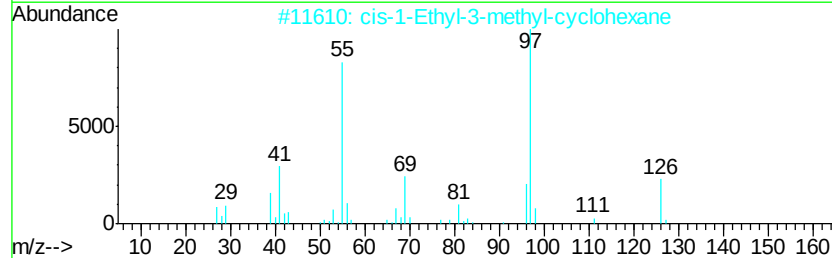
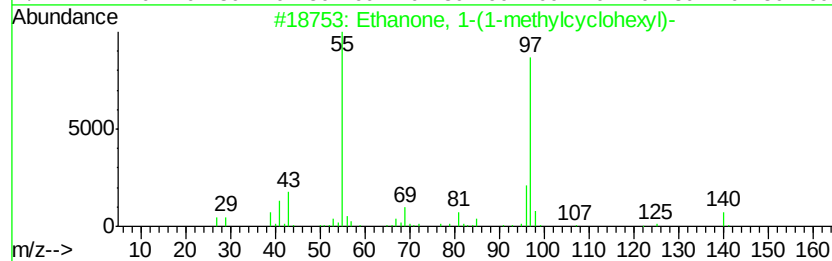
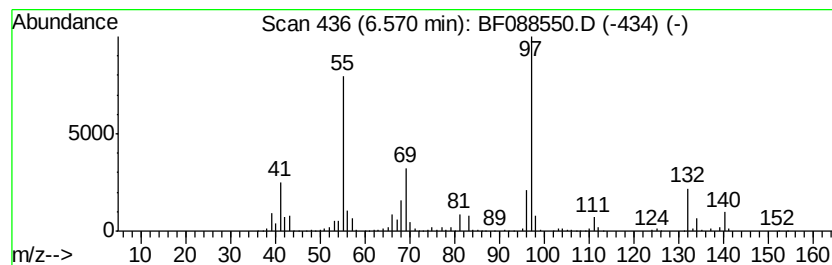
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	33.75 ng	6849680	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	68
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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Operator : UM/SJ
Sample : H3630-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B1409-TP01N-1224

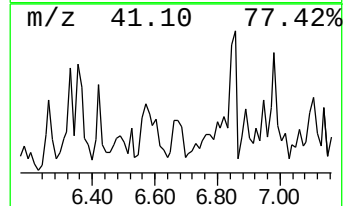
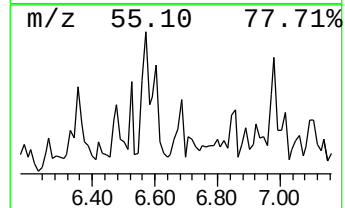
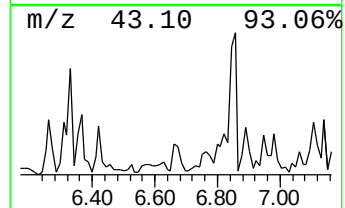
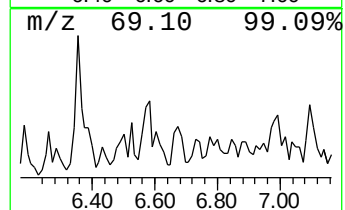
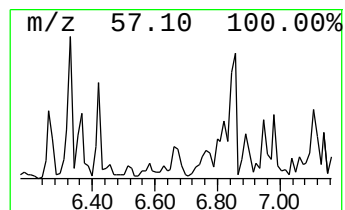
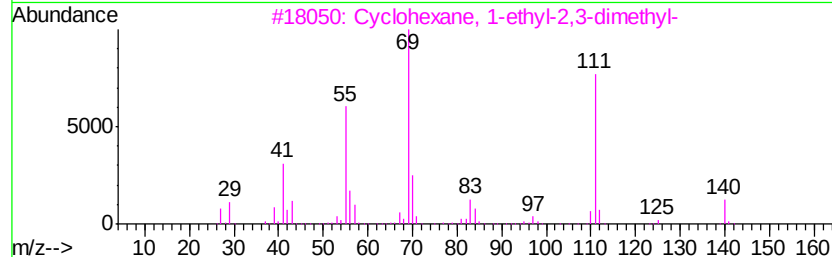
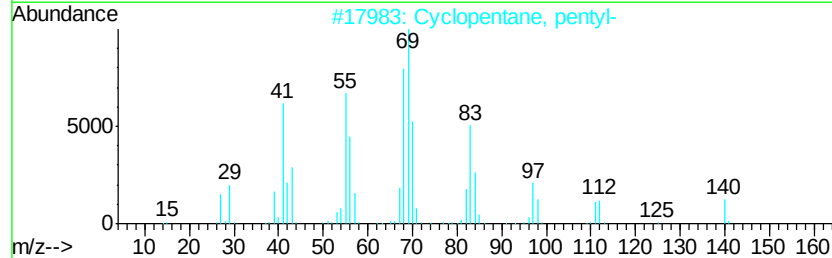
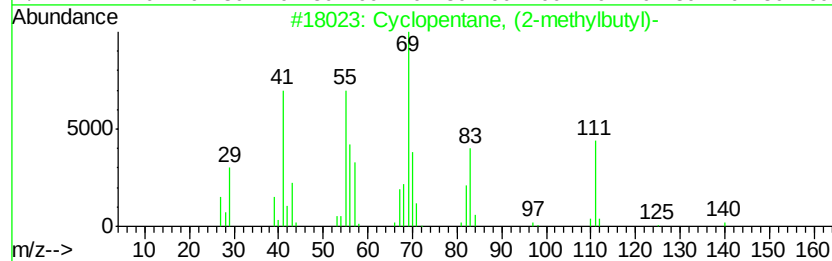
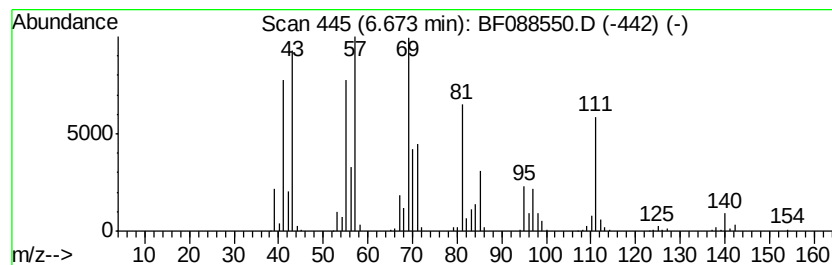
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.67 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	15.18 ng	3080680	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
2		Cyclopentane, pentyl-	140	C10H20	003741-00-2	46
3		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43
4		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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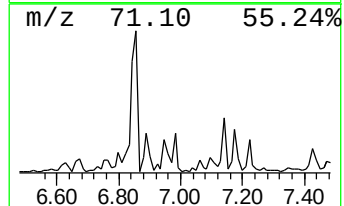
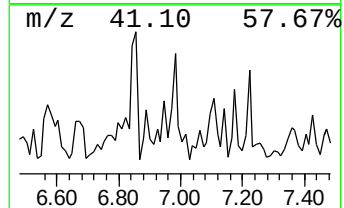
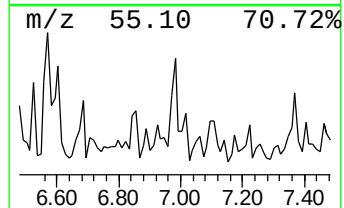
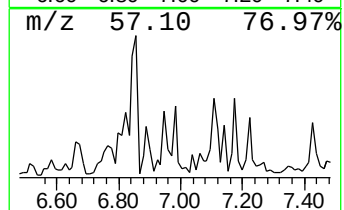
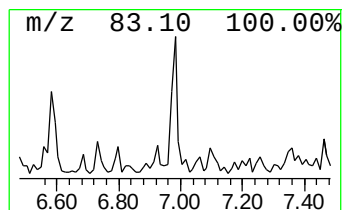
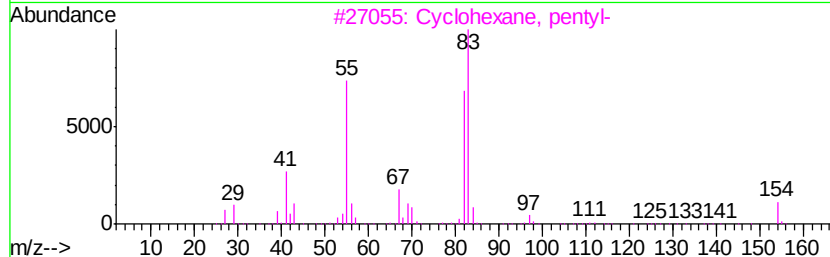
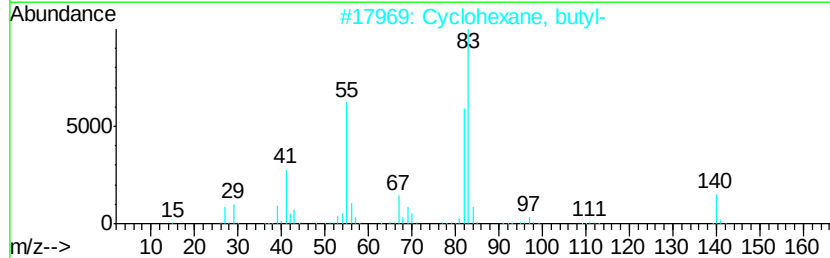
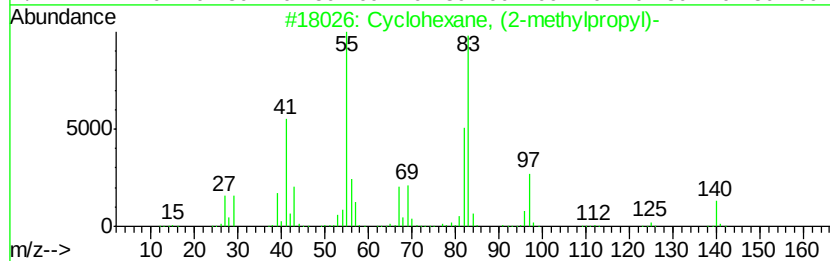
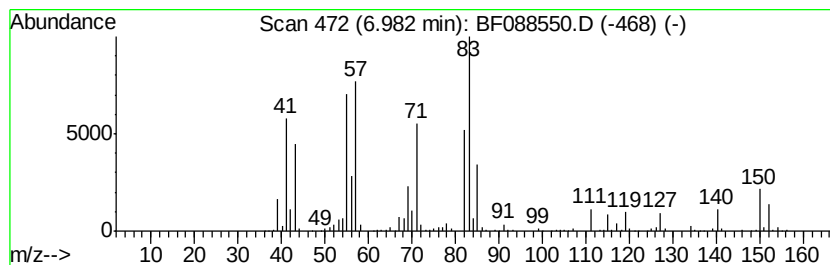
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown6.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	34.17 ng	6935040	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
4		1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	27
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088550.D
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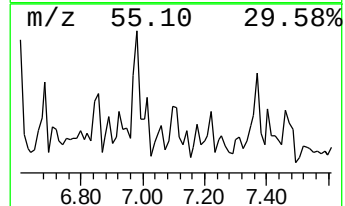
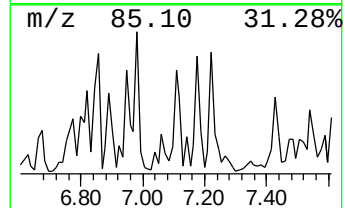
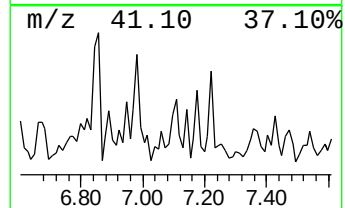
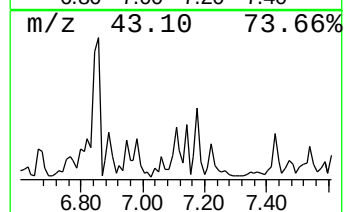
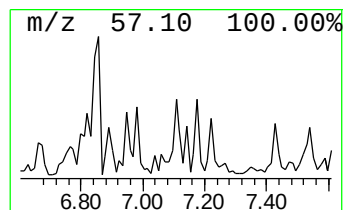
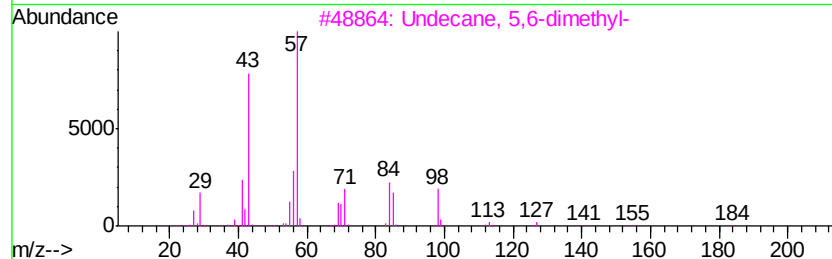
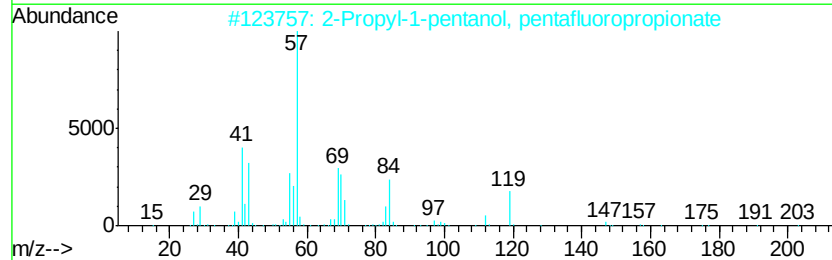
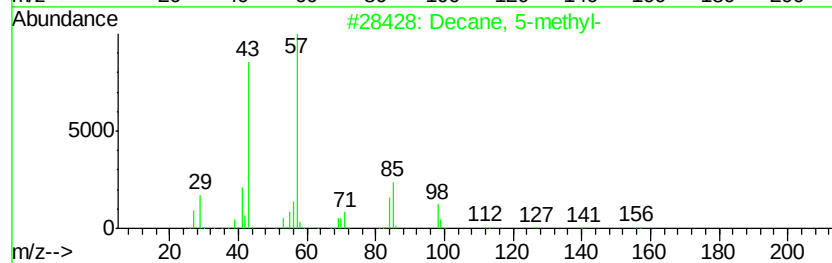
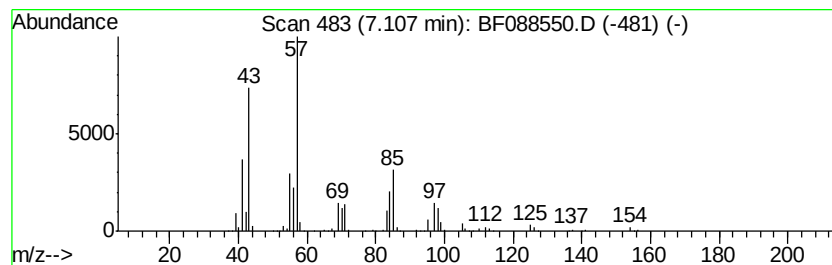
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.66 ng	3382070	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-methyl-	156	C11H24	013151-35-4	53
2		2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	50
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
4		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	43
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
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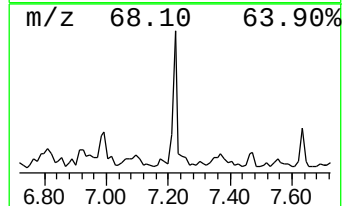
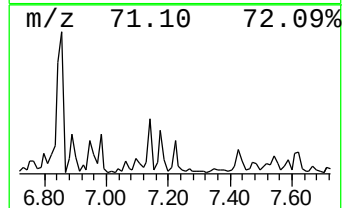
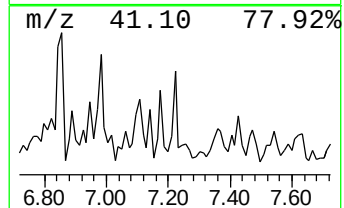
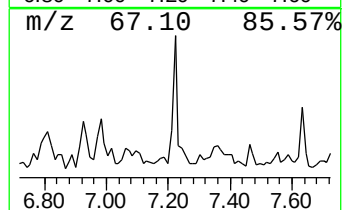
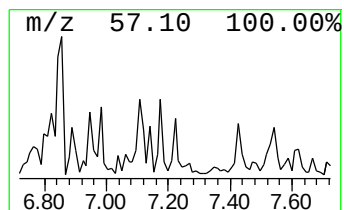
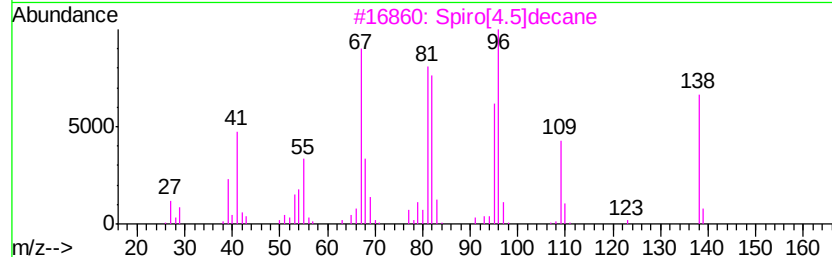
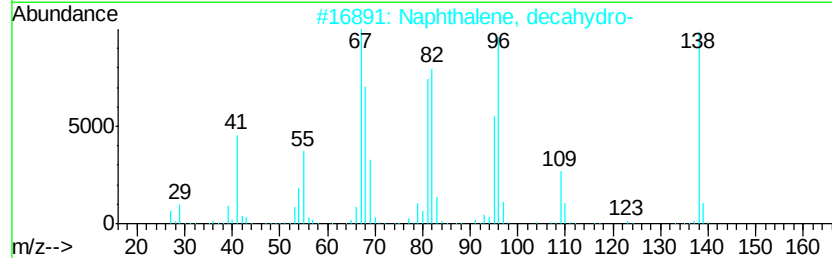
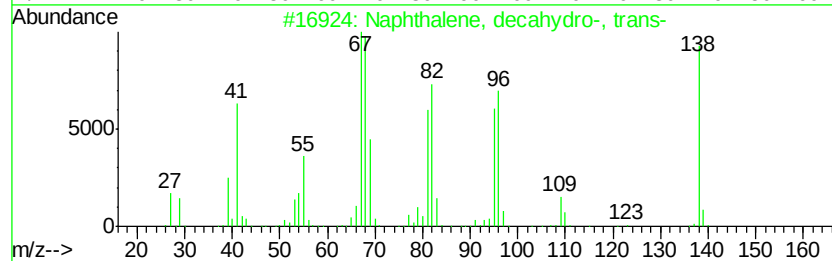
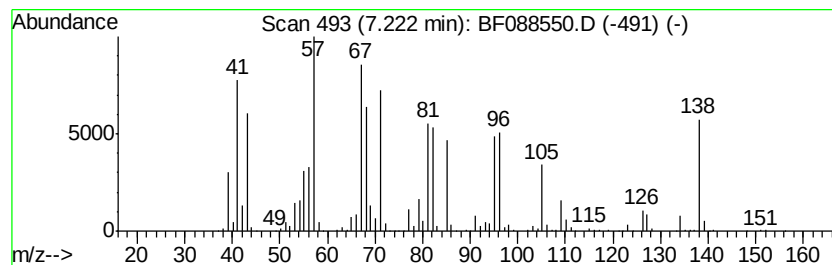
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	15.24 ng	3093620	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	70
3		Spiro[4.5]decane	138	C10H18	000176-63-6	58
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55
5		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
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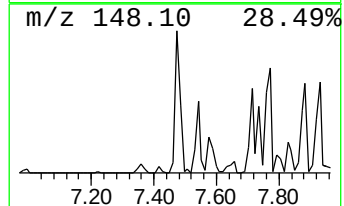
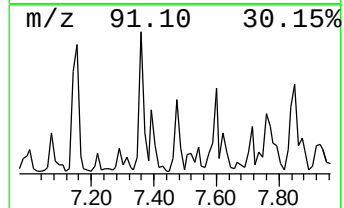
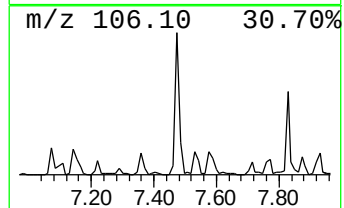
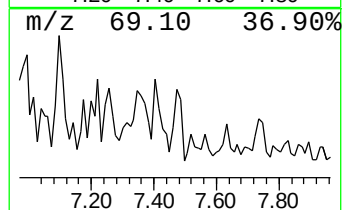
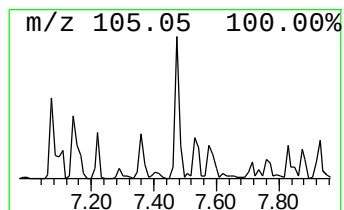
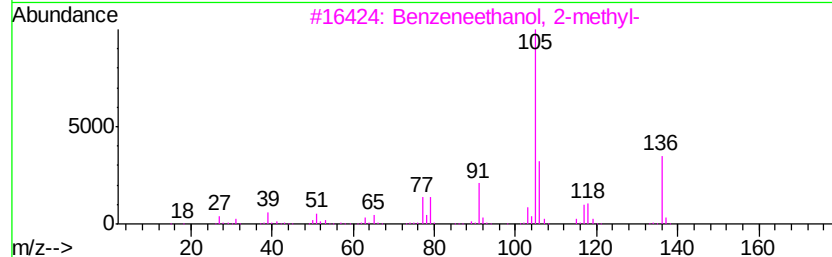
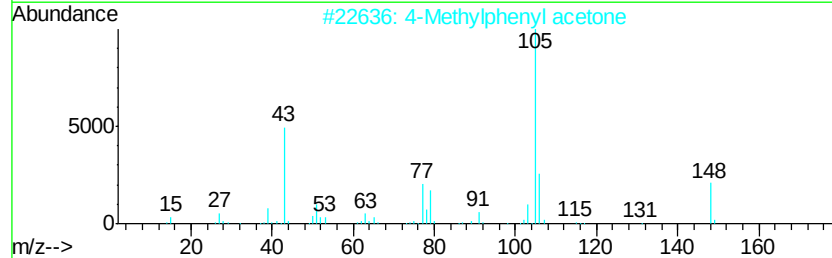
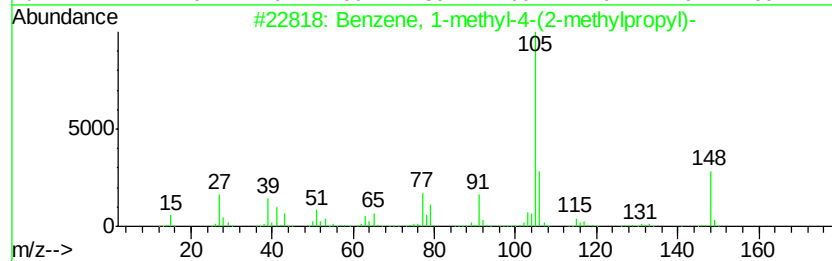
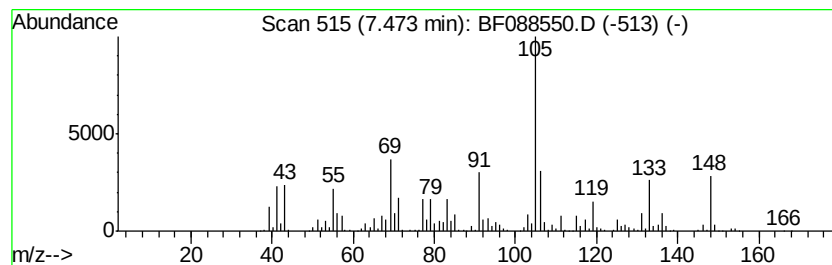
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown7.47 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	19.08 ng	2969560	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	45
3		Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	38
4		Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	30
5		Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
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Operator : UM/SJ
Sample : H3630-03 5X
Misc :
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Instrument :
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ClientSampleId :
B1409-TP01N-1224

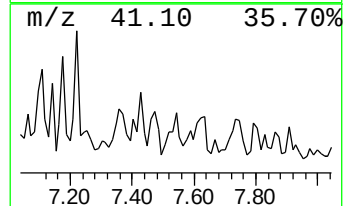
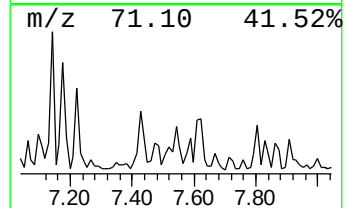
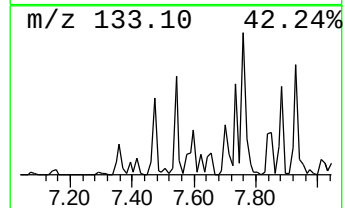
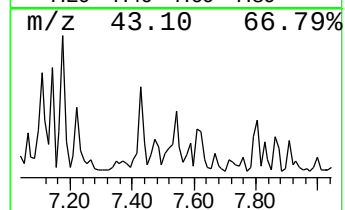
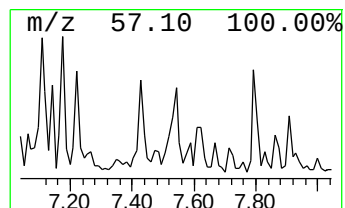
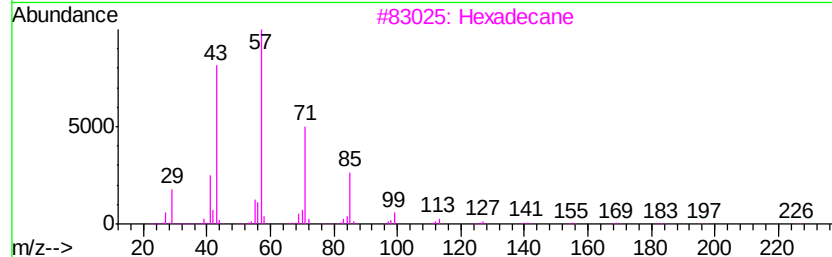
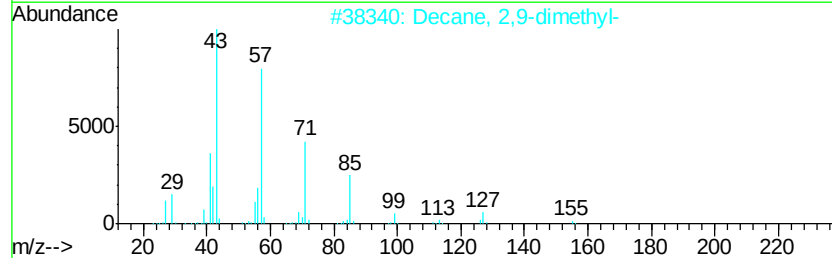
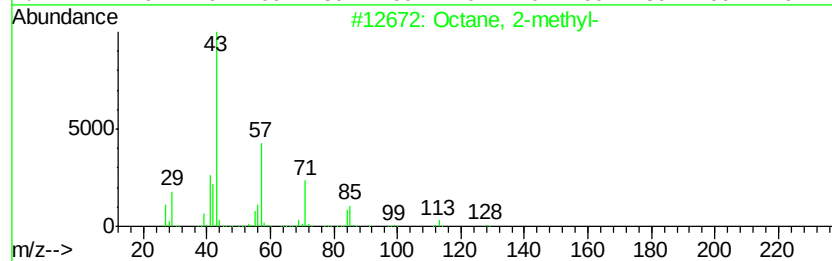
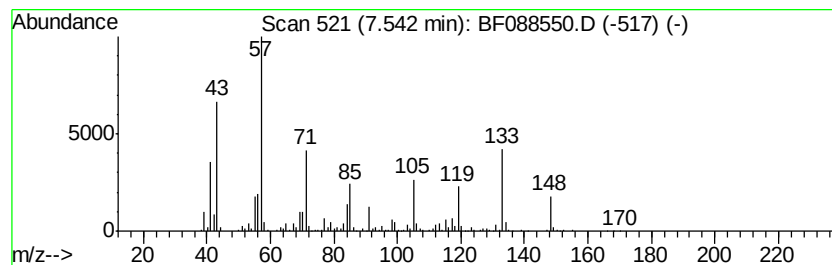
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown7.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	21.26 ng	3308630	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	45
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35
3		Hexadecane	226	C16H34	000544-76-3	35
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	30
5		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088550.D
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ClientSampleId :
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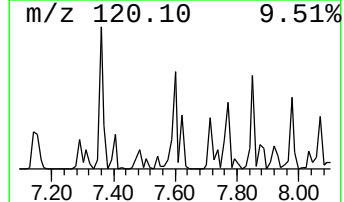
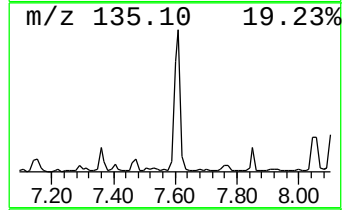
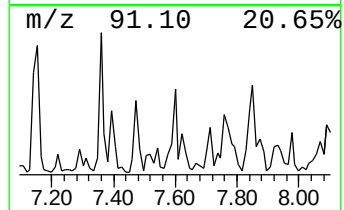
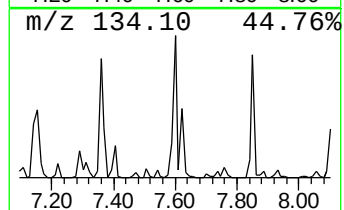
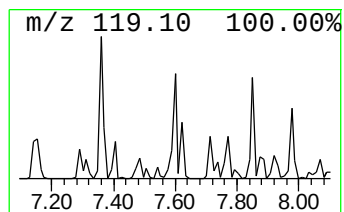
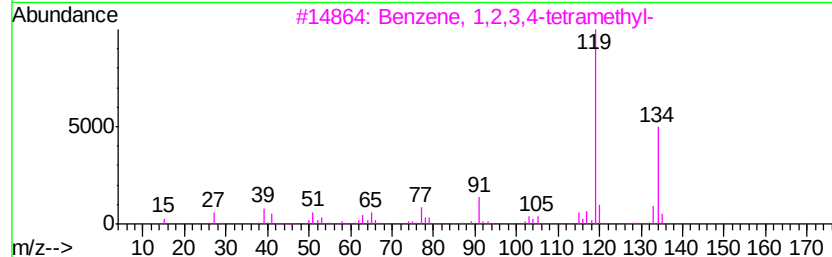
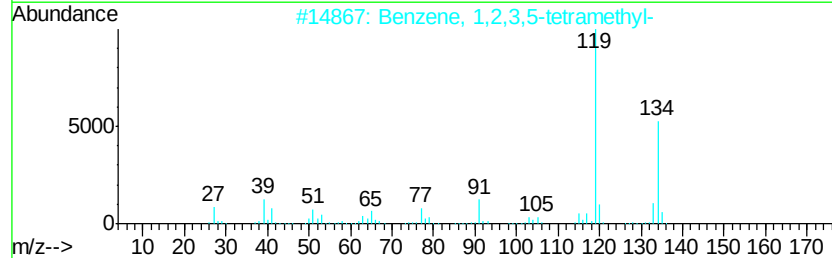
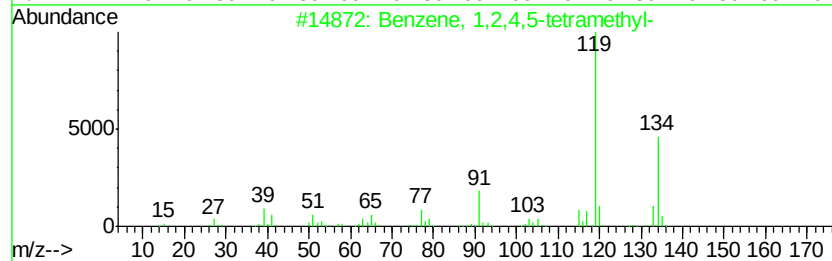
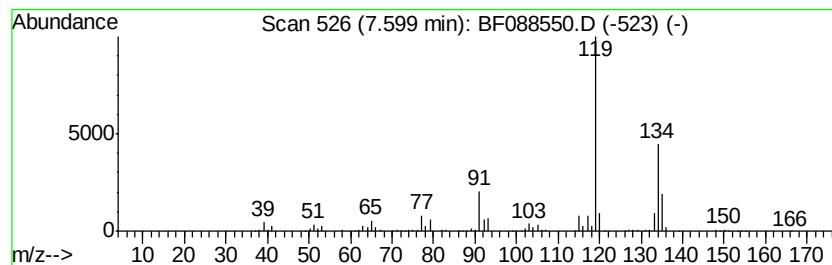
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	18.50 ng	2879510	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
Sample : H3630-03 5X
Misc :
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Instrument :
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ClientSampleId :
B1409-TP01N-1224

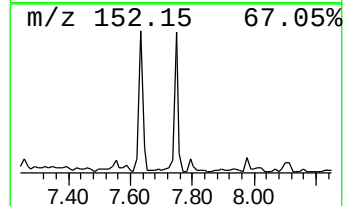
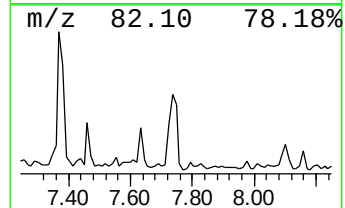
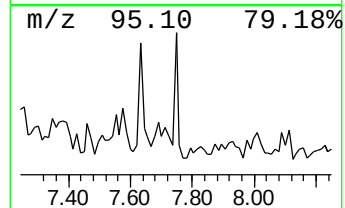
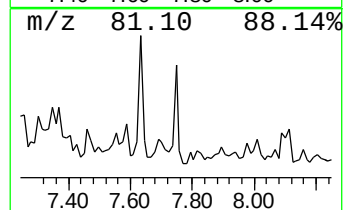
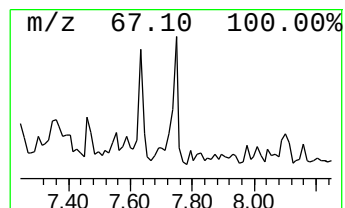
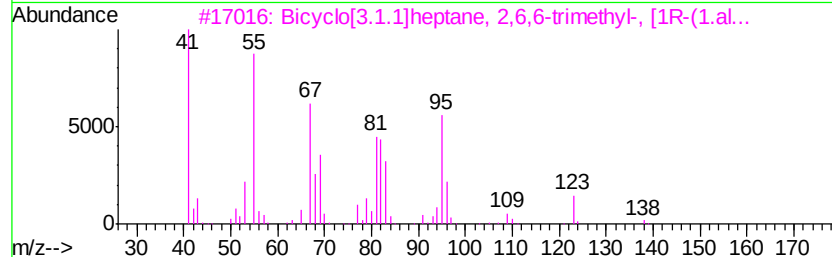
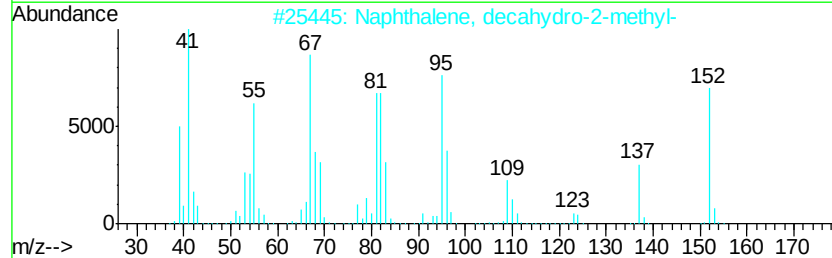
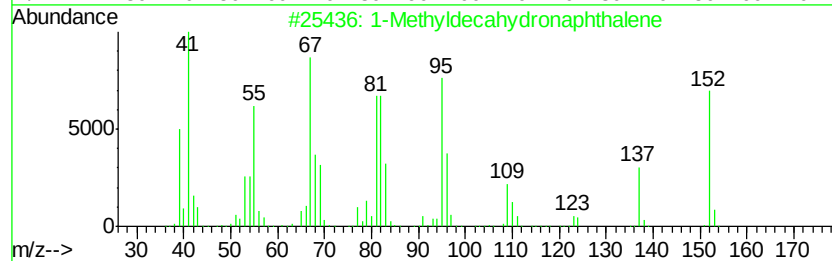
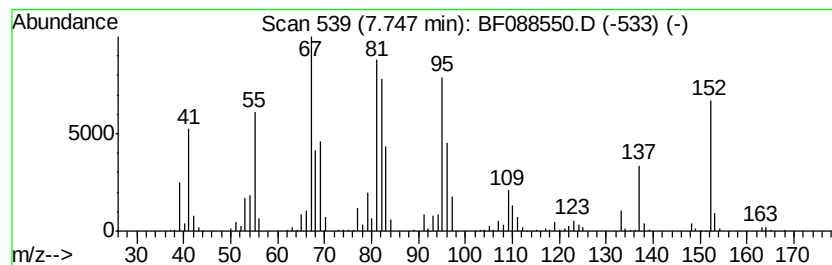
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Methyldecahydronaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	31.66 ng	4926970	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	94
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	74
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
5		Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
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Sample : H3630-03 5X
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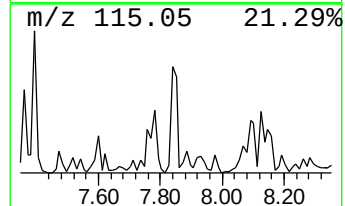
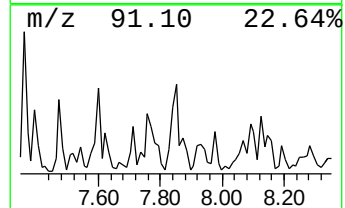
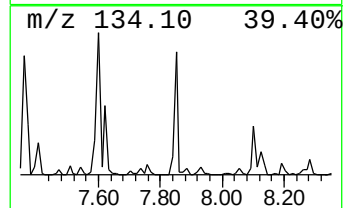
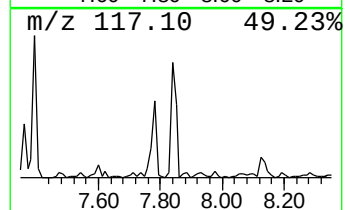
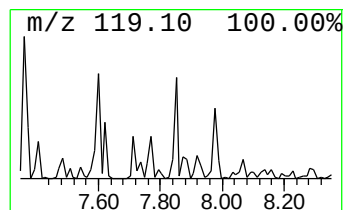
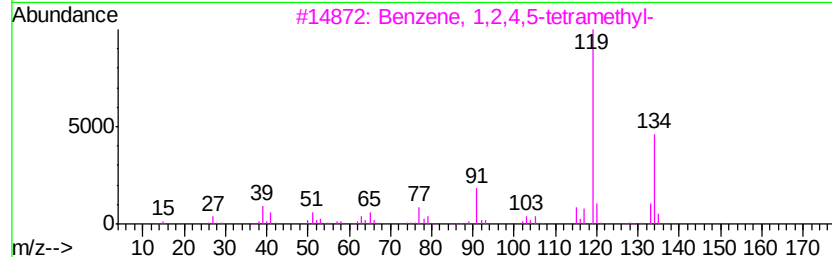
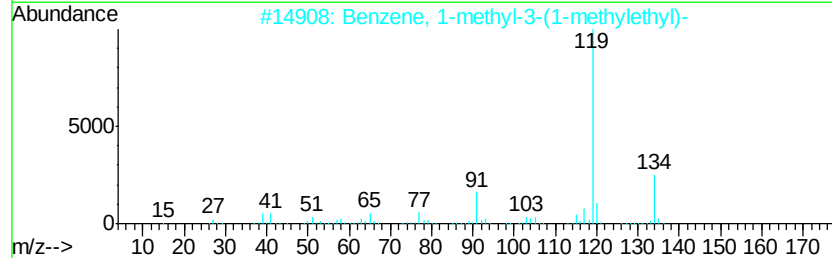
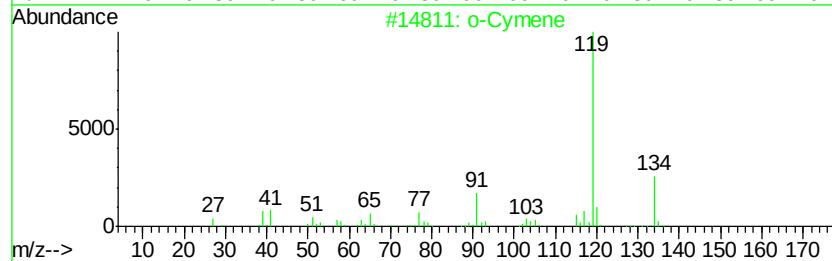
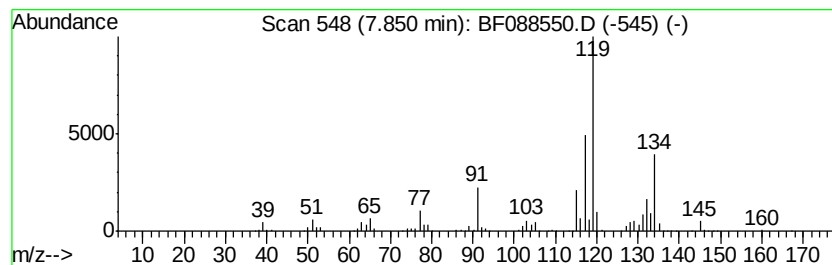
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	20.05 ng	3120070	Napthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 64
2		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 64
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 64
4		p-Cymene	134 C10H14	000099-87-6 64
5		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
Sample : H3630-03 5X
Misc :
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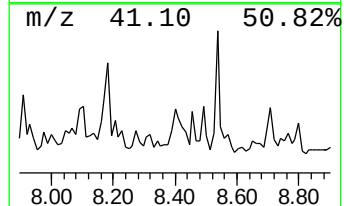
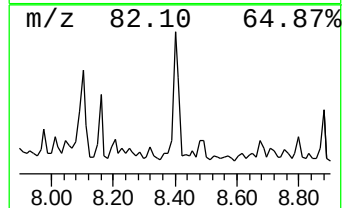
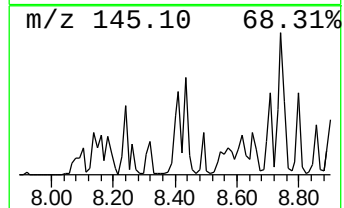
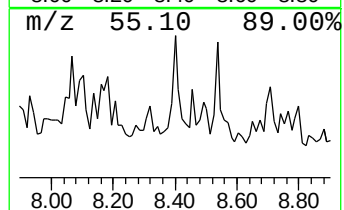
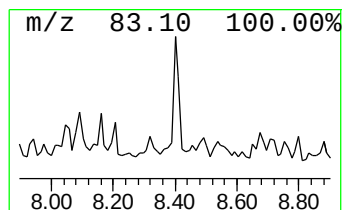
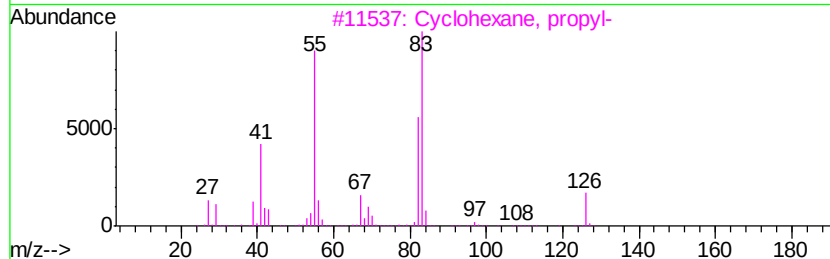
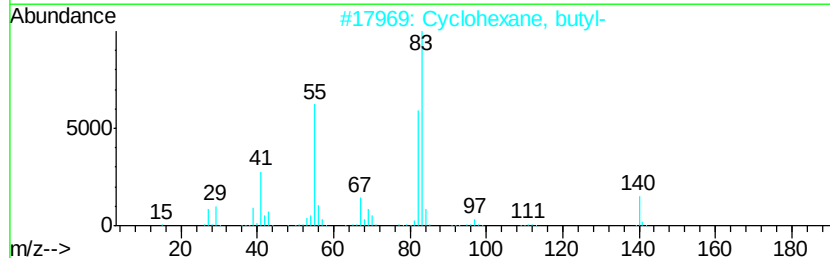
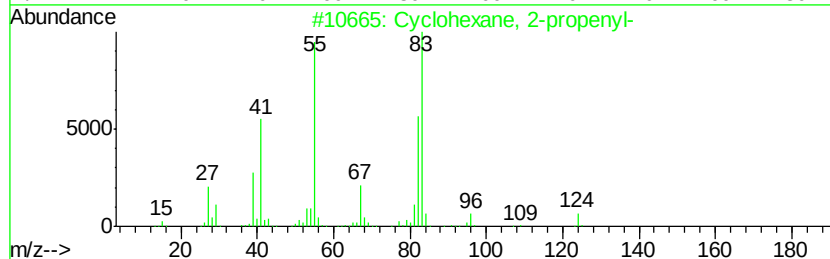
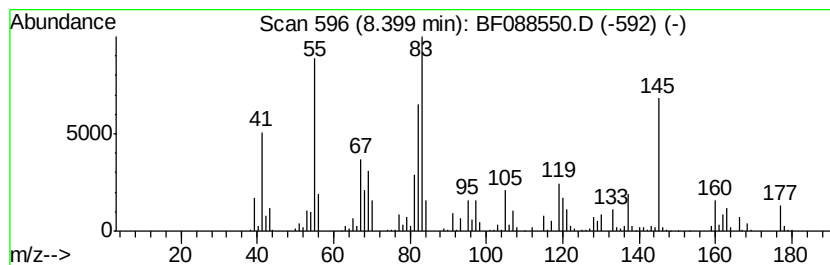
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown8.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	22.02 ng	3427040	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088550.D
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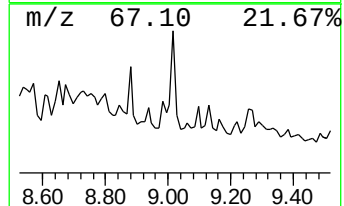
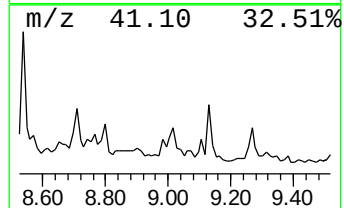
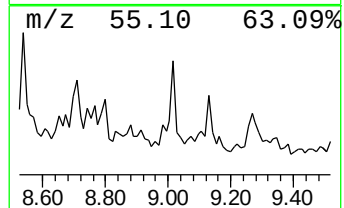
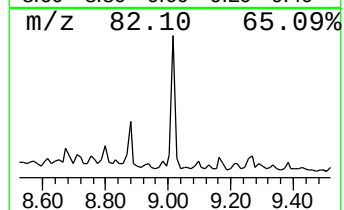
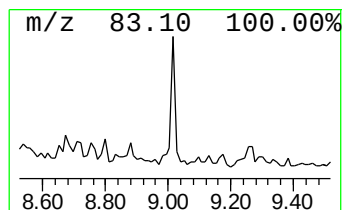
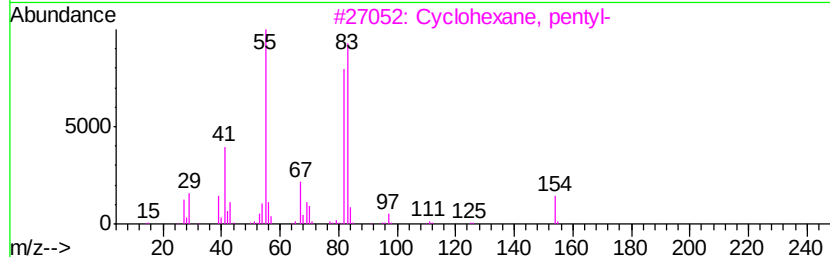
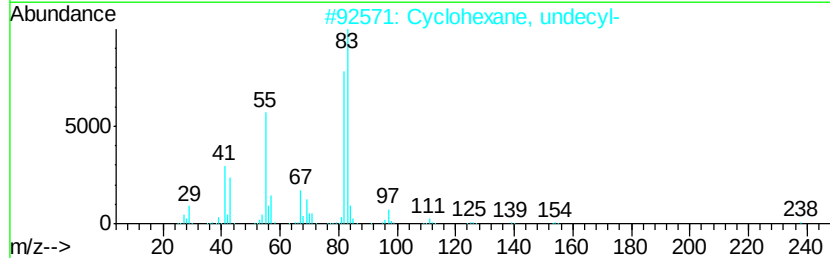
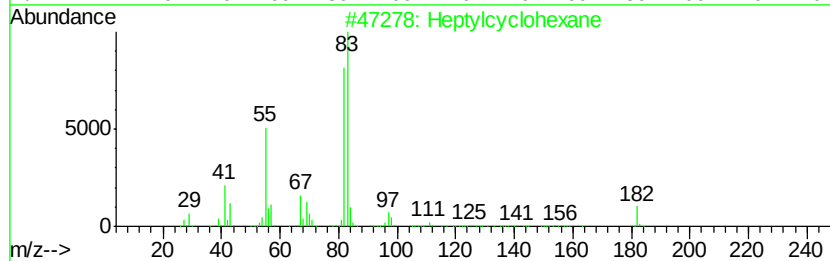
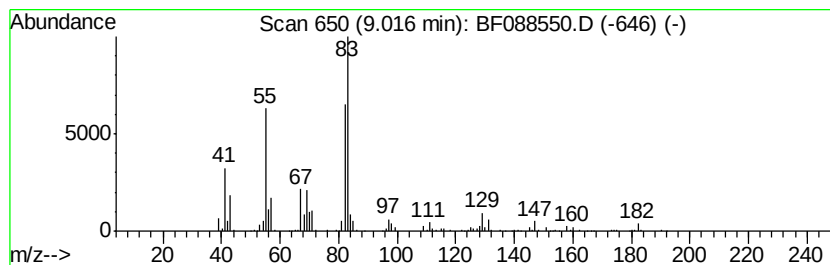
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	21.94 ng	1437760	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	87
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
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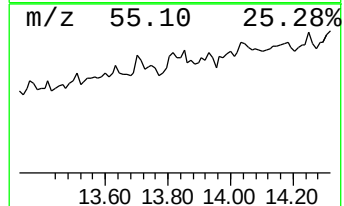
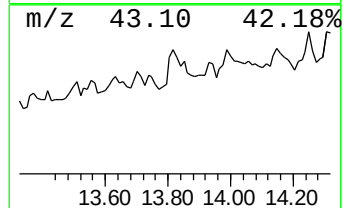
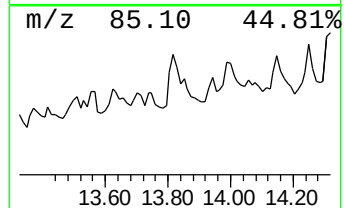
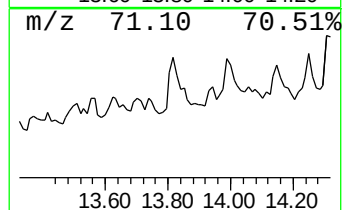
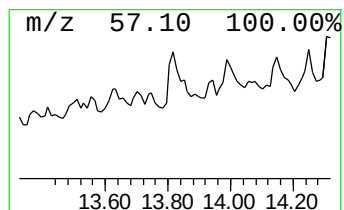
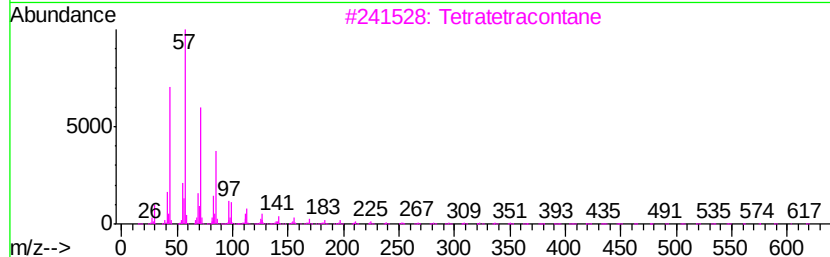
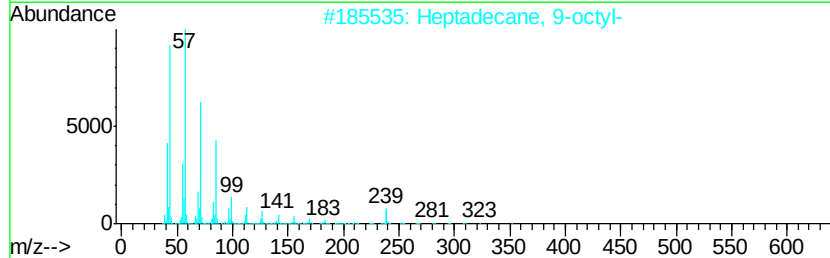
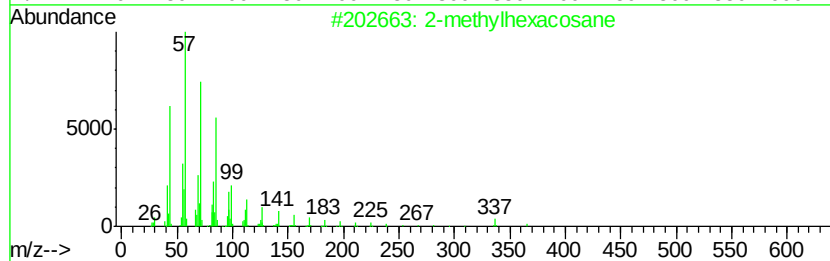
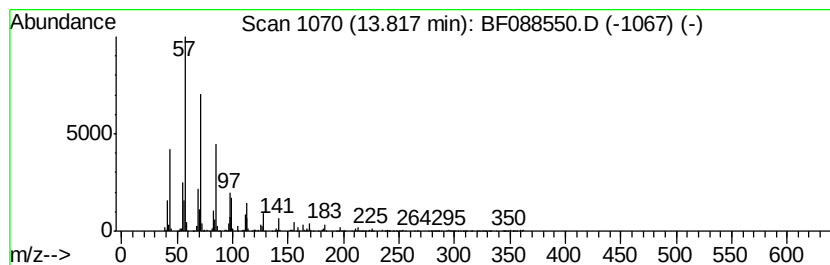
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-methylhexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	20.00 ng	1717930	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methylhexacosane	380	C27H56	1000376-72-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088550.D
Acq On : 1 Jul 2016 1:19
Operator : UM/SJ
Sample : H3630-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

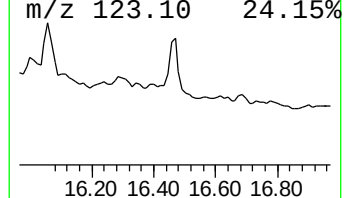
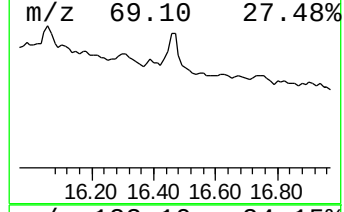
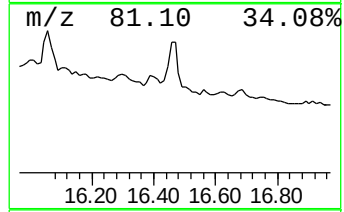
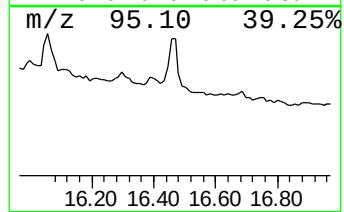
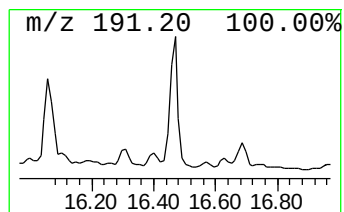
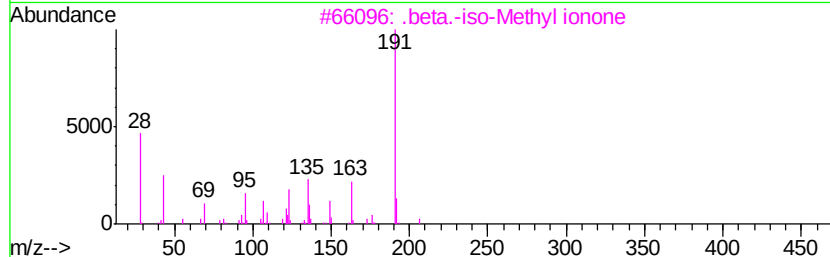
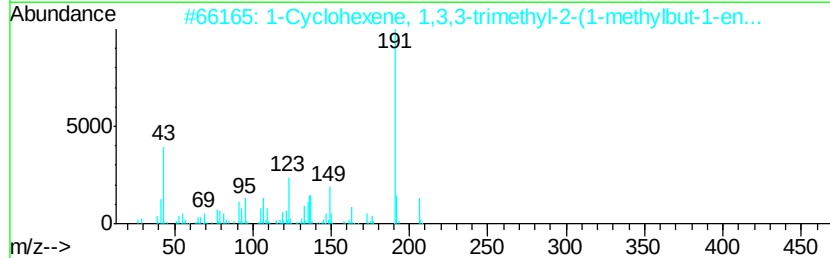
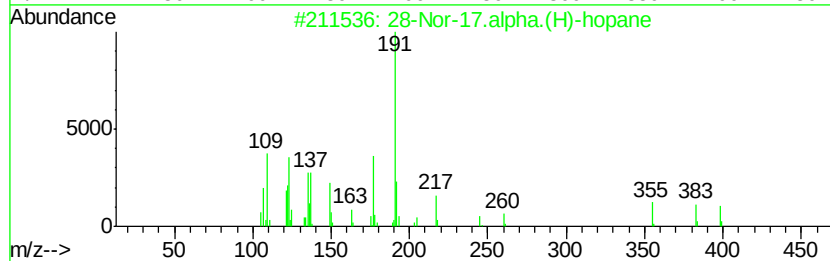
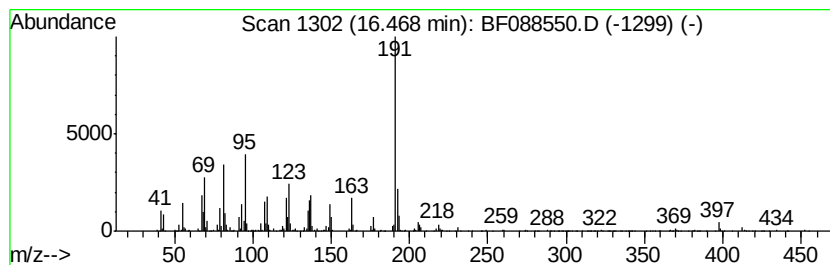
Instrument :
BNA_F
ClientSampleId :
B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	20.00 ng	1555760	Perylene-d12	15.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	56
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	53
3	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	52
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	46
5	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088550.D
 Acq On : 1 Jul 2016 1:19
 Operator : UM/SJ
 Sample : H3630-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01N-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.07	6.07	19.6	ng	3987060	1	6.82	4059340	20.0
Heptane, 2,3,4-tr...	6.33	18.6	ng	3783610	1	6.82	4059340	20.0
2-Octene, 2,6-dim...	6.35	21.3	ng	4326280	1	6.82	4059340	20.0
unknown6.50	6.50	15.1	ng	3063560	1	6.82	4059340	20.0
Ethanone, 1-(1-me...	6.57	33.8	ng	6849680	1	6.82	4059340	20.0
unknown6.67	6.67	15.2	ng	3080680	1	6.82	4059340	20.0
unknown6.98	6.98	34.2	ng	6935040	1	6.82	4059340	20.0
Decane, 5-methyl-	7.11	16.7	ng	3382070	1	6.82	4059340	20.0
Naphthalene, deca...	7.22	15.2	ng	3093620	1	6.82	4059340	20.0
unknown7.47	7.47	19.1	ng	2969560	2	8.10	3112840	20.0
unknown7.54	7.54	21.3	ng	3308630	2	8.10	3112840	20.0
Benzene, 1,2,4,5-...	7.60	18.5	ng	2879510	2	8.10	3112840	20.0
1-Methyldecahydro...	7.75	31.7	ng	4926970	2	8.10	3112840	20.0
o-Cymene	7.85	20.1	ng	3120070	2	8.10	3112840	20.0
unknown8.40	8.40	22.0	ng	3427040	2	8.10	3112840	20.0
Heptylcyclohexane	9.02	21.9	ng	1437760	3	9.85	1310530	20.0
2-methylhexacosane	13.82	20.0	ng	1717930	5	13.95	1717930	20.0
28-Nor-17.alpha.(...	16.47	20.0	ng	1555760	6	15.37	1555760	20.0