

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082690.D
 Acq On : 4 Nov 2015 8:13
 Operator : UM/IZ
 Sample : G4241-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-117(3)

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-BF103015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.059	257	260	263	rBV	1617476	2514366	14.31%	0.759%
2	5.481	294	297	299	rVB	4483583	5098020	29.02%	1.538%
3	5.733	317	319	322	rVB2	244848	359505	2.05%	0.108%
4	5.904	330	334	336	rBV2	538509	802088	4.57%	0.242%
5	5.962	336	339	340	rBV2	321917	511135	2.91%	0.154%
6	6.042	343	346	348	rVB2	1183180	1251823	7.13%	0.378%
7	6.087	348	350	353	rBV2	431805	893132	5.08%	0.270%
8	6.144	353	355	358	rVB2	1938775	3010666	17.14%	0.909%
9	6.202	358	360	361	rBV	1607047	1830779	10.42%	0.552%
10	6.236	361	363	368	rVB2	522918	1531248	8.72%	0.462%
11	6.327	368	371	373	rBV2	1440184	2113060	12.03%	0.638%
12	6.373	373	375	376	rBV2	409815	489287	2.79%	0.148%
13	6.396	376	377	378	rBV	1772872	1305341	7.43%	0.394%
14	6.419	378	379	383	rVB3	1597398	2831069	16.12%	0.854%
15	6.510	383	387	389	rBV2	4070581	6869353	39.10%	2.073%
16	6.567	389	392	393	rVB2	888523	1244097	7.08%	0.375%
17	6.647	396	399	403	rBV2	5014668	9764855	55.59%	2.947%
18	6.716	403	405	406	rVB	2153132	1581957	9.01%	0.477%
19	6.750	406	408	410	rVB	1058880	1259350	7.17%	0.380%
20	6.842	410	416	417	rBV4	793093	1758475	10.01%	0.531%
21	6.887	417	420	421	rBV2	1536791	1923420	10.95%	0.580%
22	6.922	421	423	424	rVB	3790195	4311139	24.54%	1.301%
23	6.944	424	425	428	rBV3	1391348	2397272	13.65%	0.723%
24	7.013	428	431	432	rBV2	846916	1795187	10.22%	0.542%
25	7.047	432	434	436	rVB	6497850	6462545	36.79%	1.950%
26	7.082	436	437	438	rVB	1323524	907276	5.16%	0.274%
27	7.139	438	442	443	rBV3	929407	2172529	12.37%	0.656%
28	7.173	443	445	447	rVB2	2039498	3010114	17.13%	0.908%
29	7.207	447	448	450	rBV2	2201888	2217072	12.62%	0.669%
30	7.242	450	451	453	rVB	1242316	1193761	6.80%	0.360%
31	7.287	453	455	457	rBV	2912777	2725081	15.51%	0.822%
32	7.379	460	463	465	rBV3	363547	705768	4.02%	0.213%
33	7.447	465	469	471	rBV3	3777015	7116801	40.51%	2.148%
34	7.539	475	477	479	rVB2	1449281	2395034	13.63%	0.723%

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35	7.585	479	481	482	rBV2	496316	919999	5.24%	0.278%
36	7.607	482	483	485	rVB	939804	1030033	5.86%	0.311%
37	7.665	485	488	489	rBV2	688044	946120	5.39%	0.286%
38	7.687	489	490	493	rVB2	1900618	2670056	15.20%	0.806%
39	7.802	496	500	501	rBV3	1489778	2158418	12.29%	0.651%
40	7.870	504	506	507	rBV	1109785	1164874	6.63%	0.352%
41	7.905	507	509	511	rBV2	1056455	1599351	9.10%	0.483%
42	7.939	511	512	514	rVB2	1139021	1171556	6.67%	0.354%
43	7.985	514	516	517	rBV	930091	770781	4.39%	0.233%
44	8.053	520	522	523	rBV	545287	808049	4.60%	0.244%
45	8.087	523	525	526	rVB2	380626	358829	2.04%	0.108%
46	8.133	526	529	530	rBV3	915281	1533337	8.73%	0.463%
47	8.167	530	532	533	rBV	2259256	2309437	13.15%	0.697%
48	8.247	538	539	541	rBV	1891102	1749834	9.96%	0.528%
49	8.350	545	548	549	rBV	679692	1249810	7.11%	0.377%
50	8.385	549	551	553	rBV3	317563	437541	2.49%	0.132%
51	8.419	553	554	555	rVB	527369	361775	2.06%	0.109%
52	8.476	555	559	563	rBV3	1912922	4546795	25.88%	1.372%
53	8.533	563	564	566	rVB	1549065	1097512	6.25%	0.331%
54	8.567	566	567	569	rBV2	1427874	1575330	8.97%	0.475%
55	8.613	569	571	576	rVB	4305193	6179421	35.18%	1.865%
56	8.693	576	578	579	rBV	1039133	1469418	8.36%	0.443%
57	8.739	579	582	584	rBV4	1190527	2123454	12.09%	0.641%
58	8.785	584	586	588	rBV2	1084147	2400883	13.67%	0.725%
59	8.842	588	591	593	rBV3	927462	2001355	11.39%	0.604%
60	8.888	593	595	597	rVB2	2531993	3069170	17.47%	0.926%
61	8.933	597	599	601	rBV3	667729	1102423	6.28%	0.333%
62	8.990	601	604	608	rBV4	3167660	5335380	30.37%	1.610%
63	9.070	608	611	612	rBV	2471231	3341436	19.02%	1.008%
64	9.093	612	613	617	rVB3	2181992	3883997	22.11%	1.172%
65	9.162	617	619	620	rBV2	730477	1022296	5.82%	0.308%
66	9.196	620	622	623	rBV	1354692	1822334	10.37%	0.550%
67	9.219	623	624	626	rVB	4547317	3800824	21.64%	1.147%
68	9.253	626	627	630	rVB	4177273	4051842	23.06%	1.223%
69	9.310	630	632	633	rBV2	690961	1369487	7.80%	0.413%
70	9.368	633	637	639	rBV3	2916739	6049052	34.43%	1.825%
71	9.459	644	645	648	rVB2	2178623	3290078	18.73%	0.993%

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72	9.528	648	651	654	rBV2	2735567	6996737	39.83%	2.111%
73	9.608	654	658	661	rBV5	4481961	13172208	74.98%	3.975%
74	9.688	661	665	666	rBV2	9384012	12190992	69.40%	3.679%
75	9.710	666	667	671	rVB2	2577614	3770899	21.47%	1.138%
76	9.802	671	675	676	rBV3	1613942	3541489	20.16%	1.069%
77	9.859	679	680	682	rBV	2403677	2871861	16.35%	0.867%
78	9.928	685	686	689	rBV2	3632744	5602988	31.89%	1.691%
79	9.973	689	690	691	rBV	2230566	1713749	9.76%	0.517%
80	10.122	701	703	704	rBV2	1877631	3080728	17.54%	0.930%
81	10.156	704	706	707	rVV	4065824	4489764	25.56%	1.355%
82	10.191	707	709	710	rVV2	2118937	2320647	13.21%	0.700%
83	10.225	710	712	714	rVB	4852766	4723788	26.89%	1.425%
84	10.271	714	716	717	rBV2	1663612	2274103	12.95%	0.686%
85	10.522	734	738	739	rBV4	2279477	5396421	30.72%	1.628%
86	10.556	739	741	743	rVB2	1864554	2154580	12.26%	0.650%
87	10.625	744	747	749	rBV	8606607	11552806	65.76%	3.486%
88	10.739	754	757	759	rVB4	2897164	4398145	25.04%	1.327%
89	10.899	767	771	774	rBV	10844293	17567305	100.00%	5.301%
90	11.208	796	798	801	rBV3	2416923	3698095	21.05%	1.116%
91	11.356	808	811	814	rVB	7885876	11097552	63.17%	3.349%
92	11.471	819	821	822	rBV	4504968	5750835	32.74%	1.735%
93	11.711	839	842	845	rVB2	2887256	5792748	32.97%	1.748%
94	12.065	870	873	878	rVB4	2834930	7587358	43.19%	2.290%
95	12.442	904	906	909	rVB2	1995970	3083272	17.55%	0.930%
96	12.511	910	912	914	rBV	2076785	3203579	18.24%	0.967%
97	12.682	926	927	930	rVB	2363354	2453496	13.97%	0.740%
98	12.888	943	945	949	rVB2	2677613	4867596	27.71%	1.469%
99	13.025	956	957	962	rVB	2637590	4270281	24.31%	1.289%
100	14.077	1047	1049	1055	rVB4	2010341	4634034	26.38%	1.398%

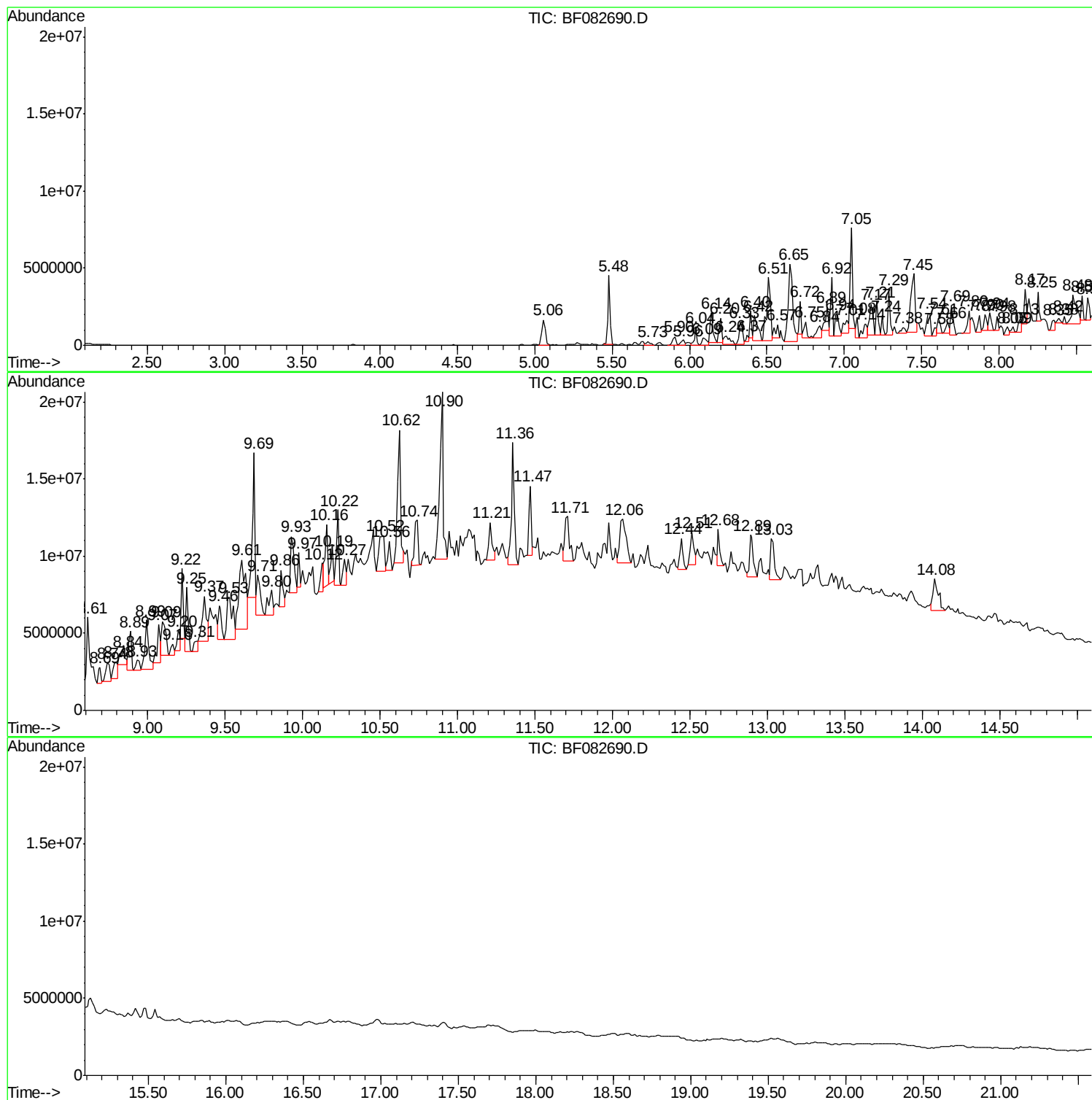
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TP-117(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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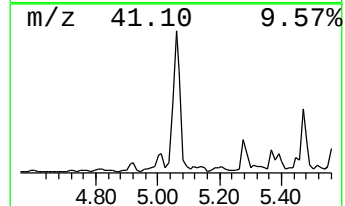
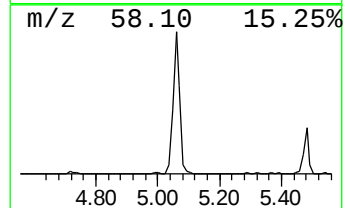
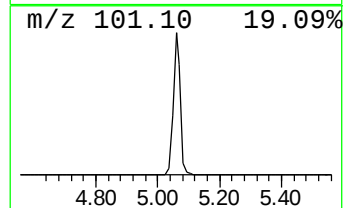
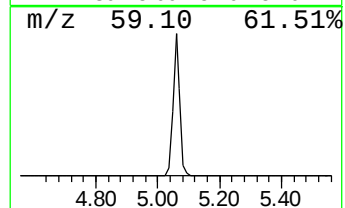
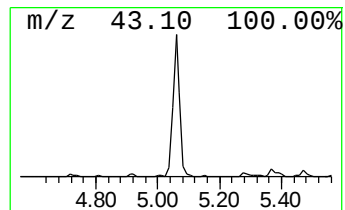
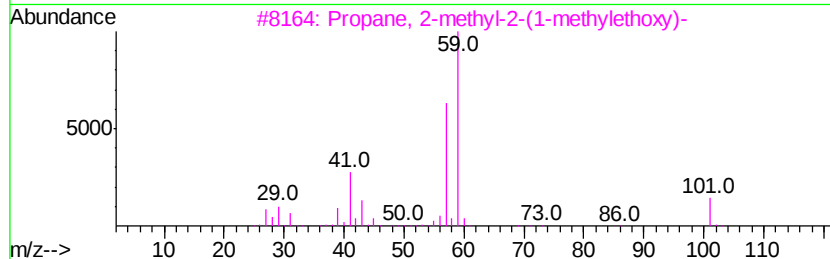
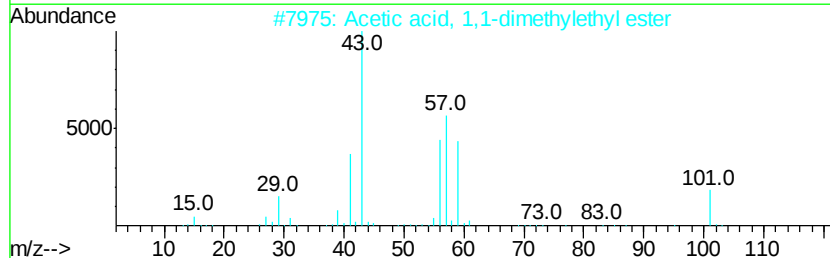
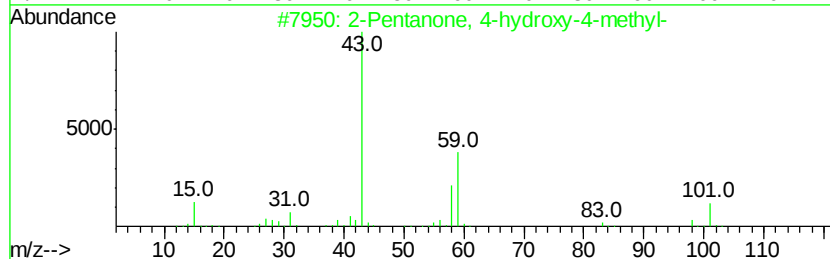
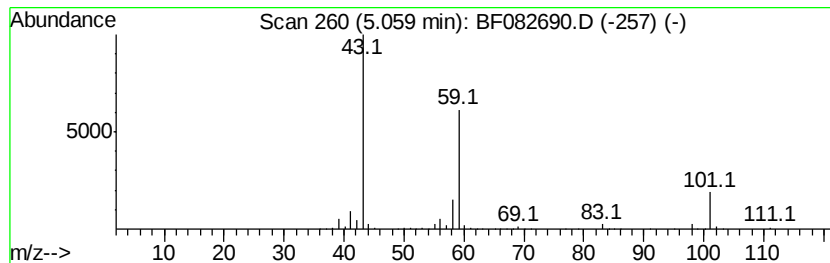
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	26.14 ng	2514370	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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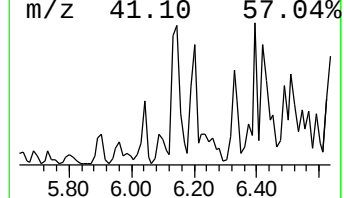
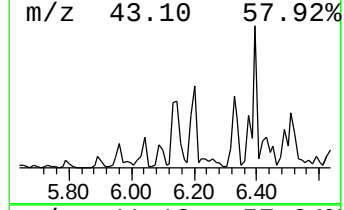
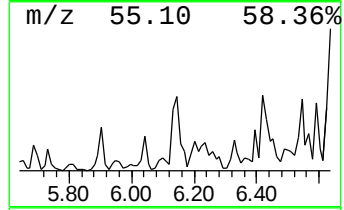
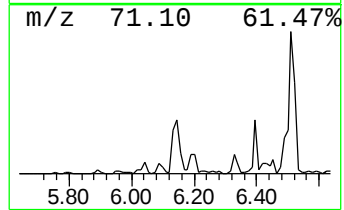
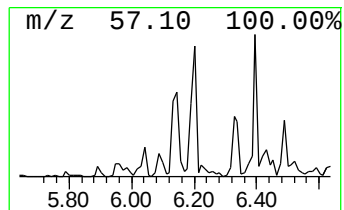
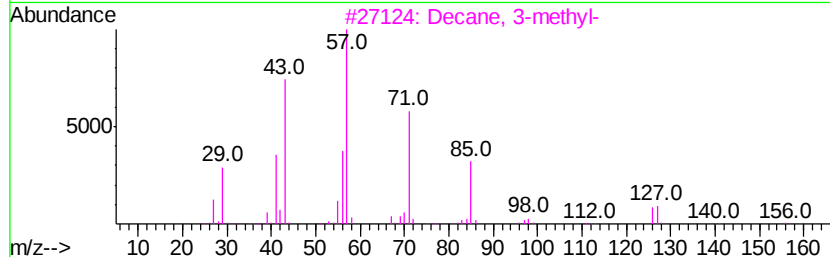
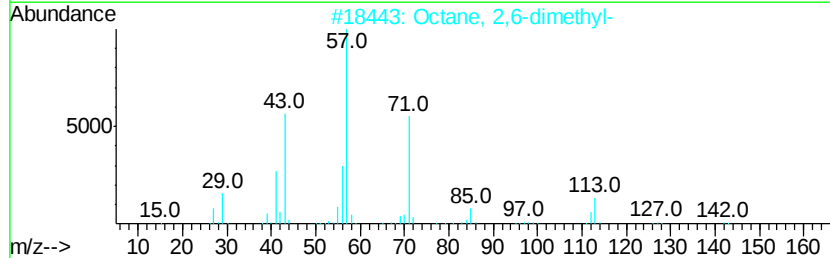
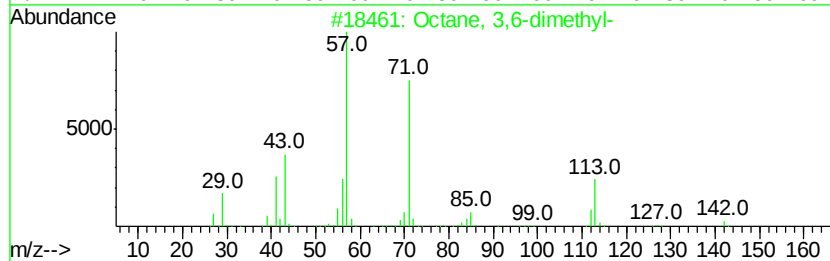
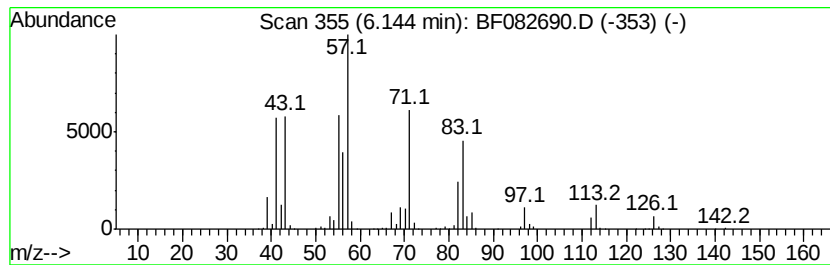
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.14 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	31.31 ng	3010670	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3		Decane, 3-methyl-	156	C11H24	013151-34-3	38
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	38



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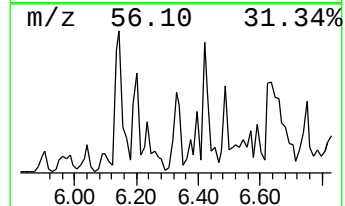
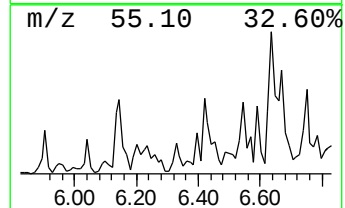
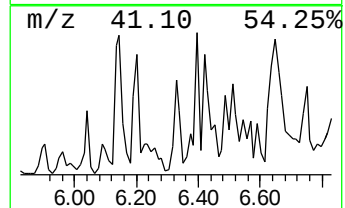
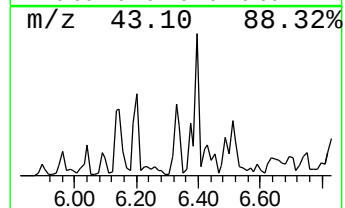
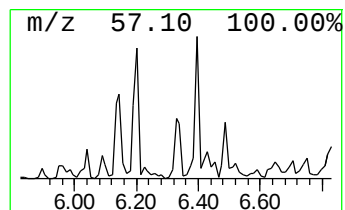
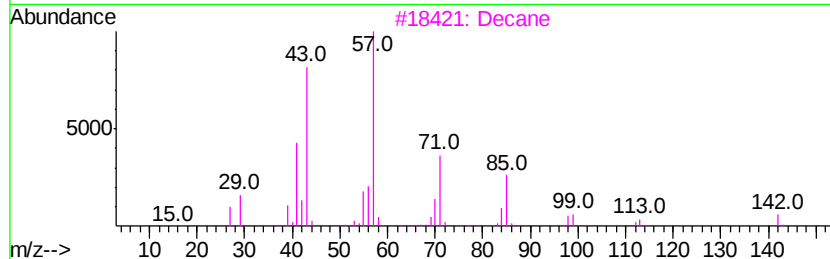
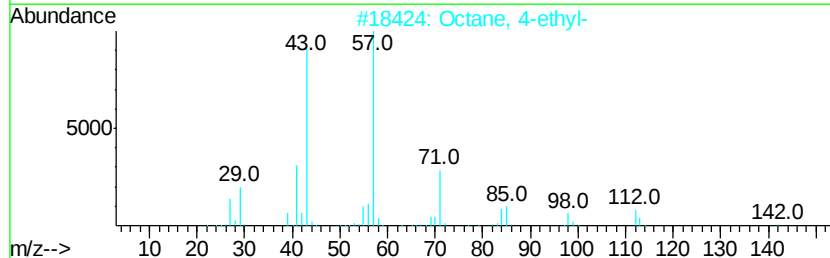
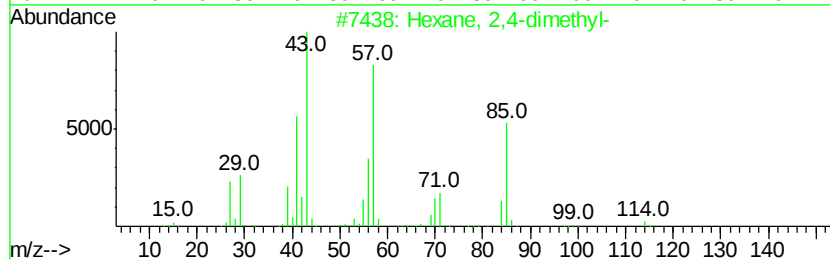
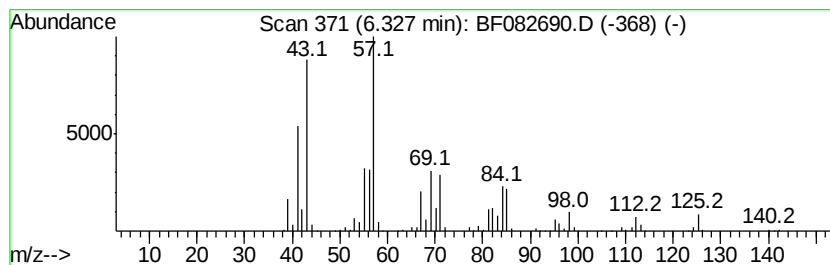
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	21.97 ng	2113060	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3		Decane	142	C10H22	000124-18-5	43
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	43
5		Dotriacontane	451	C32H66	000544-85-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
Operator : UM/IZ
Sample : G4241-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-117(3)

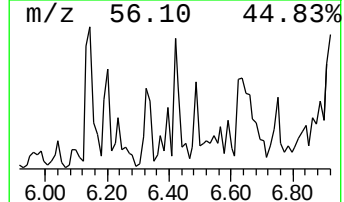
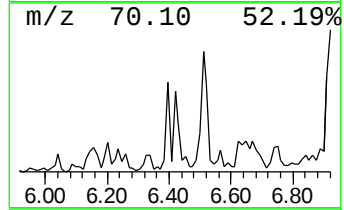
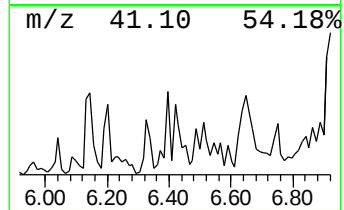
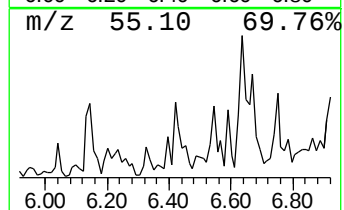
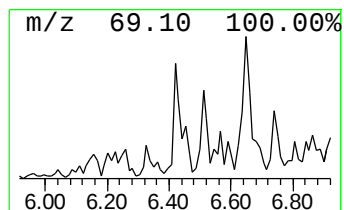
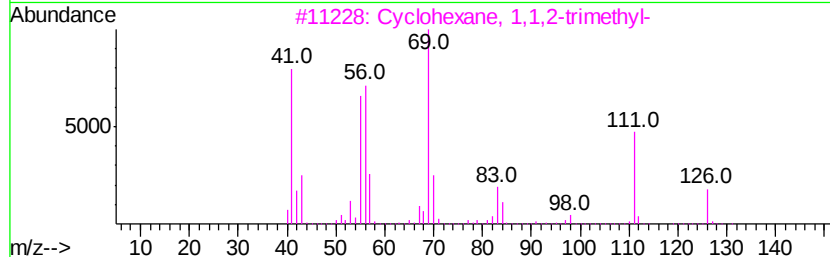
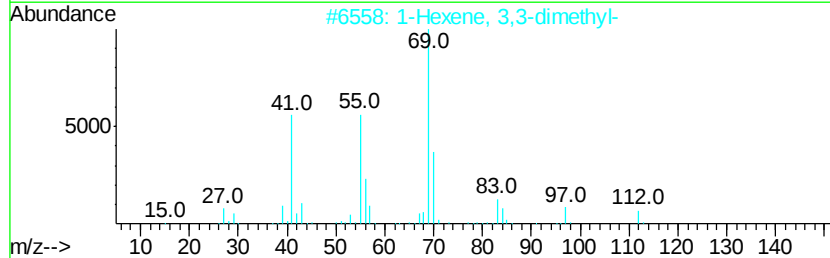
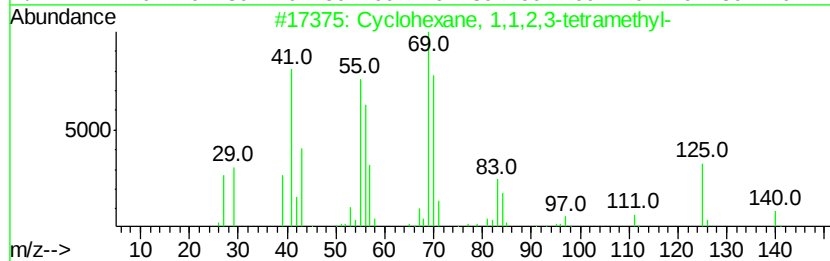
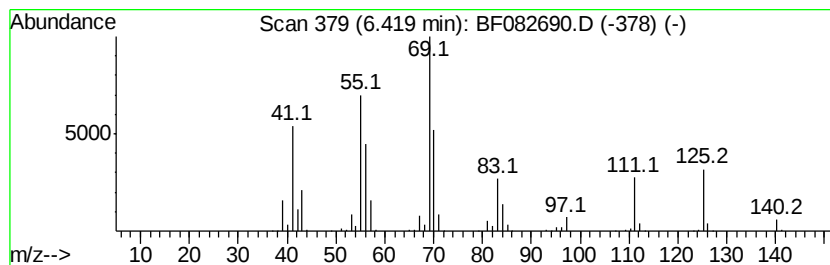
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	29.44 ng	2831070	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	60
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4		1-Decene	140	C10H20	000872-05-9	43
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
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Misc :
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Instrument :
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ClientSampleId :
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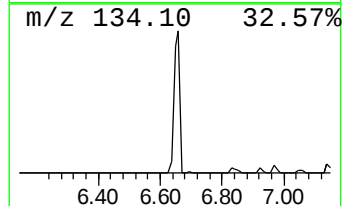
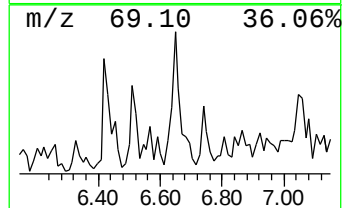
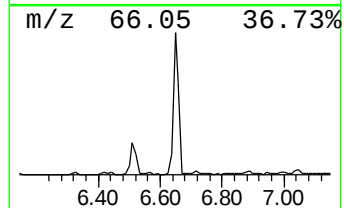
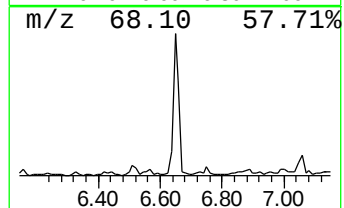
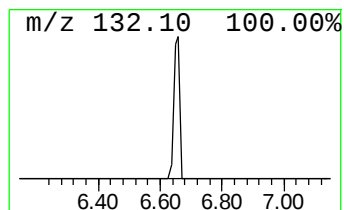
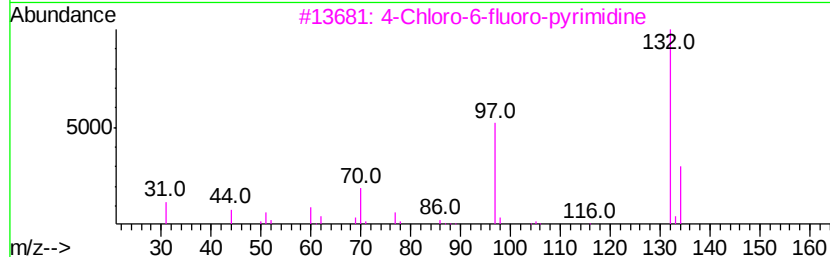
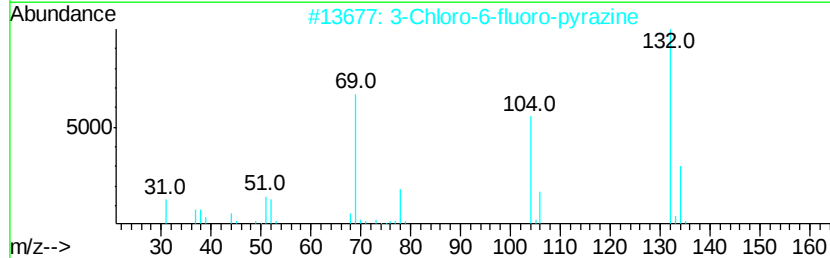
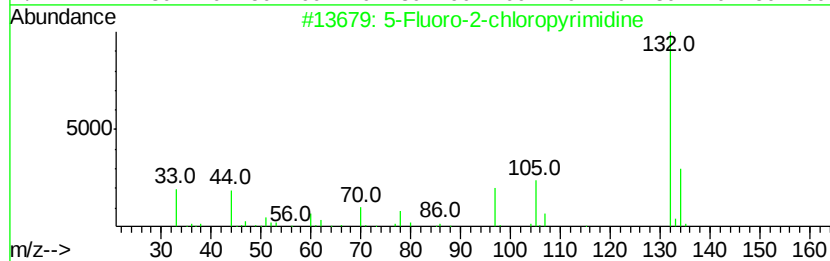
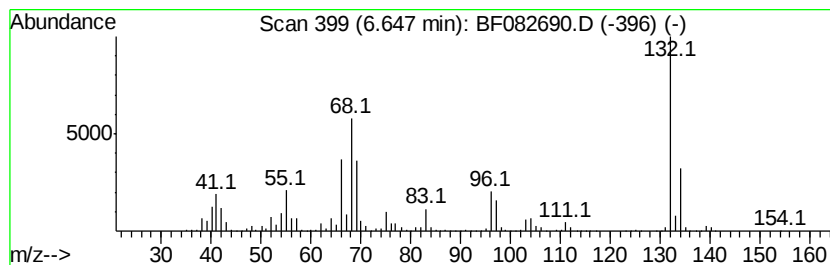
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	101.54 ng	9764860	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	30
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
Operator : UM/IZ
Sample : G4241-02
Misc :
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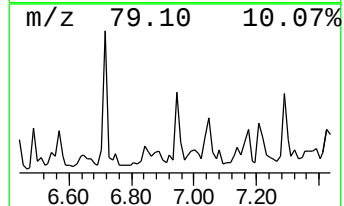
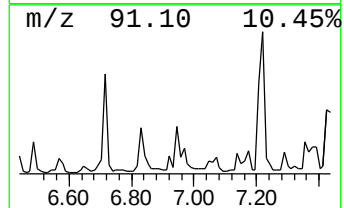
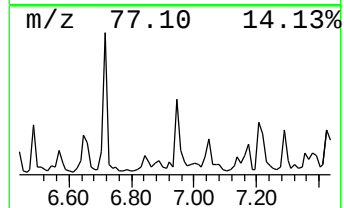
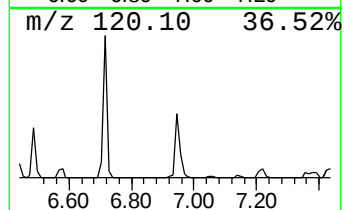
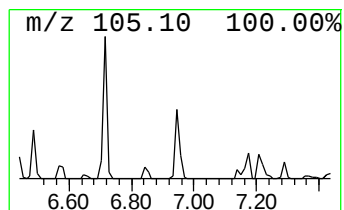
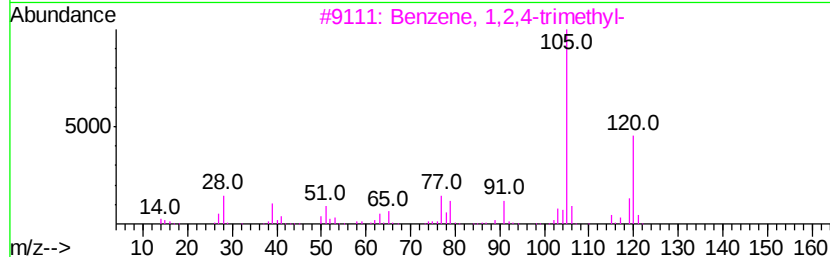
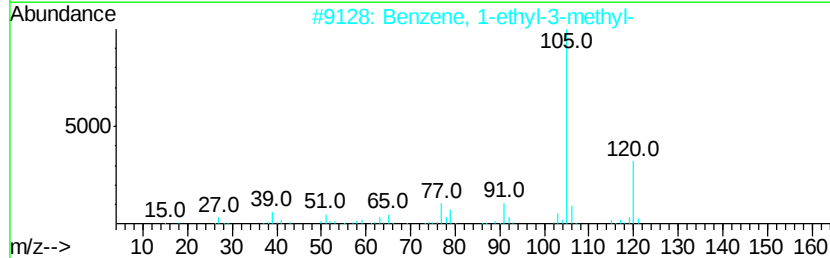
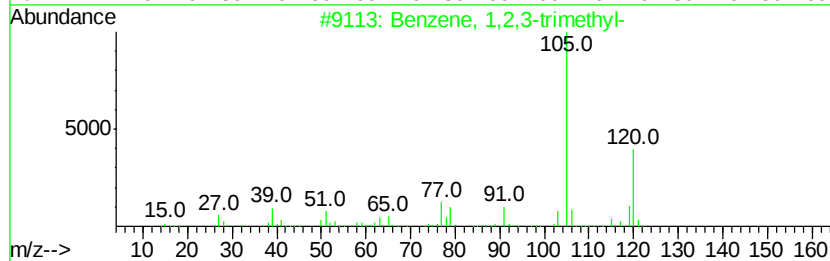
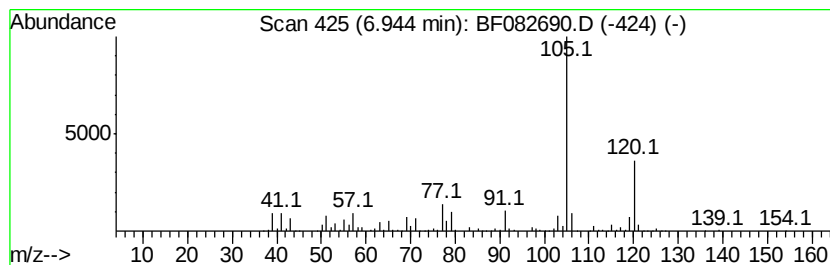
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	24.93 ng	2397270	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
Operator : UM/IZ
Sample : G4241-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

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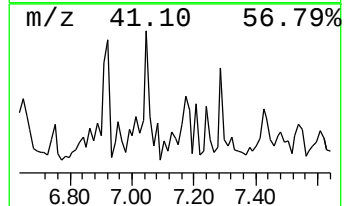
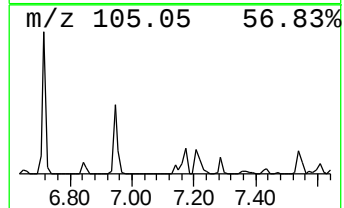
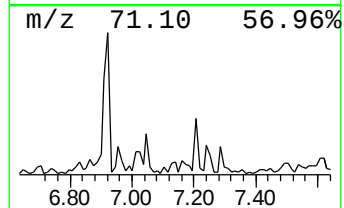
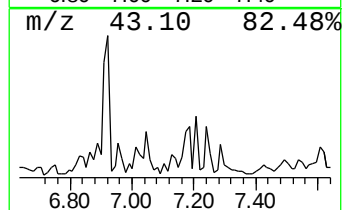
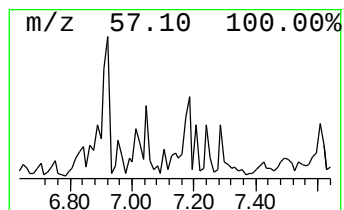
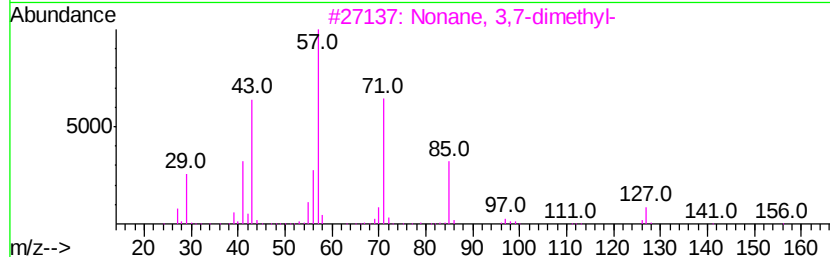
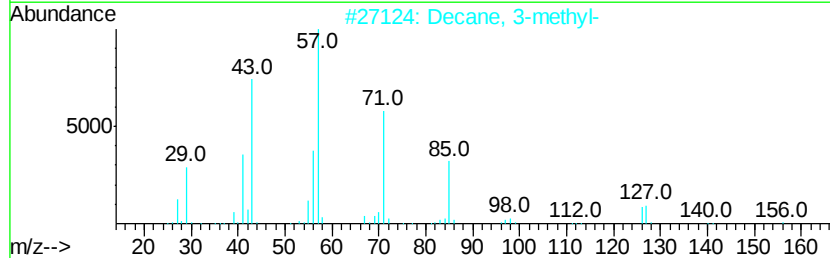
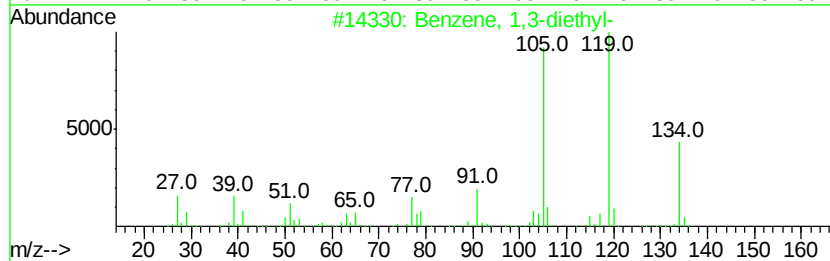
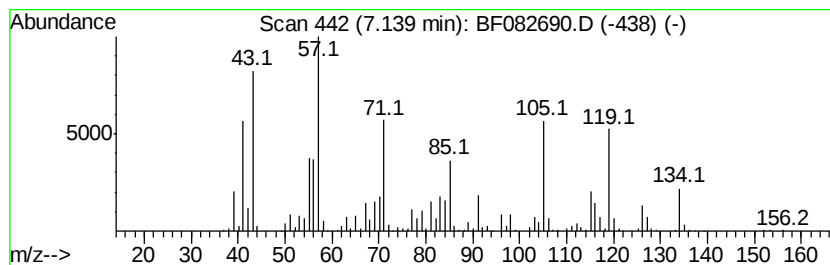
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	22.59 ng	2172530	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	56
2		Decane, 3-methyl-	156	C11H24	013151-34-3	50
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	41
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	35
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
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Misc :
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Instrument :
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TP-117(3)

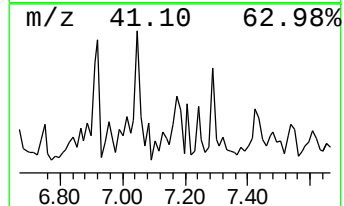
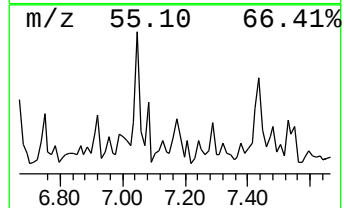
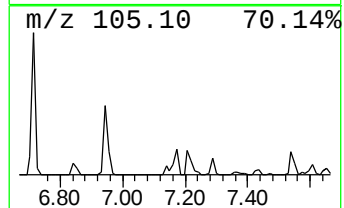
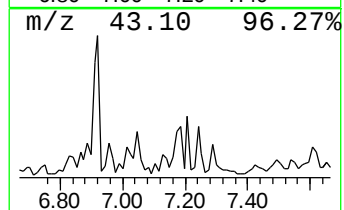
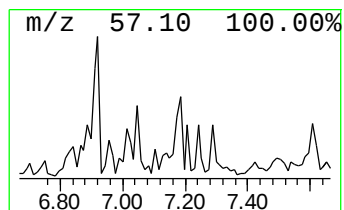
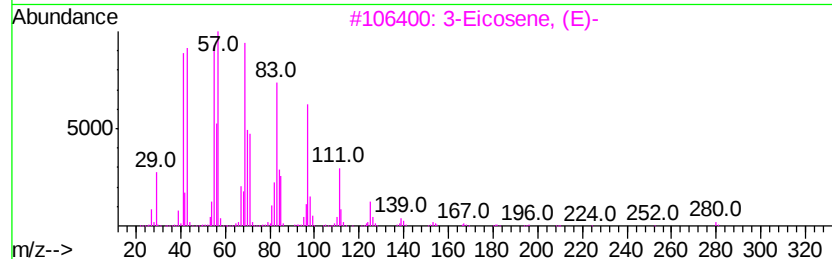
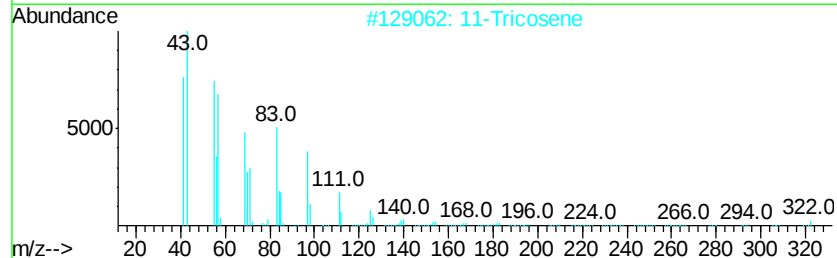
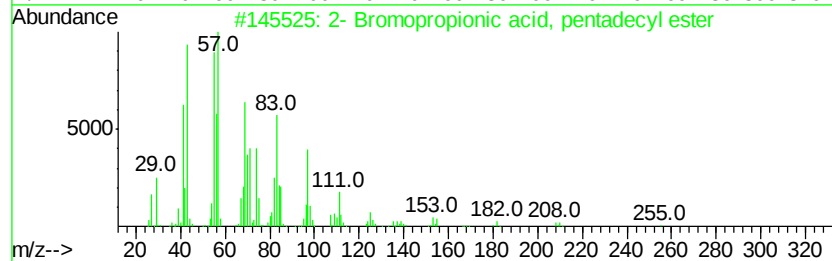
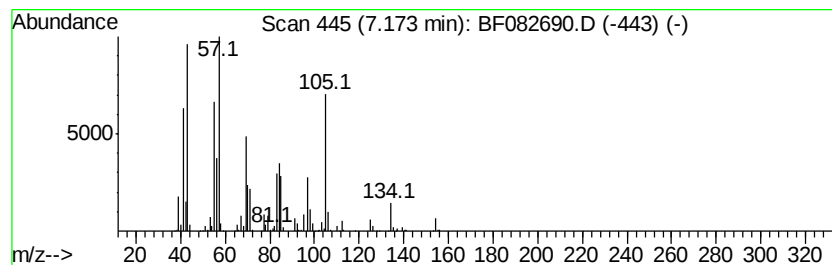
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2- Bromopropionic acid, pen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	31.30 ng	3010110	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	58
2	11-Tricosene	322	C23H46	052078-56-5	53
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
4	Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	52
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
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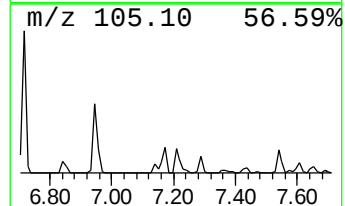
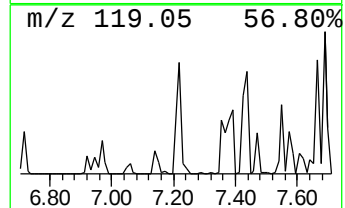
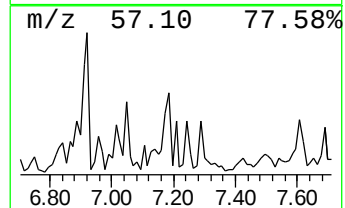
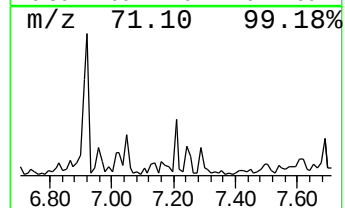
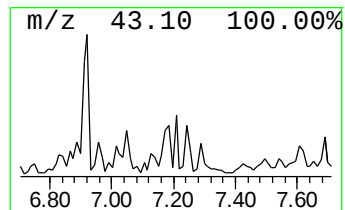
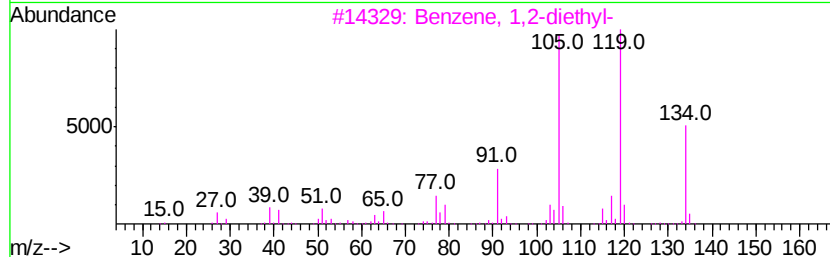
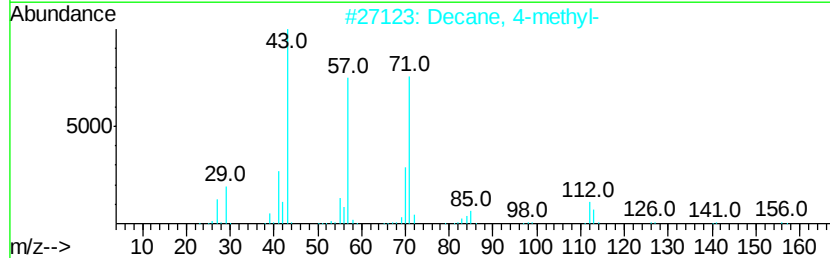
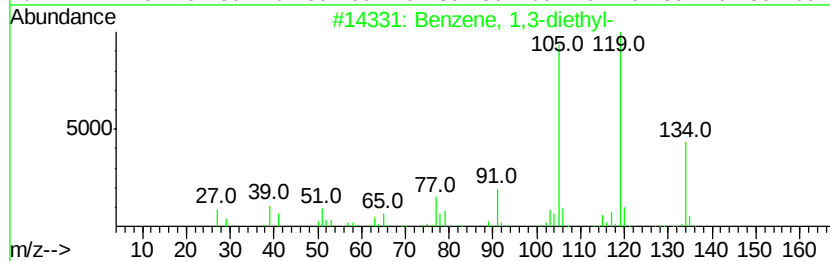
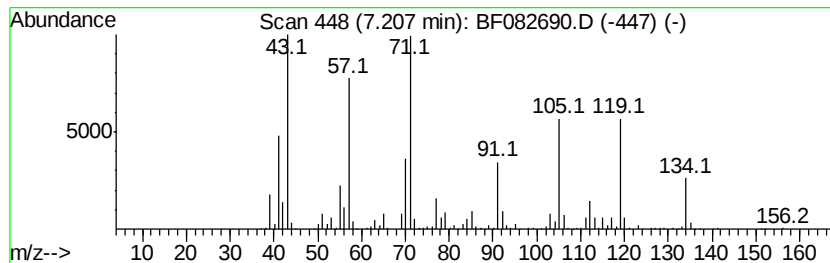
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.21 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	23.05 ng	2217070	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2		Decane, 4-methyl-	156	C11H24	002847-72-5	49
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	35
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	35
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
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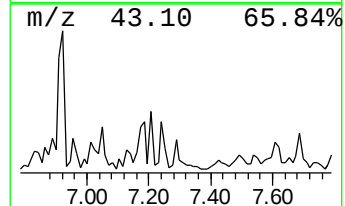
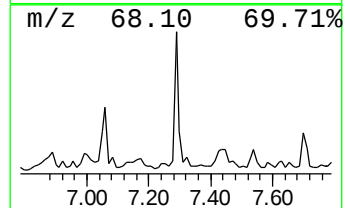
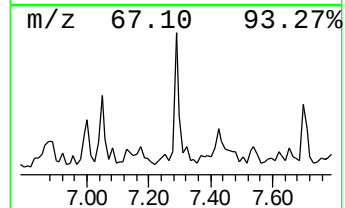
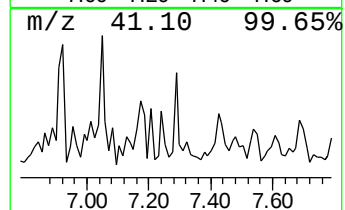
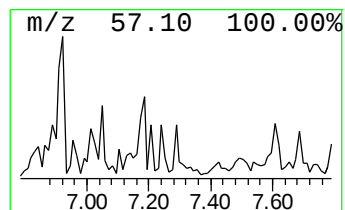
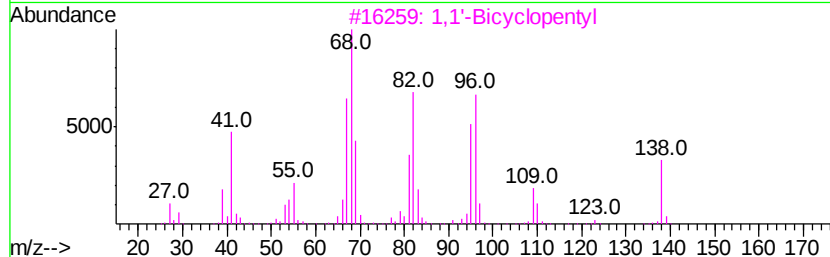
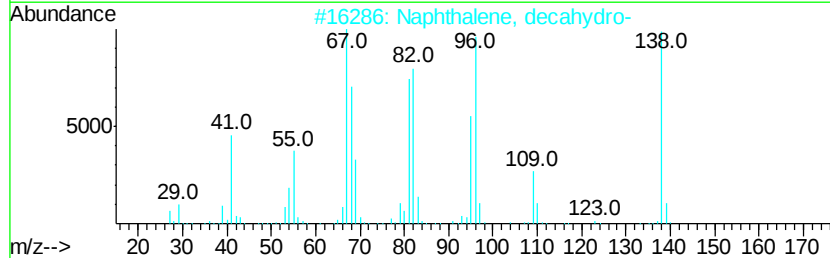
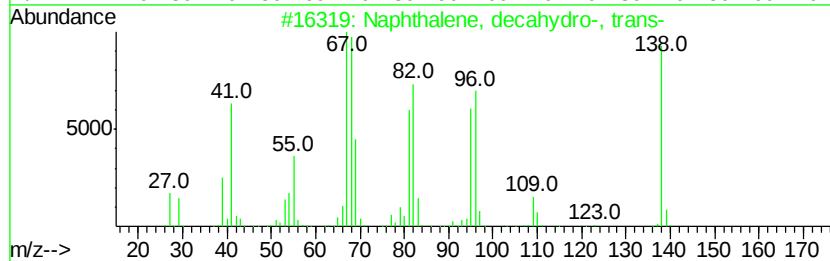
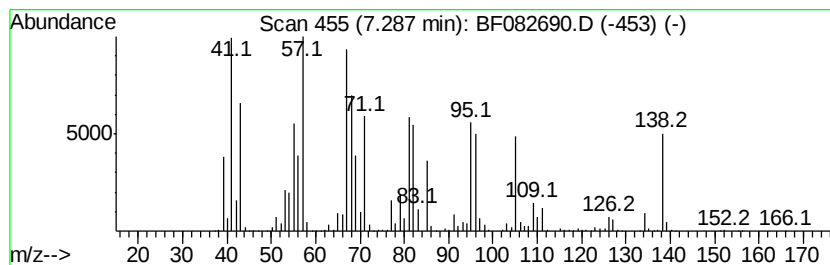
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	28.34 ng	2725080	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	78
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
Operator : UM/IZ
Sample : G4241-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

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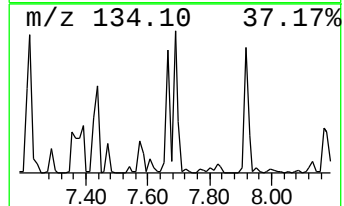
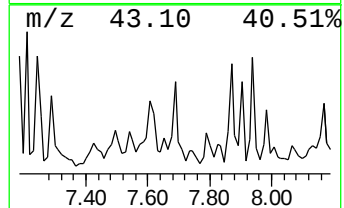
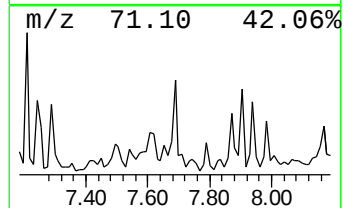
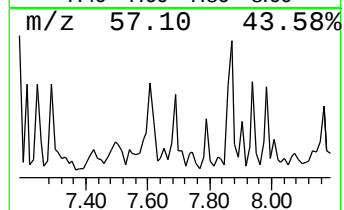
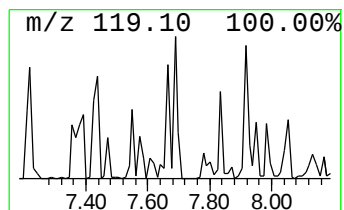
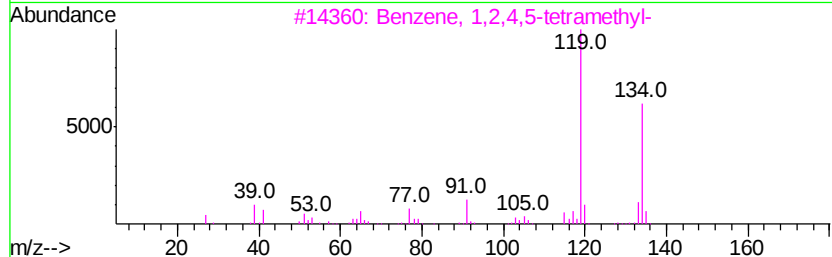
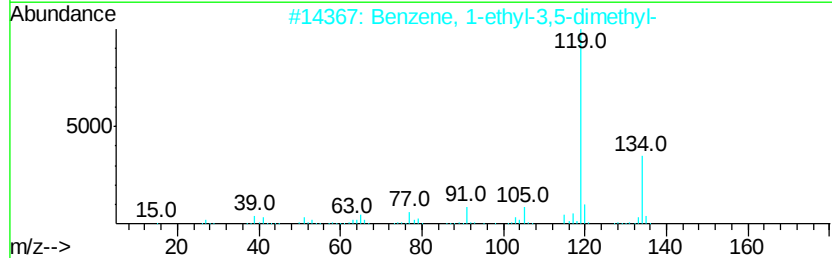
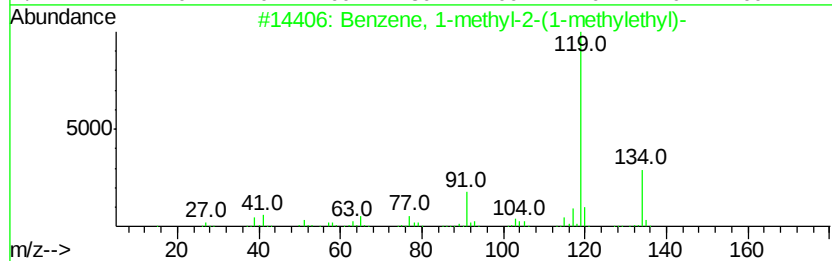
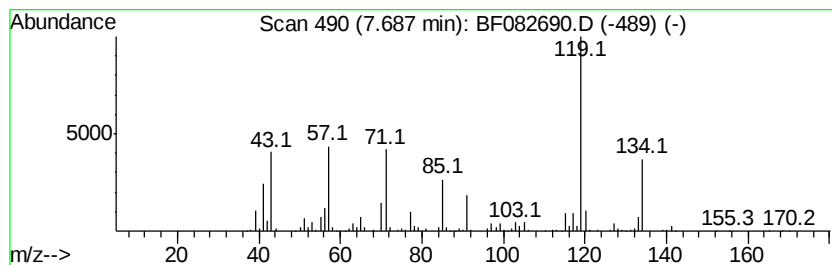
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	23.12 ng	2670060	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
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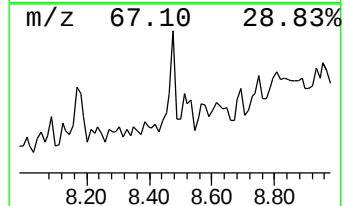
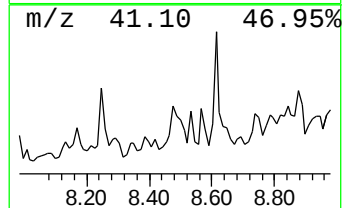
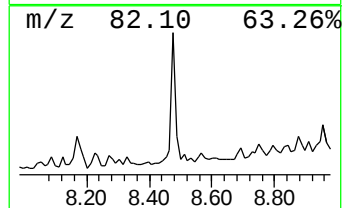
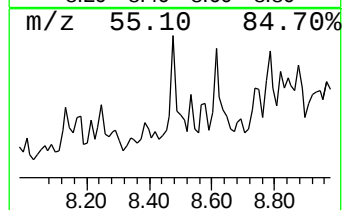
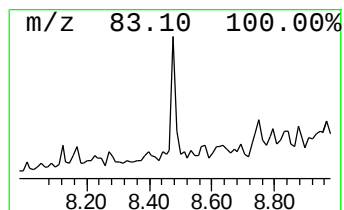
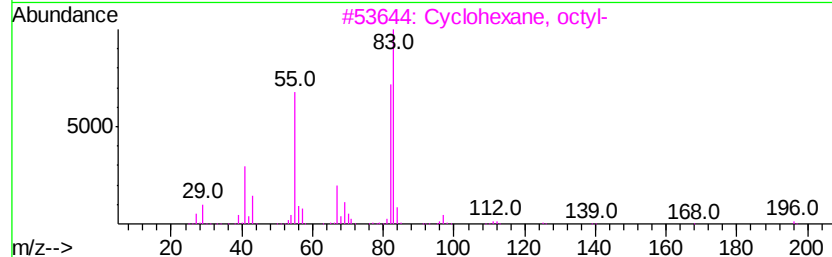
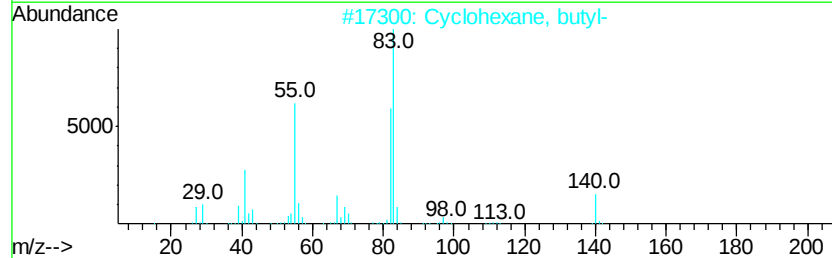
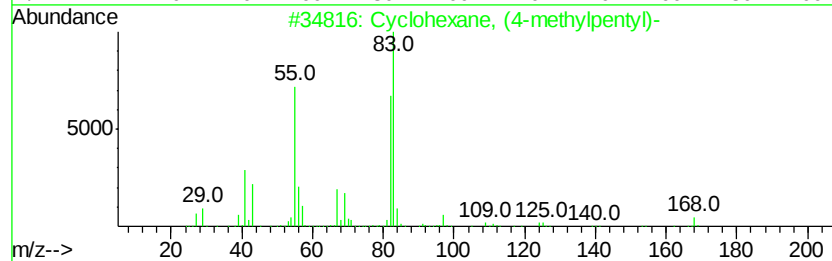
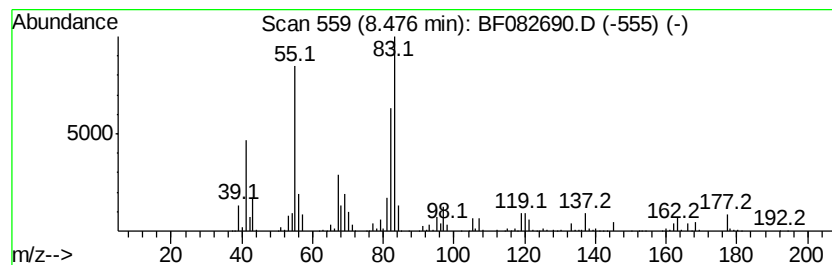
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	39.38 ng	4546800	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
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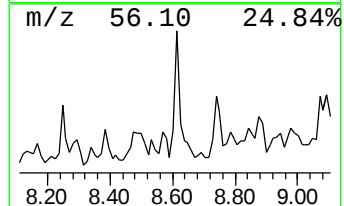
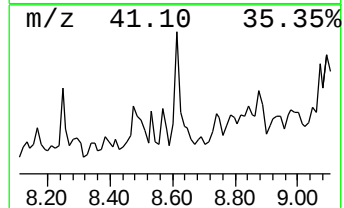
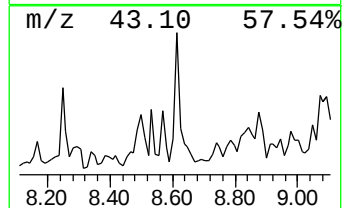
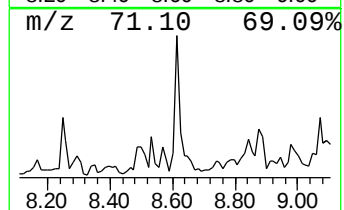
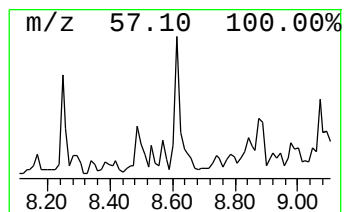
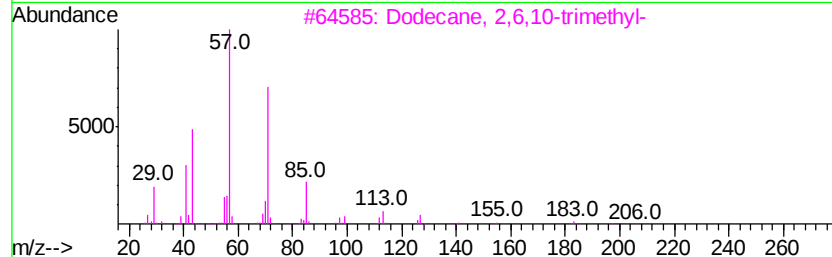
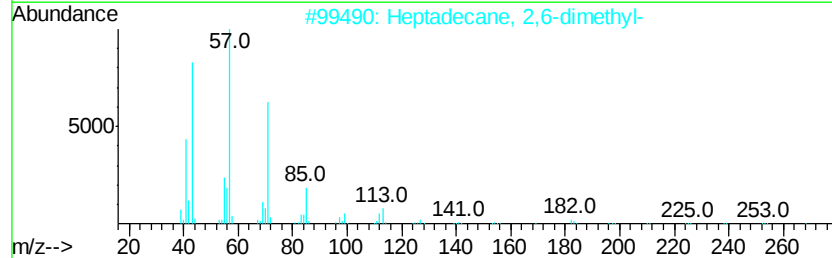
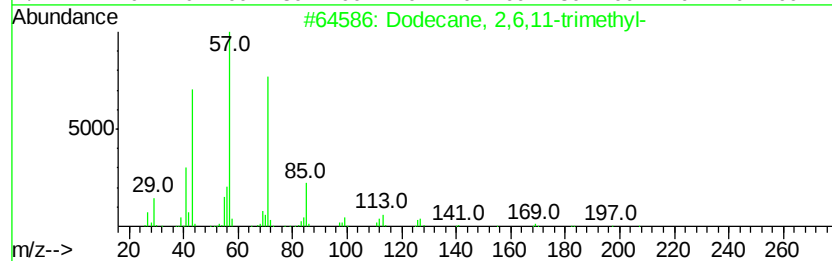
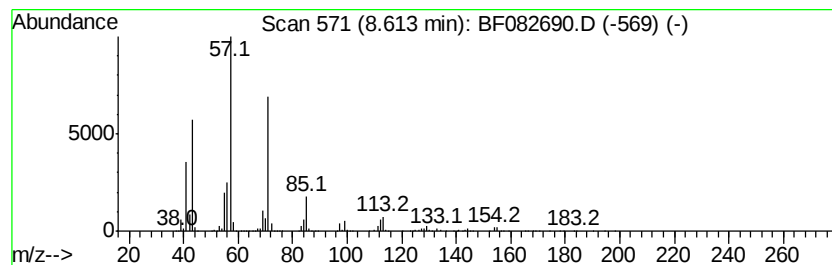
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	53.51 ng	6179420	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
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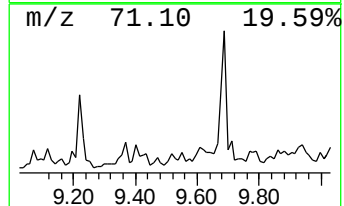
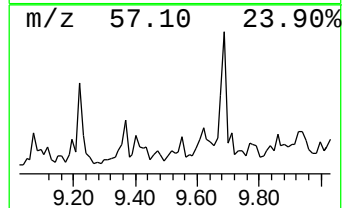
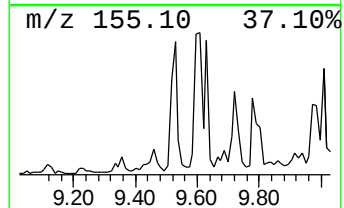
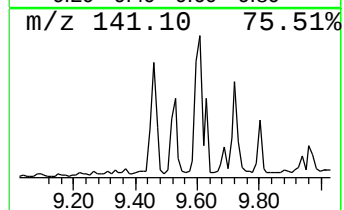
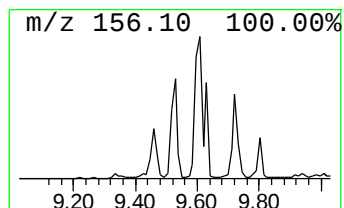
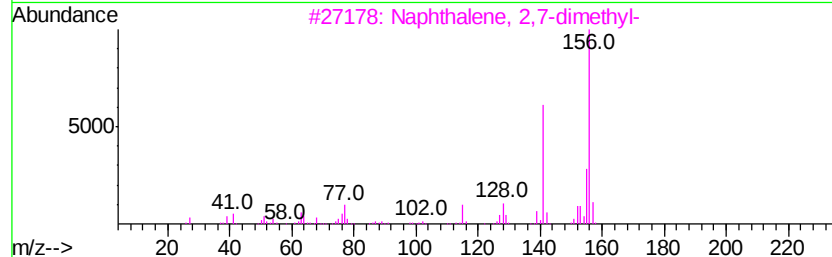
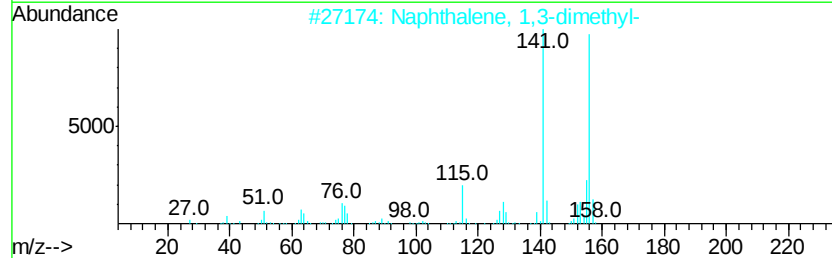
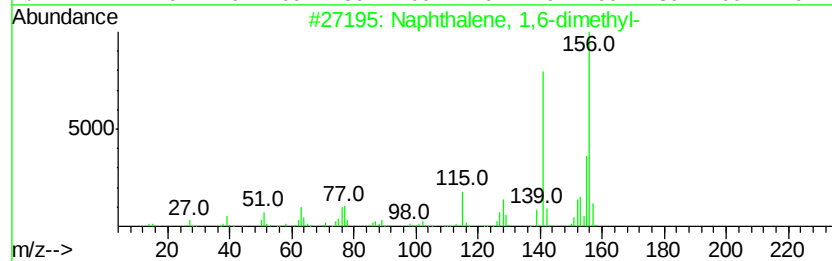
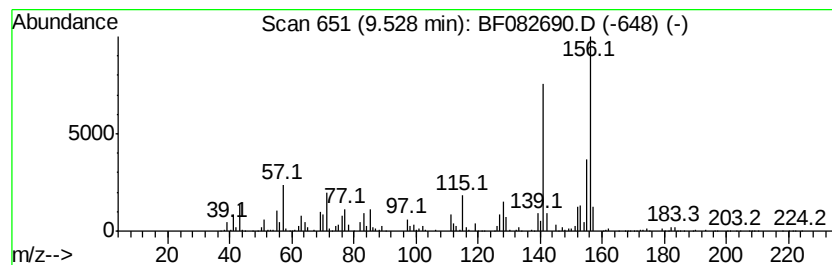
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	24.98 ng	6996740	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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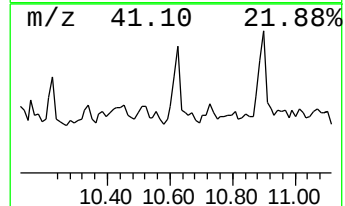
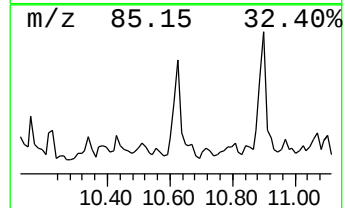
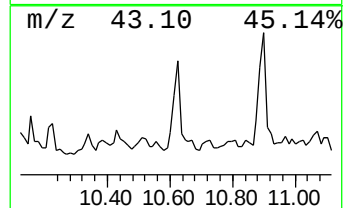
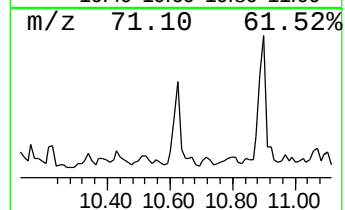
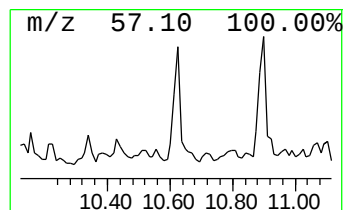
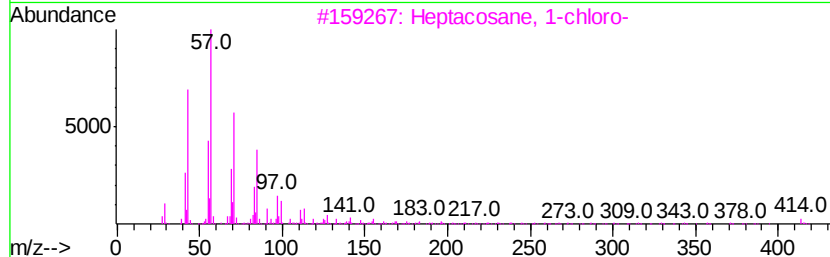
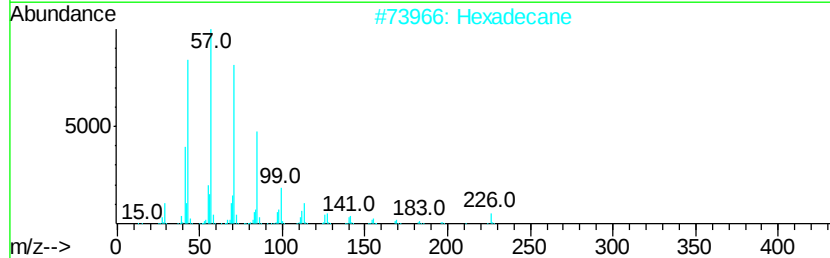
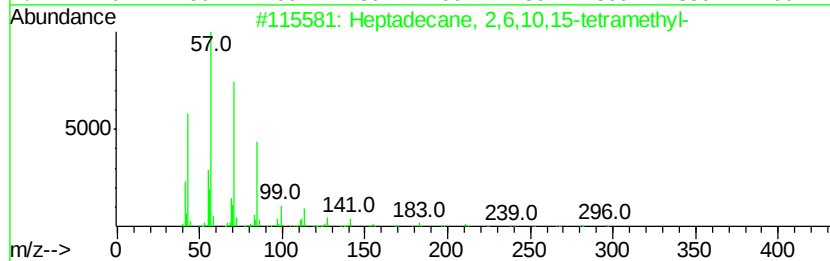
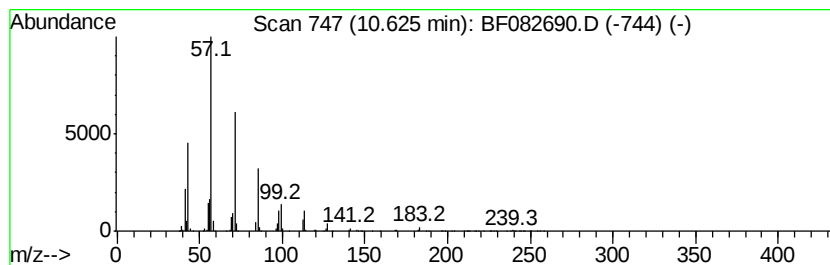
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	41.24 ng	11552800	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			Hexadecane	226	C16H34	000544-76-3	80
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
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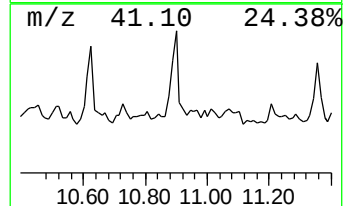
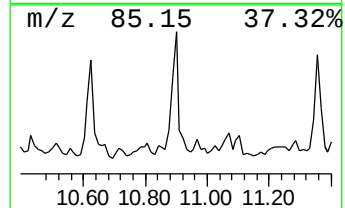
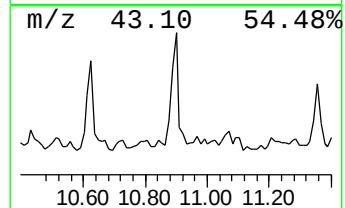
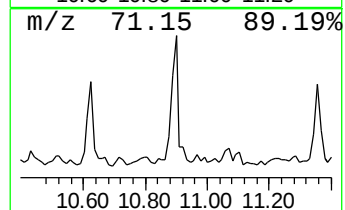
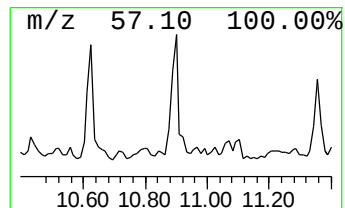
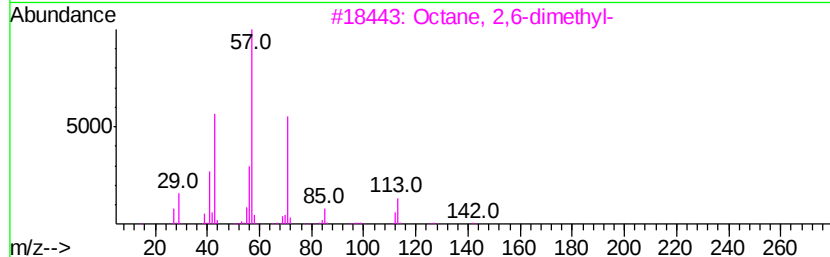
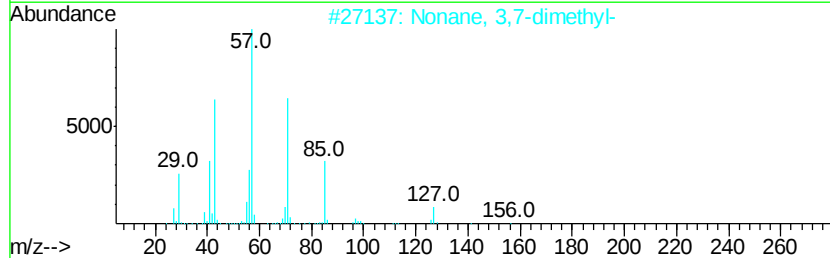
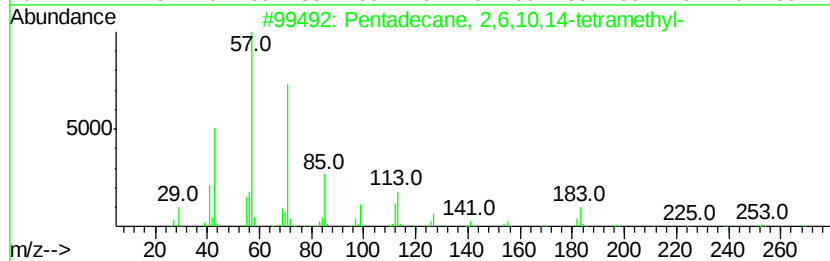
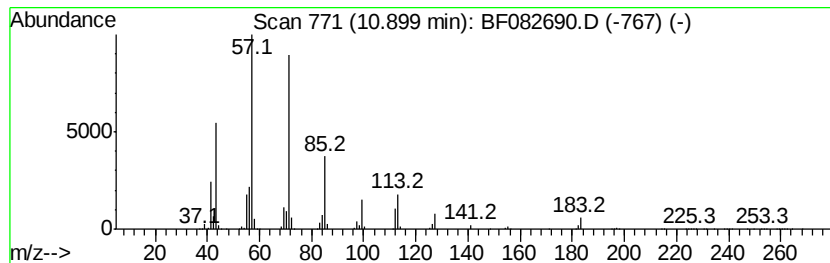
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	61.09 ng	17567300	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	53



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Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
TP-117(3)

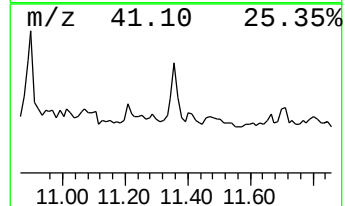
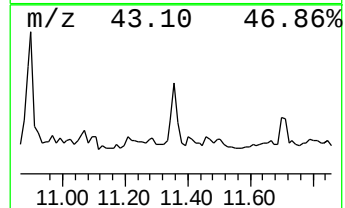
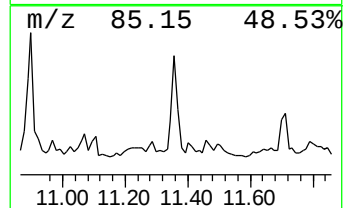
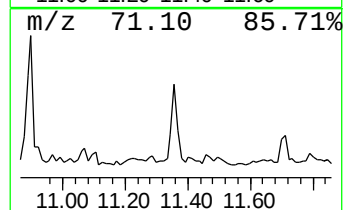
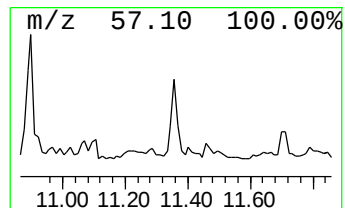
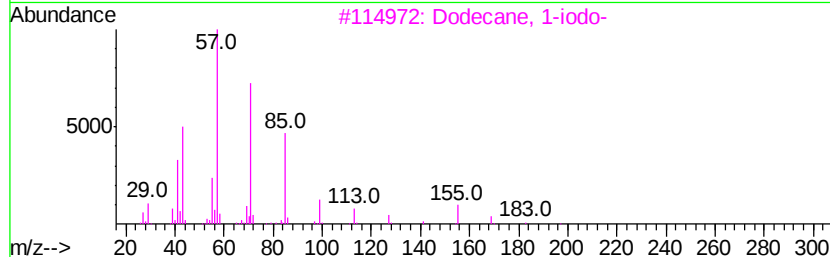
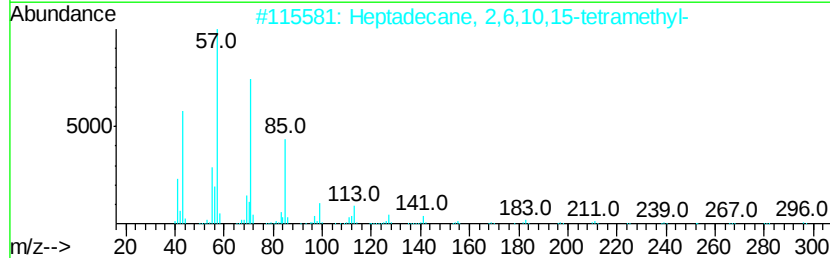
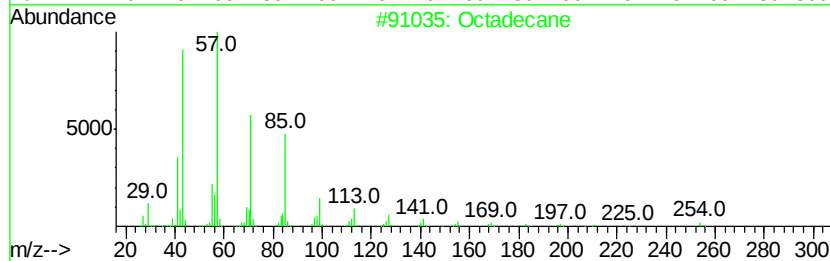
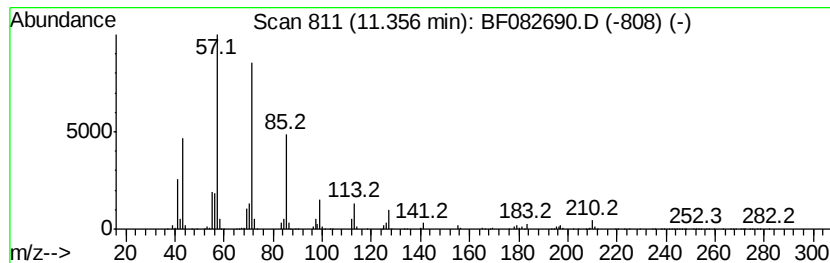
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	38.59 ng	11097600	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4		Eicosane	282	C20H42	000112-95-8	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082690.D
Acq On : 4 Nov 2015 8:13
Operator : UM/IZ
Sample : G4241-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-117(3)

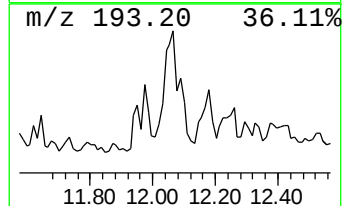
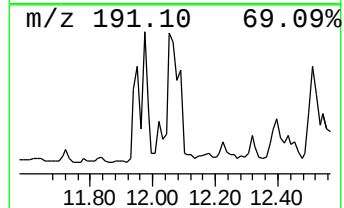
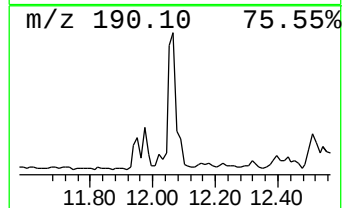
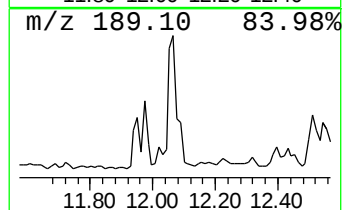
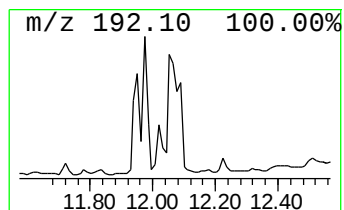
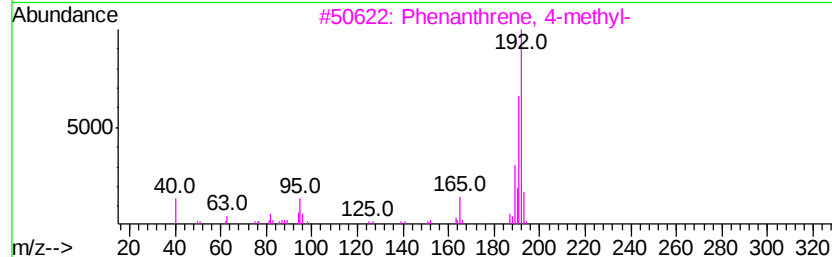
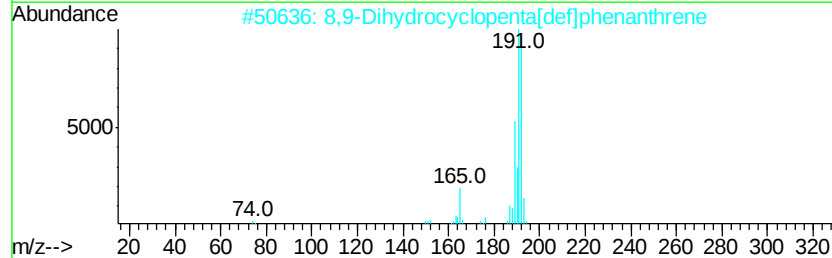
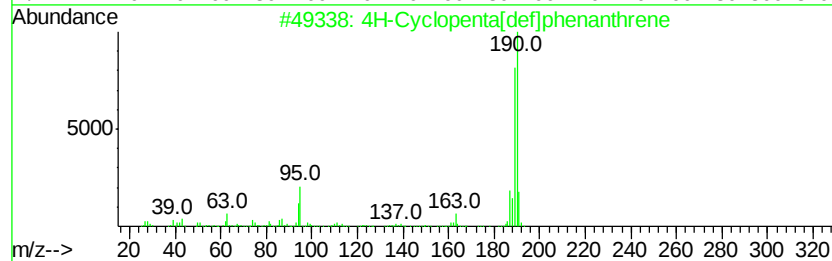
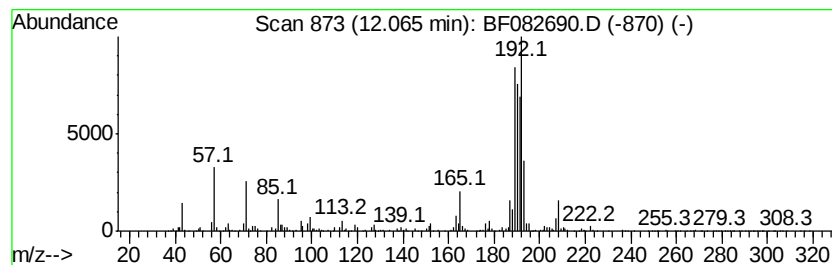
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	26.39 ng	7587360	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082690.D
 Acq On : 4 Nov 2015 8:13
 Operator : UM/IZ
 Sample : G4241-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-117(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	26.1	ng	2514370	1	6.89	1923420	20.0
unknown6.14	6.14	31.3	ng	3010670	1	6.89	1923420	20.0
unknown6.33	6.33	22.0	ng	2113060	1	6.89	1923420	20.0
Cyclohexane, 1,1,...	6.42	29.4	ng	2831070	1	6.89	1923420	20.0
unknown6.65	6.65	101.5	ng	9764860	1	6.89	1923420	20.0
Benzene, 1,2,3-tr...	6.94	24.9	ng	2397270	1	6.89	1923420	20.0
Benzene, 1,3-diet...	7.14	22.6	ng	2172530	1	6.89	1923420	20.0
2- Bromopropionic...	7.17	31.3	ng	3010110	1	6.89	1923420	20.0
unknown7.21	7.21	23.1	ng	2217070	1	6.89	1923420	20.0
Naphthalene, deca...	7.29	28.3	ng	2725080	1	6.89	1923420	20.0
Benzene, 1-methyl...	7.69	23.1	ng	2670060	2	8.17	2309440	20.0
Cyclohexane, (4-m...	8.48	39.4	ng	4546800	2	8.17	2309440	20.0
Dodecane, 2,6,11-...	8.61	53.5	ng	6179420	2	8.17	2309440	20.0
Naphthalene, 1,6-...	9.53	25.0	ng	6996740	3	9.94	5602990	20.0
Heptadecane, 2,6,...	10.62	41.2	ng	11552800	3	9.94	5602990	20.0
Pentadecane, 2,6,...	10.90	61.1	ng	17567300	4	11.44	5750840	20.0
Octadecane	11.36	38.6	ng	11097600	4	11.44	5750840	20.0
4H-Cyclopenta[def...	12.07	26.4	ng	7587360	4	11.44	5750840	20.0