

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084685.D
 Acq On : 30 Jan 2016 14:50
 Operator : SJ/IZ
 Sample : H1257-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B029(6-6.5)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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	4.190	182	184	187	rBV	437713	598186	8.75%	0.555%
2	4.247	187	189	193	rVB2	134372	238360	3.49%	0.221%
3	4.796	232	237	240	rBV3	139706	320718	4.69%	0.297%
4	4.910	240	247	249	rBV	3681574	6832652	100.00%	6.335%
5	5.287	276	280	282	rBV3	121397	289949	4.24%	0.269%
6	5.333	282	284	286	rVB	3605973	3682654	53.90%	3.414%
7	5.470	293	296	298	rBV	151446	240131	3.51%	0.223%
8	5.550	301	303	306	rVB3	168829	301570	4.41%	0.280%
9	5.722	315	318	321	rBV2	457065	761716	11.15%	0.706%
10	5.859	328	330	333	rVB3	256759	326757	4.78%	0.303%
11	5.962	337	339	343	rVB	649221	696894	10.20%	0.646%
12	6.019	343	344	346	rBV	229958	243115	3.56%	0.225%
13	6.064	346	348	353	rVB5	93094	269308	3.94%	0.250%
14	6.156	353	356	358	rBV2	179679	325315	4.76%	0.302%
15	6.247	360	364	365	rBV2	322876	463769	6.79%	0.430%
16	6.316	369	370	373	rBV2	123377	215600	3.16%	0.200%
17	6.384	373	376	377	rBV	4335894	5357426	78.41%	4.967%
18	6.407	377	378	381	rVB2	189508	211926	3.10%	0.196%
19	6.464	381	383	384	rBV	148920	229055	3.35%	0.212%
20	6.499	384	386	388	rVV	4830531	4573789	66.94%	4.241%
21	6.544	388	390	394	rVB3	261082	561912	8.22%	0.521%
22	6.727	404	406	407	rBV	1247087	1228838	17.98%	1.139%
23	6.750	407	408	410	rVB2	352128	276444	4.05%	0.256%
24	6.876	417	419	421	rVV	2854744	4024066	58.89%	3.731%
25	7.002	424	430	432	rVB6	174746	454287	6.65%	0.421%
26	7.116	439	440	442	rBV2	193374	266136	3.90%	0.247%
27	7.219	446	449	451	rBV	108533	224968	3.29%	0.209%
28	7.299	451	456	458	rVV	3145597	3997585	58.51%	3.706%
29	7.379	460	463	465	rVV4	164237	219360	3.21%	0.203%
30	7.527	471	476	478	rVB4	199045	419757	6.14%	0.389%
31	7.665	483	488	489	rVV4	82751	227935	3.34%	0.211%
32	7.756	493	496	497	rBV2	239438	316769	4.64%	0.294%
33	8.007	516	518	522	rVV2	1624994	2227901	32.61%	2.066%
34	8.442	554	556	561	rBV	209818	310182	4.54%	0.288%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.728	577	581	582	rVB2	195967	337372	4.94%	0.313%
36	9.093	610	613	615	rVB	5569036	5140261	75.23%	4.766%
37	9.185	615	621	623	rBV3	193421	319251	4.67%	0.296%
38	9.345	632	635	638	rBV2	117972	218266	3.19%	0.202%
39	9.425	638	642	643	rBV	227515	301689	4.42%	0.280%
40	9.493	646	648	650	rBV	591456	674534	9.87%	0.625%
41	9.710	665	667	668	rBV	200979	234192	3.43%	0.217%
42	9.768	668	672	673	rBV	1055324	1547595	22.65%	1.435%
43	9.790	673	674	676	rVB	503767	458141	6.71%	0.425%
44	9.916	683	685	688	rBV4	105055	240891	3.53%	0.223%
45	9.962	688	689	691	rVB	425616	381925	5.59%	0.354%
46	10.202	708	710	712	rVB	334429	291049	4.26%	0.270%
47	10.305	717	719	722	rBV	601333	580556	8.50%	0.538%
48	10.373	722	725	728	rBV2	124878	247563	3.62%	0.230%
49	10.419	728	729	732	rBV2	201780	260967	3.82%	0.242%
50	10.545	738	740	742	rBV	966695	1008094	14.75%	0.935%
51	10.682	750	752	755	rBV2	380575	695953	10.19%	0.645%
52	10.853	764	767	768	rBV2	207730	329039	4.82%	0.305%
53	11.093	786	788	790	rBV2	154470	265632	3.89%	0.246%
54	11.139	790	792	795	rVB2	350153	691888	10.13%	0.642%
55	11.276	799	804	805	rBV2	2965495	5444531	79.68%	5.048%
56	11.322	805	808	809	rVB	970006	1036086	15.16%	0.961%
57	11.356	809	811	812	rBV	227943	231122	3.38%	0.214%
58	11.482	818	822	823	rBV2	398166	606417	8.88%	0.562%
59	11.551	825	828	829	rVV2	225387	283567	4.15%	0.263%
60	11.745	843	845	846	rBV	763065	714568	10.46%	0.663%
61	11.768	846	847	850	rVB	623512	837993	12.26%	0.777%
62	11.825	850	852	853	rBV	258428	362095	5.30%	0.336%
63	11.859	853	855	859	rVB2	1004157	1613608	23.62%	1.496%
64	11.962	862	864	868	rBV4	181639	248462	3.64%	0.230%
65	12.042	869	871	872	rBV	491848	381979	5.59%	0.354%
66	12.191	882	884	886	rBV	233762	249525	3.65%	0.231%
67	12.225	886	887	890	rVB2	230105	385817	5.65%	0.358%
68	12.305	891	894	895	rBV	423700	587572	8.60%	0.545%
69	12.339	895	897	900	rVB2	296048	467347	6.84%	0.433%
70	12.385	900	901	903	rVB2	310025	316615	4.63%	0.294%
71	12.465	905	908	910	rBV	5074623	4693394	68.69%	4.352%

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72	12.602	917	920	921	rBV2	247476	416206	6.09%	0.386%
73	12.682	924	927	930	rBV	2888734	4945675	72.38%	4.586%
74	12.797	936	937	938	rBV	242568	290241	4.25%	0.269%
75	12.831	938	940	943	rVB	3103839	3222152	47.16%	2.988%
76	12.899	944	946	950	rBV4	341043	790550	11.57%	0.733%
77	13.014	954	956	958	rVB	801070	831146	12.16%	0.771%
78	13.082	960	962	963	rVB2	519974	602912	8.82%	0.559%
79	13.117	963	965	966	rBV	607911	704328	10.31%	0.653%
80	13.208	971	973	974	rBV	449404	452362	6.62%	0.419%
81	13.231	974	975	977	rVB	185130	246817	3.61%	0.229%
82	13.322	981	983	985	rBV2	421356	553830	8.11%	0.513%
83	13.631	1007	1010	1011	rBV2	353583	569950	8.34%	0.528%
84	13.871	1028	1031	1033	rBV2	2144700	3682560	53.90%	3.414%
85	13.905	1033	1034	1037	rVB	1912294	1920828	28.11%	1.781%
86	13.985	1039	1041	1042	rVB	329075	292980	4.29%	0.272%
87	14.271	1064	1066	1067	rVB	434244	481431	7.05%	0.446%
88	14.305	1067	1069	1070	rVB	255307	299136	4.38%	0.277%
89	14.362	1072	1074	1075	rVV2	267233	243415	3.56%	0.226%
90	14.888	1117	1120	1124	rBV	1880789	3753928	54.94%	3.481%
91	14.980	1127	1128	1130	rVB	316900	319227	4.67%	0.296%
92	15.162	1141	1144	1147	rVB	1222450	1569609	22.97%	1.455%
93	15.220	1147	1149	1151	rVB	1794796	2124156	31.09%	1.969%
94	15.277	1151	1154	1155	rBV	774589	945450	13.84%	0.877%
95	16.283	1240	1242	1250	rVB3	306070	769169	11.26%	0.713%
96	16.591	1266	1269	1273	rVB	889157	1791240	26.22%	1.661%
97	16.740	1280	1282	1285	rBV	181188	358944	5.25%	0.333%
98	16.797	1285	1287	1289	rVB2	187475	291264	4.26%	0.270%
99	16.991	1300	1304	1309	rVB	748627	1410661	20.65%	1.308%
100	17.197	1319	1322	1325	rBV	199592	353460	5.17%	0.328%

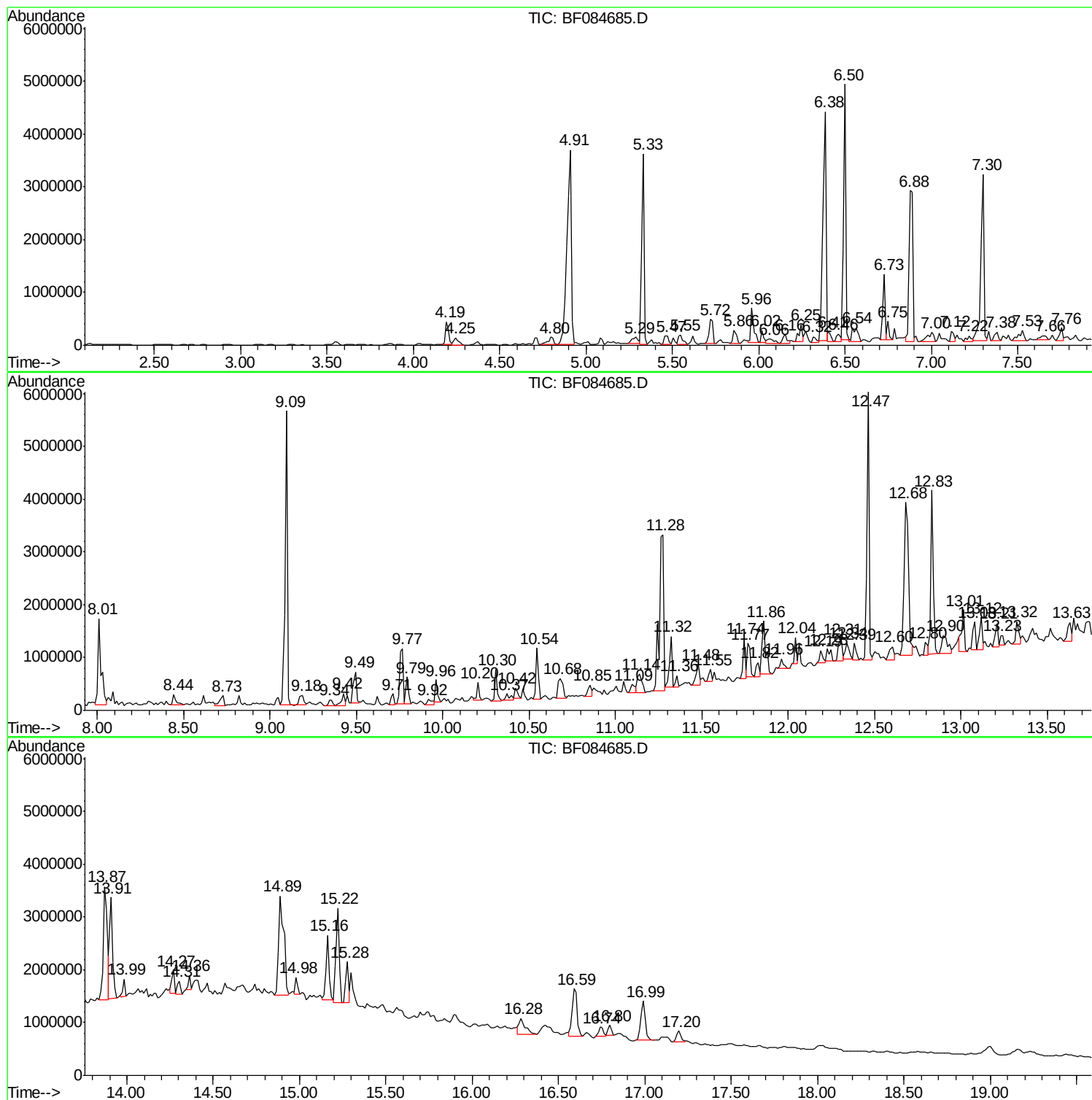
Sum of corrected areas: 107854213

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.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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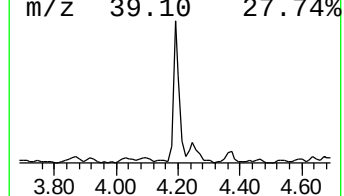
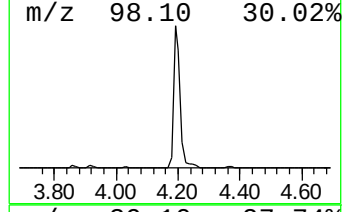
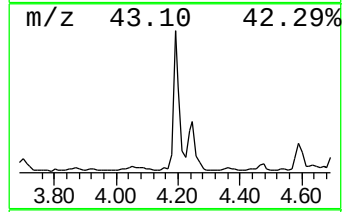
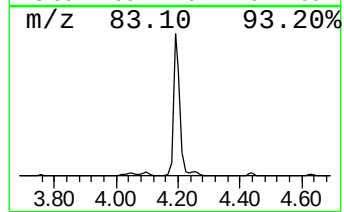
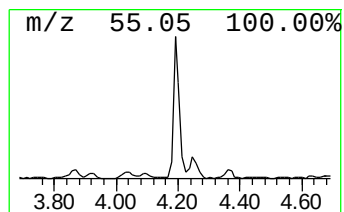
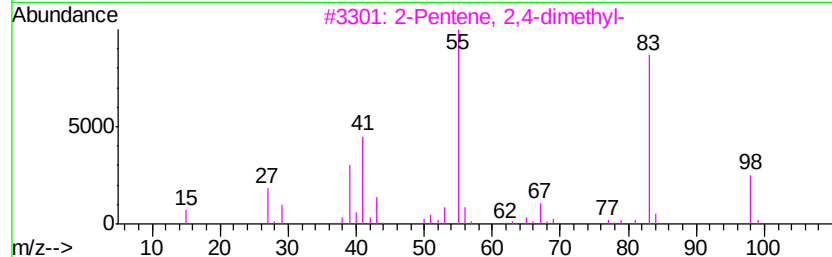
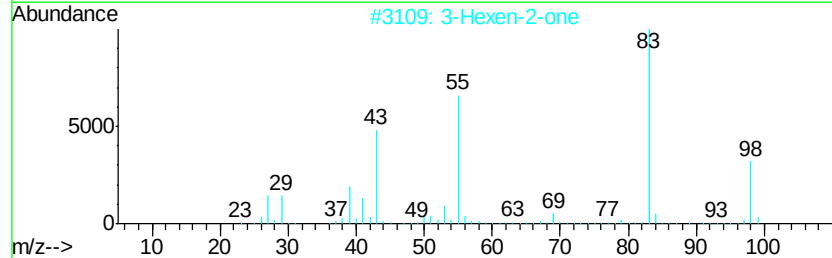
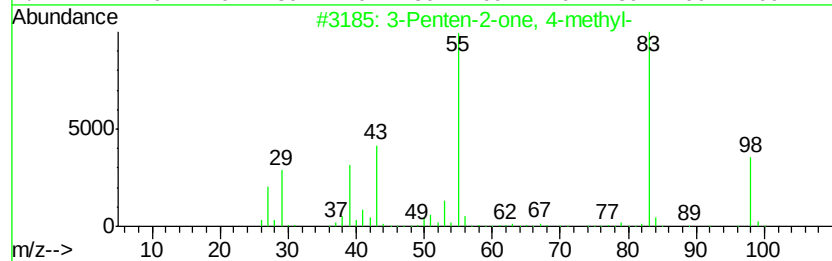
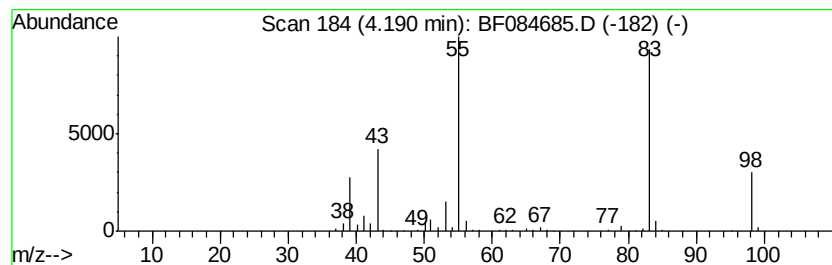
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	9.74 ng	598186	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	87
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78



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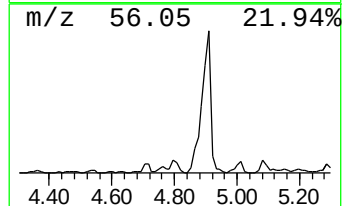
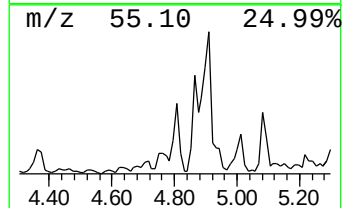
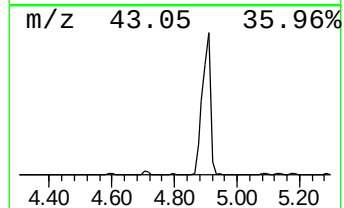
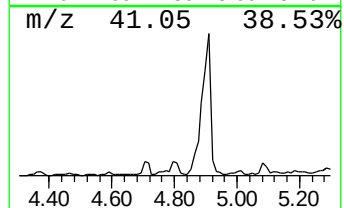
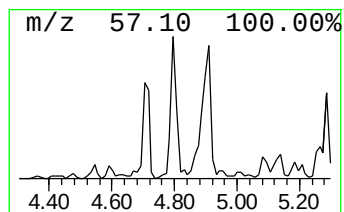
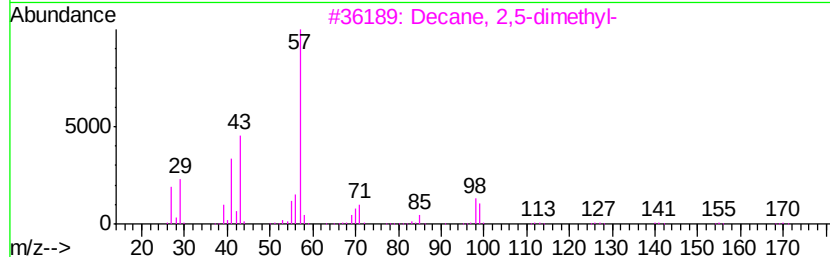
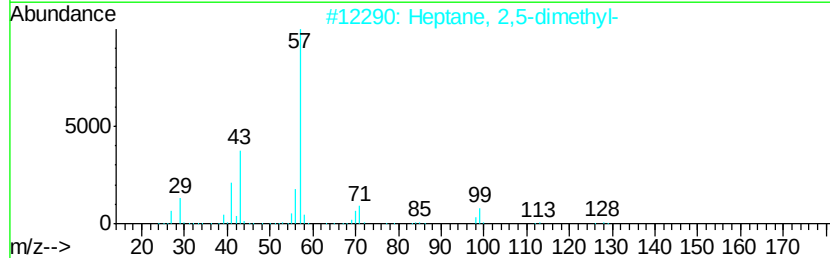
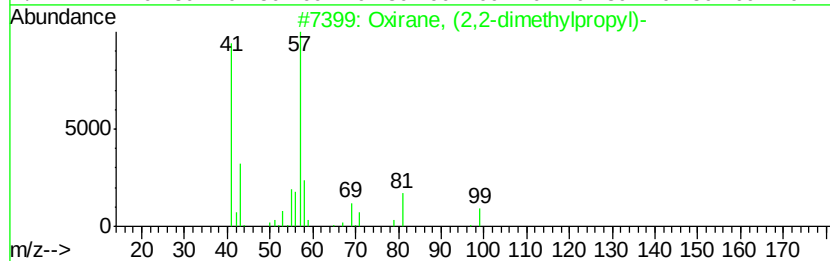
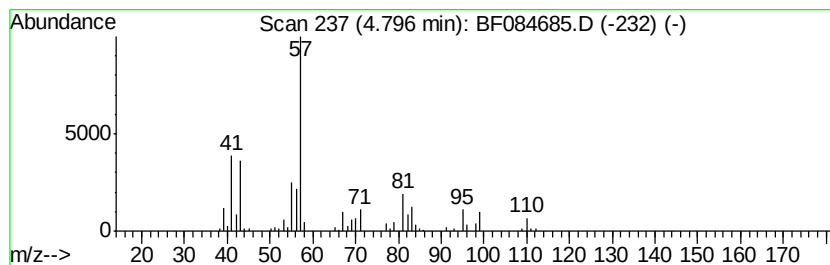
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown4.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	5.22 ng	320718	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, (2,2-dimethylpropyl)-	114	C7H14O	002245-29-6	47
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
5		Octane, 3-methyl-	128	C9H20	002216-33-3	43



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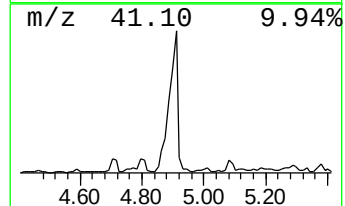
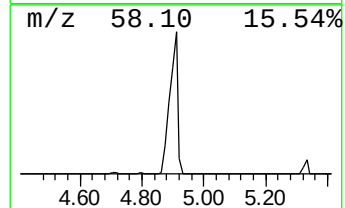
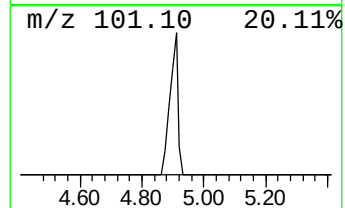
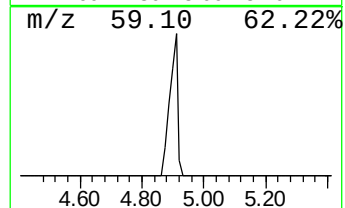
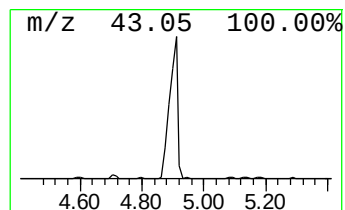
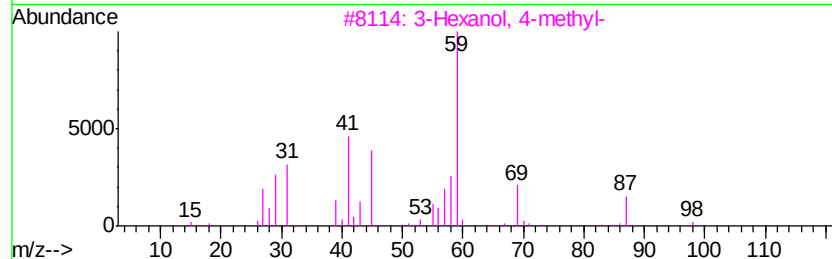
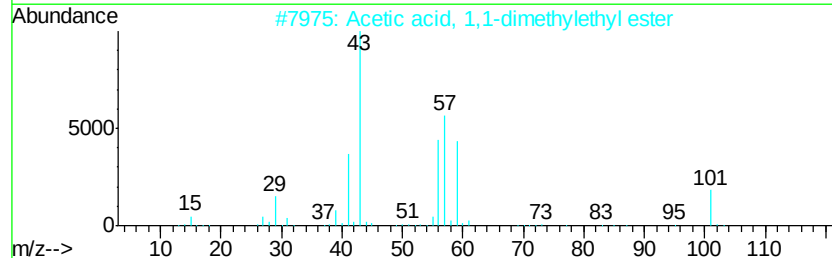
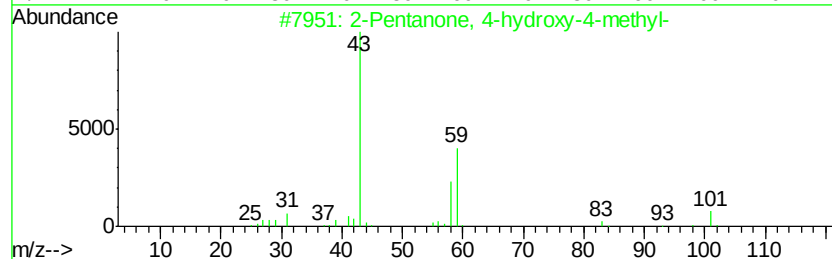
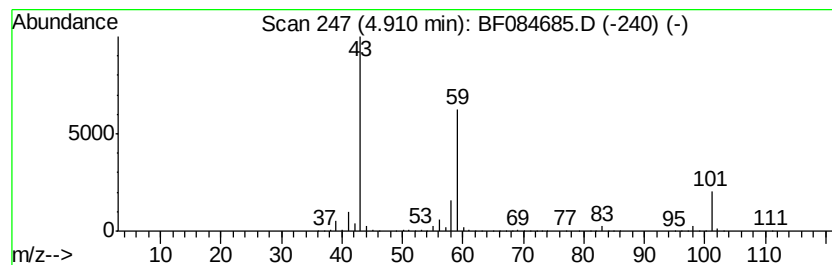
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	111.21 ng	6832650	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

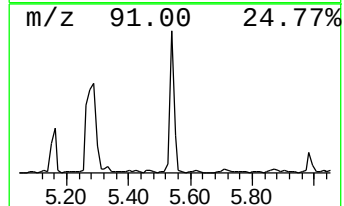
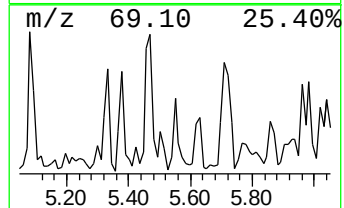
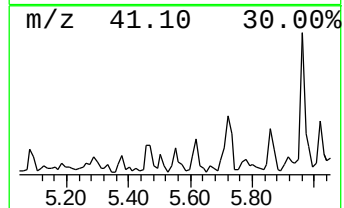
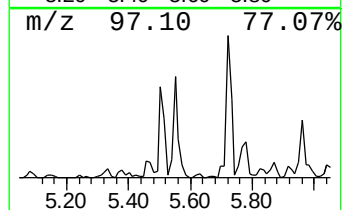
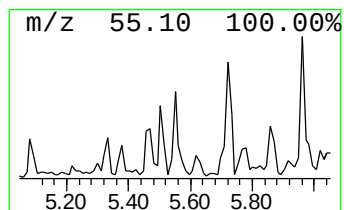
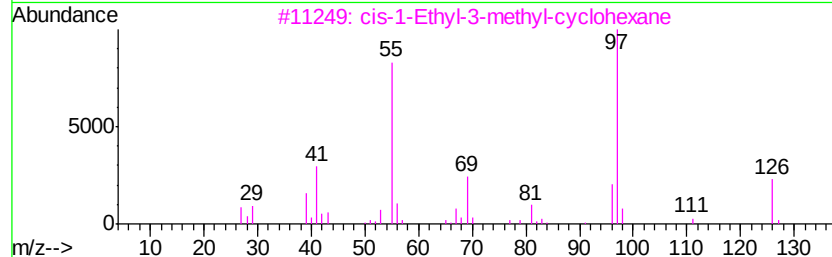
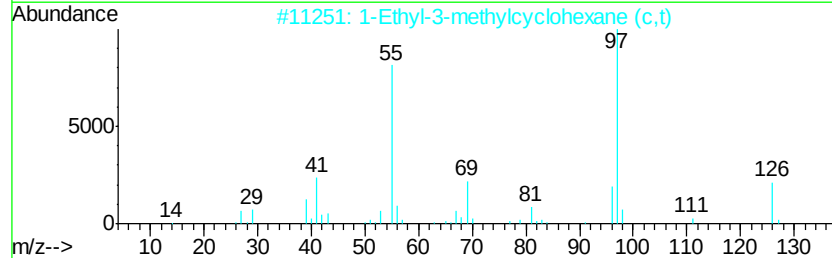
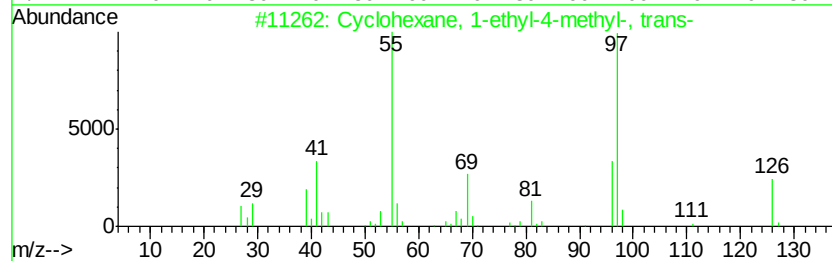
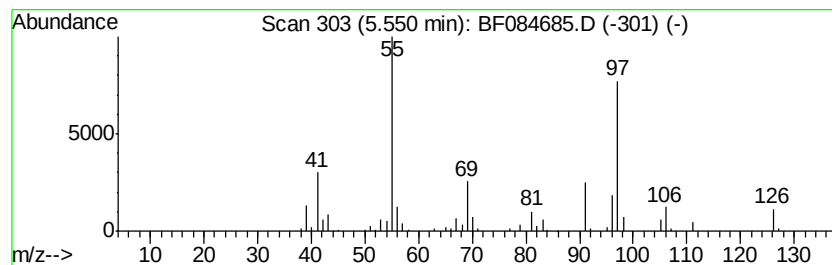
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	4.91 ng	301570	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
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ClientSampleId :
SUP-B029(6-6.5)

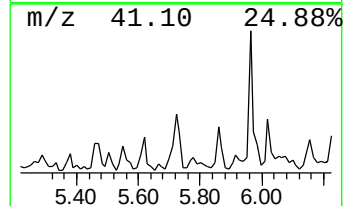
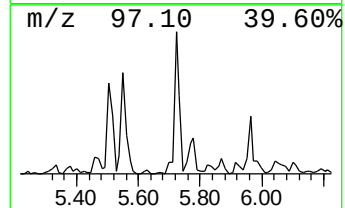
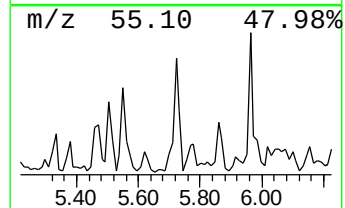
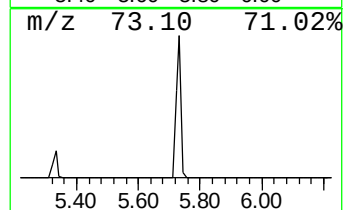
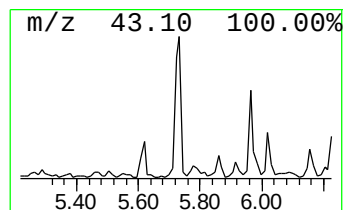
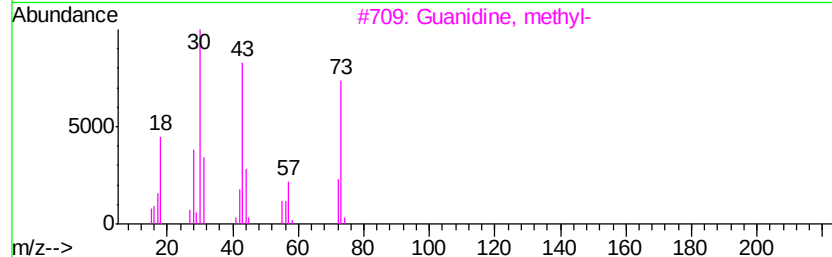
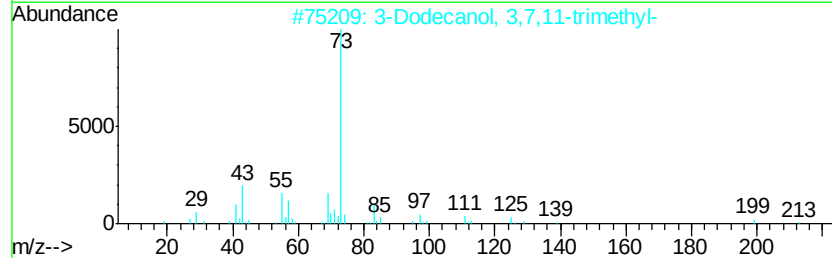
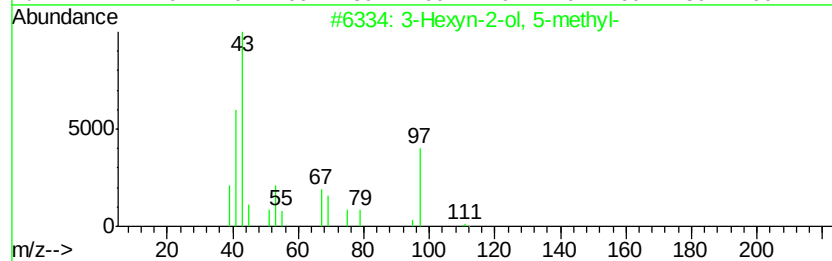
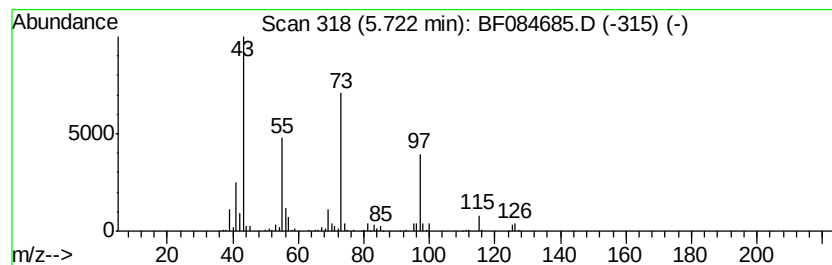
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown5.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	12.40 ng	761716	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexyn-2-ol, 5-methyl-	112	C7H12O	023293-50-7	43
2		3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	10
3		Guanidine, methyl-	73	C2H7N3	000471-29-4	9
4		2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	9
5		Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
Sample : H1257-09
Misc :
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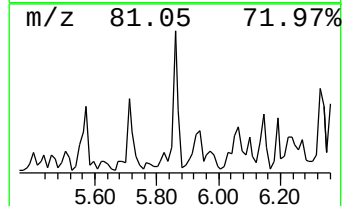
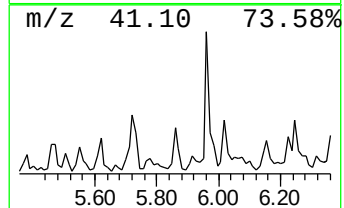
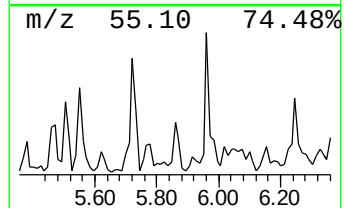
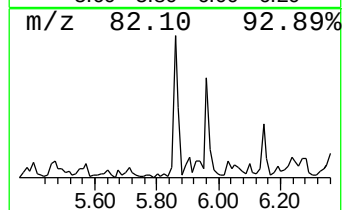
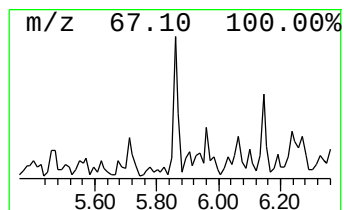
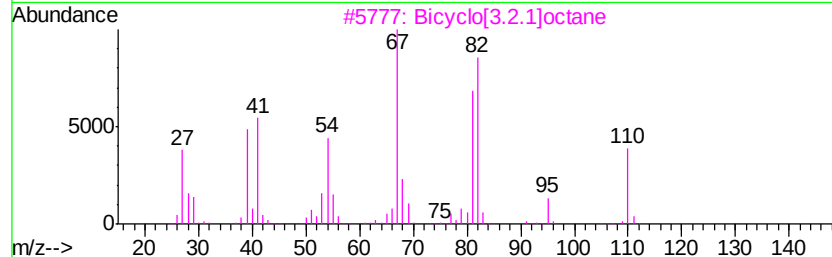
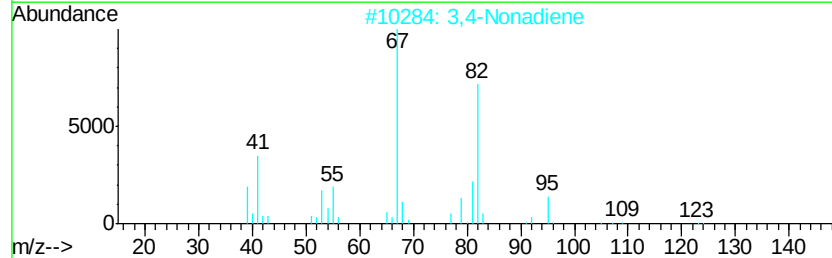
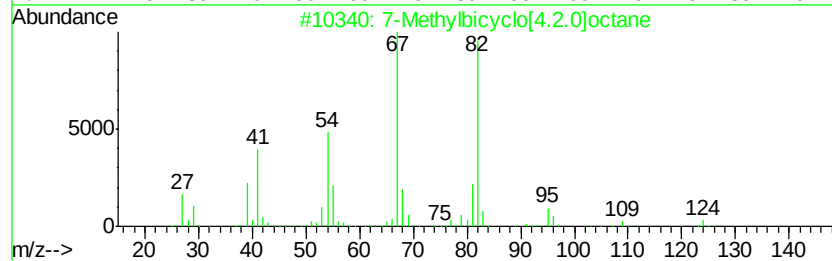
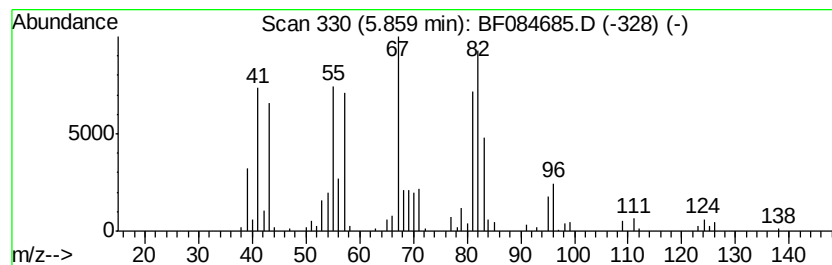
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.86	5.32 ng	326757	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	47
2	3,4-Nonadiene	124	C9H16	037050-03-6	43
3	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	43
4	Cyclohexaneethanol	128	C8H16O	004442-79-9	43
5	Germacyclopent-3-ene, 1,1-dichlo...	226	C6H10Cl2Ge	005764-64-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

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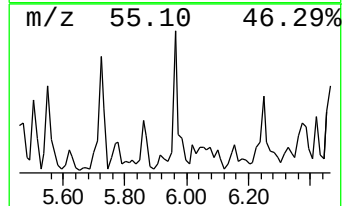
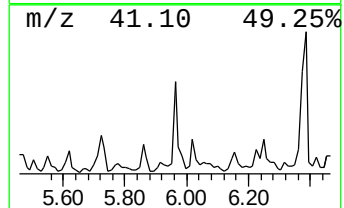
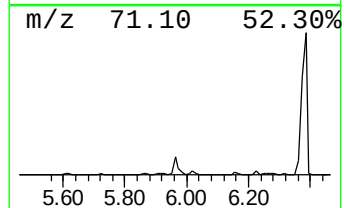
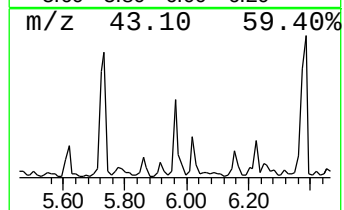
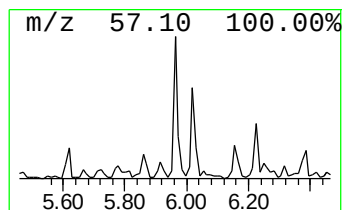
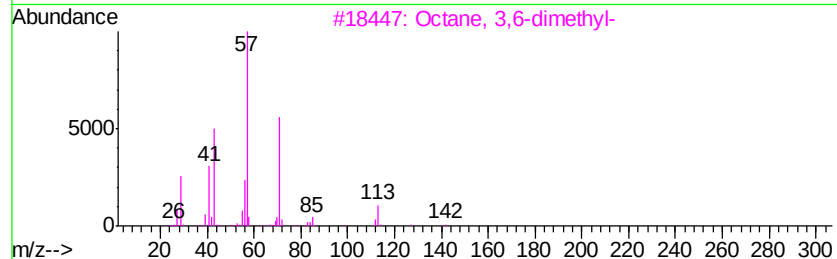
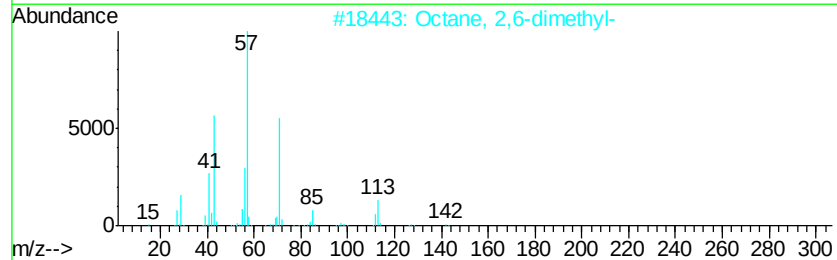
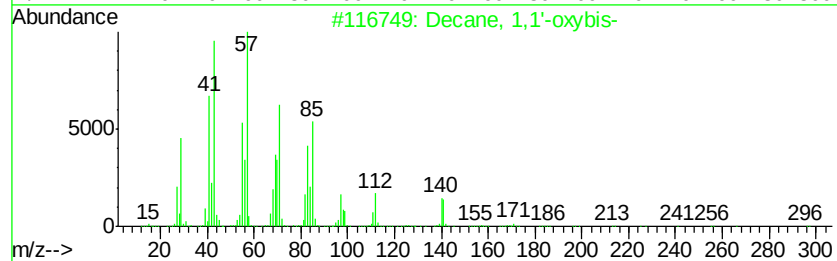
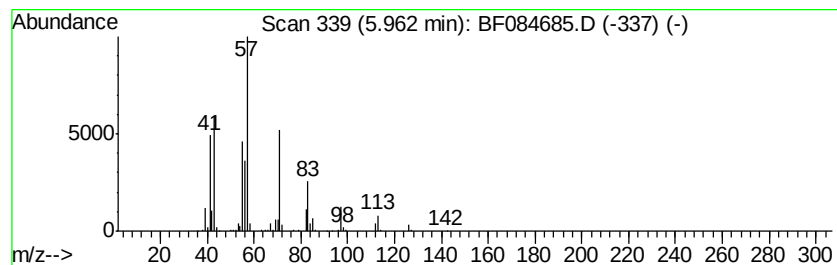
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 1,1'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	11.34 ng	696894	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5		Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
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Misc :
ALS Vial : 46 Sample Multiplier: 1

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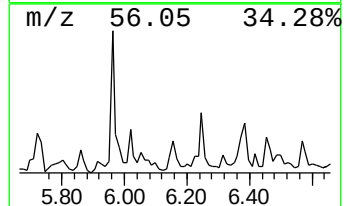
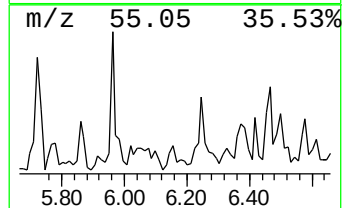
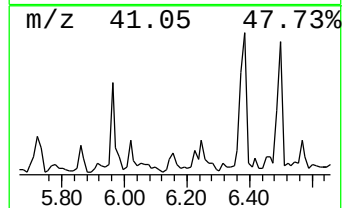
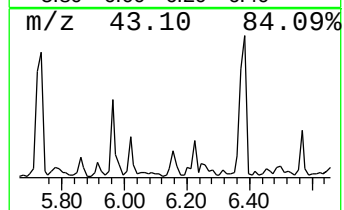
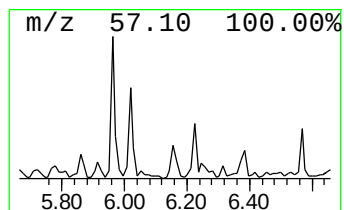
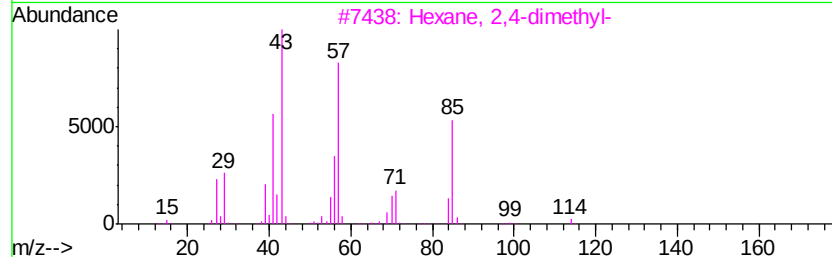
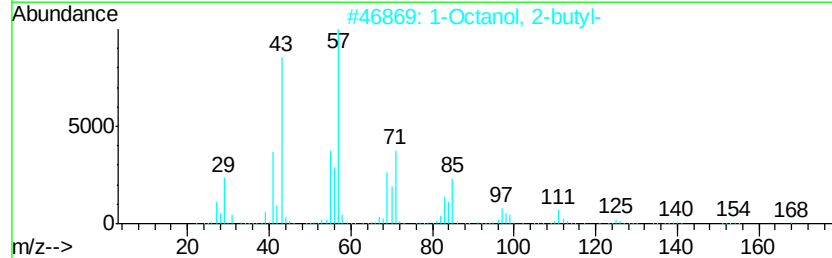
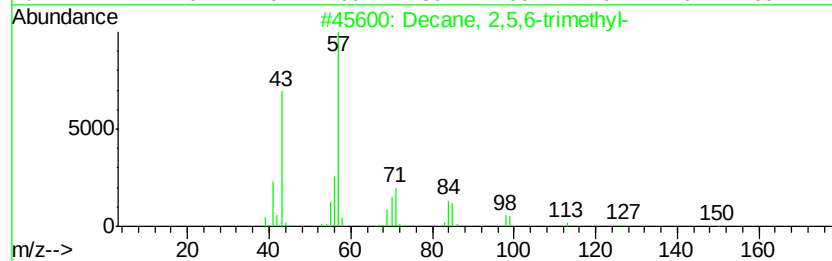
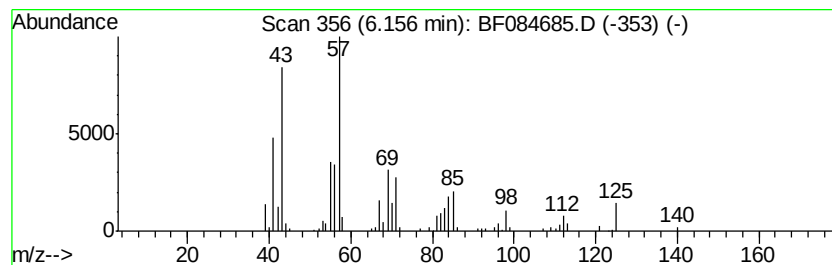
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	5.29 ng	325315	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
4		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
5		Decane, 5-methyl-	156	C11H24	013151-35-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
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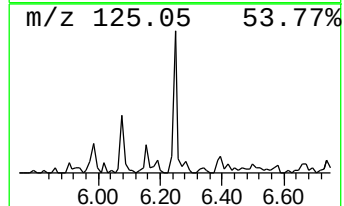
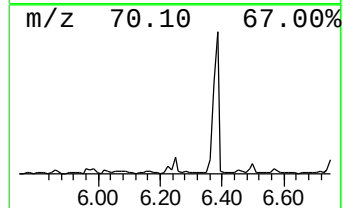
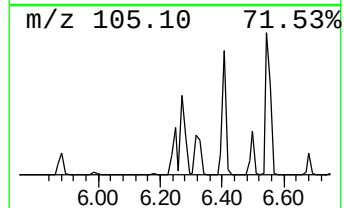
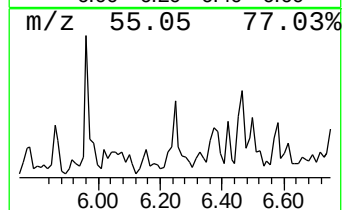
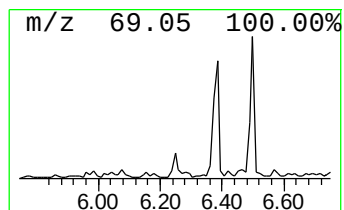
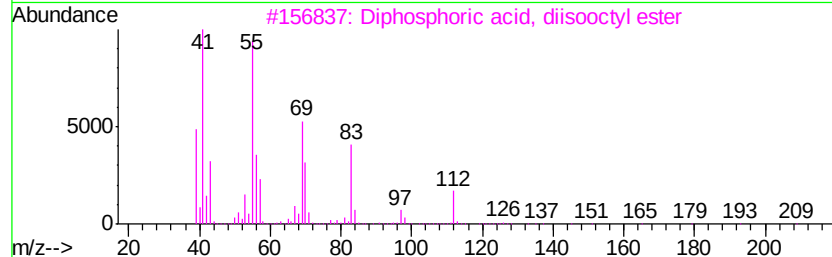
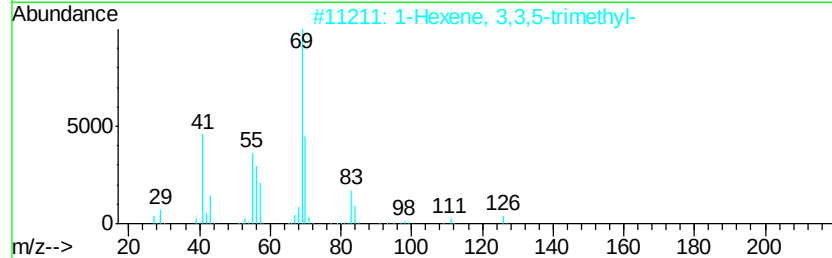
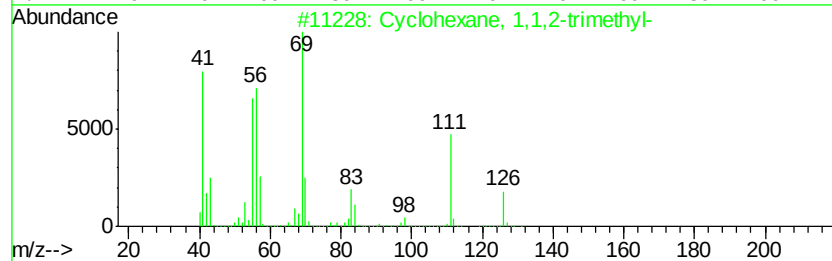
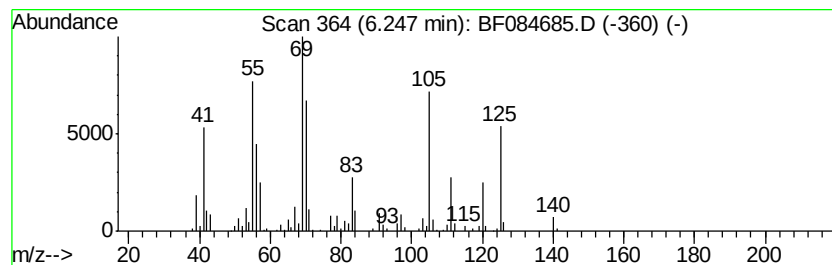
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.25 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	7.55 ng	463769	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	46
3		Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	43
4		2-Methyl-2-octene	126	C9H18	016993-86-5	38
5		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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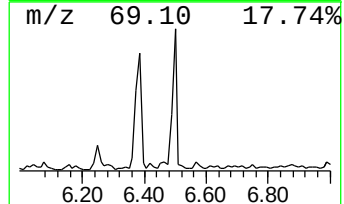
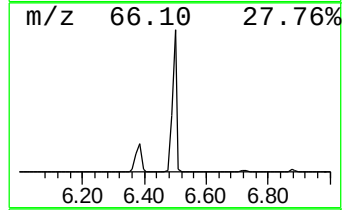
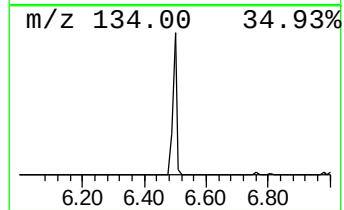
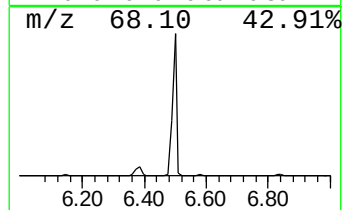
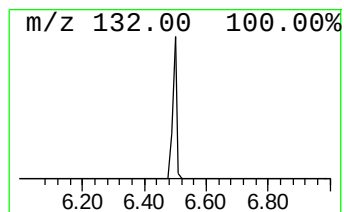
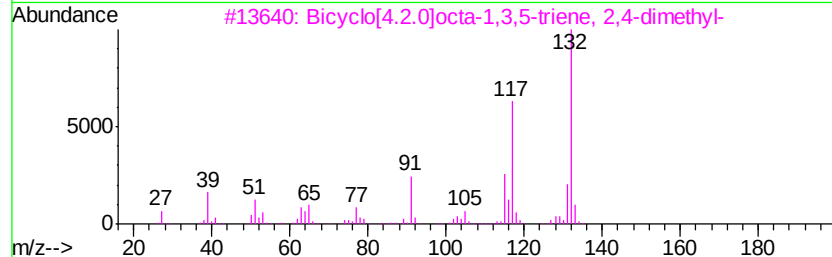
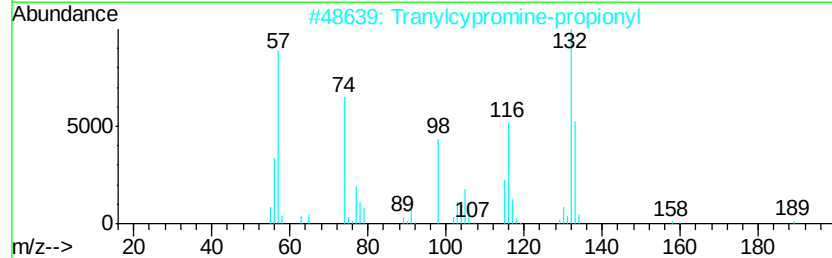
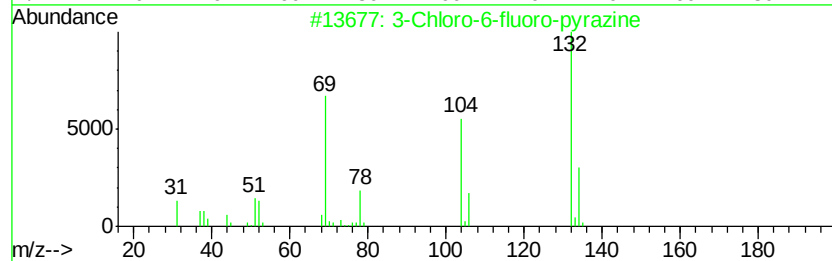
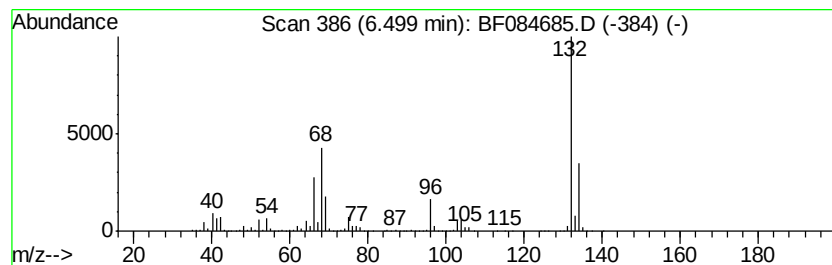
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	74.44 ng	4573790	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
Operator : SJ/IZ
Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

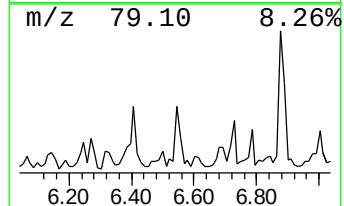
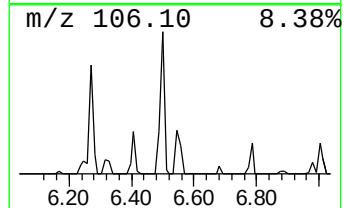
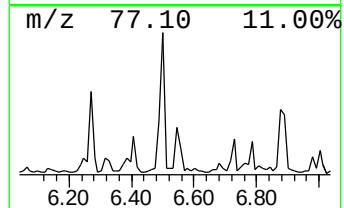
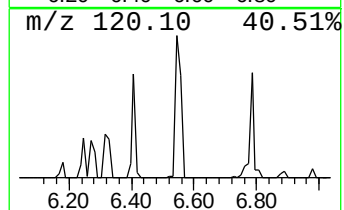
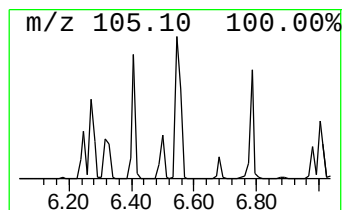
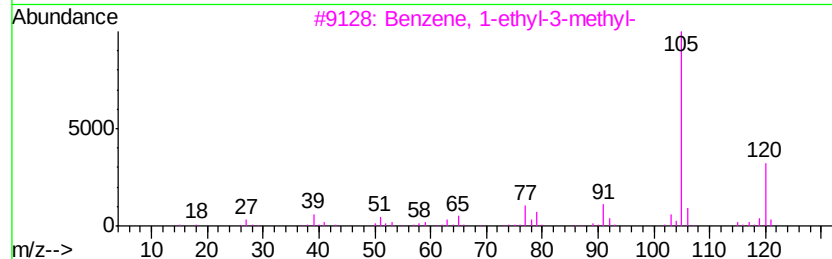
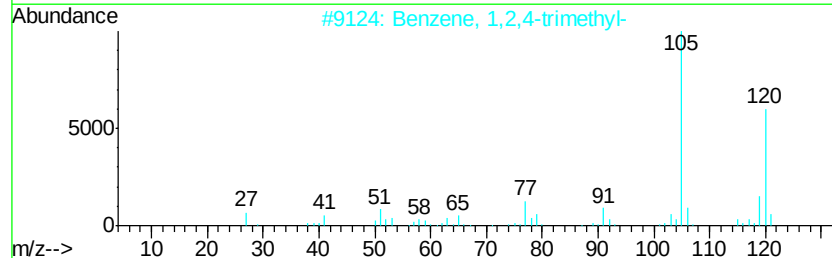
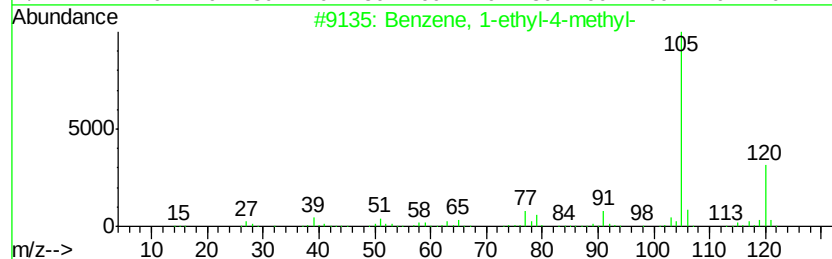
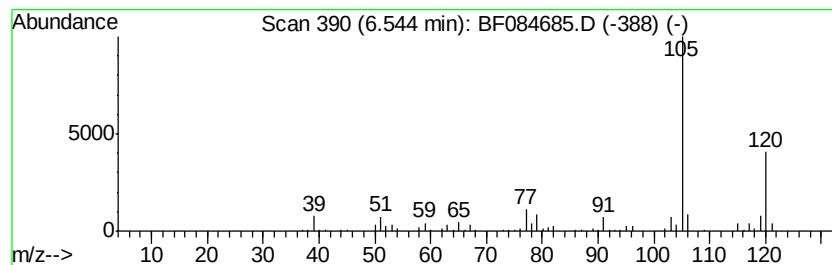
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	9.15 ng	561912	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084685.D
Acq On : 30 Jan 2016 14:50
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Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

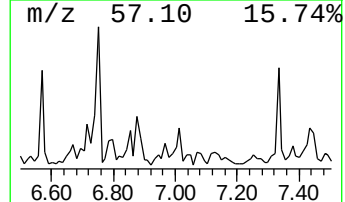
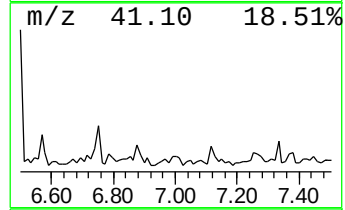
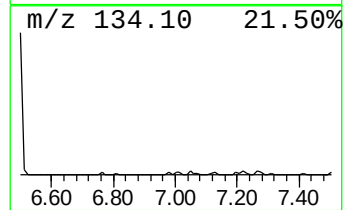
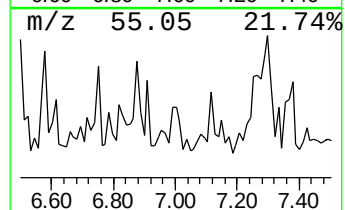
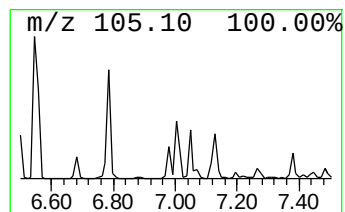
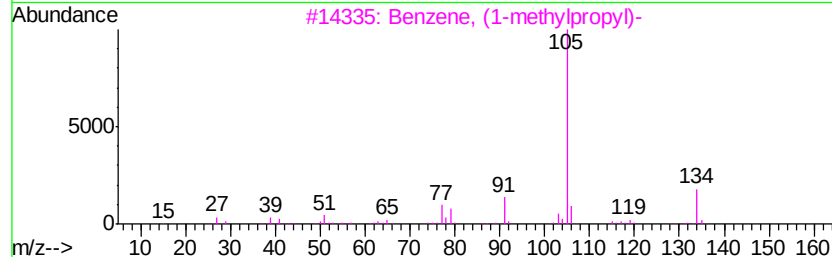
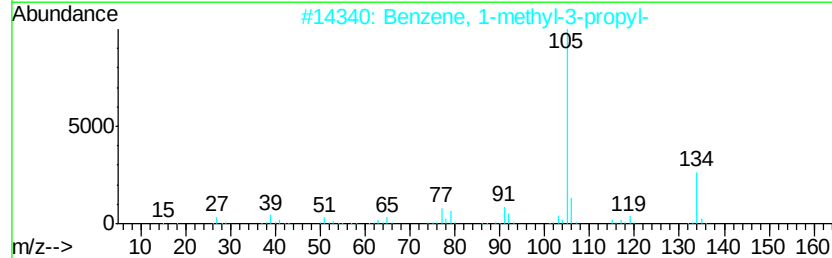
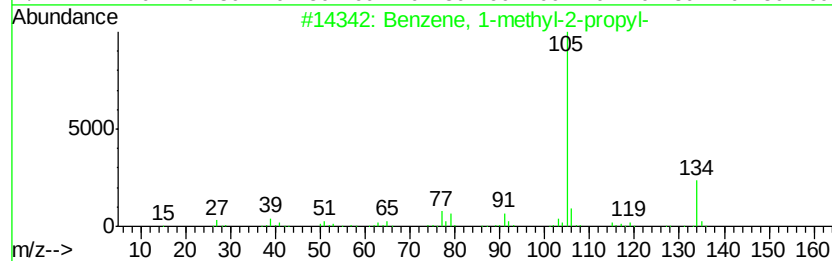
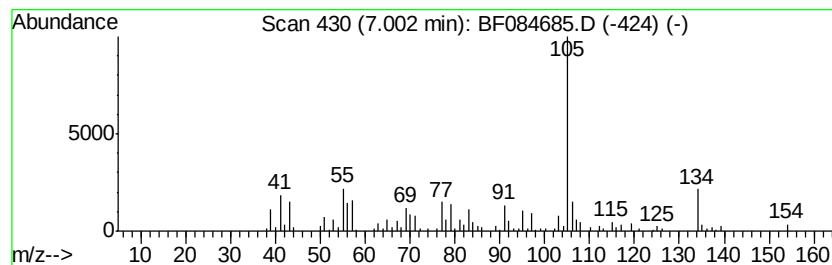
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-2-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	7.39 ng	454287	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

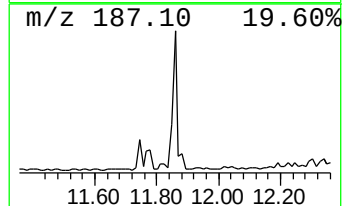
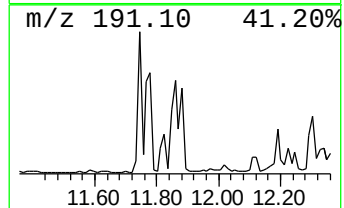
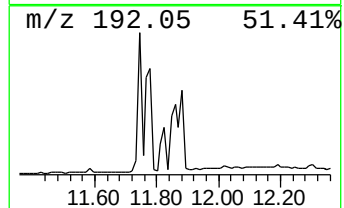
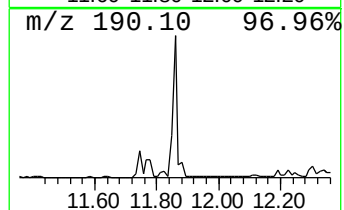
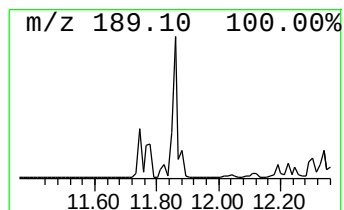
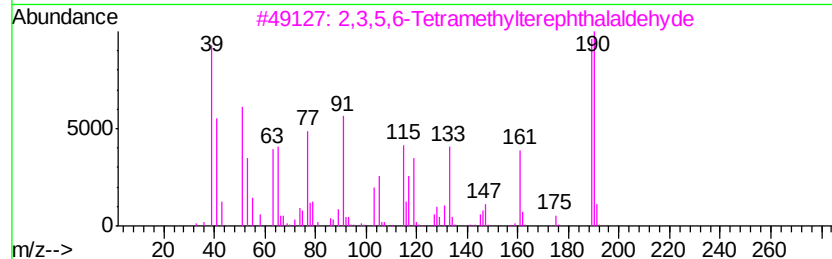
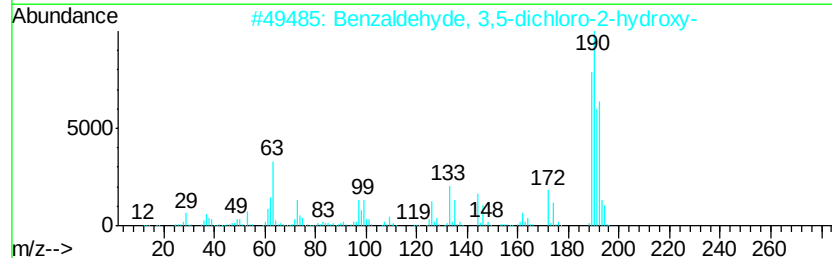
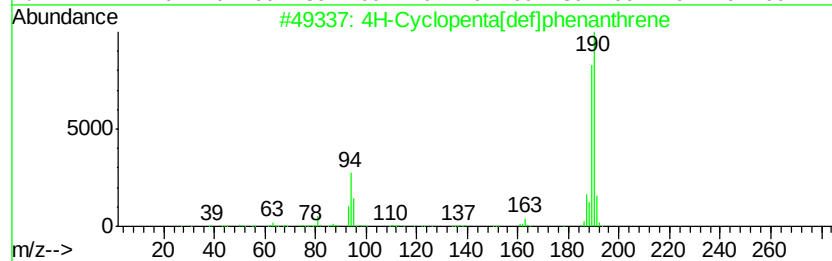
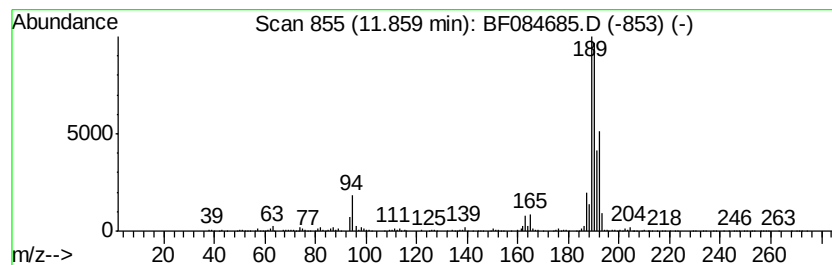
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.93 ng	1613610	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

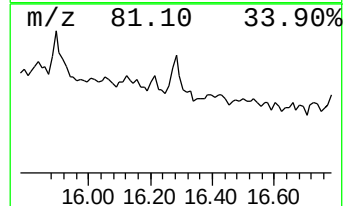
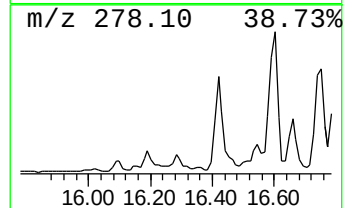
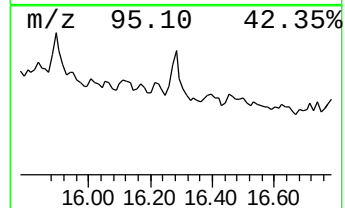
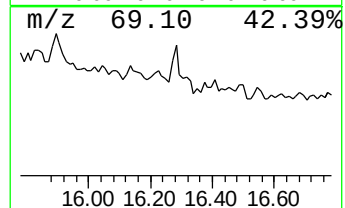
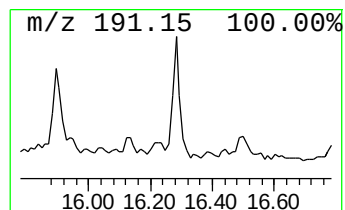
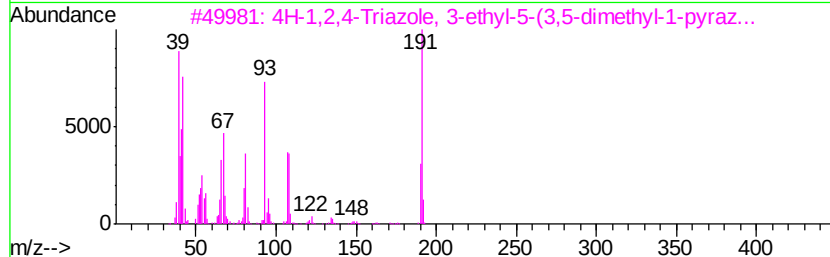
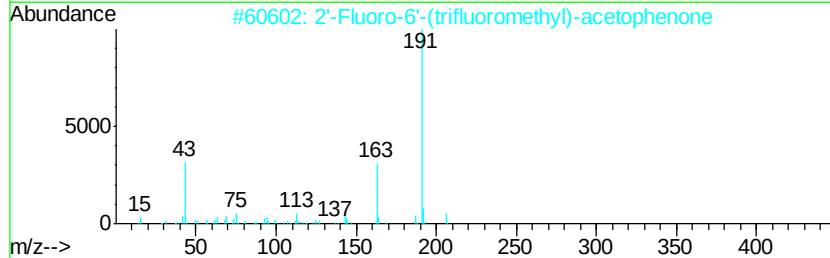
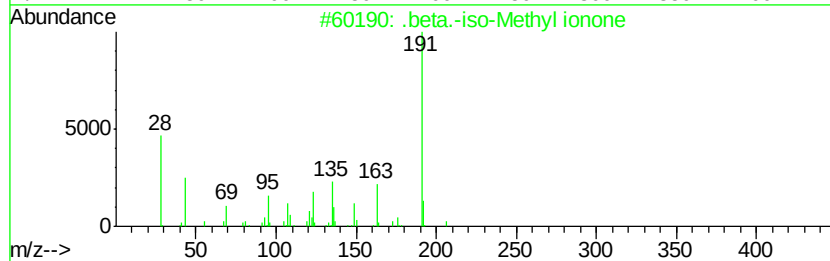
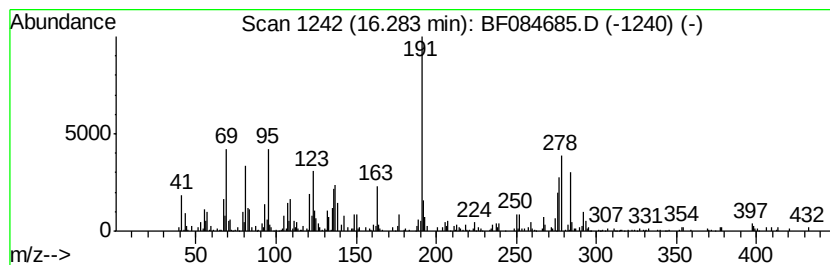
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	16.27 ng	769169	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2		2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	27
3		4H-1,2,4-Triazole, 3-ethyl-5-(3,...	191	C9H13N5	328532-29-2	22
4		Benzofurane-3-carboxylic acid, 5...	305	C16H19NO5	337311-93-0	22
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084685.D
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Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

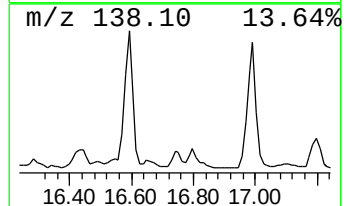
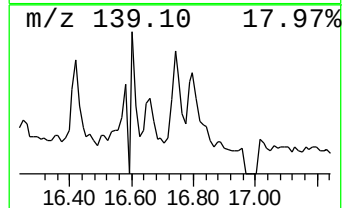
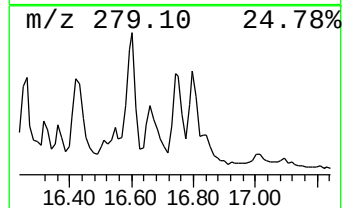
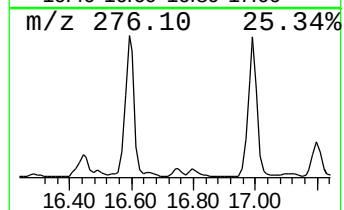
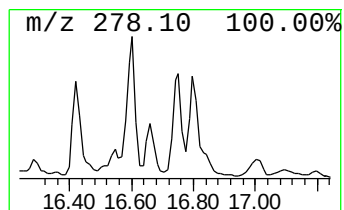
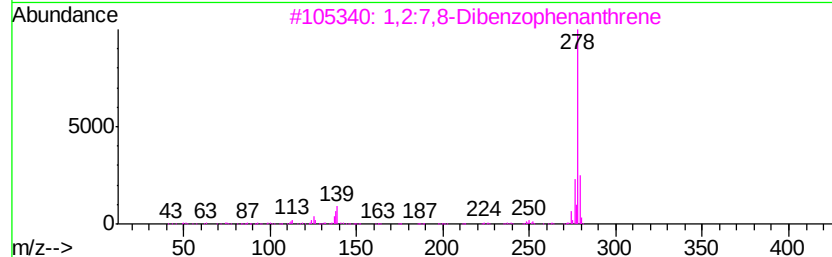
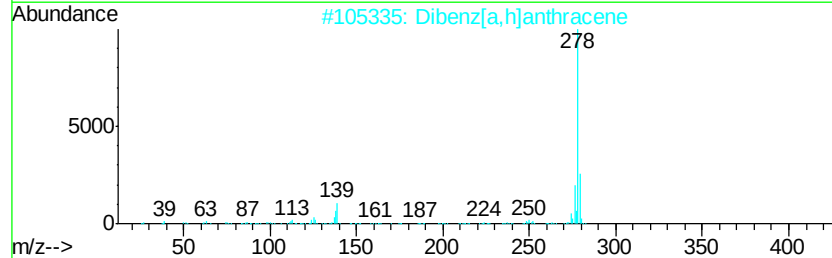
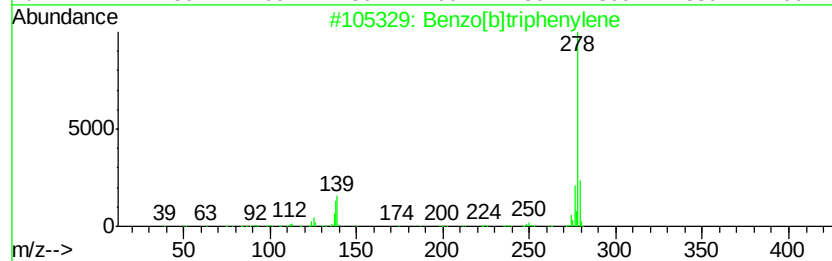
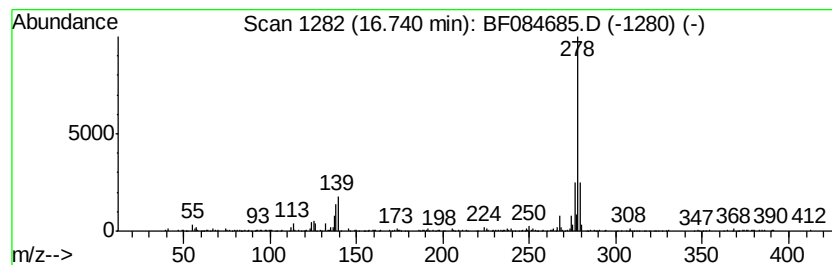
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	7.59 ng	358944	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
4		Pentacene	278	C22H14	000135-48-8	94
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	93



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Sample : H1257-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B029(6-6.5)

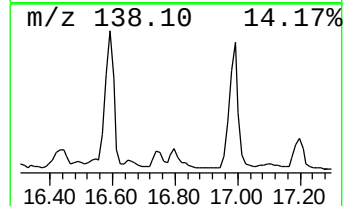
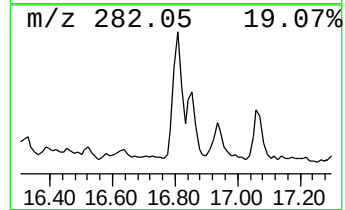
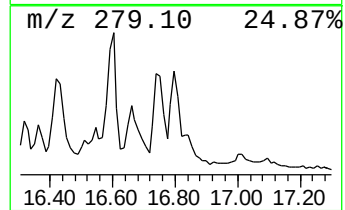
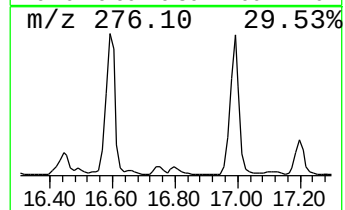
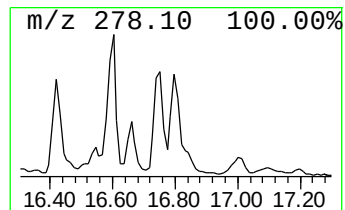
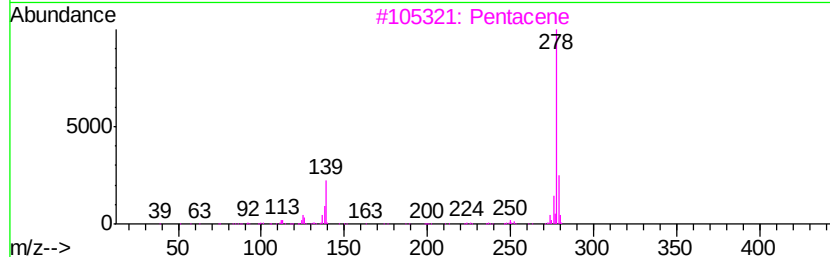
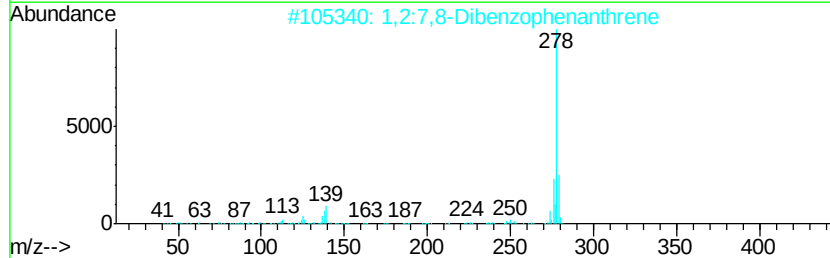
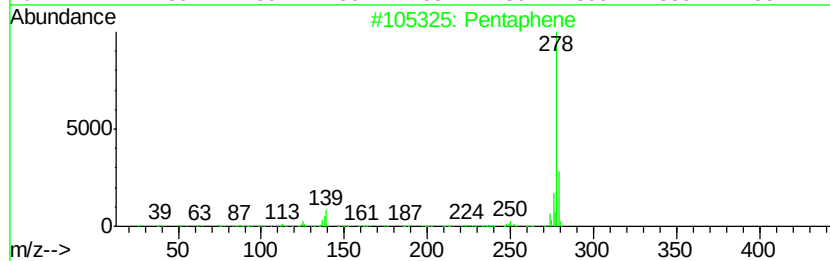
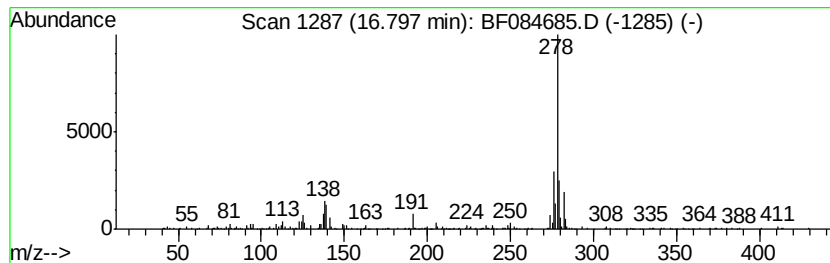
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentaphene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	6.16 ng	291264	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaphene	278	C22H14	000222-93-5	93
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	92
3		Pentacene	278	C22H14	000135-48-8	92
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	91
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83



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 ClientSampleId :
 SUP-B029(6-6.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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
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unknown4.80	4.80	5.2	ng	320718	1	6.73	1228840	20.0
2-Pentanone, 4-hy...	4.91	111.2	ng	6832650	1	6.73	1228840	20.0
Cyclohexane, 1-et...	5.55	4.9	ng	301570	1	6.73	1228840	20.0
unknown5.72	5.72	12.4	ng	761716	1	6.73	1228840	20.0
unknown5.86	5.86	5.3	ng	326757	1	6.73	1228840	20.0
Decane, 1,1'-oxybis-	5.96	11.3	ng	696894	1	6.73	1228840	20.0
Decane, 2,5,6-tri...	6.16	5.3	ng	325315	1	6.73	1228840	20.0
unknown6.25	6.25	7.5	ng	463769	1	6.73	1228840	20.0
unknown6.50	6.50	74.4	ng	4573790	1	6.73	1228840	20.0
Benzene, 1-ethyl-...	6.54	9.2	ng	561912	1	6.73	1228840	20.0
Benzene, 1-methyl...	7.00	7.4	ng	454287	1	6.73	1228840	20.0
4H-Cyclopenta[def...	11.86	5.9	ng	1613610	4	11.24	5444530	20.0
unknown16.28	16.28	16.3	ng	769169	6	15.28	945450	20.0
Benzo[b]triphenylene	16.74	7.6	ng	358944	6	15.28	945450	20.0
Pentaphene	16.80	6.2	ng	291264	6	15.28	945450	20.0