

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084736.D
 Acq On : 2 Feb 2016 3:45
 Operator : SJ/IZ
 Sample : H1306-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL02

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-BF020116.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	4.876	239	244	246	rBV	2840861	4553121	57.02%	1.923%
2	5.310	280	282	284	rVB	4666905	4654196	58.28%	1.966%
3	5.950	336	338	341	rVB	552774	636254	7.97%	0.269%
4	6.236	358	363	367	rVB4	484442	1466069	18.36%	0.619%
5	6.304	367	369	371	rBV	679025	659744	8.26%	0.279%
6	6.362	371	374	376	rBV	4117346	4634941	58.04%	1.957%
7	6.476	382	384	387	rVB	3432103	4856146	60.81%	2.051%
8	6.556	387	391	393	rVB2	2722422	3004557	37.62%	1.269%
9	6.704	403	404	406	rBV	802590	1298703	16.26%	0.548%
10	6.739	406	407	408	rVB	963439	660437	8.27%	0.279%
11	6.864	416	418	420	rBV	3603069	3755080	47.02%	1.586%
12	7.002	422	430	431	rBV4	772312	1835235	22.98%	0.775%
13	7.036	431	433	434	rBV2	1061660	1076588	13.48%	0.455%
14	7.059	434	435	438	rVB	575509	646989	8.10%	0.273%
15	7.104	438	439	441	rBV2	828453	1141282	14.29%	0.482%
16	7.207	445	448	450	rBV	473600	868204	10.87%	0.367%
17	7.276	450	454	457	rBV	2240554	4603522	57.65%	1.944%
18	7.322	457	458	460	rVB	3396799	3837809	48.06%	1.621%
19	7.367	460	462	464	rVB2	709465	928163	11.62%	0.392%
20	7.402	464	465	467	rBV2	442456	661483	8.28%	0.279%
21	7.436	467	468	470	rVB	783956	645302	8.08%	0.273%
22	7.516	470	475	478	rVB3	1292550	2196058	27.50%	0.927%
23	7.630	481	485	486	rBV2	882240	1469564	18.40%	0.621%
24	7.687	489	490	492	rVB	619852	791127	9.91%	0.334%
25	7.733	492	494	496	rBV2	1039505	2239913	28.05%	0.946%
26	7.767	496	497	499	rVB2	1211456	1112131	13.93%	0.470%
27	7.836	499	503	505	rVB4	855087	2074583	25.98%	0.876%
28	7.870	505	506	511	rBV5	323584	823045	10.31%	0.348%
29	7.962	511	514	515	rBV3	693495	1156777	14.49%	0.489%
30	7.996	515	517	521	rVV2	6510919	7985590	100.00%	3.372%
31	8.053	521	522	523	rVV	679947	861552	10.79%	0.364%
32	8.076	523	524	525	rVV	2548992	1920646	24.05%	0.811%
33	8.202	530	535	537	rBV5	883717	2403375	30.10%	1.015%
34	8.247	537	539	540	rVV2	403588	515497	6.46%	0.218%

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35	8.293	540	543	547	rVV5	924079	2834472	35.49%	1.197%
36	8.362	547	549	550	rVV	872726	1173107	14.69%	0.495%
37	8.385	550	551	553	rVV2	1206491	1603096	20.07%	0.677%
38	8.442	553	556	560	rVV2	2363809	4568738	57.21%	1.929%
39	8.510	560	562	563	rVV	1156939	1488961	18.65%	0.629%
40	8.545	563	565	568	rVV4	767472	1492749	18.69%	0.630%
41	8.613	568	571	573	rVV	5717773	7961941	99.70%	3.362%
42	8.659	573	575	577	rVV2	1171626	2013729	25.22%	0.850%
43	8.716	577	580	582	rVV2	2459891	3745839	46.91%	1.582%
44	8.762	582	584	585	rVV2	331364	613893	7.69%	0.259%
45	8.819	586	589	593	rVV2	1559847	4218537	52.83%	1.782%
46	8.910	593	597	598	rVV4	1218962	2900455	36.32%	1.225%
47	8.967	601	602	605	rVV	1632827	2113267	26.46%	0.892%
48	9.036	605	608	610	rVV2	3171332	4493430	56.27%	1.898%
49	9.082	610	612	614	rVV	5205384	5313417	66.54%	2.244%
50	9.116	614	615	617	rVV2	389360	654111	8.19%	0.276%
51	9.173	617	620	622	rVV	6176167	7831795	98.07%	3.308%
52	9.230	622	625	626	rVV2	1127050	2302407	28.83%	0.972%
53	9.276	628	629	632	rVV2	1249999	1748876	21.90%	0.739%
54	9.345	632	635	637	rVV	2109865	3872461	48.49%	1.635%
55	9.413	637	641	643	rVV2	2972008	6034831	75.57%	2.549%
56	9.482	645	647	650	rVV2	3390238	6868039	86.01%	2.900%
57	9.573	654	655	656	rVV	527558	636328	7.97%	0.269%
58	9.619	656	659	662	rVV4	749223	2105103	26.36%	0.889%
59	9.665	662	663	664	rVV	682063	682999	8.55%	0.288%
60	9.699	664	666	668	rVV	5386969	5782879	72.42%	2.442%
61	9.756	668	671	672	rVV2	1631647	3332864	41.74%	1.408%
62	9.779	672	673	678	rVV4	740645	2005404	25.11%	0.847%
63	9.859	678	680	682	rVV	1444728	2060969	25.81%	0.870%
64	9.962	682	689	690	rVV2	1618244	4197758	52.57%	1.773%
65	9.996	690	692	693	rVV2	1573960	2201613	27.57%	0.930%
66	10.076	696	699	700	rVV2	804706	1807486	22.63%	0.763%
67	10.099	700	701	702	rVV	1199456	1005590	12.59%	0.425%
68	10.156	704	706	707	rVV2	754782	1266094	15.85%	0.535%
69	10.202	707	710	711	rVV	5241424	6050525	75.77%	2.555%
70	10.248	711	714	716	rVV3	674221	1254635	15.71%	0.530%
71	10.293	716	718	719	rVV2	741198	723261	9.06%	0.305%

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72	10.328	719	721	722	rVV2	633185	1074513	13.46%	0.454%
73	10.362	722	724	725	rVV	809466	947377	11.86%	0.400%
74	10.419	727	729	731	rVV	2239061	3208010	40.17%	1.355%
75	10.465	731	733	735	rVV2	696677	855810	10.72%	0.361%
76	10.499	735	736	737	rVV	821438	661371	8.28%	0.279%
77	10.545	737	740	741	rVV2	2542654	3869530	48.46%	1.634%
78	10.579	741	743	746	rVB3	401695	626948	7.85%	0.265%
79	10.671	749	751	755	rVV	4934795	6967955	87.26%	2.943%
80	10.876	764	769	774	rVB6	834059	2694230	33.74%	1.138%
81	10.991	777	779	781	rVB2	736404	973232	12.19%	0.411%
82	11.116	785	790	791	rBV	4181100	4192693	52.50%	1.771%
83	11.139	791	792	795	rVB	1597103	2272578	28.46%	0.960%
84	11.231	798	800	801	rBV	1424359	1246791	15.61%	0.527%
85	11.539	825	827	830	rBV	3388323	3166047	39.65%	1.337%
86	11.733	842	844	845	rVV	717378	905777	11.34%	0.383%
87	11.836	851	853	858	rVB2	757903	1616811	20.25%	0.683%
88	11.951	861	863	865	rVB	2082809	2718807	34.05%	1.148%
89	12.099	874	876	879	rVV3	354401	529256	6.63%	0.224%
90	12.168	880	882	884	rVV3	336578	638496	8.00%	0.270%
91	12.225	886	887	890	rVV	565164	566981	7.10%	0.239%
92	12.282	890	892	894	rVV	764571	991889	12.42%	0.419%
93	12.328	894	896	898	rVV	1950762	2342936	29.34%	0.989%
94	12.705	926	929	930	rVV	1748447	1728222	21.64%	0.730%
95	12.819	936	939	941	rBV	4280086	4530483	56.73%	1.913%
96	13.059	957	960	961	rBV	1182355	1179545	14.77%	0.498%
97	13.402	987	990	991	rBV	577587	732787	9.18%	0.309%
98	13.722	1016	1018	1026	rVB	525873	687109	8.60%	0.290%
99	13.859	1027	1030	1032	rVB	1035318	1096357	13.73%	0.463%
100	15.231	1148	1150	1153	rBV	629644	830467	10.40%	0.351%

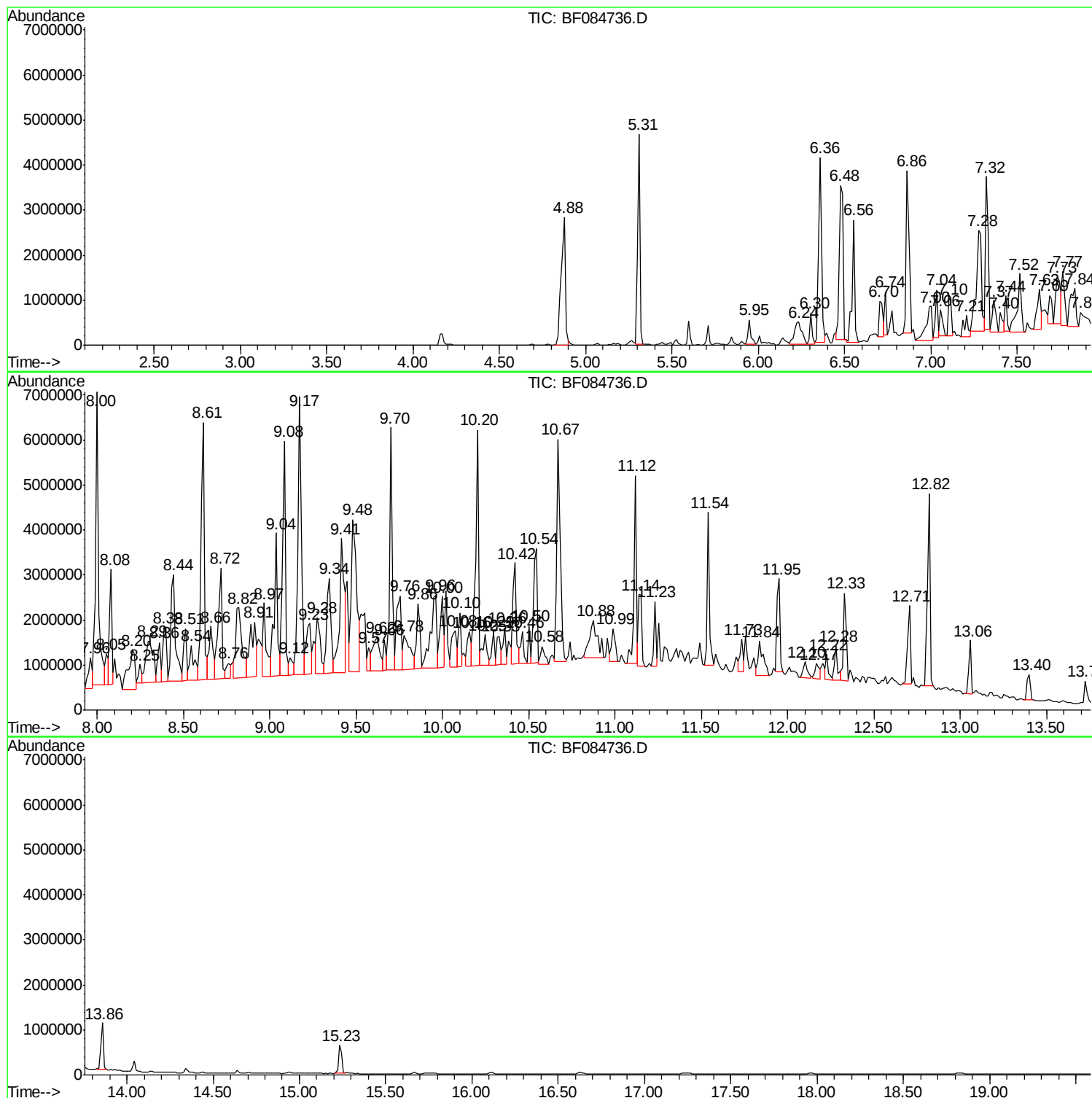
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampled :
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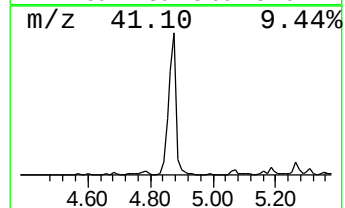
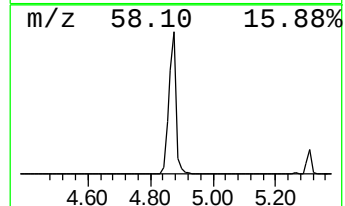
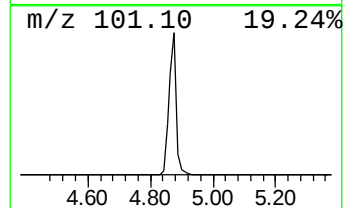
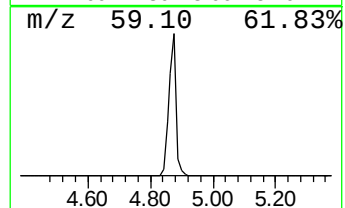
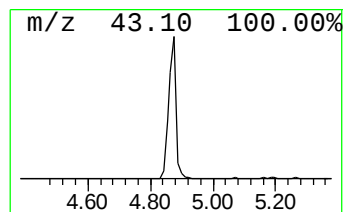
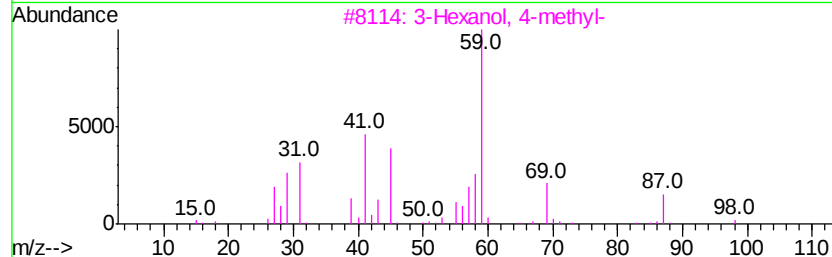
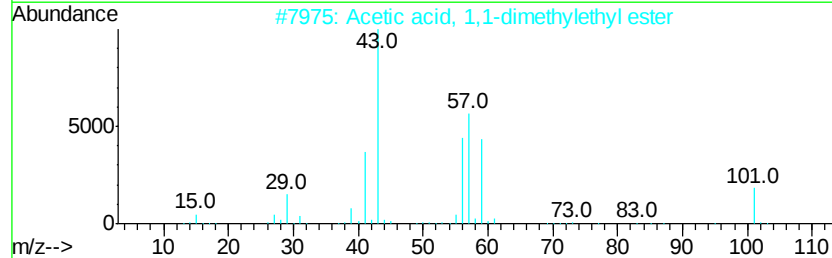
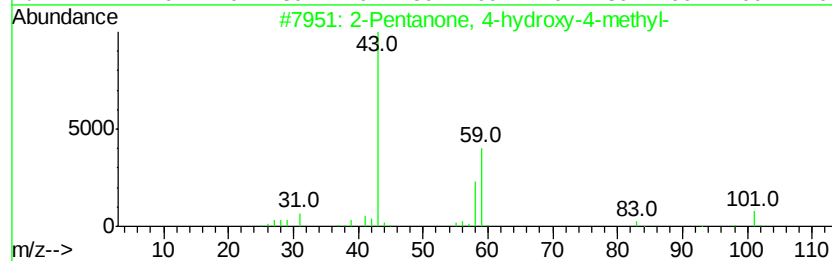
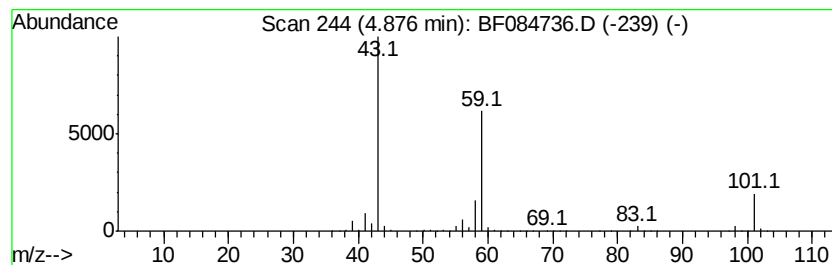
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	70.12 ng	4553120	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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



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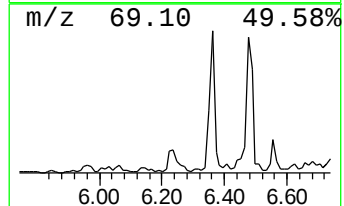
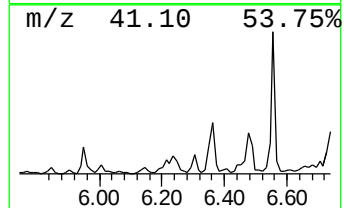
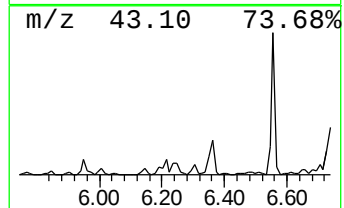
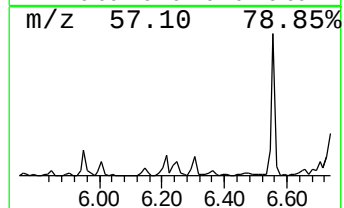
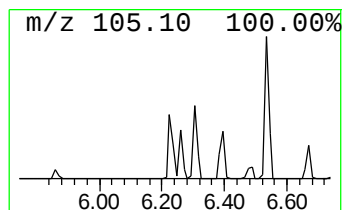
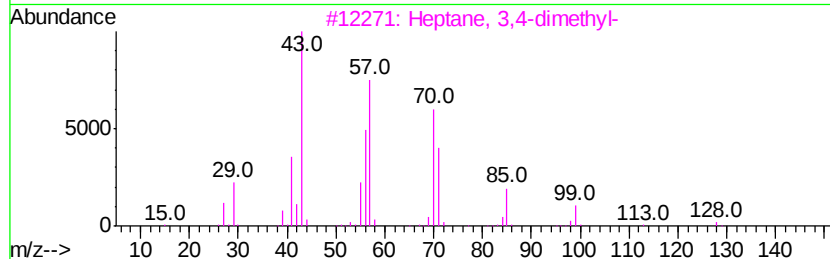
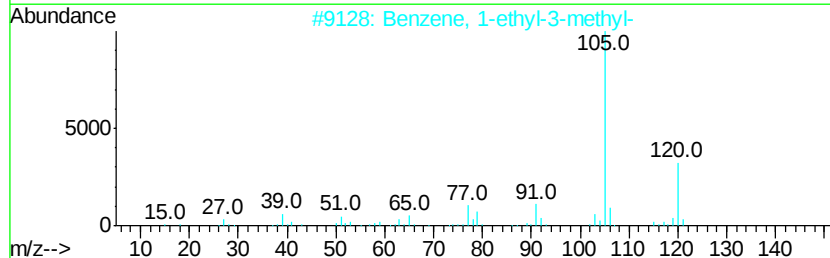
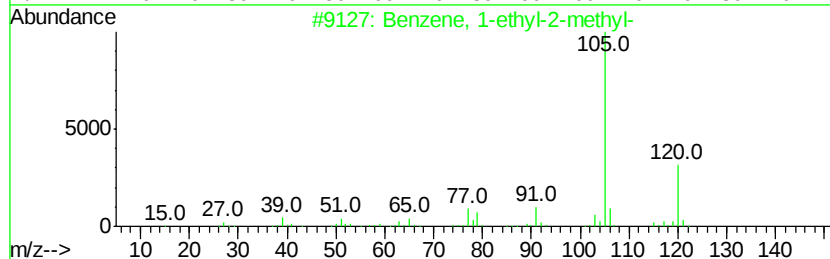
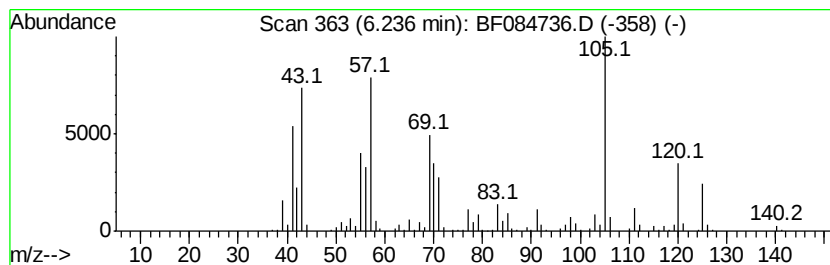
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	22.58 ng	1466070	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	35
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	35
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	27



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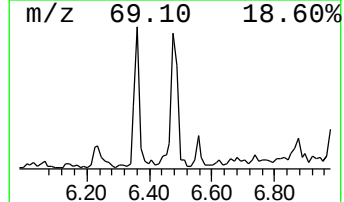
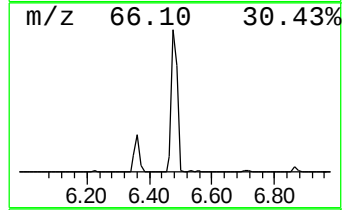
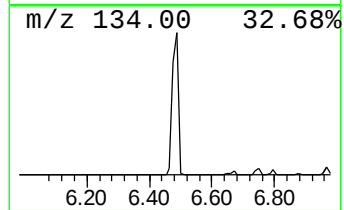
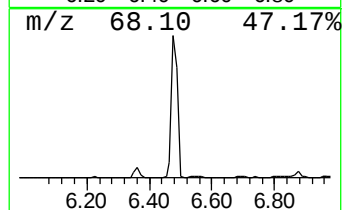
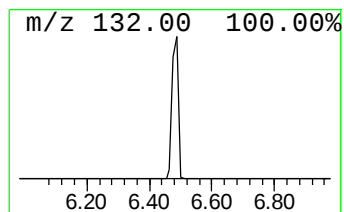
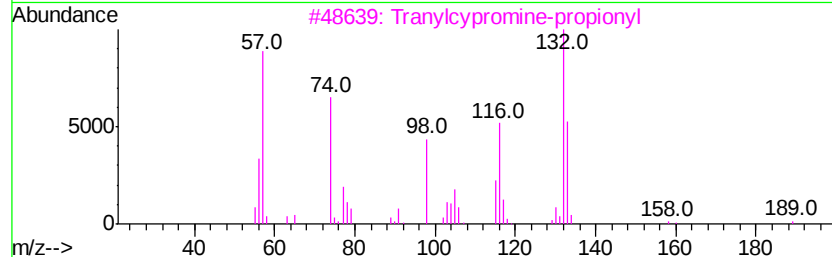
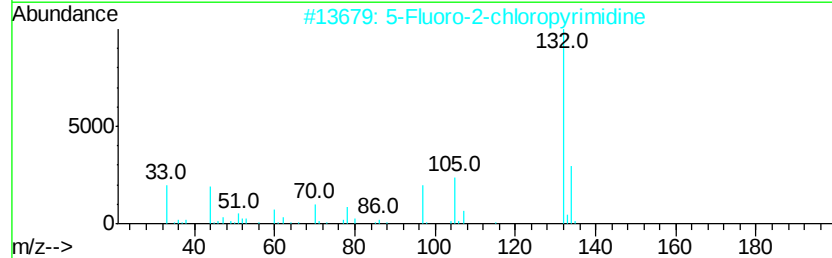
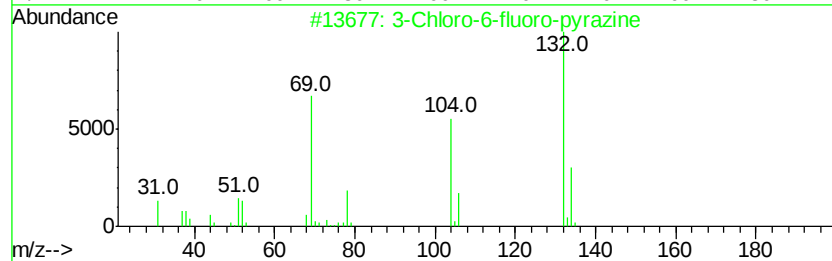
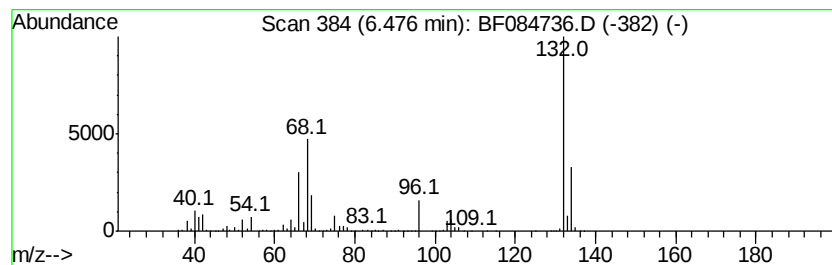
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Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	74.78 ng	4856150	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
Sample : H1306-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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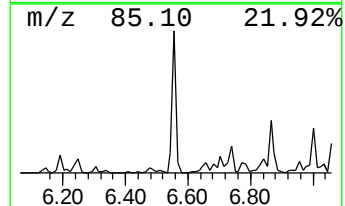
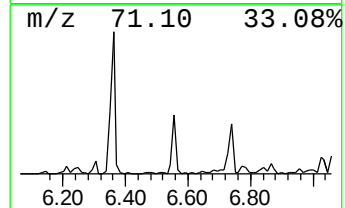
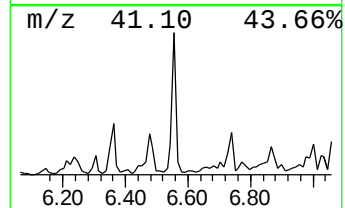
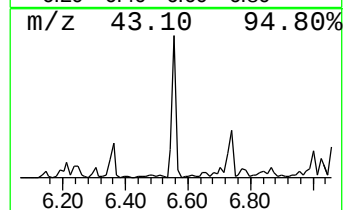
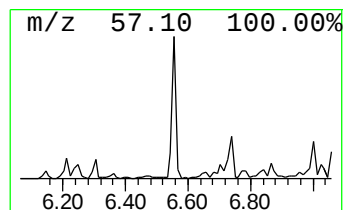
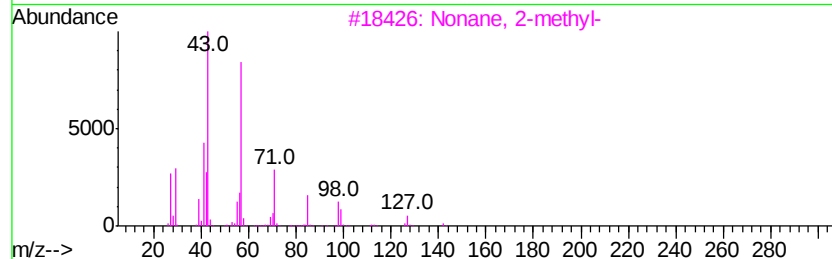
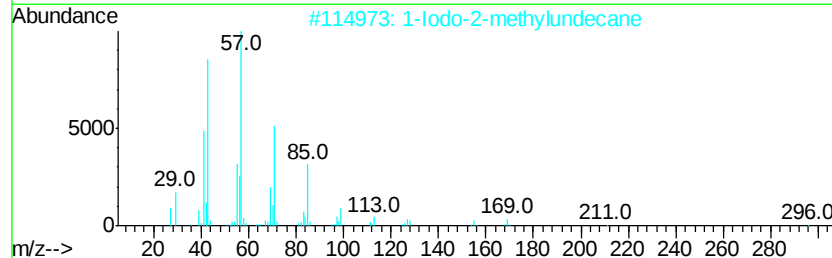
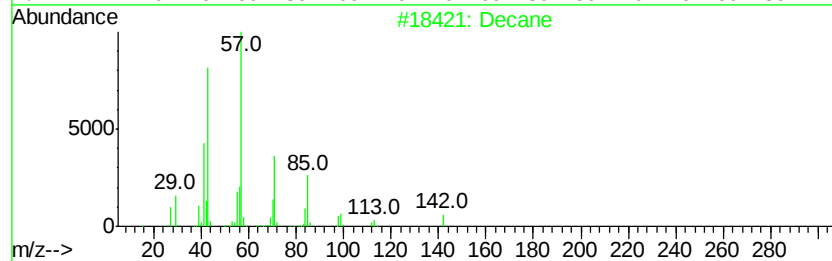
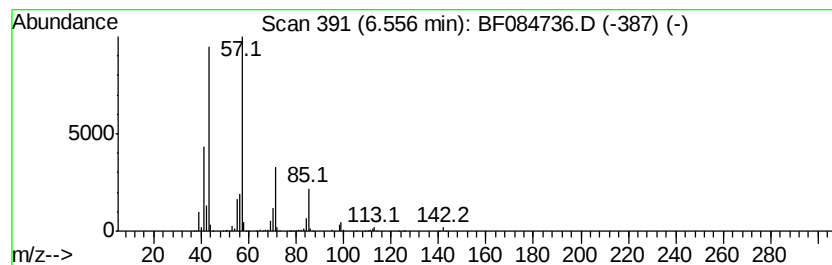
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	46.27 ng	3004560	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
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Misc :
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ClientSampled :
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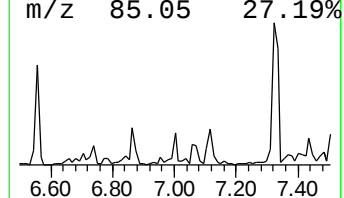
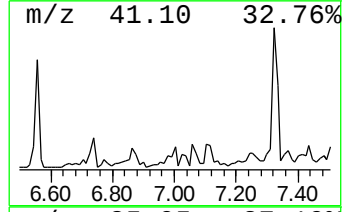
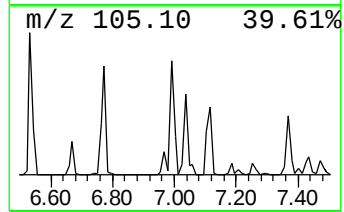
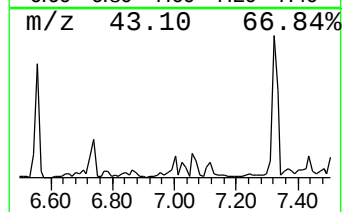
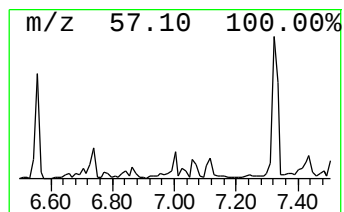
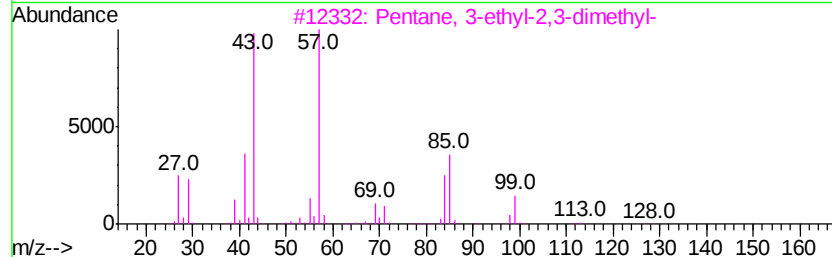
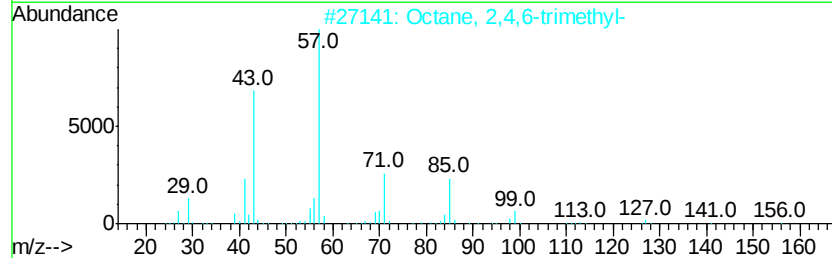
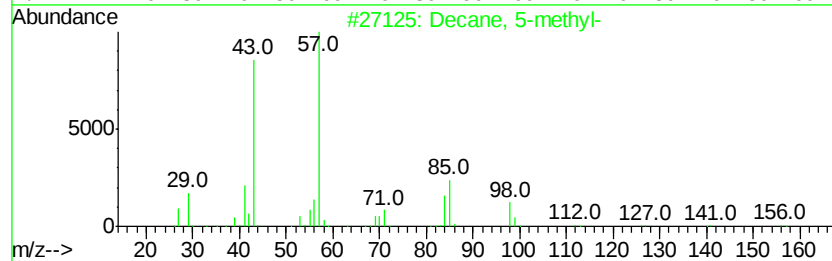
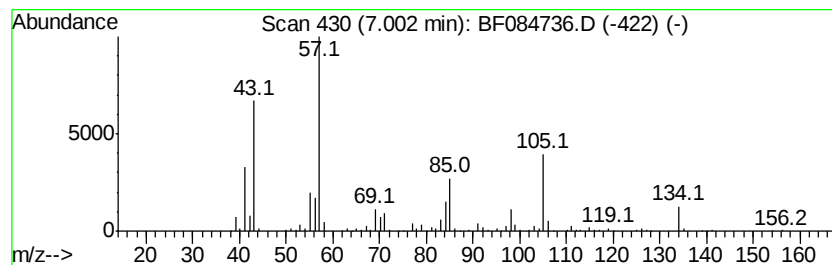
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	28.26 ng	1835240	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43
4		Octadecane, 6-methyl-	268	C19H40	010544-96-4	43
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
Sample : H1306-03
Misc :
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ClientSampleId :
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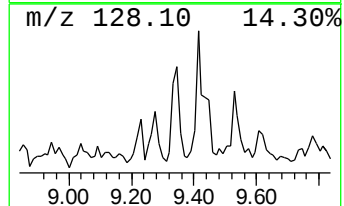
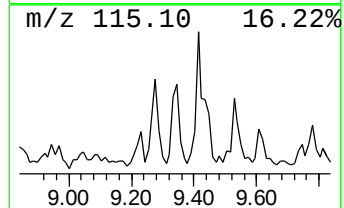
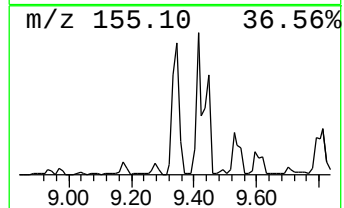
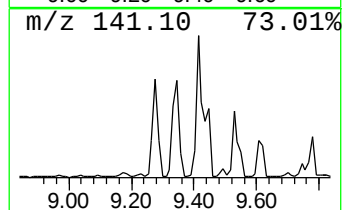
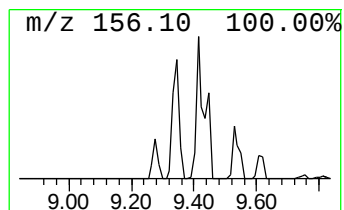
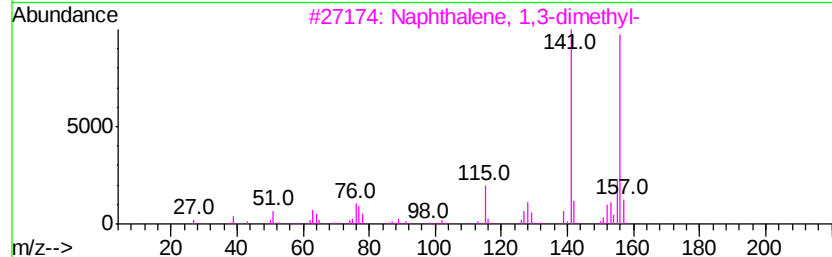
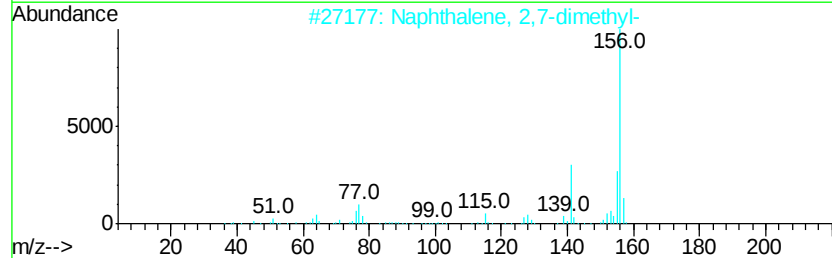
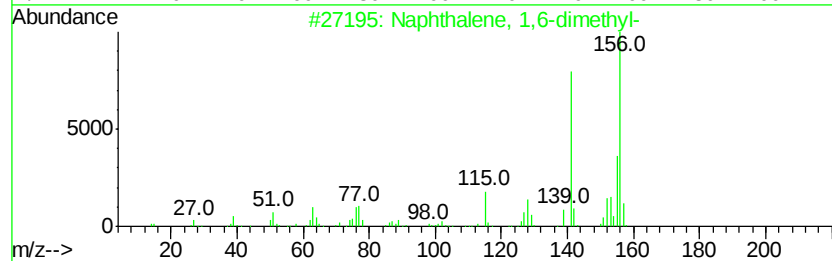
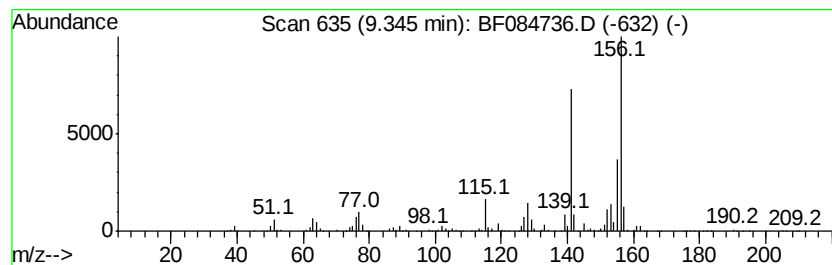
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	23.24 ng	3872460	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
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Instrument :
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ClientSampleId :
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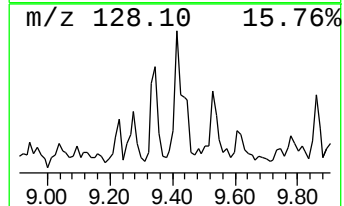
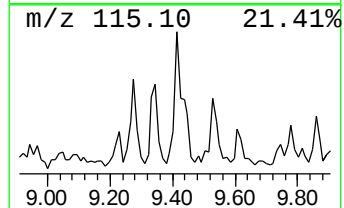
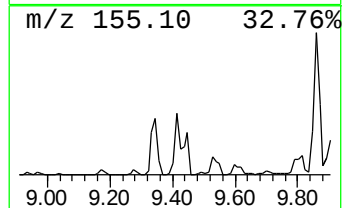
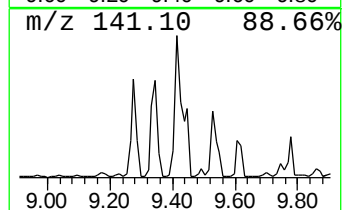
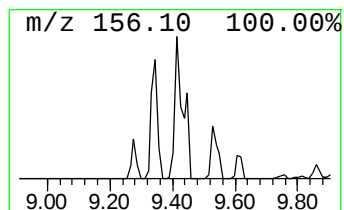
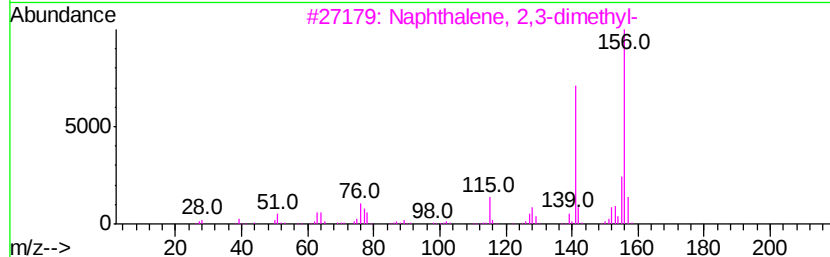
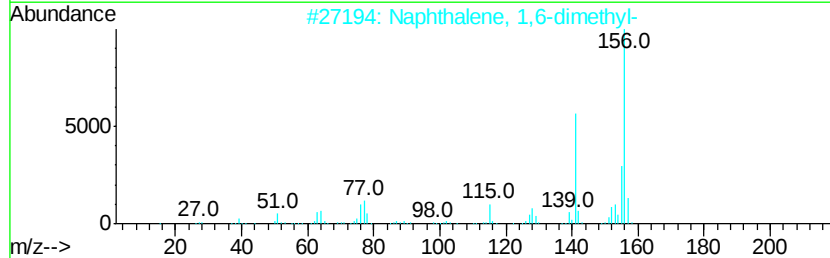
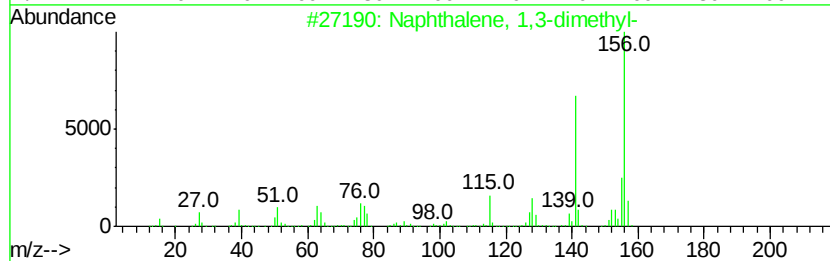
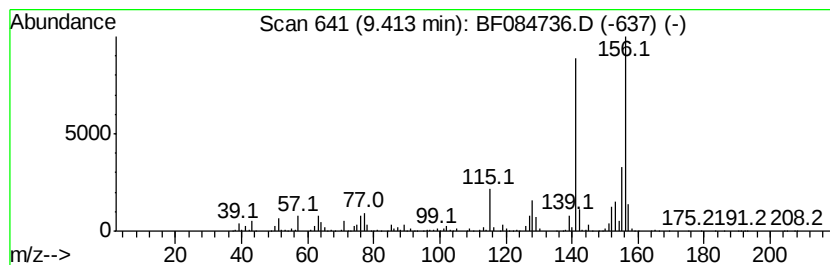
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	36.21 ng	6034830	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Acq On : 2 Feb 2016 3:45
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Sample : H1306-03
Misc :
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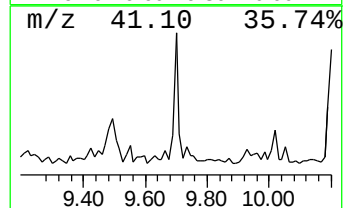
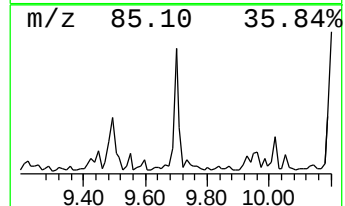
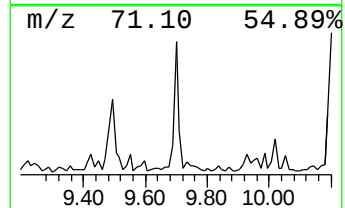
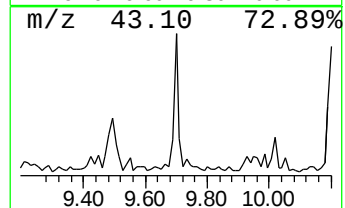
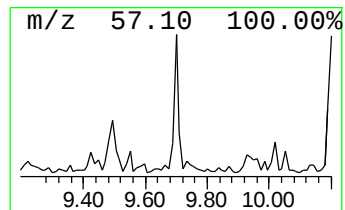
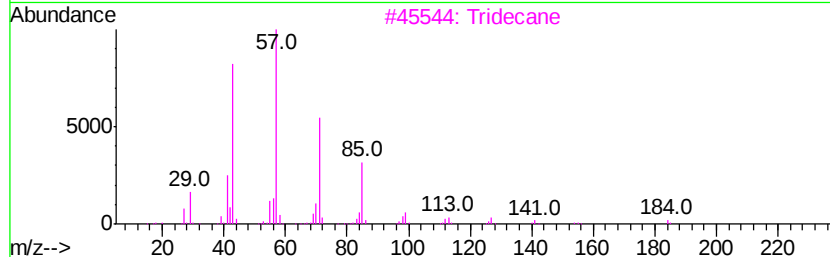
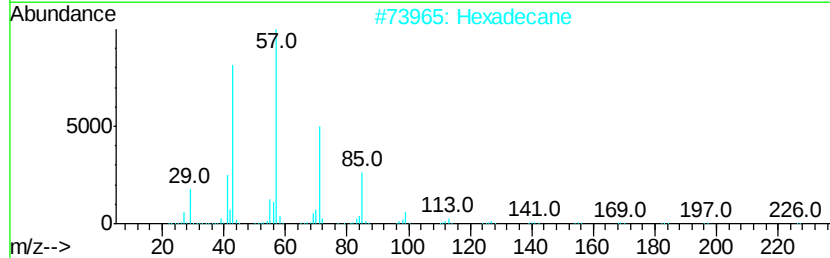
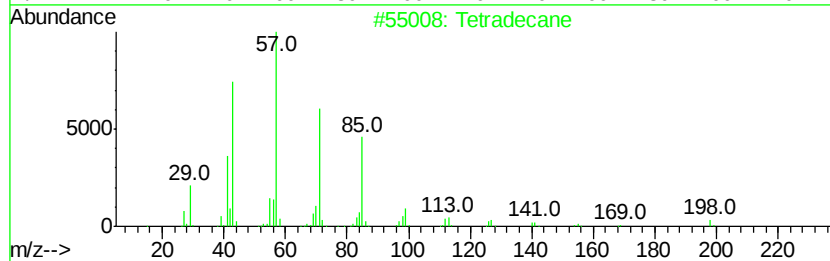
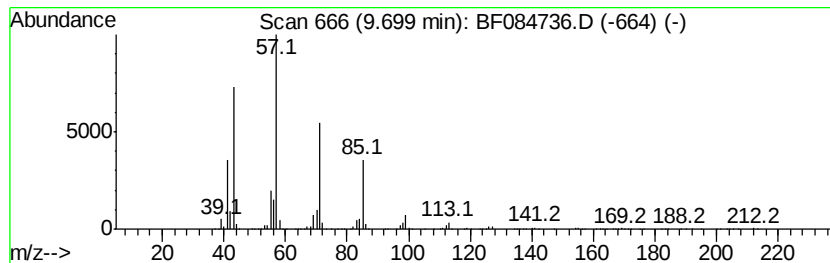
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	34.70 ng	5782880	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Hexadecane	226 C16H34	000544-76-3 90
3		Tridecane	184 C13H28	000629-50-5 80
4		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 72
5		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Acq On : 2 Feb 2016 3:45
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ClientSampleId :
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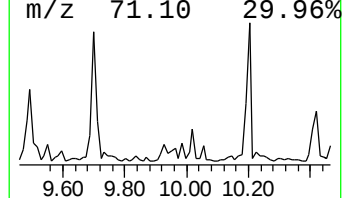
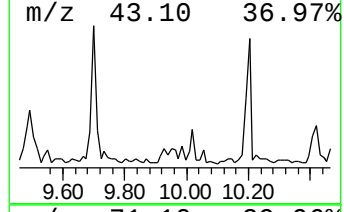
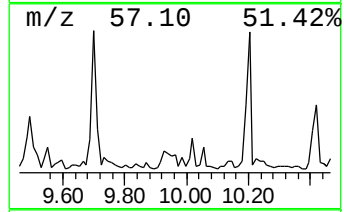
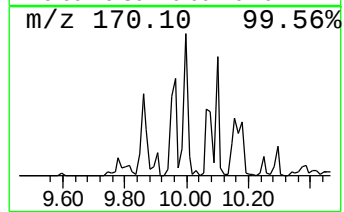
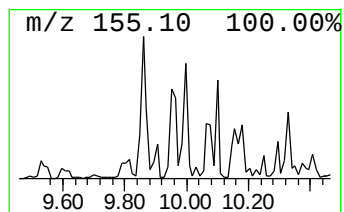
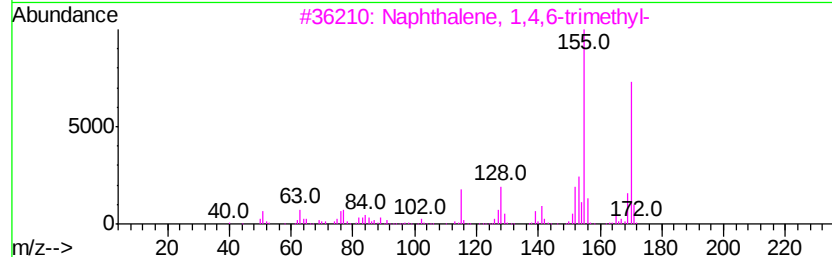
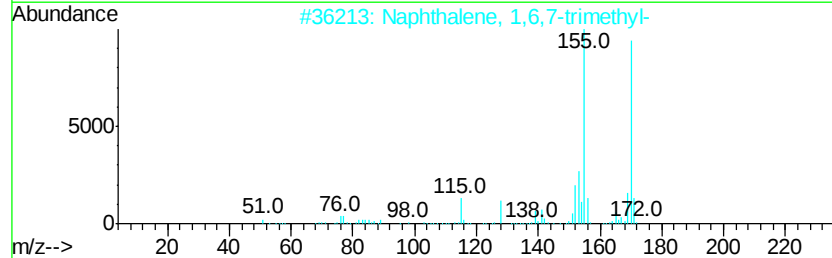
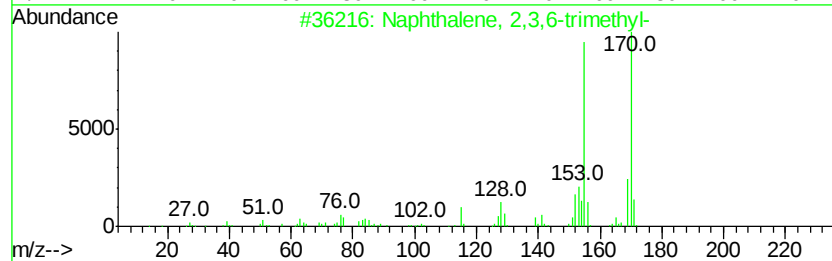
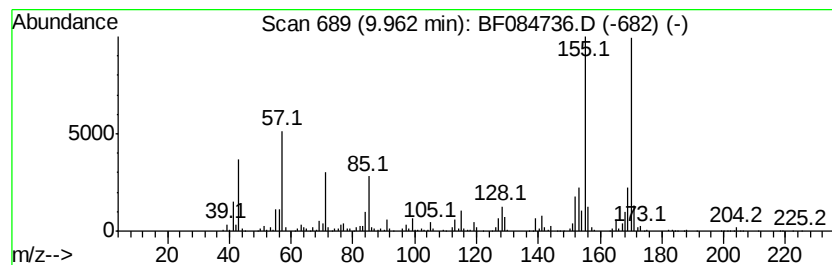
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	25.19 ng	4197760	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
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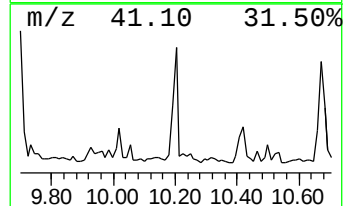
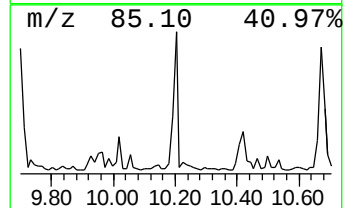
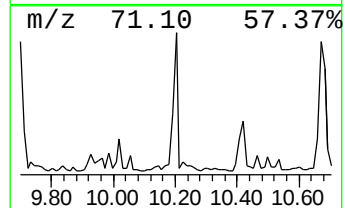
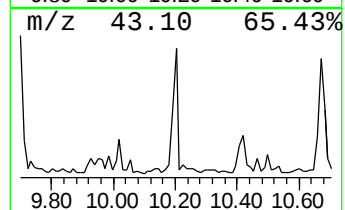
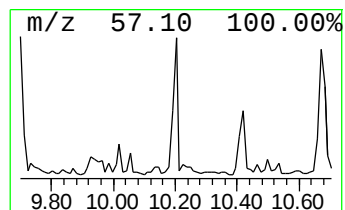
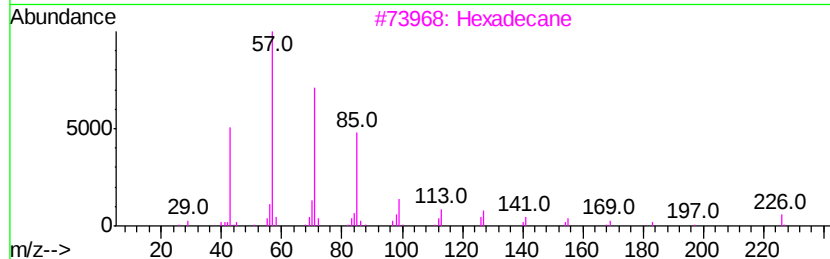
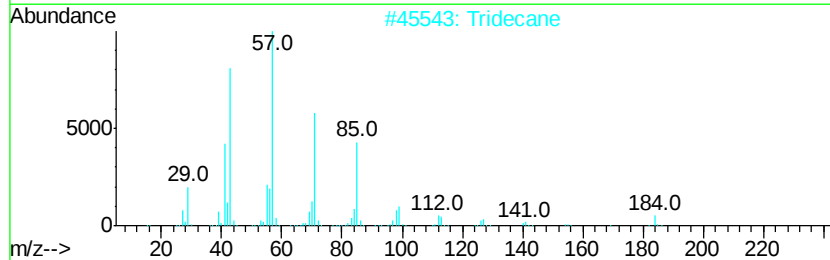
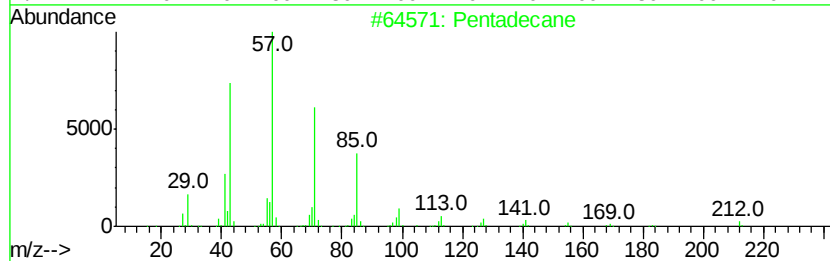
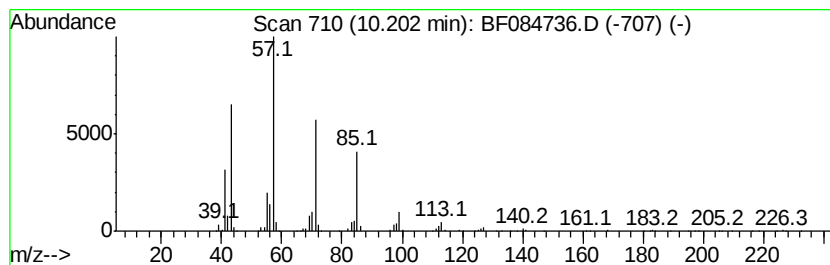
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	36.31 ng	6050530	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane		212 C15H32	000629-62-9 90
2	Tridecane		184 C13H28	000629-50-5 86
3	Hexadecane		226 C16H34	000544-76-3 83
4	Heptadecane		240 C17H36	000629-78-7 83
5	Pentadecane, 7-methyl-		226 C16H34	006165-40-8 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
Sample : H1306-03
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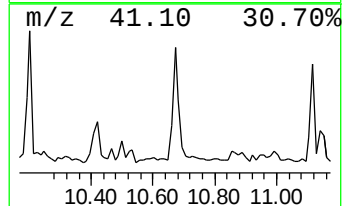
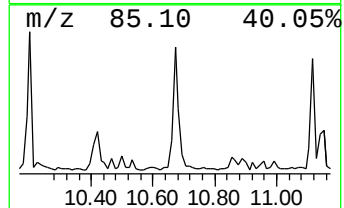
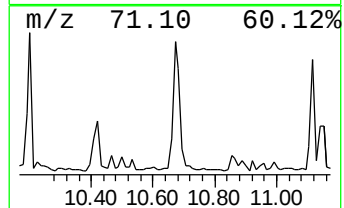
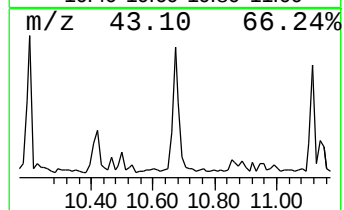
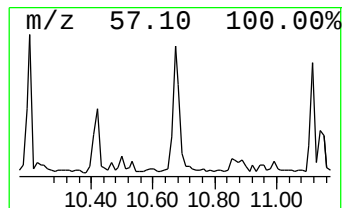
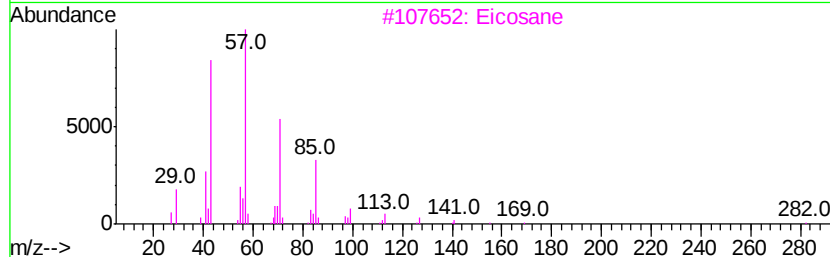
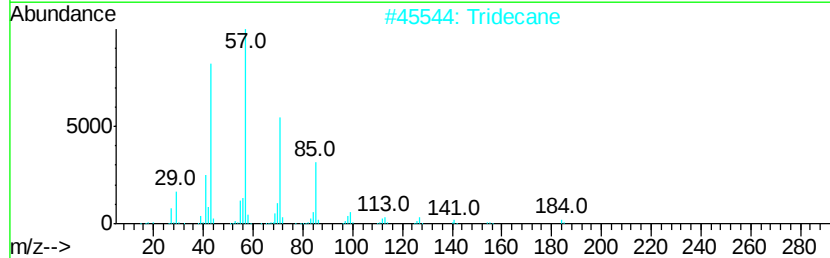
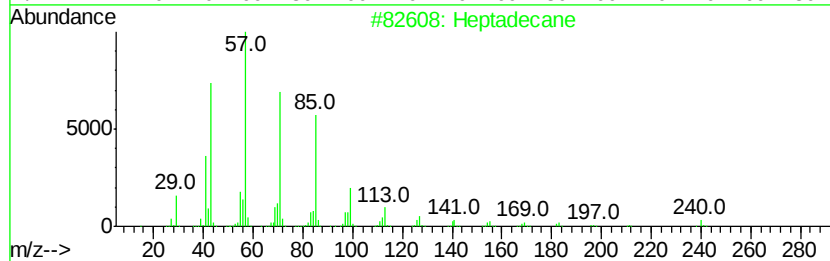
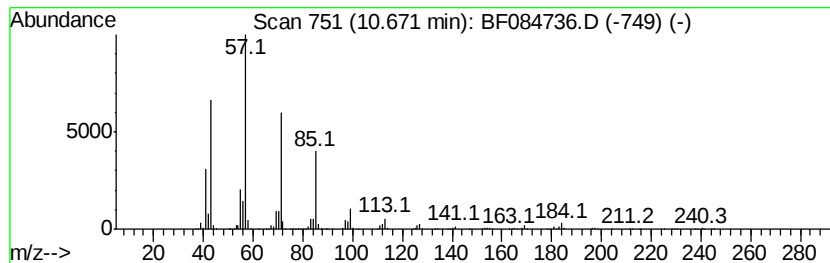
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.67	111.77 ng	6967960	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	94
3	Eicosane		282	C20H42	000112-95-8	91
4	Heptacosane		380	C27H56	000593-49-7	90
5	Pentadecane		212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
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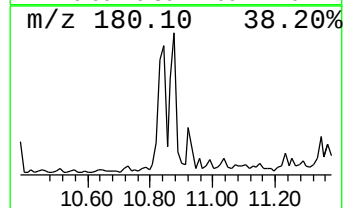
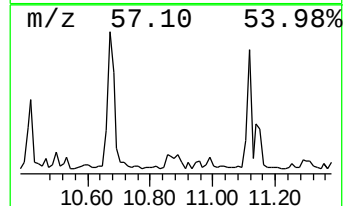
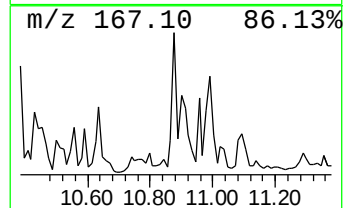
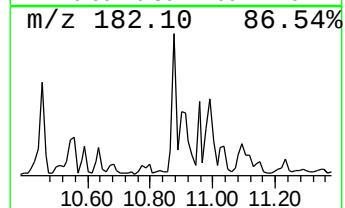
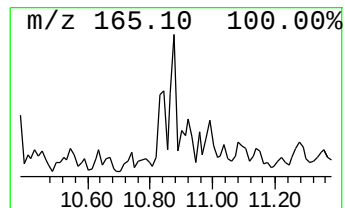
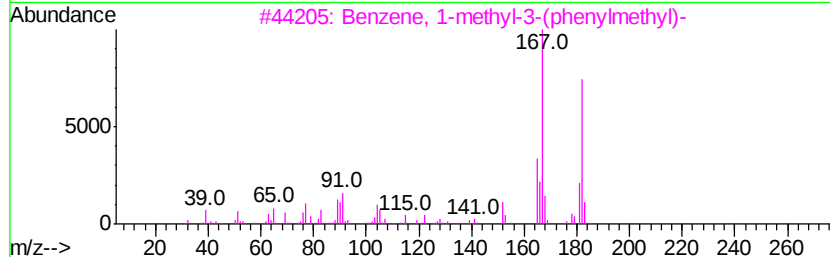
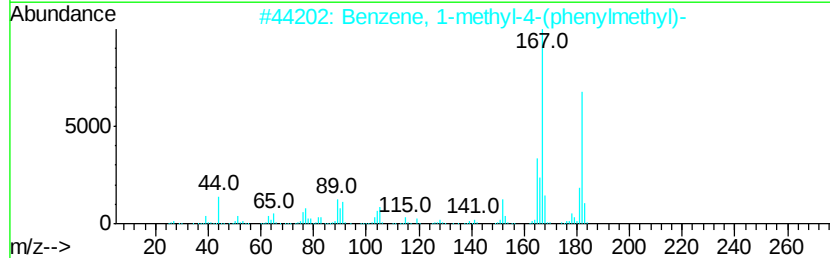
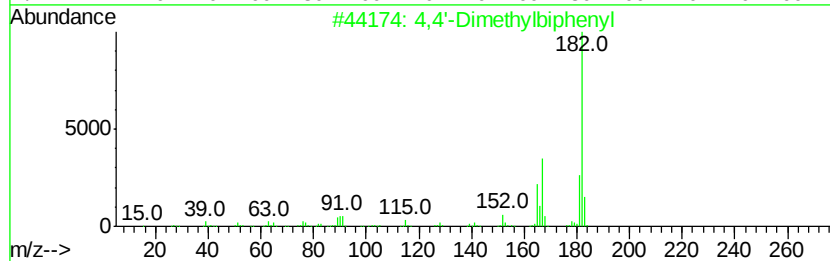
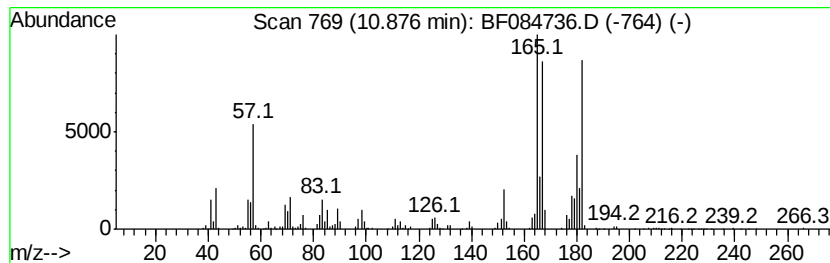
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,4'-Dimethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	43.22 ng	2694230	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	59
2		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	49
3		Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	49
4		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	46
5		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
Sample : H1306-03
Misc :
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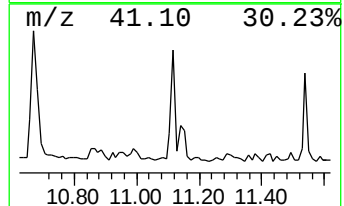
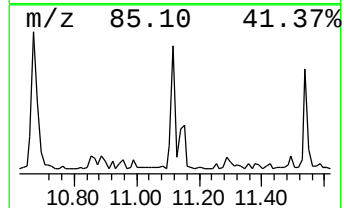
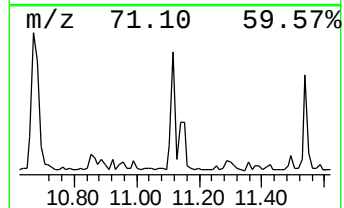
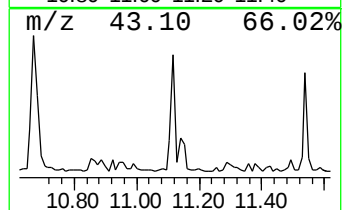
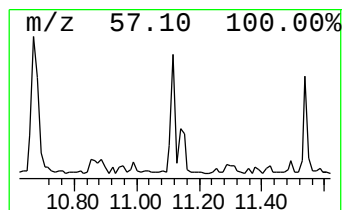
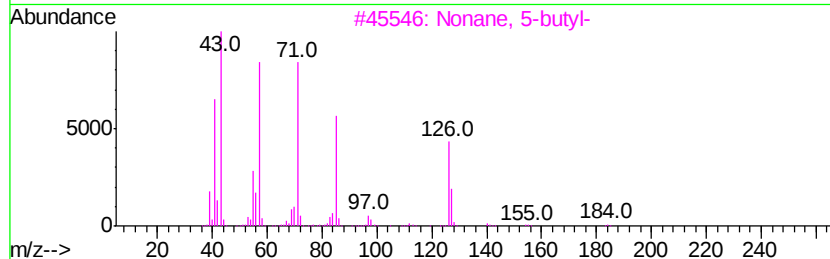
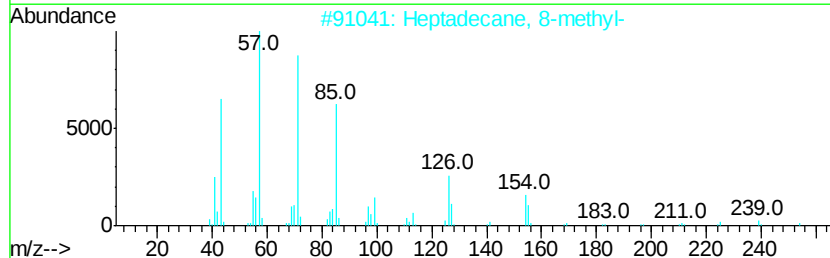
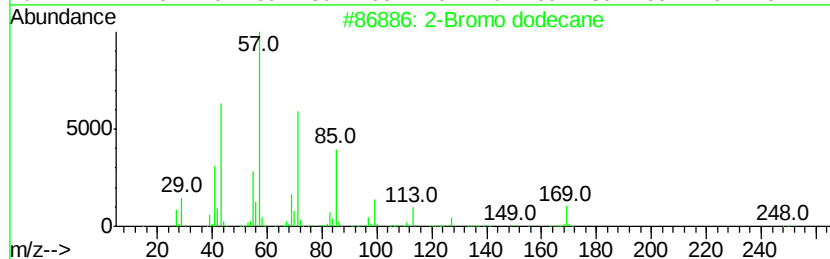
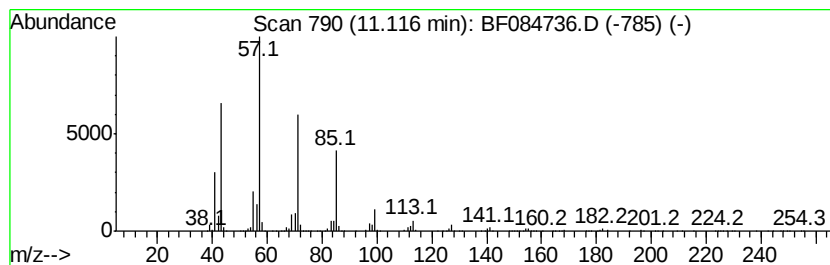
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	67.26 ng	4192690	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
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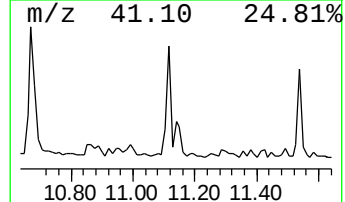
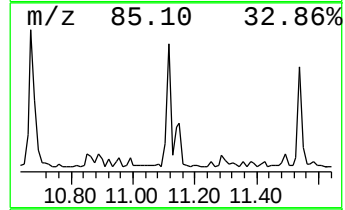
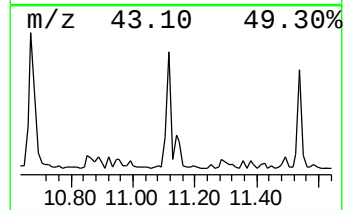
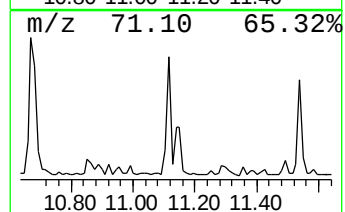
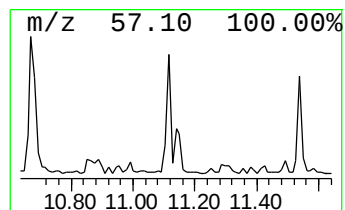
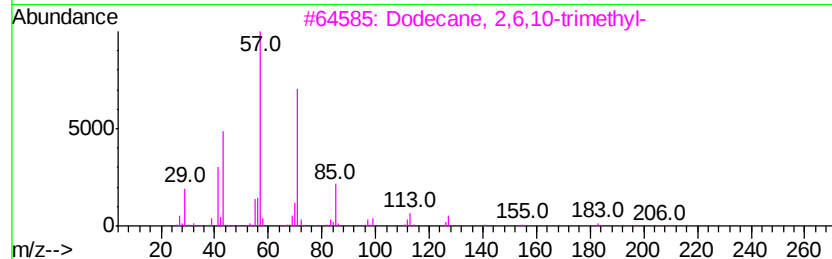
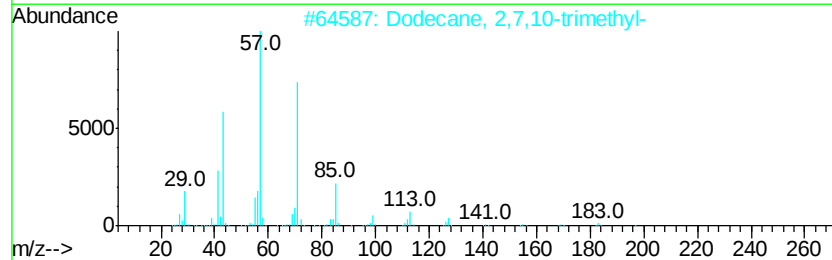
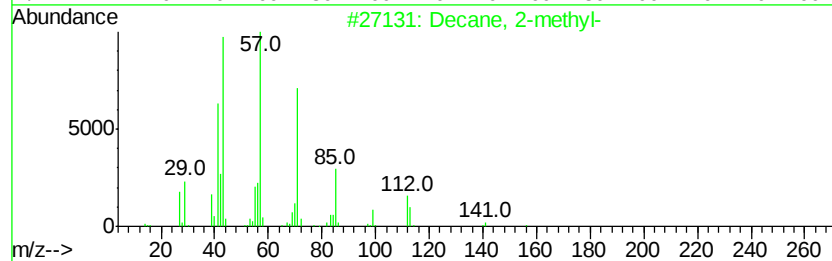
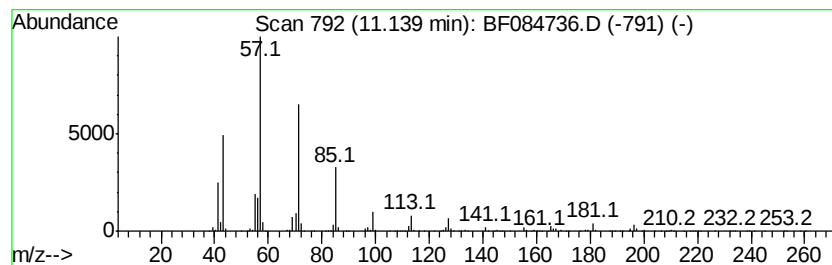
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	36.45 ng	2272580	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4		Octadecane	254	C18H38	000593-45-3	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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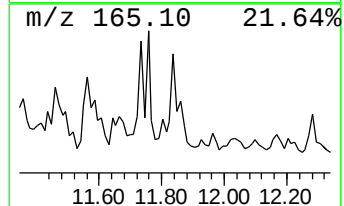
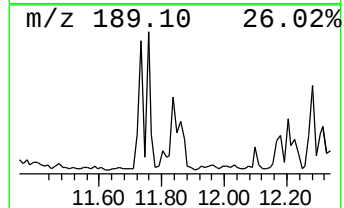
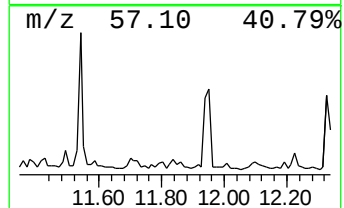
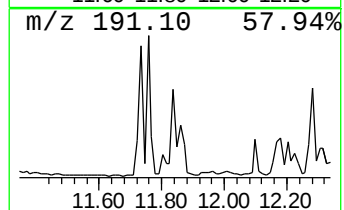
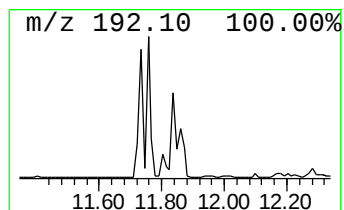
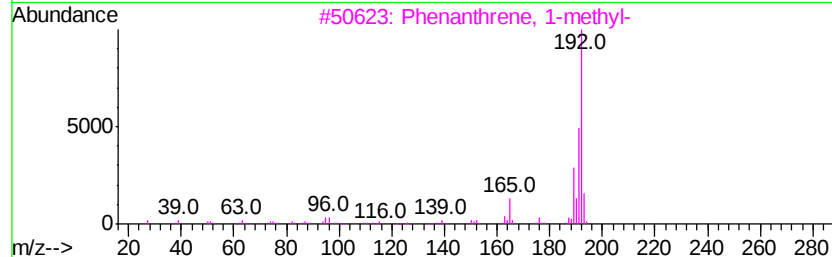
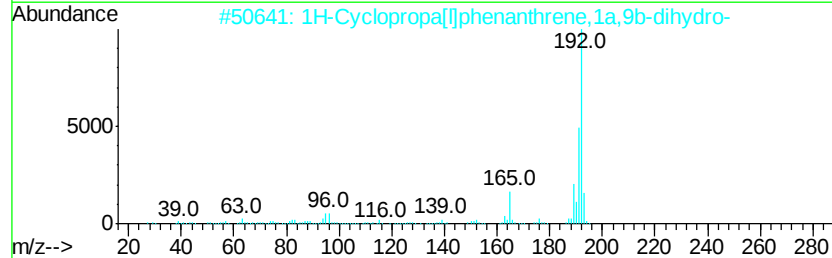
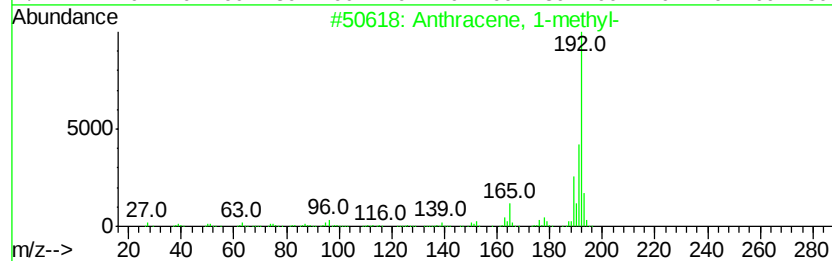
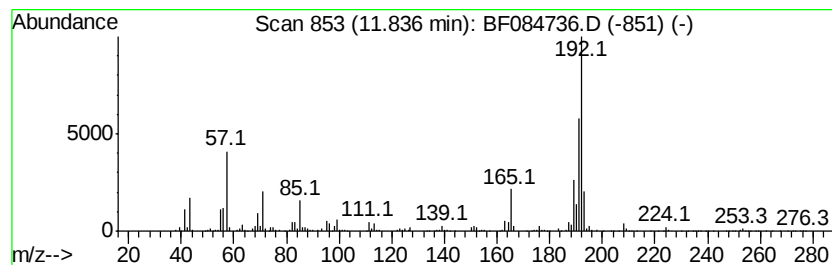
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	25.94 ng	1616810	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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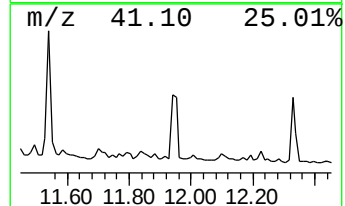
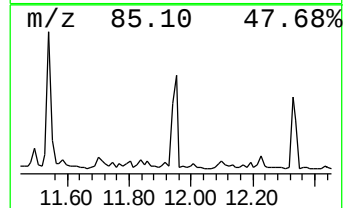
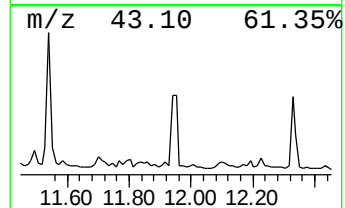
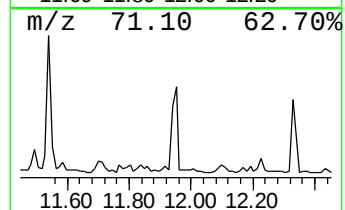
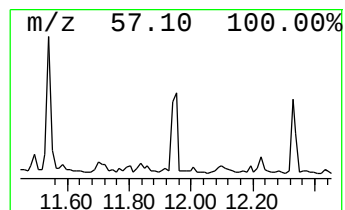
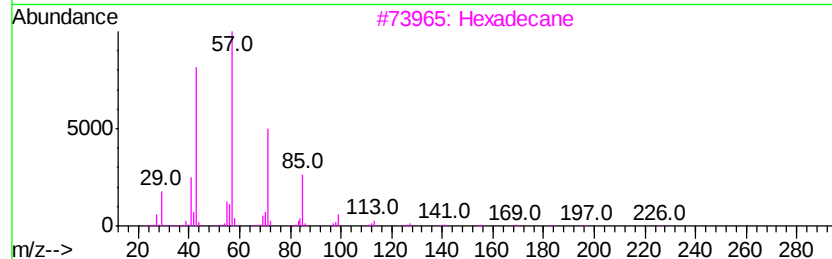
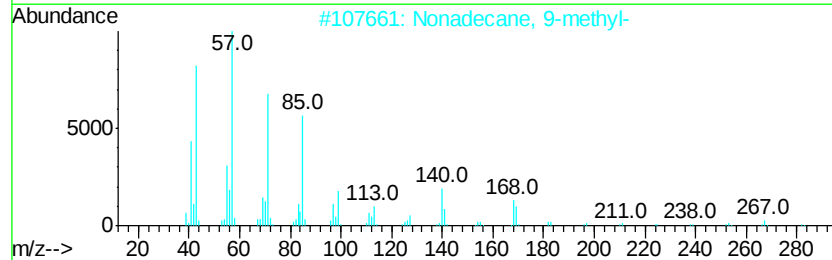
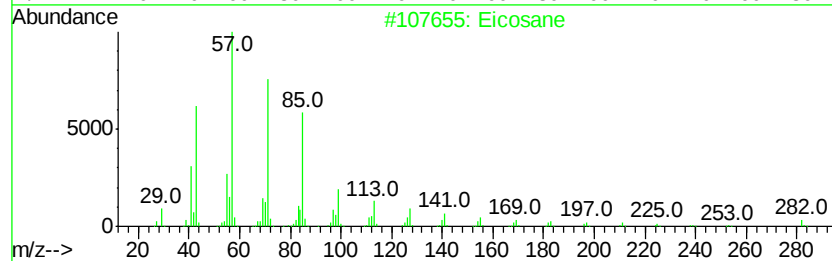
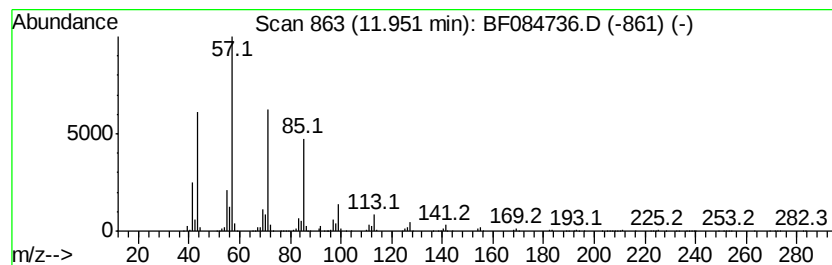
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	43.61 ng	2718810	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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Misc :
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ClientSampleId :
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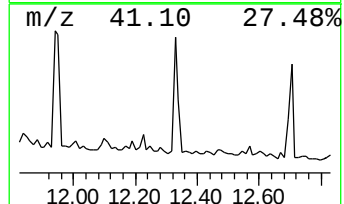
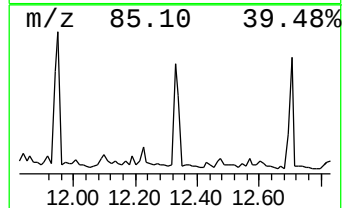
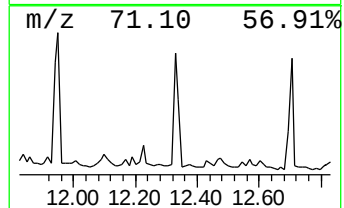
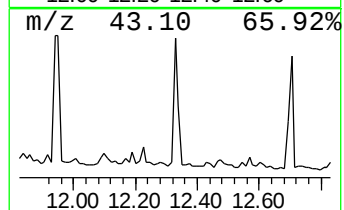
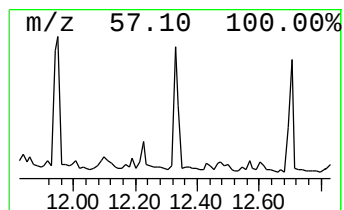
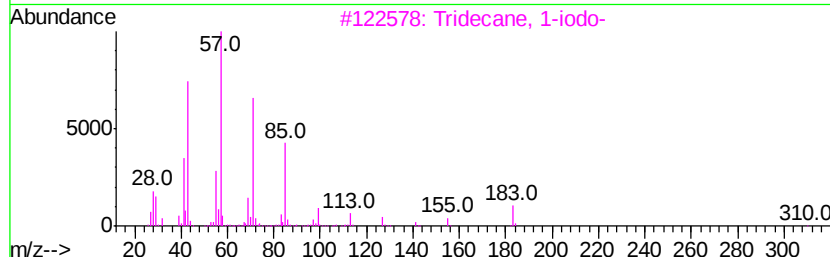
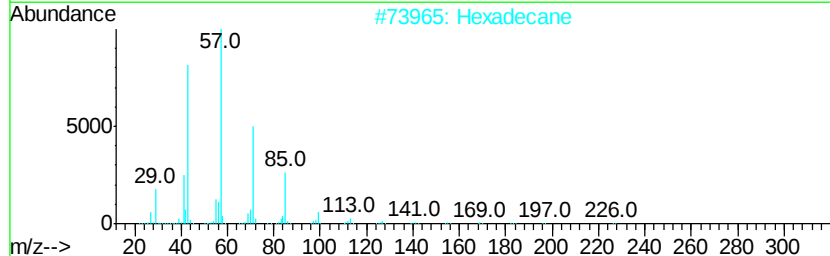
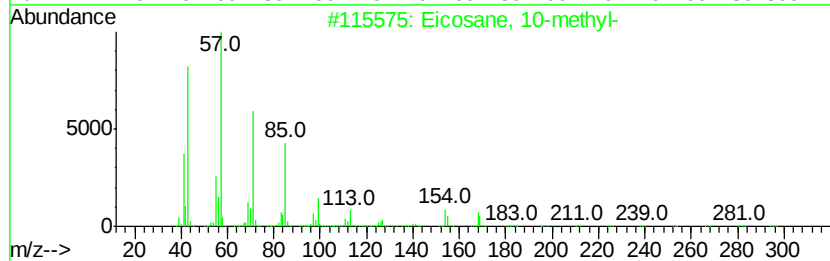
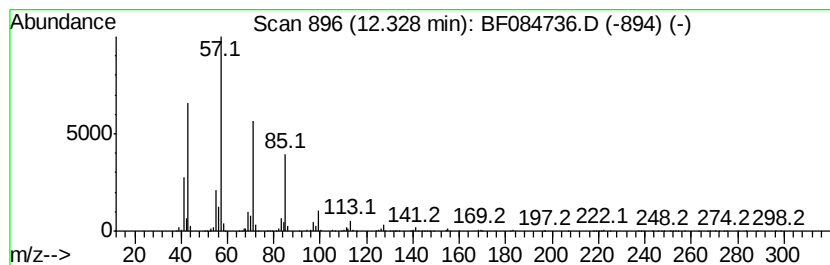
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 10-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	37.58 ng	2342940	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084736.D
Acq On : 2 Feb 2016 3:45
Operator : SJ/IZ
Sample : H1306-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLFS-SOIL02

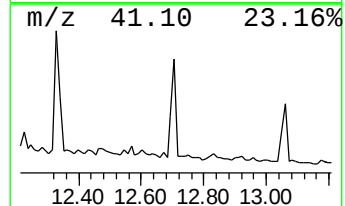
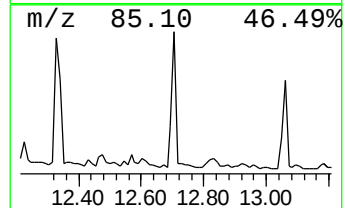
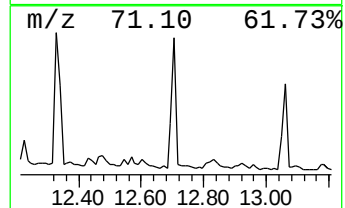
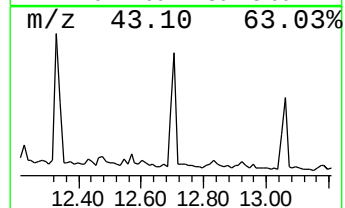
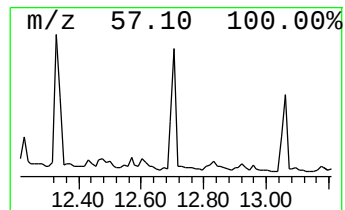
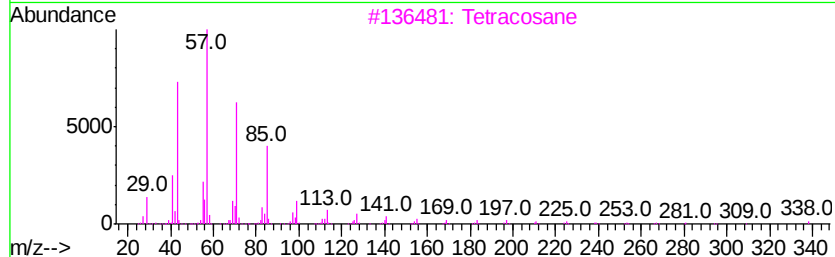
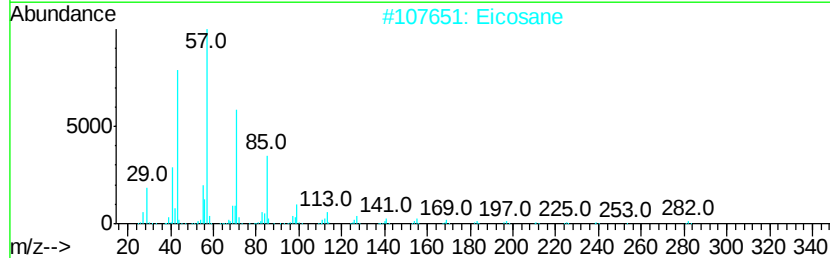
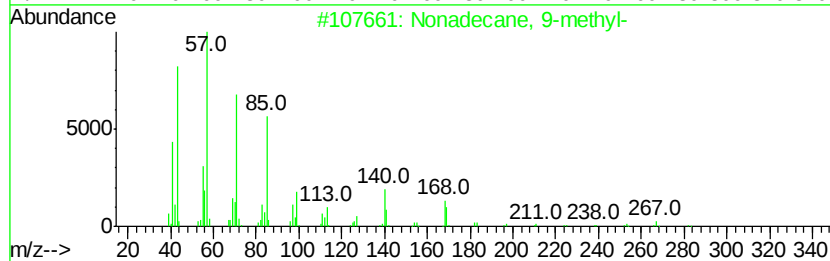
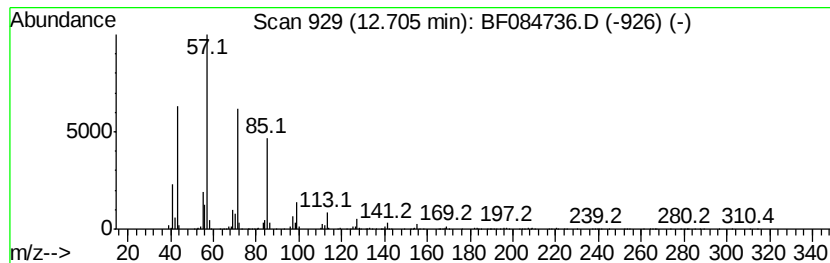
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	31.53 ng	1728220	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084736.D
 Acq On : 2 Feb 2016 3:45
 Operator : SJ/IZ
 Sample : H1306-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-SOIL02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.88	70.1	ng	4553120	1	6.72	1298700	20.0
Benzene, 1-ethyl-...	6.24	22.6	ng	1466070	1	6.72	1298700	20.0
unknown6.48	6.48	74.8	ng	4856150	1	6.72	1298700	20.0
Decane	6.56	46.3	ng	3004560	1	6.72	1298700	20.0
Decane, 5-methyl-	7.00	28.3	ng	1835240	1	6.72	1298700	20.0
Naphthalene, 1,6-...	9.34	23.2	ng	3872460	3	9.76	3332860	20.0
Naphthalene, 1,3-...	9.41	36.2	ng	6034830	3	9.76	3332860	20.0
Tetradecane	9.70	34.7	ng	5782880	3	9.76	3332860	20.0
Naphthalene, 2,3,...	9.96	25.2	ng	4197760	3	9.76	3332860	20.0
Pentadecane	10.20	36.3	ng	6050530	3	9.76	3332860	20.0
Heptadecane	10.67	111.8	ng	6967960	4	11.23	1246790	20.0
4,4'-Dimethylbiph...	10.88	43.2	ng	2694230	4	11.23	1246790	20.0
2-Bromo dodecane	11.12	67.3	ng	4192690	4	11.23	1246790	20.0
Decane, 2-methyl-	11.14	36.5	ng	2272580	4	11.23	1246790	20.0
Anthracene, 1-met...	11.84	25.9	ng	1616810	4	11.23	1246790	20.0
Eicosane	11.95	43.6	ng	2718810	4	11.23	1246790	20.0
Eicosane, 10-methyl-	12.33	37.6	ng	2342940	4	11.23	1246790	20.0
Nonadecane, 9-met...	12.71	31.5	ng	1728220	5	13.86	1096360	20.0