

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091044.D
 Acq On : 5 Nov 2016 2:08
 Operator : UM/SJ
 Sample : H5502-23 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-90-0.0-1.0

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-BF110316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.790	7	9	58	rVB	3891591	11103318	100.00%	17.221%
2	4.830	273	275	281	rBV	140749	167882	1.51%	0.260%
3	5.287	313	315	328	rBV	281747	367904	3.31%	0.571%
4	5.961	371	374	376	rBV	171008	176093	1.59%	0.273%
5	6.350	406	408	410	rBV	342270	382813	3.45%	0.594%
6	6.464	417	418	422	rBV	288848	429486	3.87%	0.666%
7	6.704	436	439	441	rBV	894945	1009513	9.09%	1.566%
8	6.853	450	452	455	rVB	337087	333568	3.00%	0.517%
9	7.264	486	488	491	rBV	151905	218460	1.97%	0.339%
10	7.985	549	551	556	rBV	1399393	1837551	16.55%	2.850%
11	8.065	556	558	559	rVB	195106	153864	1.39%	0.239%
12	8.316	574	580	581	rBV2	124173	306554	2.76%	0.475%
13	8.385	584	586	587	rVB	109387	127021	1.14%	0.197%
14	8.419	587	589	594	rVB	256281	434343	3.91%	0.674%
15	8.590	602	604	606	rBV	732434	773608	6.97%	1.200%
16	8.693	611	613	619	rVB2	99506	197586	1.78%	0.306%
17	8.807	619	623	625	rVB3	70569	132111	1.19%	0.205%
18	8.876	625	629	630	rBV	149033	196523	1.77%	0.305%
19	8.899	630	631	635	rVB2	127077	200445	1.81%	0.311%
20	9.002	638	640	641	rBV	100951	115554	1.04%	0.179%
21	9.025	641	642	643	rVB	231809	159021	1.43%	0.247%
22	9.070	643	646	648	rVB	515459	475986	4.29%	0.738%
23	9.162	651	654	656	rBV	565371	636732	5.73%	0.988%
24	9.219	656	659	662	rVB3	48165	122172	1.10%	0.189%
25	9.413	673	676	679	rBV3	84644	186030	1.68%	0.289%
26	9.470	679	681	685	rBV2	258497	480580	4.33%	0.745%
27	9.688	698	700	702	rVB	753885	608131	5.48%	0.943%
28	9.745	702	705	706	rBV	1536553	1510687	13.61%	2.343%
29	9.768	706	707	710	rVB	201950	291597	2.63%	0.452%
30	9.916	717	720	721	rBV2	190753	306353	2.76%	0.475%
31	9.950	721	723	724	rVB	266450	274317	2.47%	0.425%
32	10.008	726	728	730	rVB	411923	369582	3.33%	0.573%
33	10.042	730	731	734	rBV	123715	123628	1.11%	0.192%
34	10.133	735	739	740	rBV2	113977	195929	1.76%	0.304%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.190	741	744	745 rBV	1148574	1408258	12.68%	2.184%
36	10.236	745	748	751 rVB3	155280	285554	2.57%	0.443%
37	10.293	751	753	756 rBV2	303856	608165	5.48%	0.943%
38	10.408	760	763	764 rBV	1103308	1244963	11.21%	1.931%
39	10.453	764	767	769 rVB3	191151	385967	3.48%	0.599%
40	10.488	769	770	771 rBV	244244	214867	1.94%	0.333%
41	10.522	771	773	776 rVB2	371647	501368	4.52%	0.778%
42	10.568	776	777	780 rBV3	82493	131985	1.19%	0.205%
43	10.659	783	785	790 rVV	2174082	3139913	28.28%	4.870%
44	10.853	799	802	804 rBV	313221	493172	4.44%	0.765%
45	10.911	806	807	809 rBV2	119149	140530	1.27%	0.218%
46	10.945	809	810	811 rBV	163570	121588	1.10%	0.189%
47	10.991	811	814	816 rBV2	207614	306394	2.76%	0.475%
48	11.036	816	818	819 rVV	119061	117247	1.06%	0.182%
49	11.105	822	824	825 rVV	1642248	1442662	12.99%	2.238%
50	11.139	825	827	830 rVB	764128	967847	8.72%	1.501%
51	11.185	830	831	833 rBV2	140357	146510	1.32%	0.227%
52	11.253	833	837	838 rBV2	2149767	3331075	30.00%	5.166%
53	11.299	838	841	843 rVV	711524	819543	7.38%	1.271%
54	11.459	852	855	856 rBV2	194861	303435	2.73%	0.471%
55	11.528	859	861	864 rBV	914516	858379	7.73%	1.331%
56	11.688	873	875	876 rBV2	93369	118717	1.07%	0.184%
57	11.722	876	878	880 rVV	179090	279772	2.52%	0.434%
58	11.756	880	881	883 rVB	284472	233378	2.10%	0.362%
59	11.802	883	885	886 rBV2	128102	146430	1.32%	0.227%
60	11.836	886	888	893 rVB2	601464	833743	7.51%	1.293%
61	11.939	893	897	898 rBV	296410	328226	2.96%	0.509%
62	12.019	903	904	905 rVV	134994	112103	1.01%	0.174%
63	12.042	905	906	909 rVB2	111251	133723	1.20%	0.207%
64	12.225	919	922	924 rVB3	70862	133792	1.20%	0.208%
65	12.271	924	926	928 rBV2	112699	154377	1.39%	0.239%
66	12.328	928	931	932 rVB2	83310	131270	1.18%	0.204%
67	12.362	932	934	938 rVB	126360	171839	1.55%	0.267%
68	12.442	938	941	943 rBV	2456724	3264005	29.40%	5.062%
69	12.579	950	953	955 rBV2	136709	209653	1.89%	0.325%
70	12.659	957	960	962 rBV2	2350893	3047225	27.44%	4.726%
71	12.694	962	963	969 rVB3	183211	311986	2.81%	0.484%

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72	12.785	969	971	972	rBV	169989	266597	2.40%	0.413%
73	12.808	972	973	976	rVB2	470208	515386	4.64%	0.799%
74	12.876	976	979	981	rBV2	137561	265289	2.39%	0.411%
75	12.991	985	989	991	rVB	430365	516355	4.65%	0.801%
76	13.059	993	995	996	rBV	381860	451899	4.07%	0.701%
77	13.094	996	998	1002	rVB2	283777	419609	3.78%	0.651%
78	13.185	1004	1006	1007	rBV2	141100	150172	1.35%	0.233%
79	13.391	1022	1024	1027	rBV3	81596	191613	1.73%	0.297%
80	13.494	1032	1033	1036	rVB	135549	166940	1.50%	0.259%
81	13.608	1040	1043	1044	rBV	268636	357981	3.22%	0.555%
82	13.711	1050	1052	1054	rVB	168305	185565	1.67%	0.288%
83	13.859	1062	1065	1071	rVB3	1764689	3991760	35.95%	6.191%
84	13.962	1072	1074	1075	rVB	234689	187372	1.69%	0.291%
85	14.248	1097	1099	1100	rVB	188062	176687	1.59%	0.274%
86	14.865	1150	1153	1157	rBV	1083812	1959382	17.65%	3.039%
87	15.140	1174	1177	1180	rVV	442895	619781	5.58%	0.961%
88	15.197	1180	1182	1184	rVB	739427	895596	8.07%	1.389%
89	15.254	1184	1187	1193	rVB3	564082	1201553	10.82%	1.864%
90	16.557	1298	1301	1306	rVB	267950	536218	4.83%	0.832%
91	16.957	1333	1336	1344	rVB	198843	434270	3.91%	0.674%

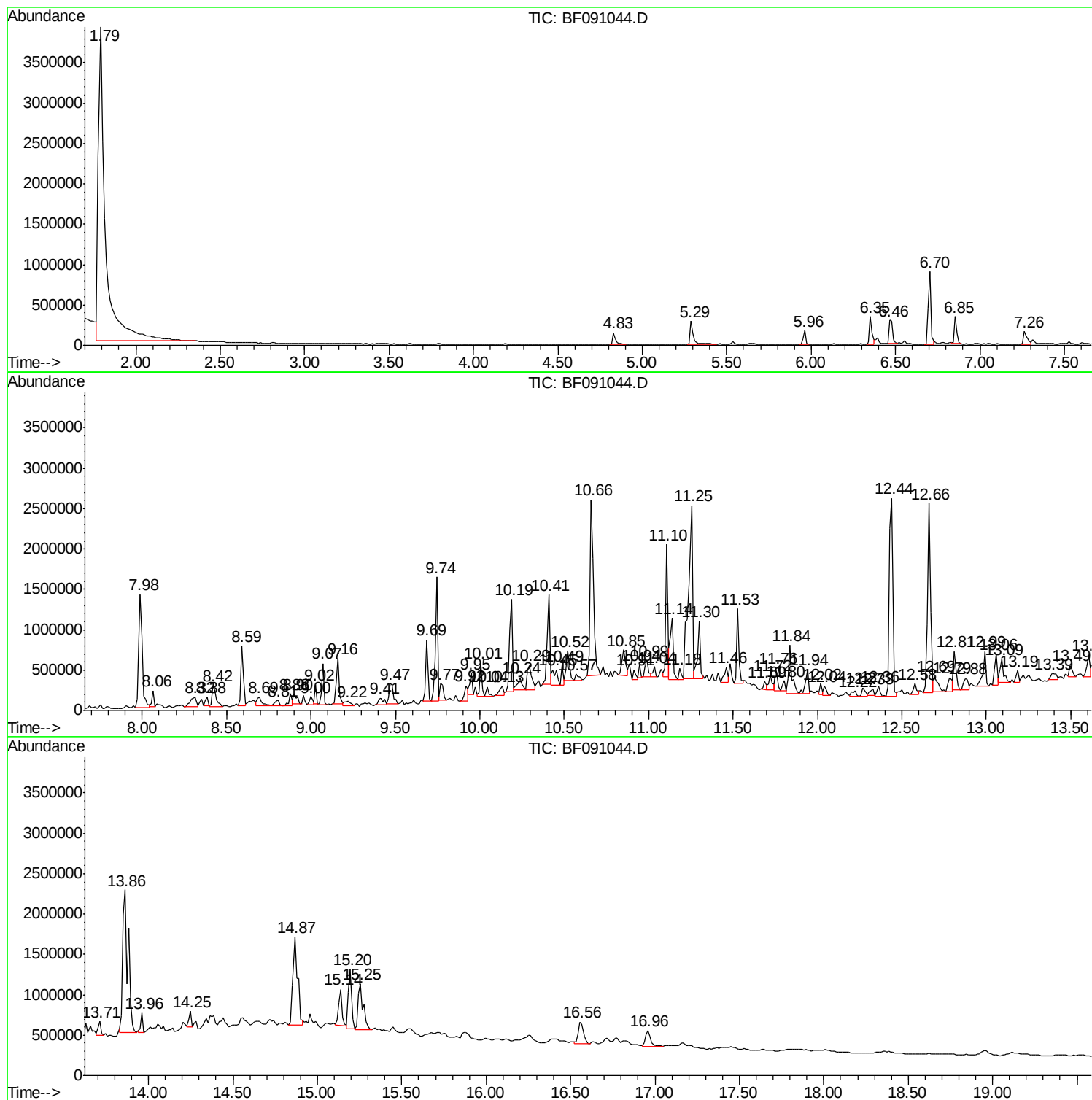
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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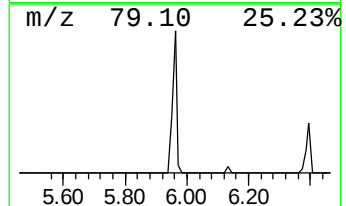
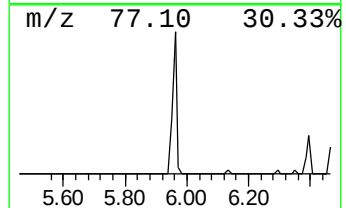
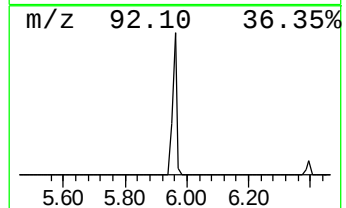
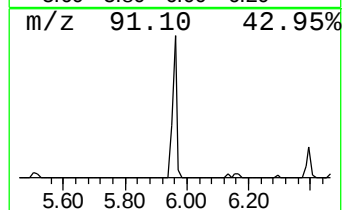
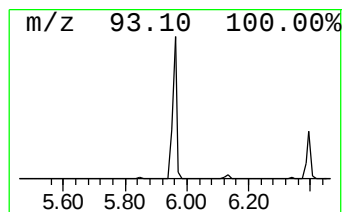
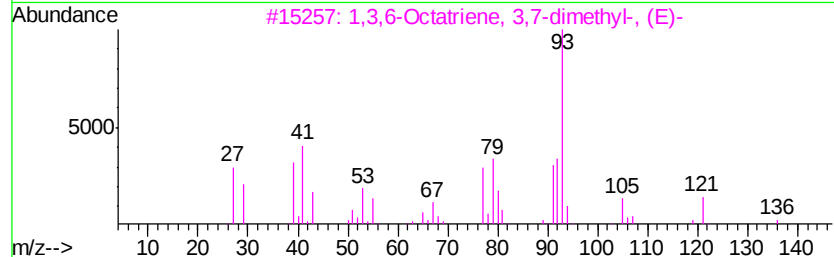
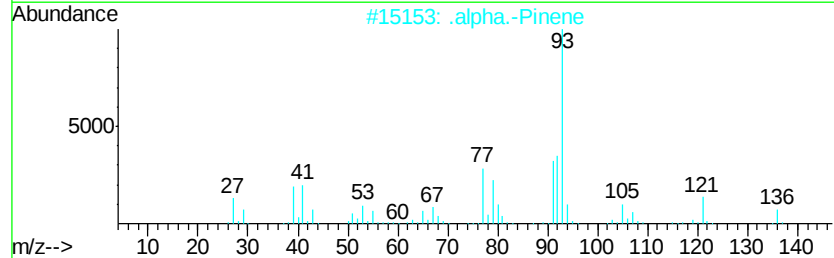
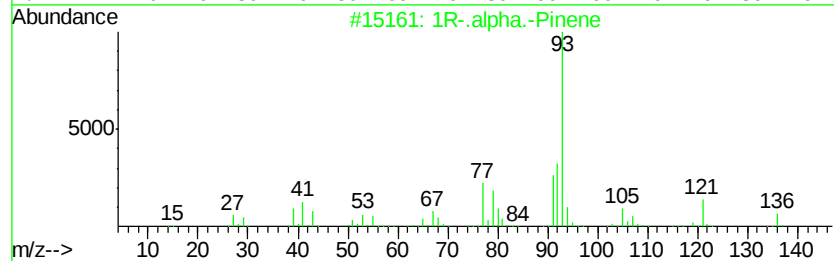
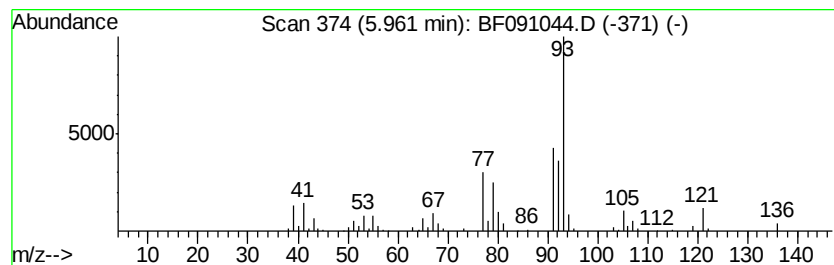
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1R-.alpha.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	3.49 ng	176093	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	94
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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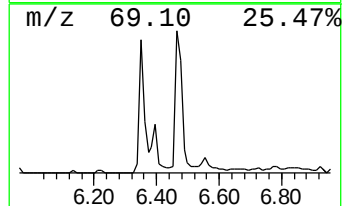
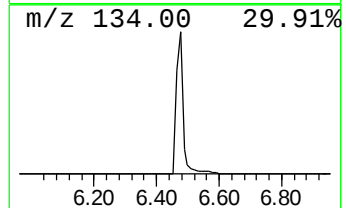
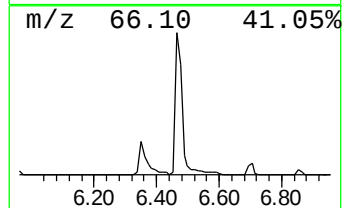
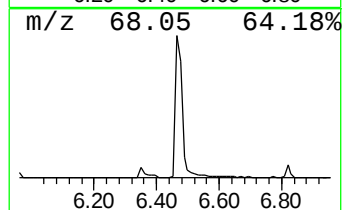
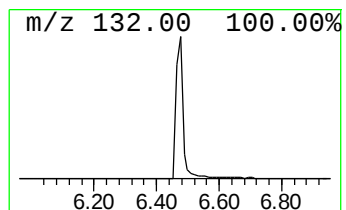
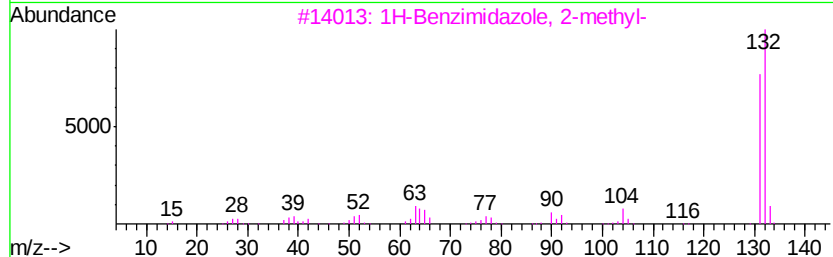
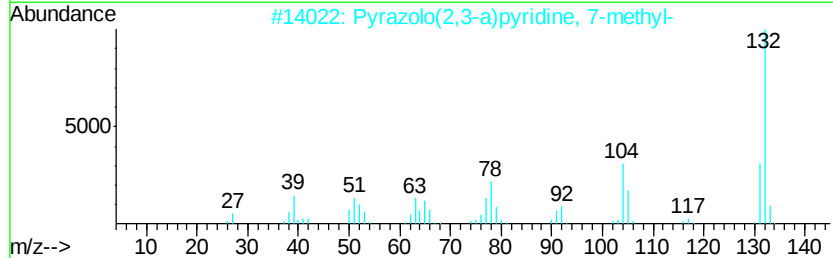
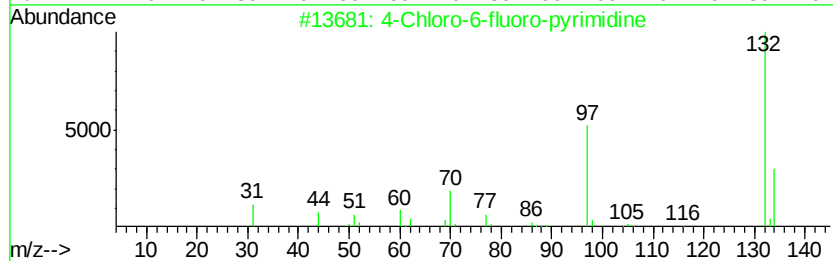
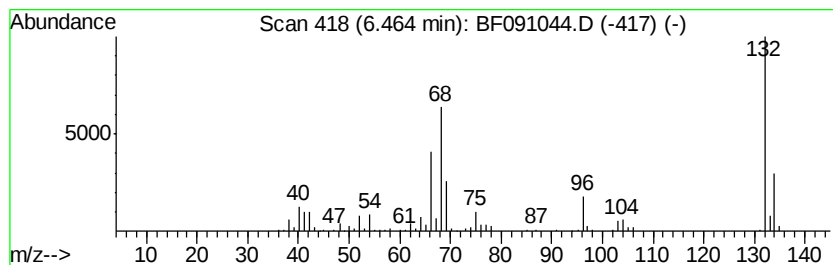
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	8.51 ng	429486	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9



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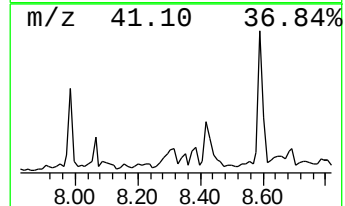
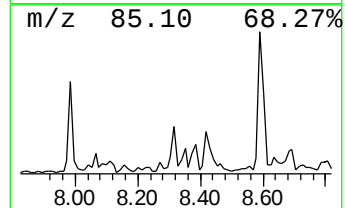
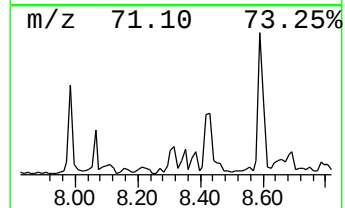
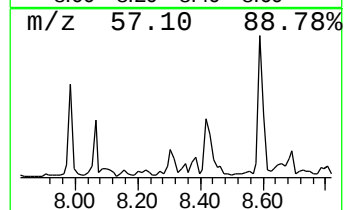
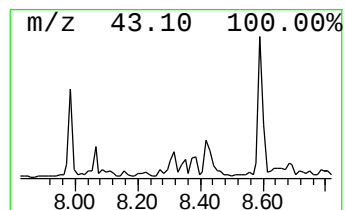
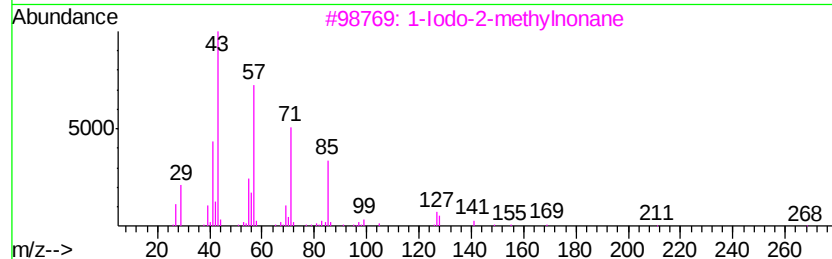
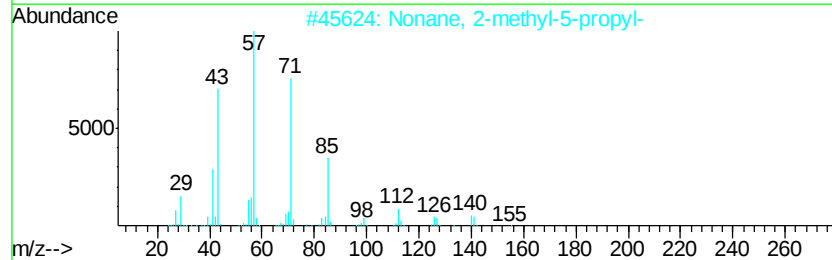
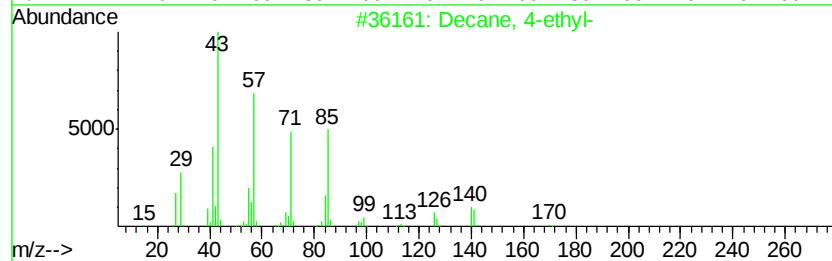
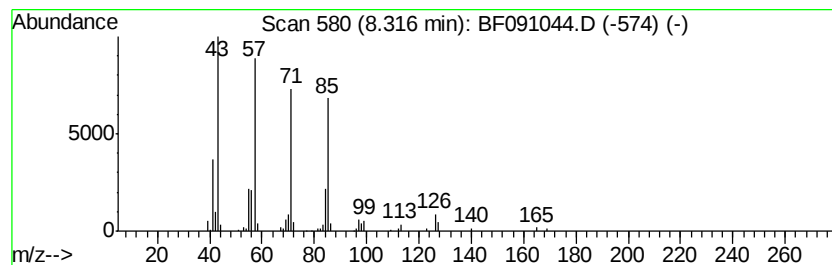
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	3.34 ng	306554	Naphthalene-d8	8.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-ethyl-	170 C12H26	001636-44-8	78
2	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	72
3	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	72
4	Tridecane, 3-methyl-	198 C14H30	006418-41-3	64
5	Octane, 3-ethyl-2,7-dimethyl-	170 C12H26	062183-55-5	59



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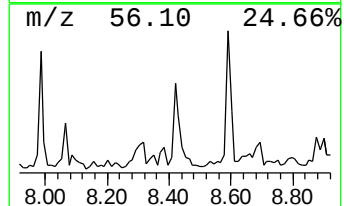
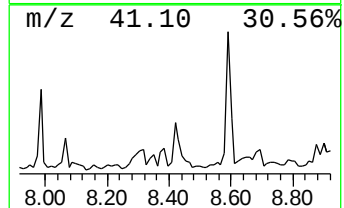
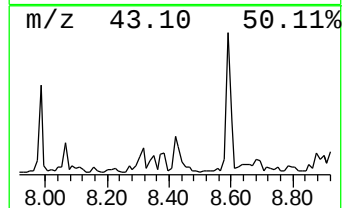
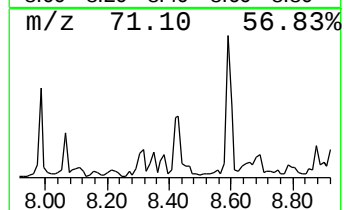
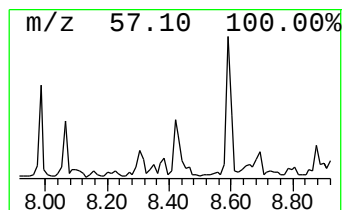
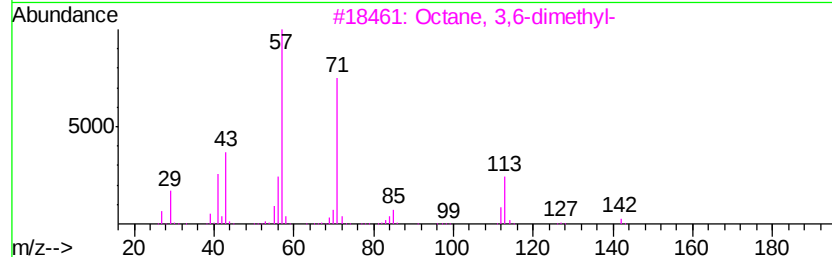
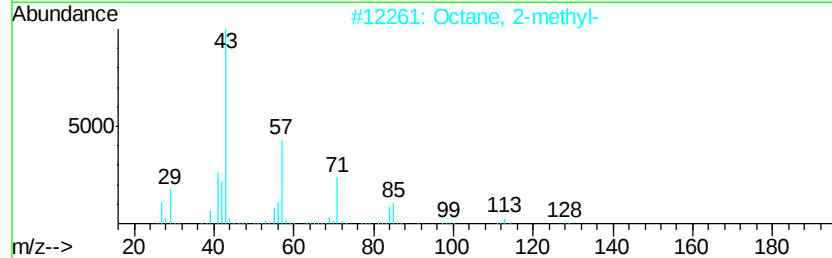
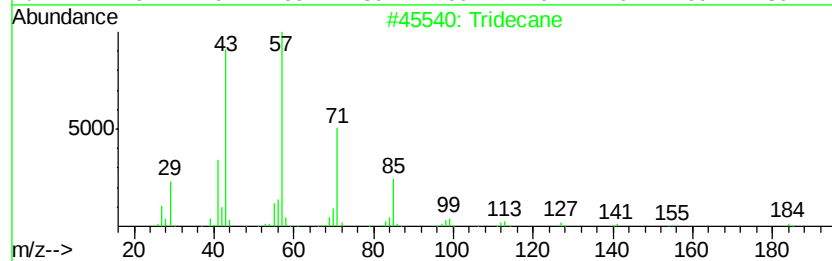
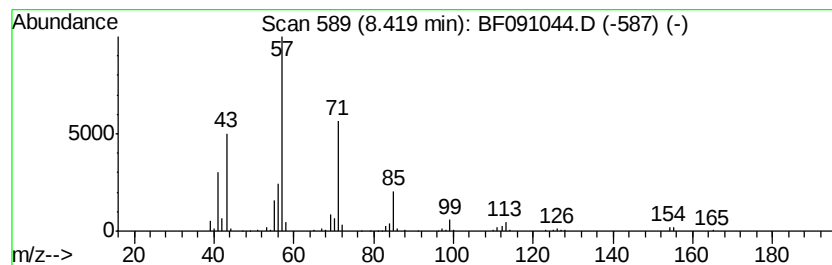
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.73 ng	434343	Naphthalene-d8	8.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	64
2	Octane, 2-methyl-	128 C9H20	003221-61-2	64
3	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	64
4	Decane, 5-propyl-	184 C13H28	017312-62-8	59
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-90-0.0-1.0

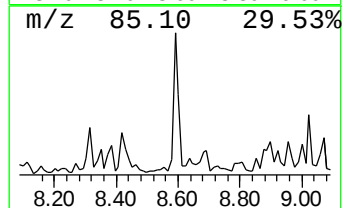
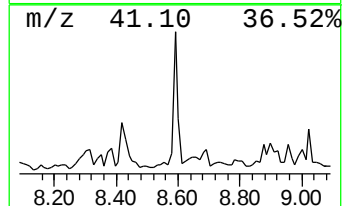
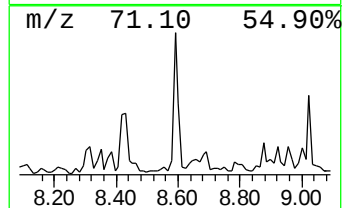
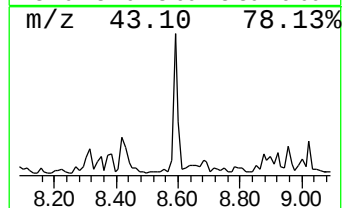
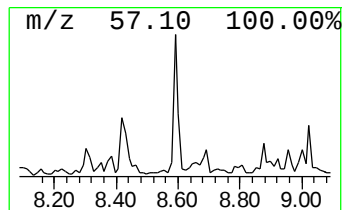
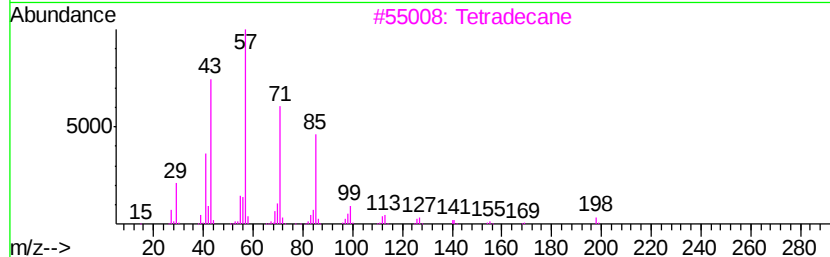
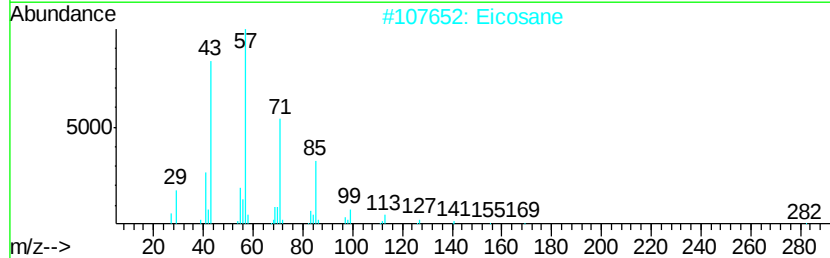
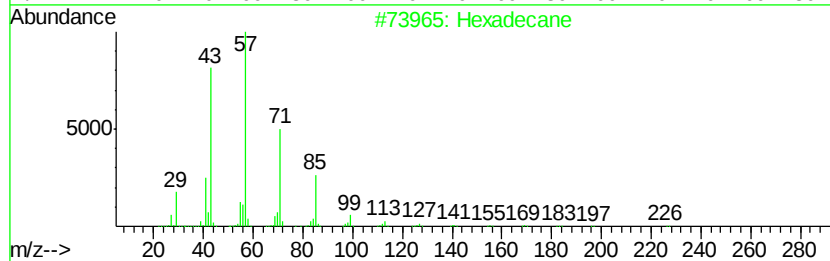
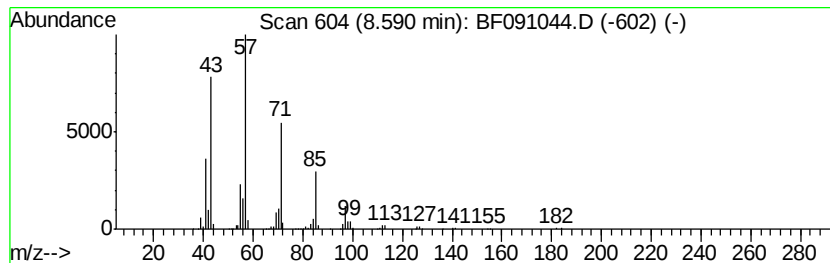
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	8.42 ng	773608	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Eicosane		282	C20H42	000112-95-8	86
3	Tetradecane		198	C14H30	000629-59-4	78
4	Tridecane		184	C13H28	000629-50-5	72
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
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Instrument :
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ClientSampleId :
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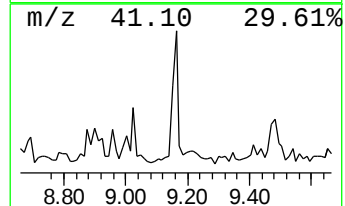
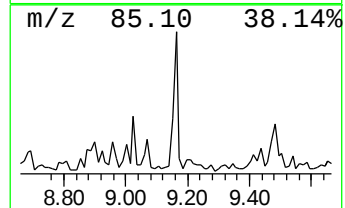
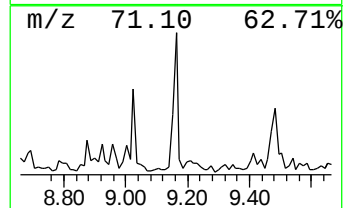
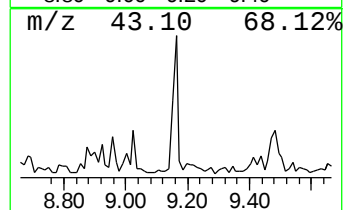
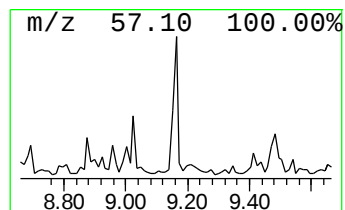
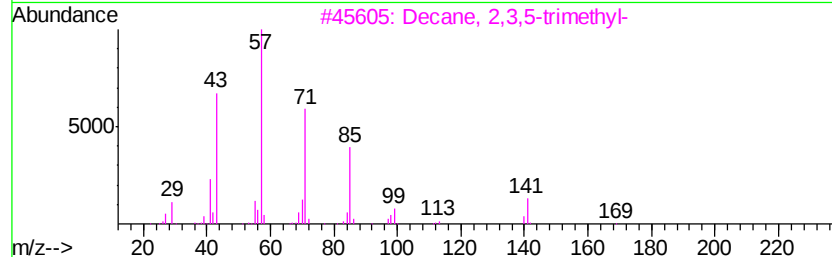
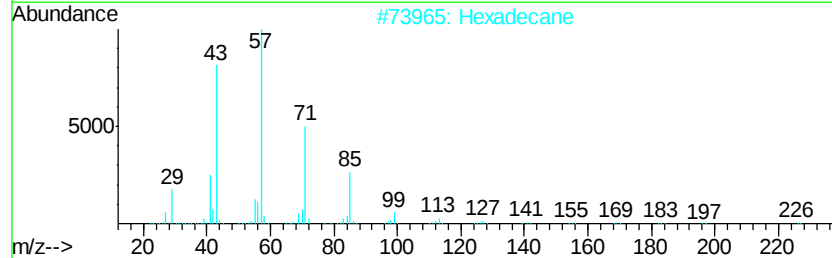
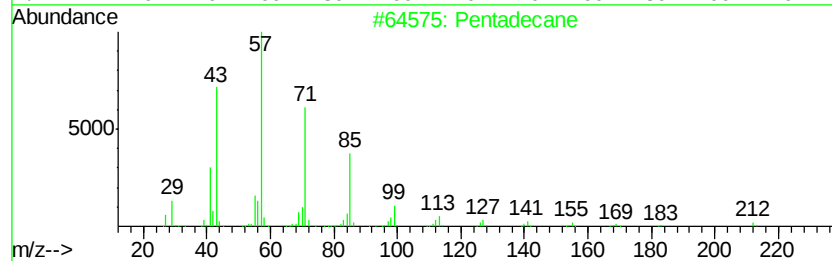
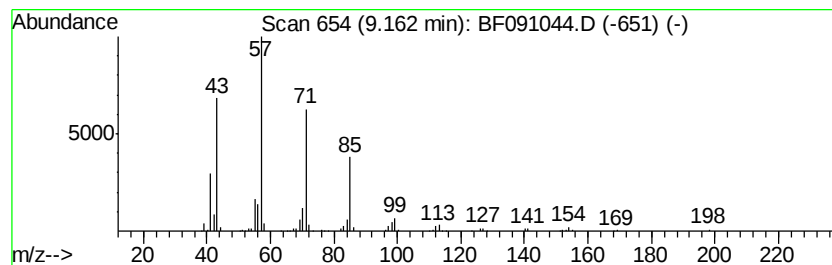
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.43 ng	636732	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Tridecane	184	C13H28	000629-50-5	59
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Operator : UM/SJ
Sample : H5502-23 10X
Misc :
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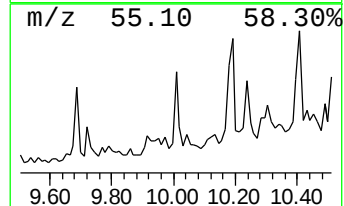
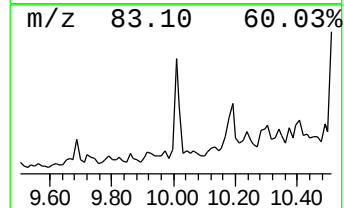
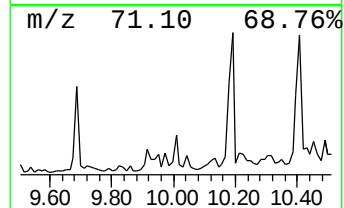
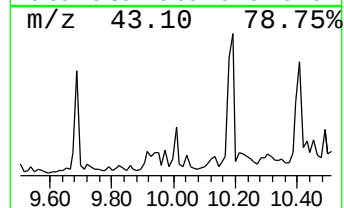
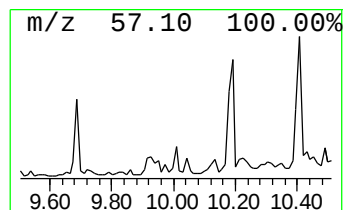
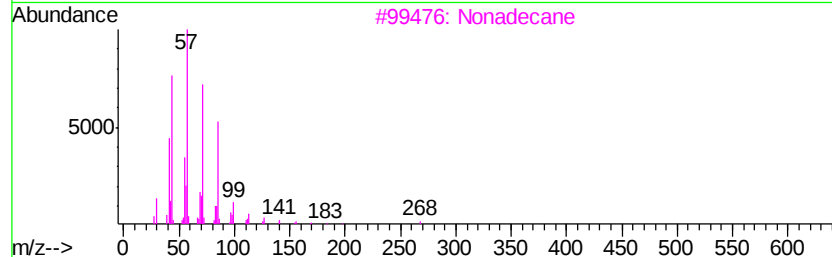
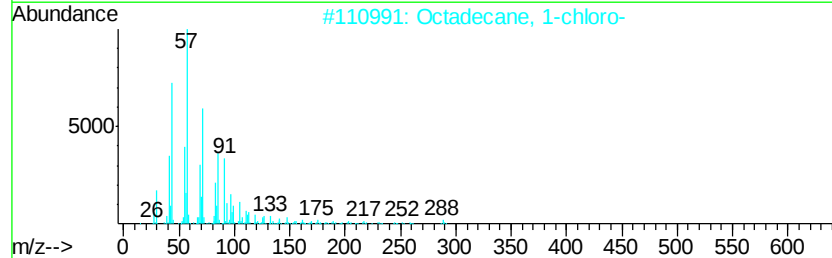
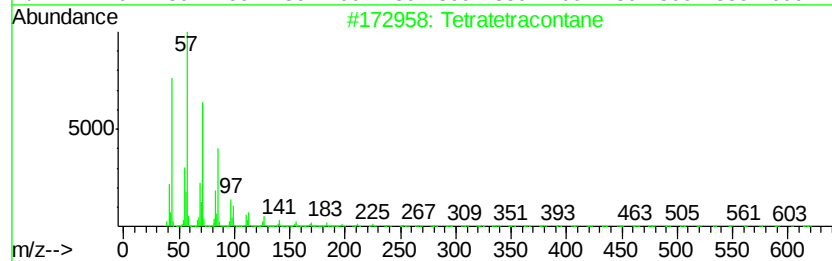
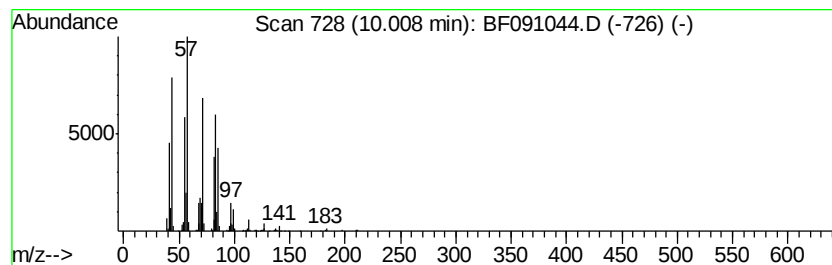
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.01	4.89 ng	369582	Acenaphthene-d10		9.74	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	64
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
3		Nonadecane	268	C19H40	000629-92-5	62
4		Hexadecane	226	C16H34	000544-76-3	58
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Misc :
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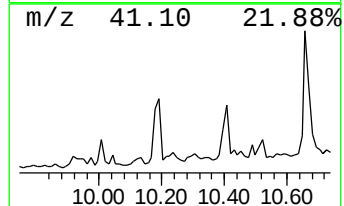
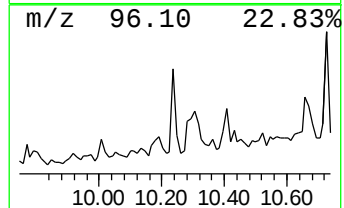
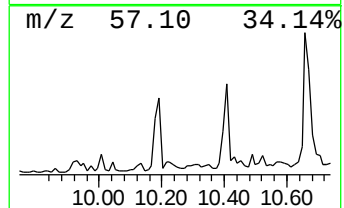
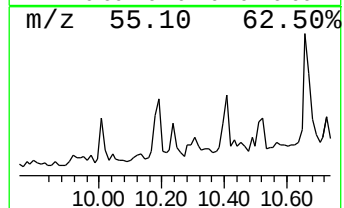
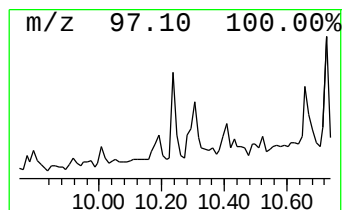
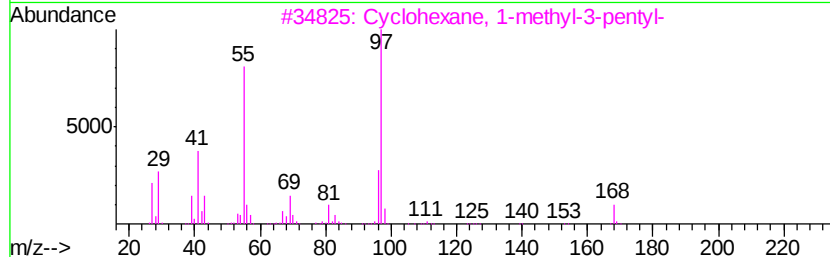
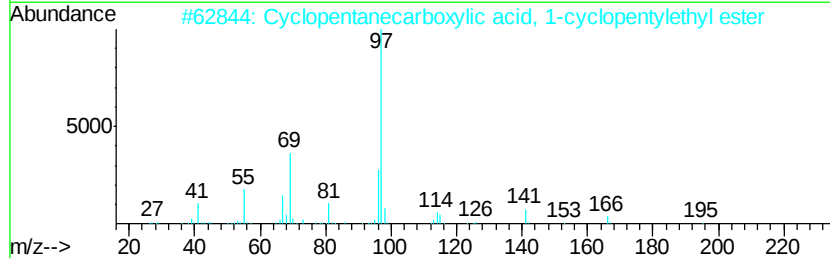
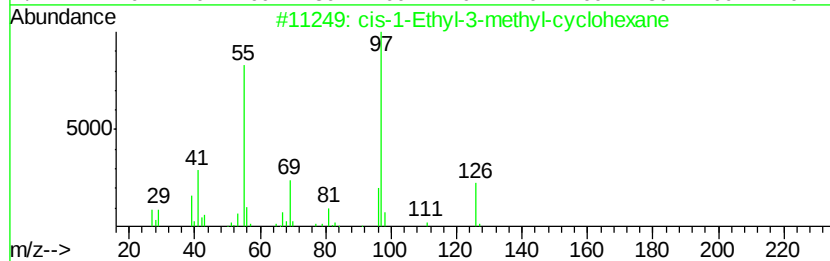
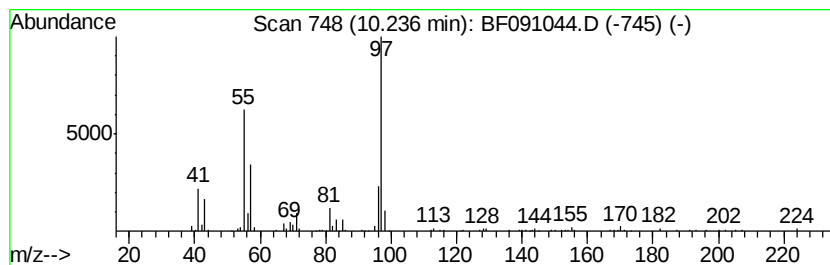
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 cis-1-Ethyl-3-methyl-cyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.24	3.78 ng	285554	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
2	Cyclopentanecarboxylic acid, 1-c...	210	C13H22O2	1000282-58-9	59
3	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	59
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	56
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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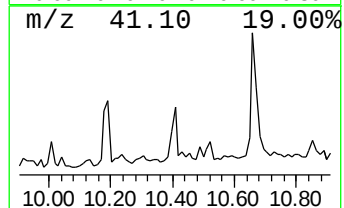
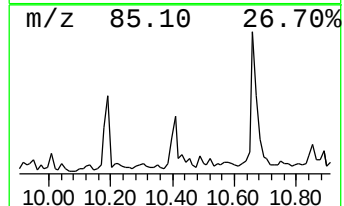
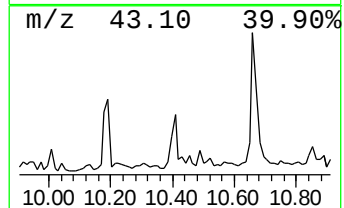
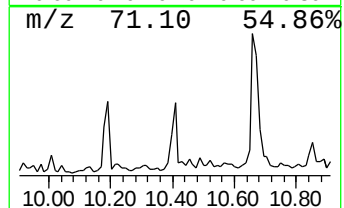
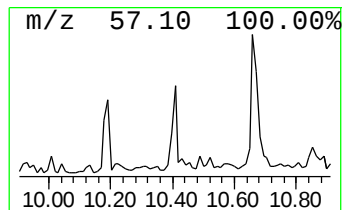
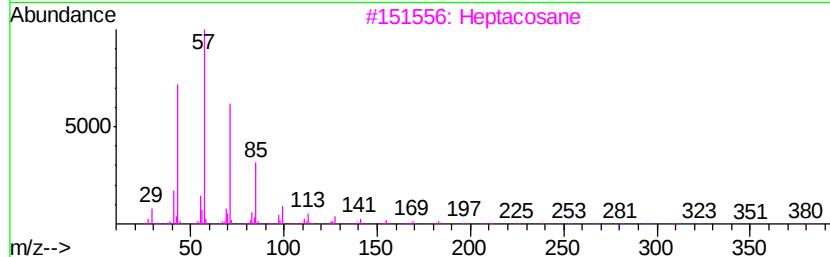
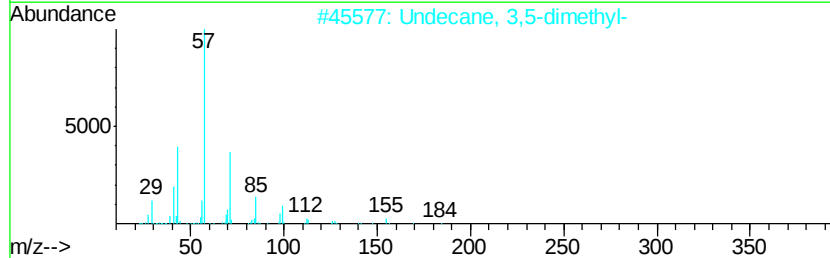
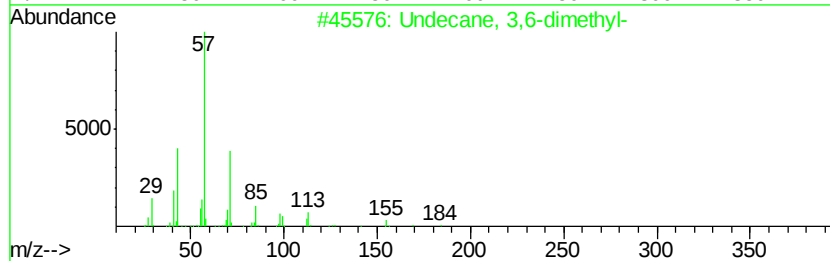
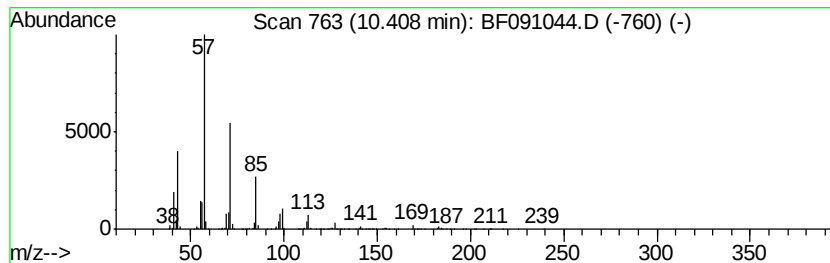
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	16.48 ng	1244960	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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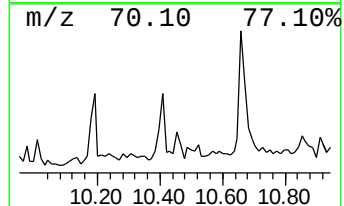
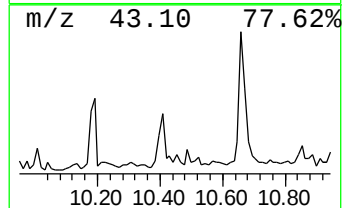
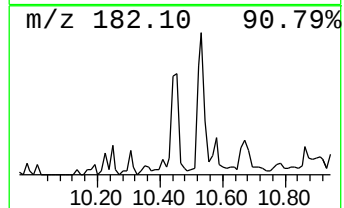
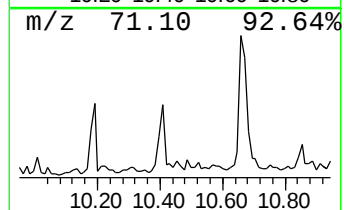
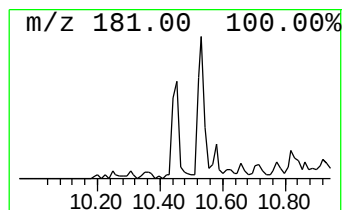
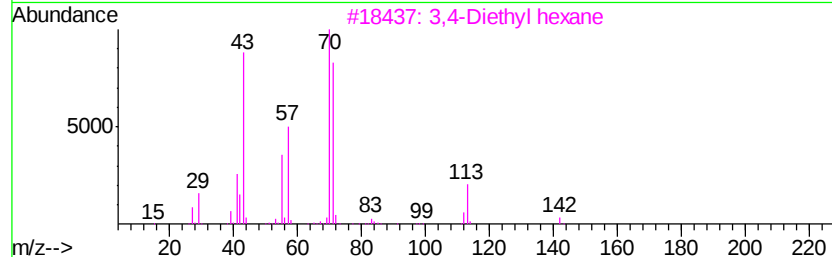
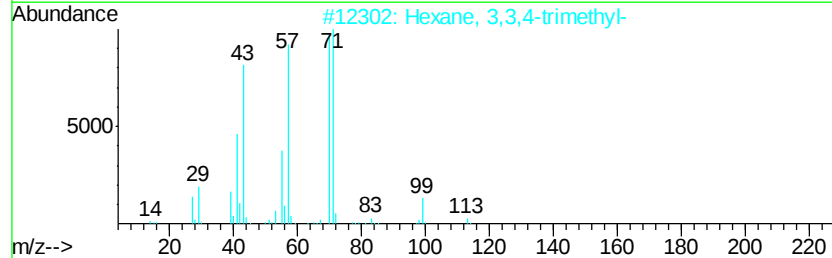
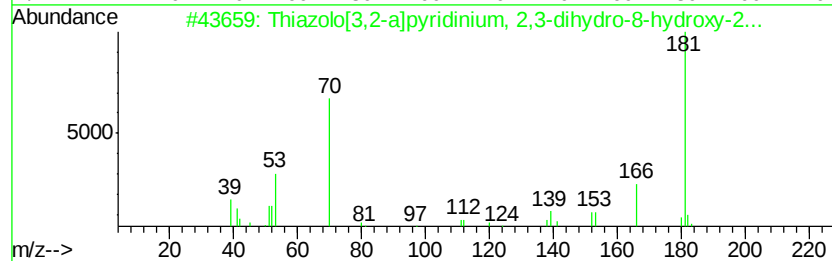
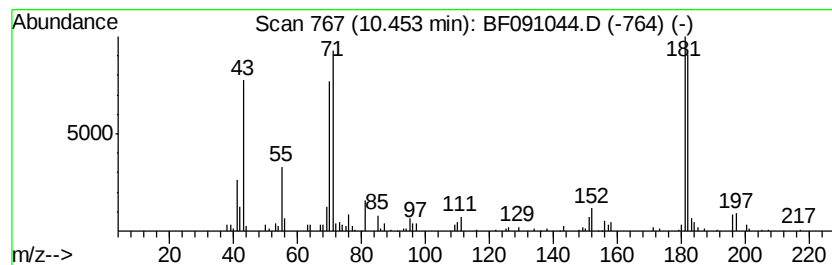
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown10.45 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	5.11 ng	385967	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolo[3,2-a]pyridinium, 2,3-d...	181	C9H11NOS	023933-08-6	38
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	35
3	3,4-Diethyl hexane	142	C10H22	019398-77-7	35
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	35
5	1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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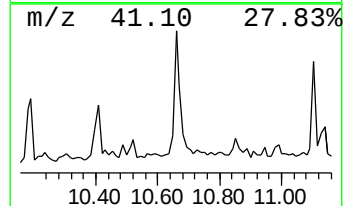
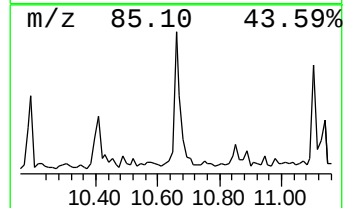
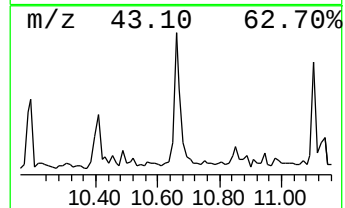
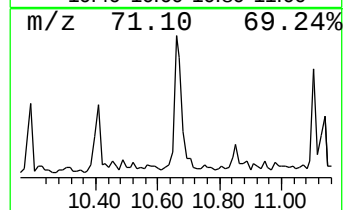
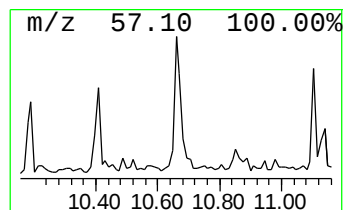
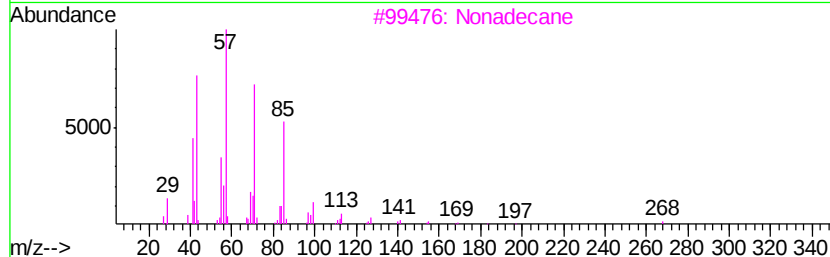
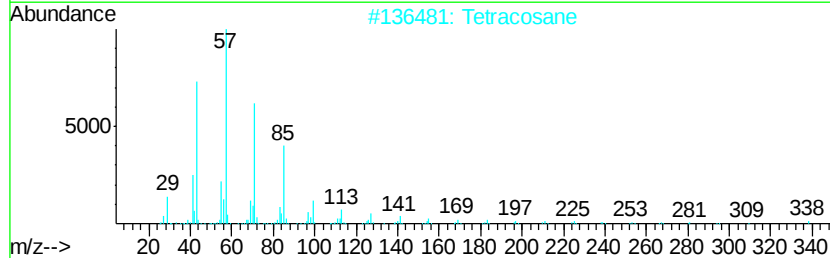
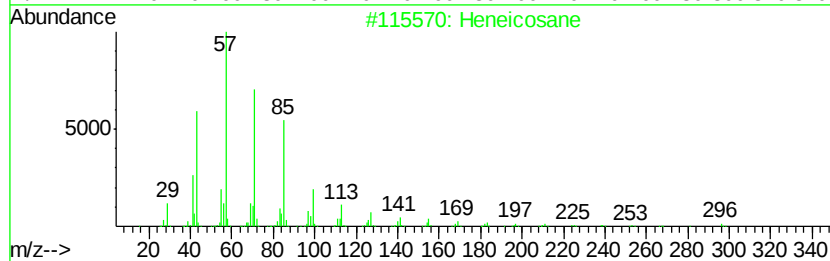
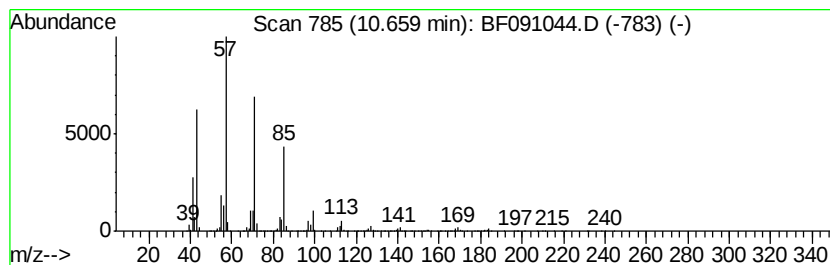
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	18.85 ng	3139910	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
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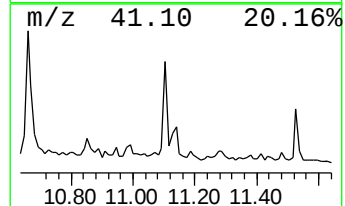
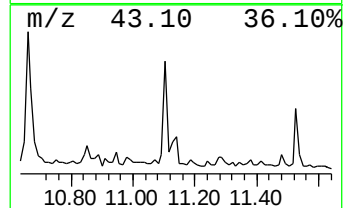
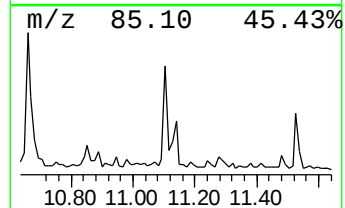
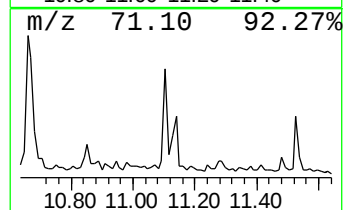
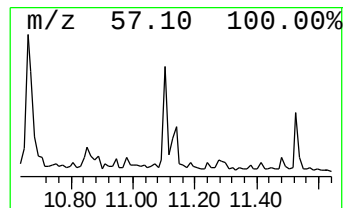
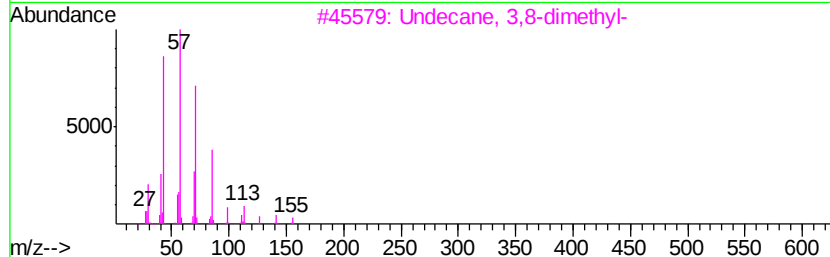
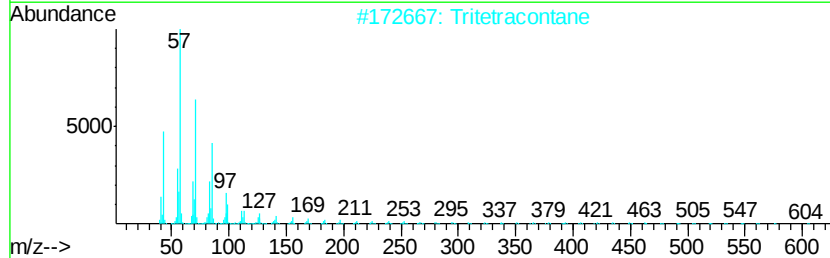
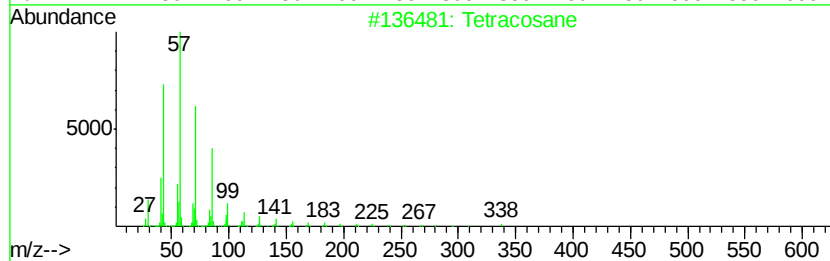
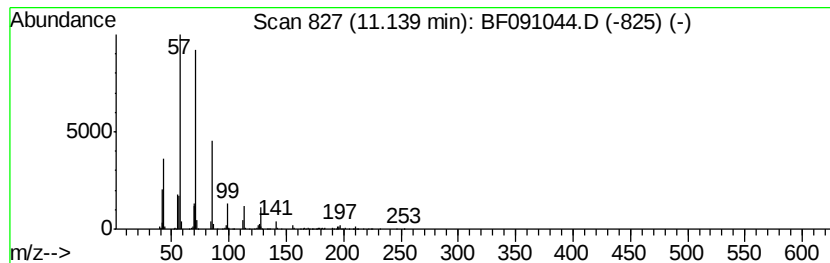
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	5.81 ng	967847	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	83
2		Tritetracontane	605	C43H88	007098-21-7	83
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

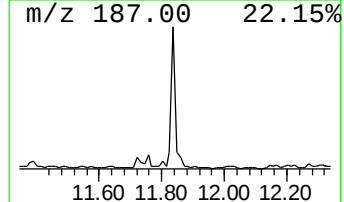
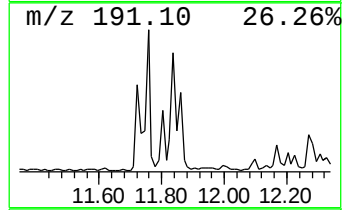
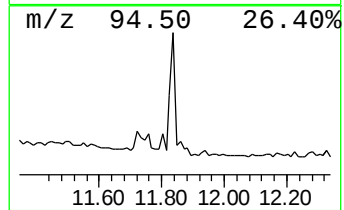
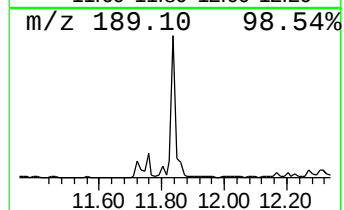
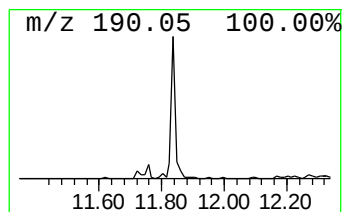
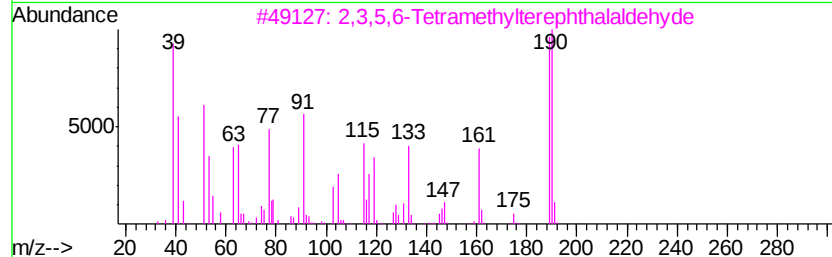
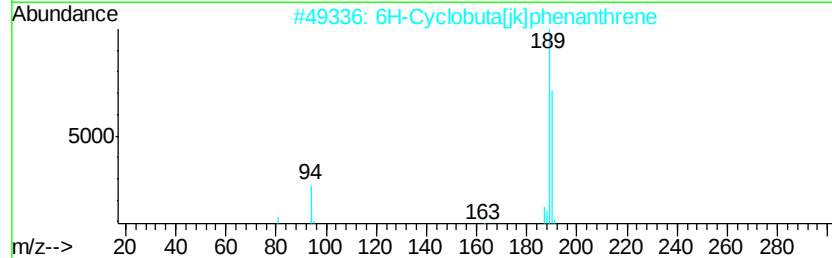
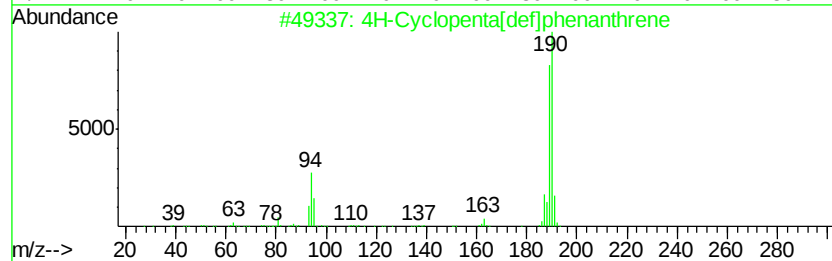
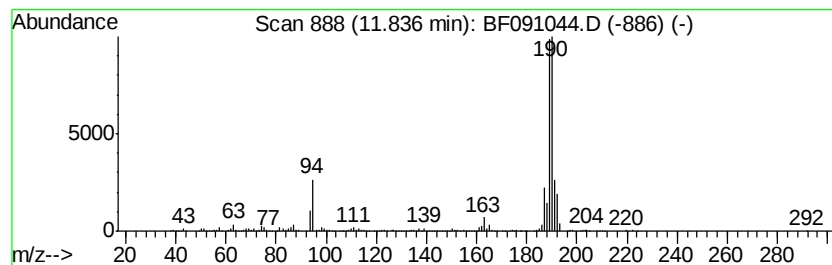
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	5.01 ng	833743	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	10



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Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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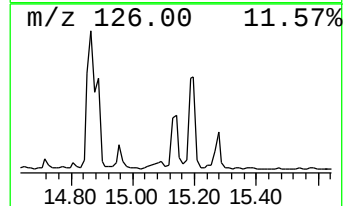
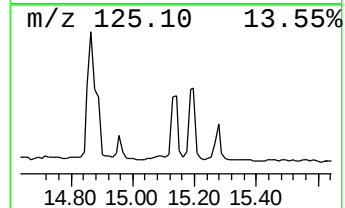
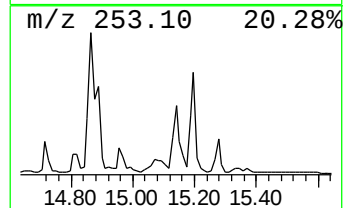
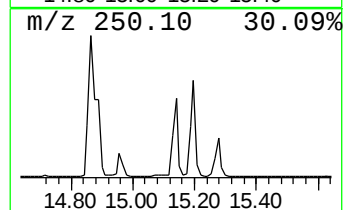
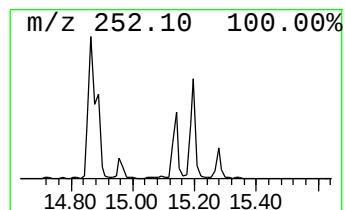
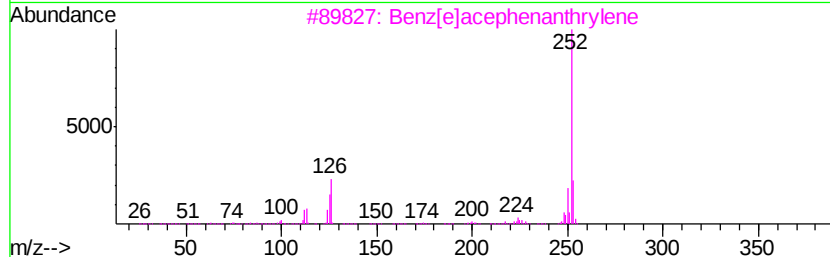
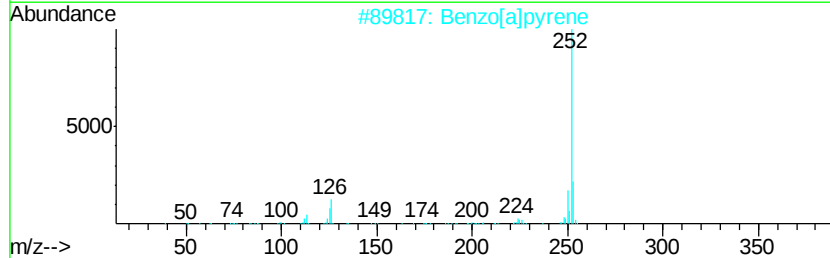
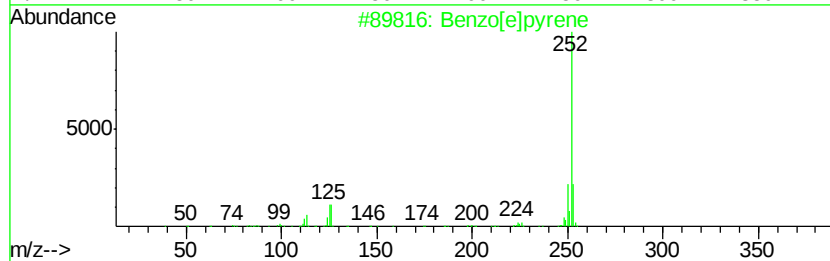
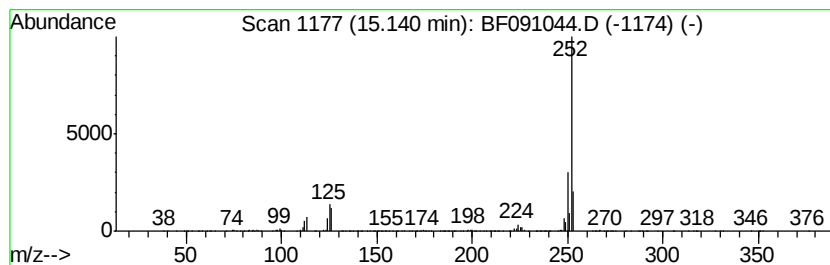
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	10.32 ng	619781	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091044.D
Acq On : 5 Nov 2016 2:08
Operator : UM/SJ
Sample : H5502-23 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-90-0.0-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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unknown6.46	6.46	8.5	ng	429486	1	6.70	1009510	20.0
Decane, 4-ethyl-	8.32	3.3	ng	306554	2	8.00	1837550	20.0
Tridecane	8.42	4.7	ng	434343	2	8.00	1837550	20.0
Hexadecane	8.59	8.4	ng	773608	2	8.00	1837550	20.0
Pentadecane	9.16	8.4	ng	636732	3	9.74	1510690	20.0
Tetratetracontane	10.01	4.9	ng	369582	3	9.74	1510690	20.0
cis-1-Ethyl-3-met...	10.24	3.8	ng	285554	3	9.74	1510690	20.0
Undecane, 3,6-dim...	10.41	16.5	ng	1244960	3	9.74	1510690	20.0
unknown10.45	10.45	5.1	ng	385967	3	9.74	1510690	20.0
Heneicosane	10.66	18.9	ng	3139910	4	11.23	3331080	20.0
Tetracosane	11.14	5.8	ng	967847	4	11.23	3331080	20.0
4H-Cyclopenta[def...	11.84	5.0	ng	833743	4	11.23	3331080	20.0
Benzo[e]pyrene	15.14	10.3	ng	619781	6	15.25	1201550	20.0