

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093398.D
 Acq On : 4 Mar 2017 11:11
 Operator : SJ/MA
 Sample : I2057-20 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

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-BF013017.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	4.281	188	192	196	rBV2	90141	154331	2.25%	0.104%
2	4.738	227	232	234	rBV	148991	195348	2.85%	0.131%
3	4.830	237	240	244	rVB3	122033	221937	3.23%	0.149%
4	4.898	244	246	247	rBV	402559	453527	6.61%	0.305%
5	5.047	255	259	261	rVB	56235	111153	1.62%	0.075%
6	5.116	263	265	267	rBV	224417	291996	4.25%	0.196%
7	5.333	279	284	286	rVB2	51128	125695	1.83%	0.085%
8	5.378	286	288	290	rBV	449947	540463	7.88%	0.364%
9	5.413	290	291	294	rVB	177724	184872	2.69%	0.124%
10	5.504	297	299	301	rBV	230496	301677	4.40%	0.203%
11	5.550	301	303	304	rVB	251536	227609	3.32%	0.153%
12	5.596	304	307	311	rVB2	239847	424624	6.19%	0.286%
13	5.664	311	313	315	rBV	140753	137658	2.01%	0.093%
14	5.767	318	322	324	rVB2	472309	730338	10.64%	0.491%
15	5.813	324	326	328	rBV2	223659	421990	6.15%	0.284%
16	5.904	332	334	337	rVB2	832306	861556	12.55%	0.580%
17	5.961	337	339	341	rBV2	244630	473916	6.91%	0.319%
18	6.007	341	343	346	rVB	1376238	1588113	23.14%	1.068%
19	6.064	346	348	350	rBV	965898	938020	13.67%	0.631%
20	6.099	350	351	357	rVB4	292282	803472	11.71%	0.541%
21	6.201	357	360	362	rBV	512945	717231	10.45%	0.483%
22	6.247	362	364	365	rBV2	197074	247104	3.60%	0.166%
23	6.270	365	366	367	rBV	342791	265451	3.87%	0.179%
24	6.293	367	368	373	rVB2	972544	1348577	19.65%	0.907%
25	6.384	373	376	378	rBV4	259247	621822	9.06%	0.418%
26	6.441	378	381	382	rBV2	777534	1186956	17.30%	0.799%
27	6.464	382	383	385	rVB	268341	327295	4.77%	0.220%
28	6.521	385	388	389	rBV2	452430	903554	13.17%	0.608%
29	6.556	389	391	394	rVB3	939042	1185017	17.27%	0.797%
30	6.636	394	398	399	rBV3	360546	700978	10.21%	0.472%
31	6.796	399	412	414	rBV2	2500317	5889751	85.82%	3.963%
32	6.841	414	416	417	rBV	705461	820303	11.95%	0.552%
33	6.899	417	421	422	rBV3	553727	1119381	16.31%	0.753%
34	6.933	422	424	428	rVB3	1266994	2532506	36.90%	1.704%

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35	7.013	428	431	432	rBV2	501713	819656	11.94%	0.551%
36	7.047	432	434	437	rVB3	962045	2027562	29.54%	1.364%
37	7.093	437	438	440	rBV2	296893	331377	4.83%	0.223%
38	7.139	440	442	444	rBV3	331624	652634	9.51%	0.439%
39	7.173	444	445	447	rBV2	986129	1096395	15.98%	0.738%
40	7.207	447	448	451	rVB3	586636	710874	10.36%	0.478%
41	7.264	451	453	454	rBV	308449	403268	5.88%	0.271%
42	7.322	454	458	460	rBV2	1096633	2216486	32.30%	1.491%
43	7.367	460	462	465	rVB4	923191	1724365	25.13%	1.160%
44	7.436	465	468	470	rBV3	1297696	2211717	32.23%	1.488%
45	7.504	470	474	476	rBV2	1329347	2457549	35.81%	1.653%
46	7.539	476	477	478	rBV	606778	700113	10.20%	0.471%
47	7.573	478	480	481	rVV2	821485	856286	12.48%	0.576%
48	7.596	481	482	483	rVB	1556371	1067671	15.56%	0.718%
49	7.630	483	485	486	rBV	314183	320504	4.67%	0.216%
50	7.710	488	492	495	rBV6	1622296	2850336	41.53%	1.918%
51	7.756	495	496	497	rVB	770408	528500	7.70%	0.356%
52	7.790	497	499	500	rVB	379025	506808	7.38%	0.341%
53	7.836	500	503	506	rBV3	835410	1628650	23.73%	1.096%
54	7.893	506	508	510	rBV2	1025271	1331696	19.40%	0.896%
55	7.950	510	513	517	rBV5	964166	2658525	38.74%	1.789%
56	8.076	517	524	525	rBV3	2216833	5003862	72.91%	3.366%
57	8.144	527	530	531	rVV	3354011	3838640	55.93%	2.583%
58	8.167	531	532	533	rVV	955839	824841	12.02%	0.555%
59	8.236	536	538	539	rBV2	716163	1039892	15.15%	0.700%
60	8.282	539	542	543	rVB3	1580850	2058933	30.00%	1.385%
61	8.316	543	545	547	rBV3	324447	655356	9.55%	0.441%
62	8.362	547	549	551	rVB2	1449286	2385415	34.76%	1.605%
63	8.464	556	558	559	rVB2	1015380	1302236	18.97%	0.876%
64	8.499	559	561	566	rBV3	2879851	6862966	100.00%	4.617%
65	8.579	566	568	569	rBV	677564	773634	11.27%	0.520%
66	8.613	569	571	572	rBV	1282194	1126632	16.42%	0.758%
67	8.682	575	577	578	rBV2	444873	788201	11.48%	0.530%
68	8.762	582	584	586	rVB	1689347	2765740	40.30%	1.861%
69	8.819	586	589	591	rBV3	820096	1865515	27.18%	1.255%
70	8.899	595	596	598	rBV2	822445	1029685	15.00%	0.693%
71	8.979	602	603	605	rVB2	1040194	1347788	19.64%	0.907%

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72	9.025	605	607	608 rBV	523117	624139	9.09%	0.420%
73	9.105	612	614	616 rBV2	3758422	4064620	59.23%	2.735%
74	9.230	623	625	628 rBV3	2135385	4129301	60.17%	2.778%
75	9.425	641	642	643 rBV	760107	613805	8.94%	0.413%
76	9.459	643	645	647 rVV3	889922	1522781	22.19%	1.024%
77	9.562	651	654	655 rVV2	4034890	6066228	88.39%	4.081%
78	9.642	659	661	664 rVV3	923691	1332717	19.42%	0.897%
79	9.699	664	666	668 rVV3	1063305	1917234	27.94%	1.290%
80	9.733	668	669	671 rVV	1684946	2015401	29.37%	1.356%
81	9.779	671	673	674 rVV	586415	787165	11.47%	0.530%
82	9.825	674	677	679 rVV4	1391497	3776053	55.02%	2.540%
83	9.870	679	681	682 rVV2	1090589	1487731	21.68%	1.001%
84	9.939	685	687	689 rVB3	892667	878713	12.80%	0.591%
85	9.985	689	691	693 rBV2	660766	1377860	20.08%	0.927%
86	10.030	693	695	698 rVB3	1126841	1984091	28.91%	1.335%
87	10.088	698	700	704 rBV4	1581913	2294999	33.44%	1.544%
88	10.156	704	706	708 rBV2	1000851	1772513	25.83%	1.193%
89	10.202	708	710	711 rVV2	714535	823950	12.01%	0.554%
90	10.236	711	713	716 rVB4	927837	1356479	19.77%	0.913%
91	10.373	723	725	729 rBV5	931569	2734836	39.85%	1.840%
92	10.488	732	735	737 rVB	2516171	3493404	50.90%	2.350%
93	10.750	755	758	761 rVB	3599415	4467492	65.10%	3.006%
94	11.208	796	798	801 rVB	2339110	3621801	52.77%	2.437%
95	11.322	806	808	811 rBV2	1148279	1349038	19.66%	0.908%
96	11.562	827	829	830 rBV	1178713	1240690	18.08%	0.835%
97	12.293	891	893	897 rBV	766312	1079277	15.73%	0.726%
98	13.962	1037	1039	1042 rVB2	754931	963648	14.04%	0.648%
99	16.340	1245	1247	1250 rVV3	505478	921367	13.43%	0.620%
100	16.408	1250	1253	1260 rVB	934105	2115120	30.82%	1.423%

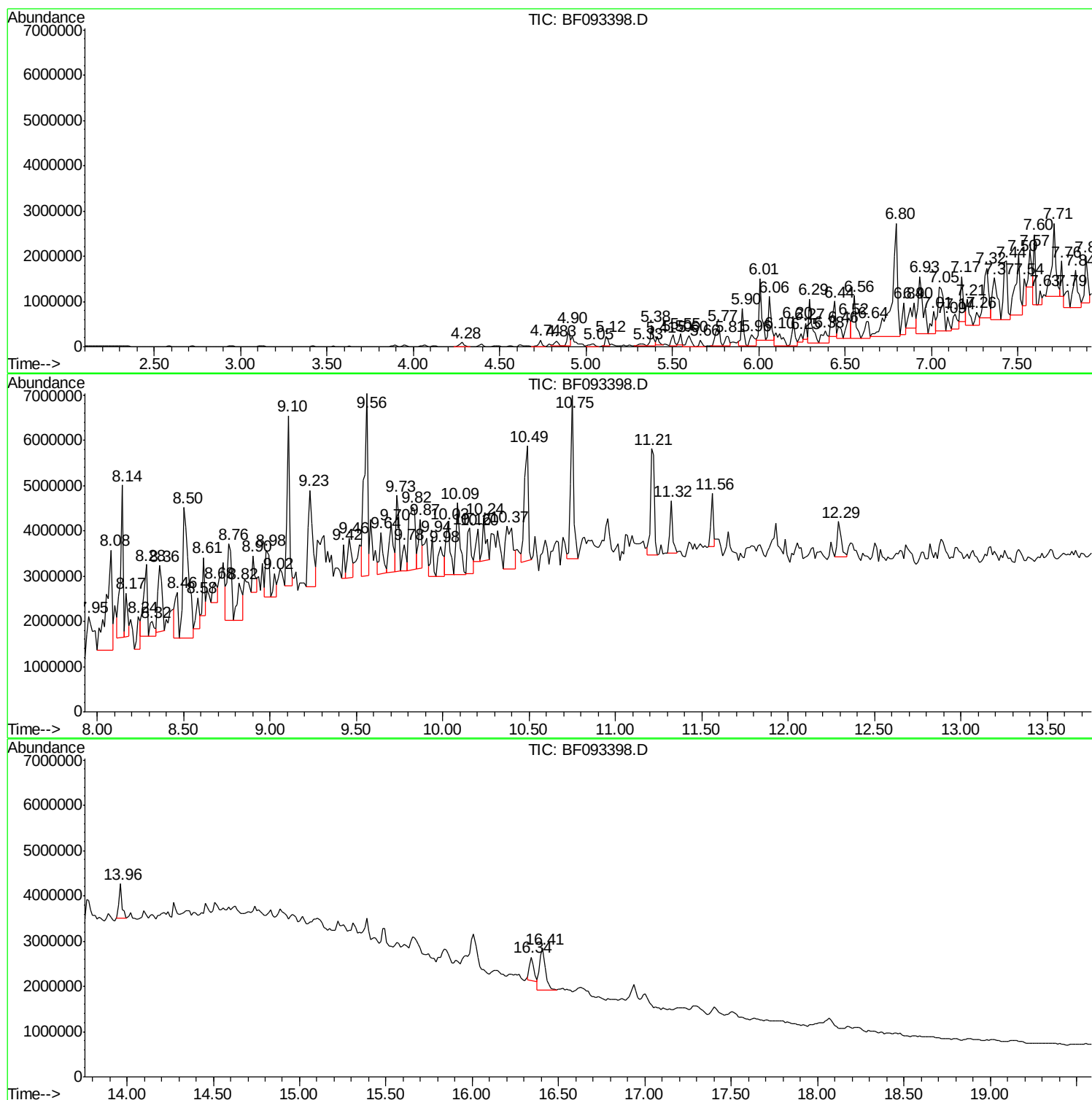
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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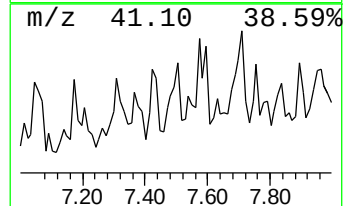
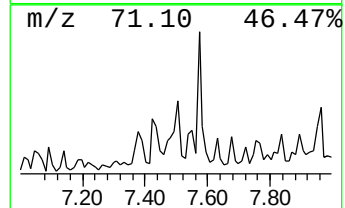
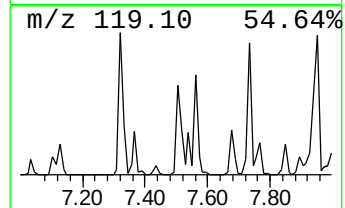
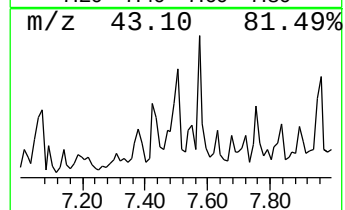
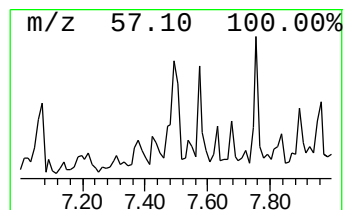
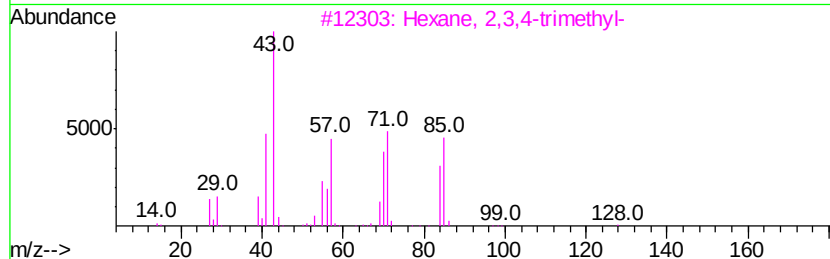
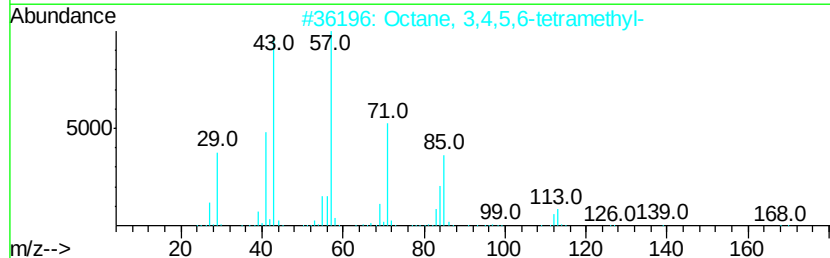
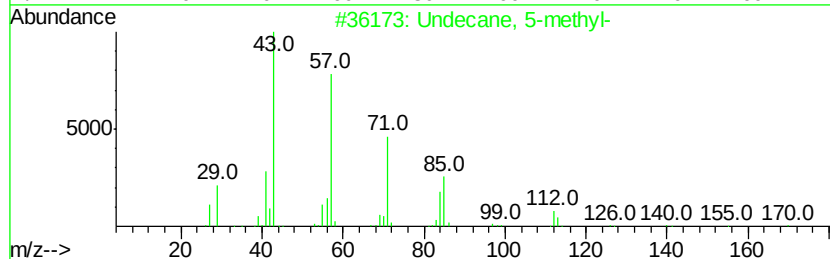
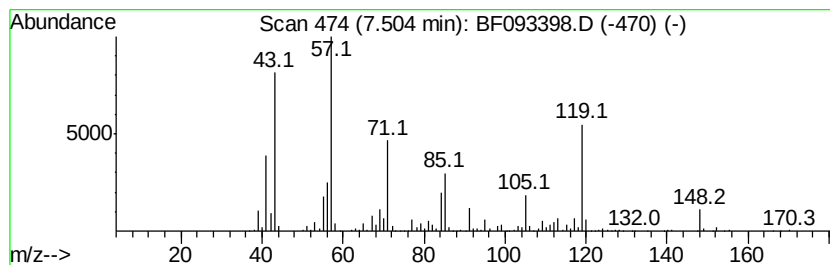
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	9.82 ng	2457550	Napthalene-d8	8.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	53
2	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	49
3	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	38
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	38
5	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	35



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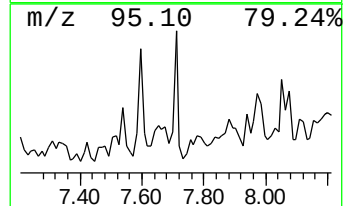
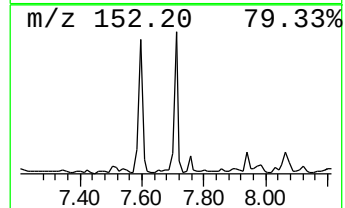
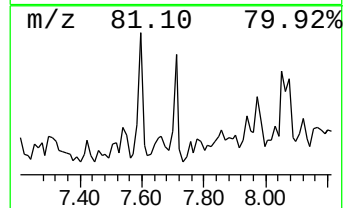
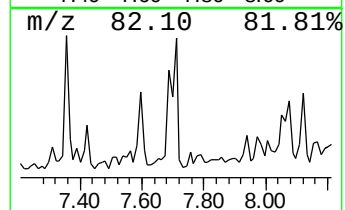
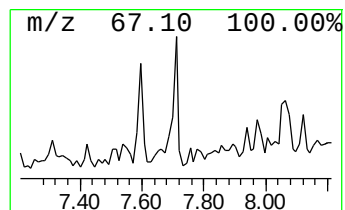
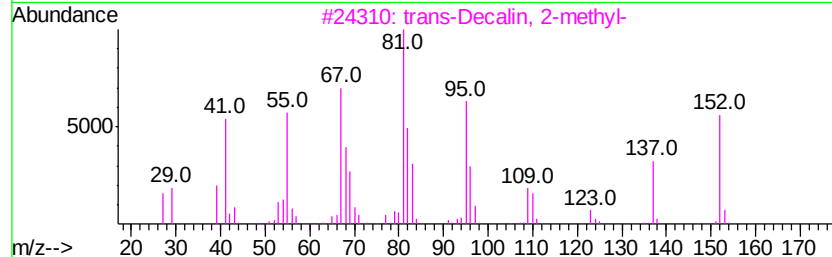
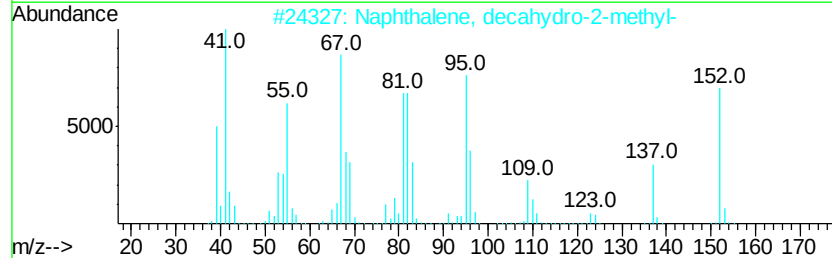
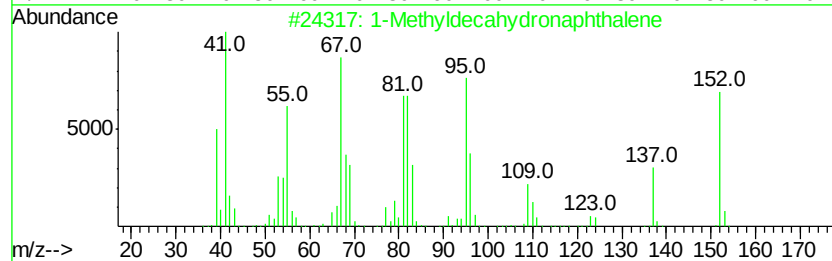
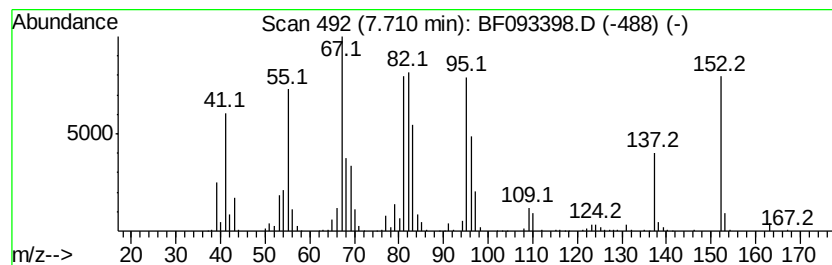
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Methyldecahydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	11.39 ng	2850340	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	58



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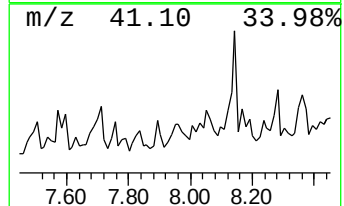
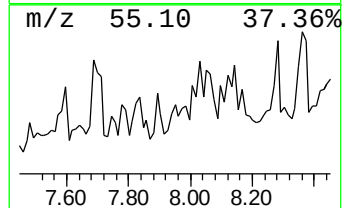
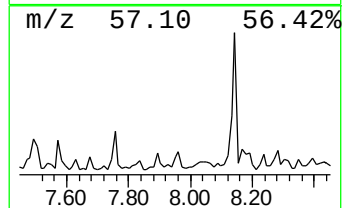
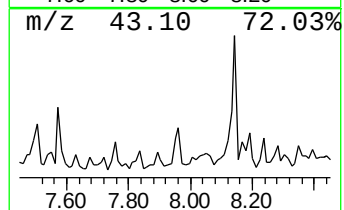
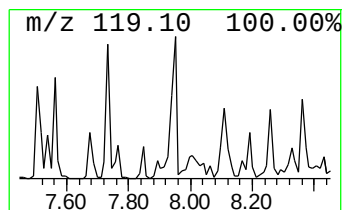
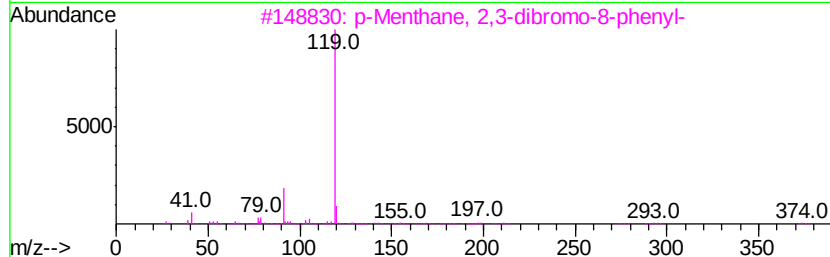
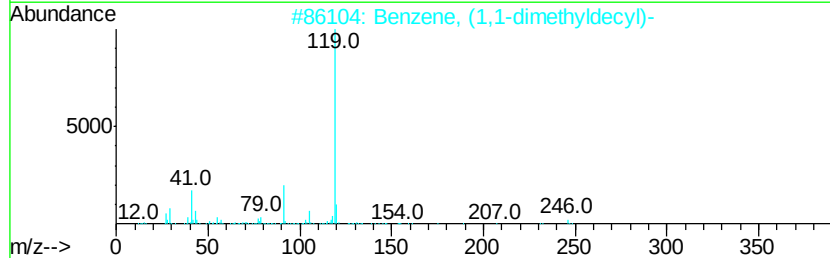
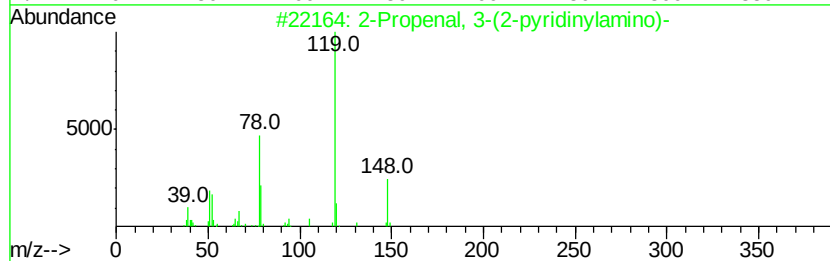
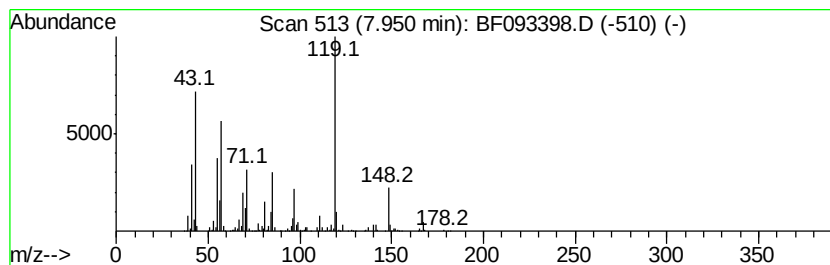
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	10.63 ng	2658530	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	43
2		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	35
3		p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	35
4		2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	14
5		Undecane, 4-ethyl-	184	C13H28	017312-59-3	14



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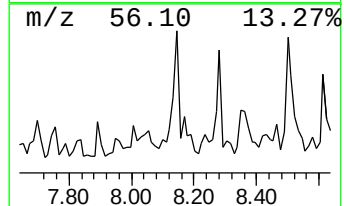
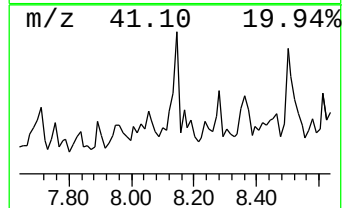
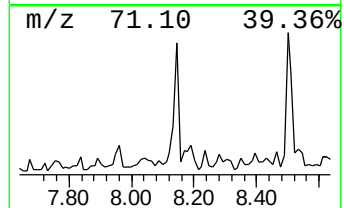
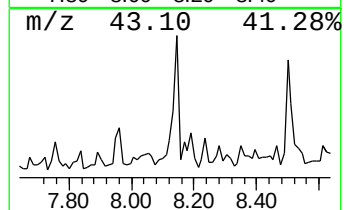
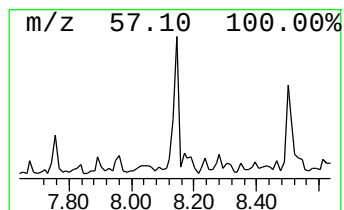
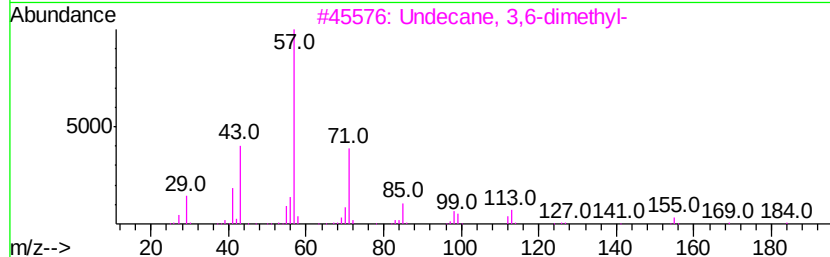
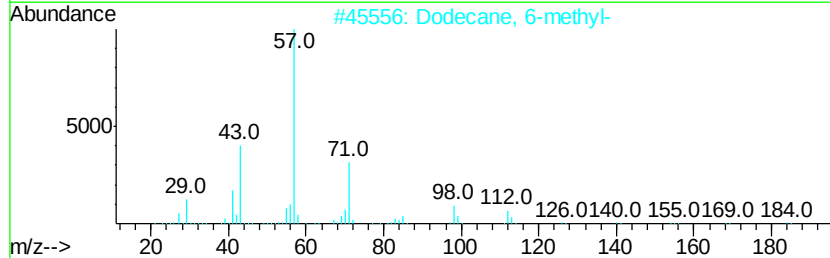
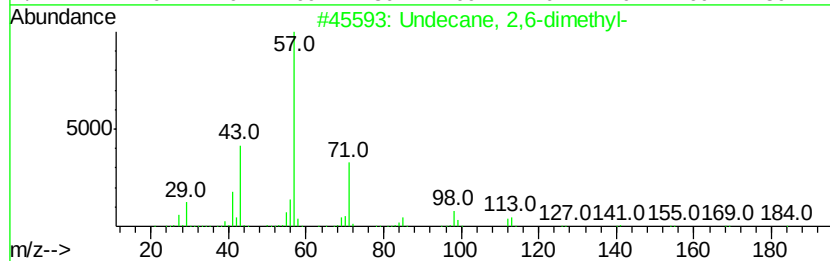
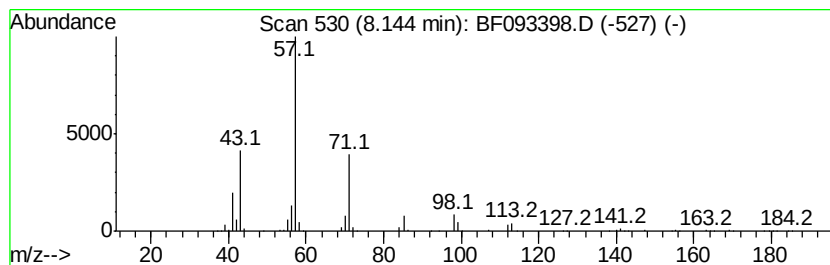
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	15.34 ng	3838640	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093398.D
Acq On : 4 Mar 2017 11:11
Operator : SJ/MA
Sample : I2057-20 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18B-23

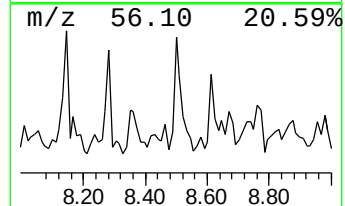
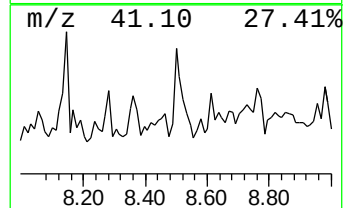
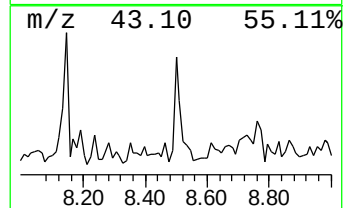
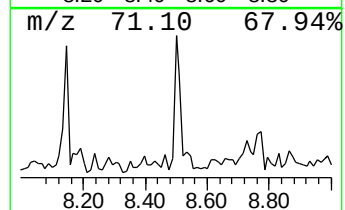
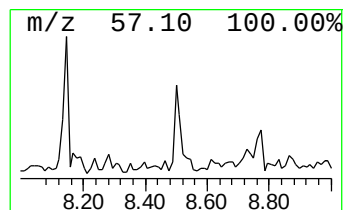
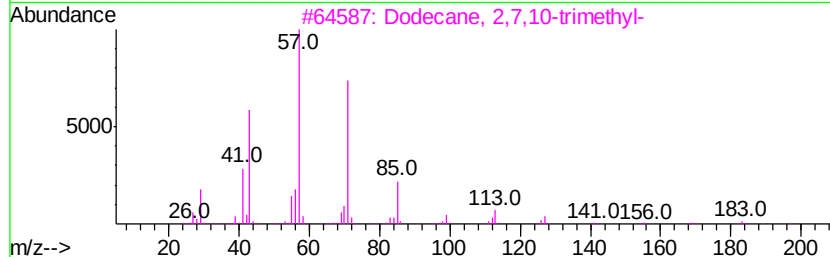
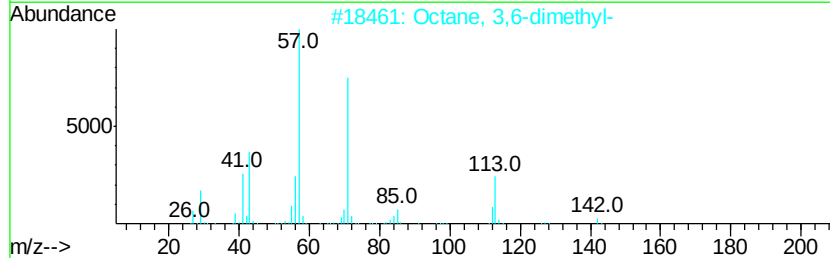
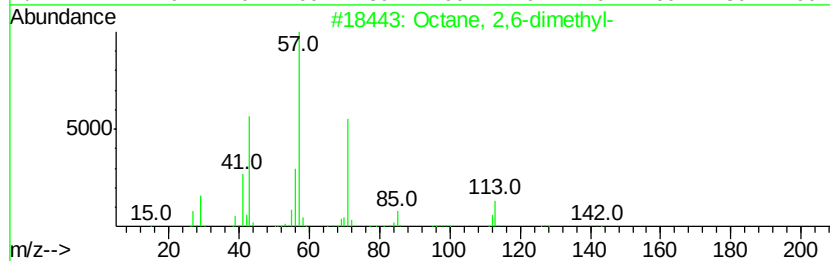
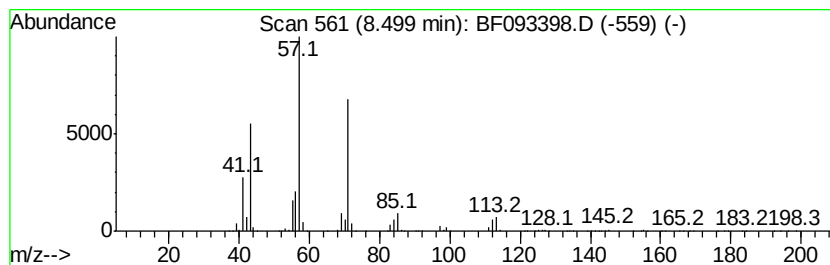
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	27.43 ng	6862970	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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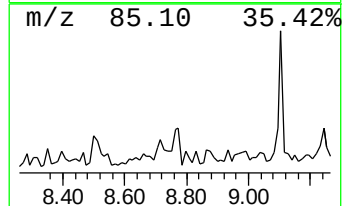
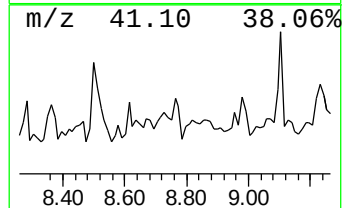
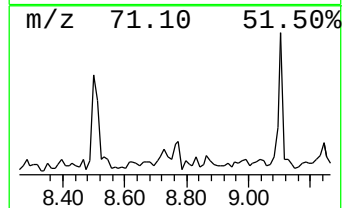
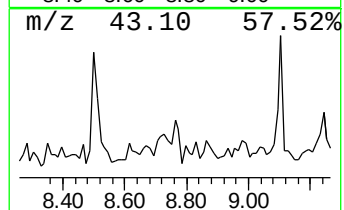
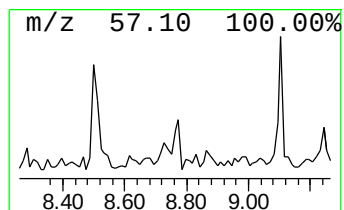
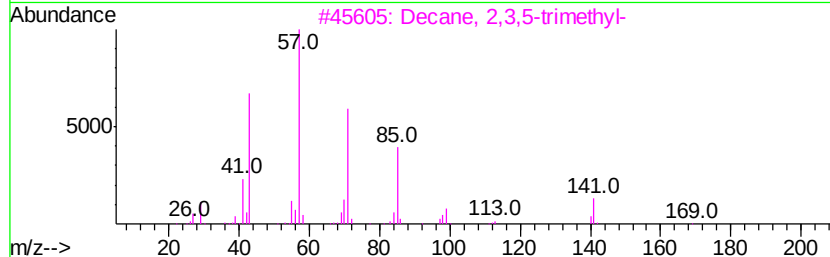
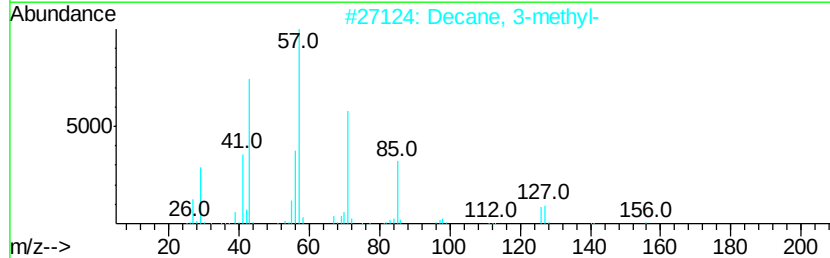
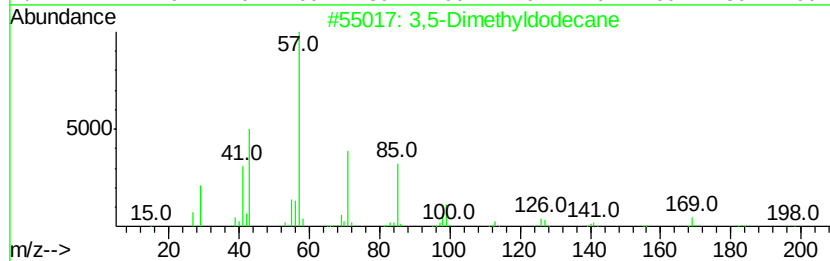
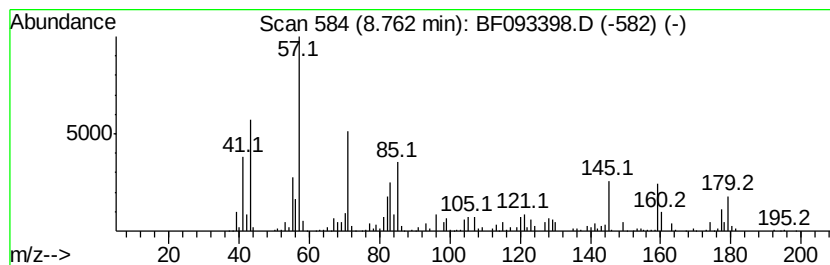
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	11.05 ng	2765740	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	41
2		Decane, 3-methyl-	156	C11H24	013151-34-3	38
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
4		Tetradecane	198	C14H30	000629-59-4	35
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Sample : I2057-20 5X
Misc :
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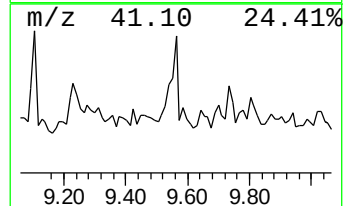
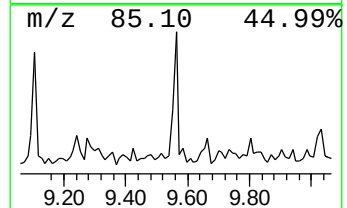
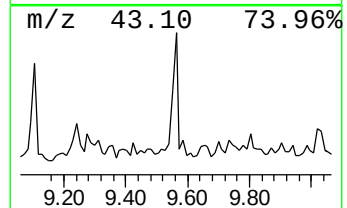
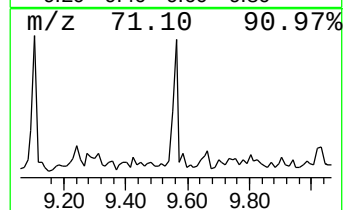
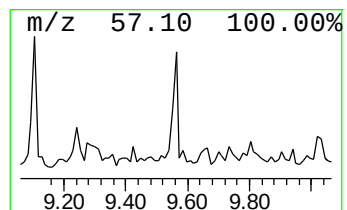
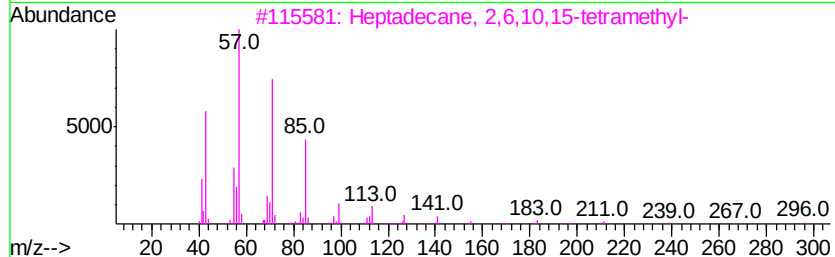
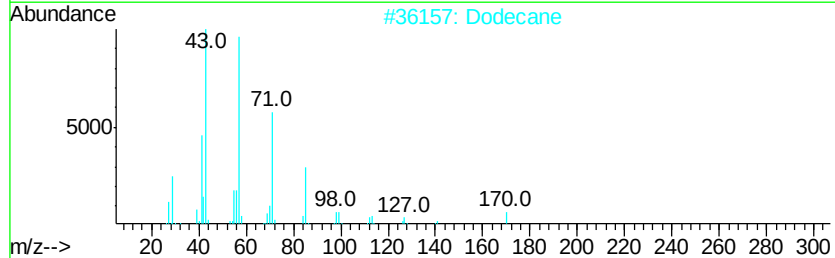
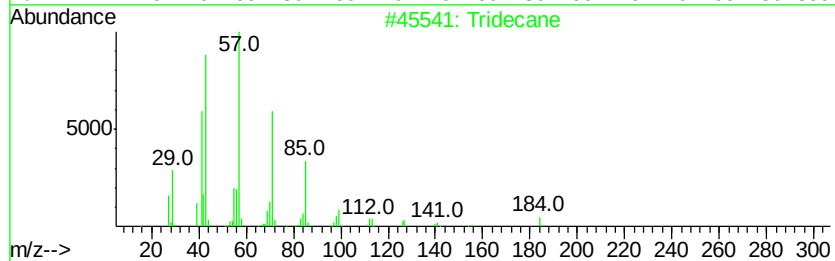
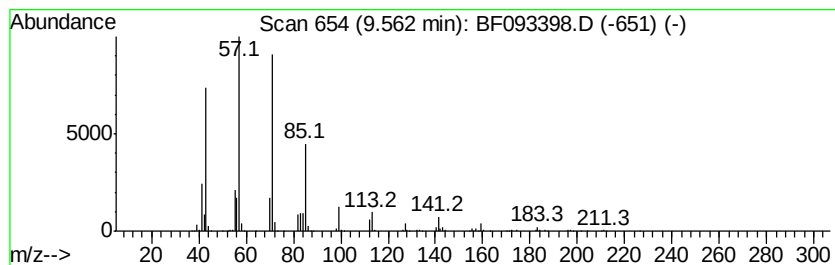
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	32.13 ng	6066230	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	91
2	Dodecane	170 C12H26	000112-40-3	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	86
4	Decane, 5-propyl-	184 C13H28	017312-62-8	83
5	Undecane, 5-methyl-	170 C12H26	001632-70-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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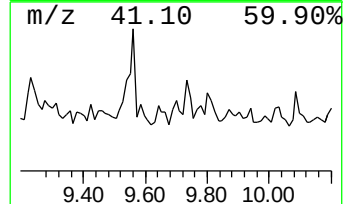
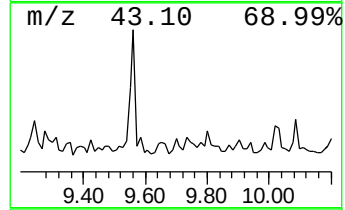
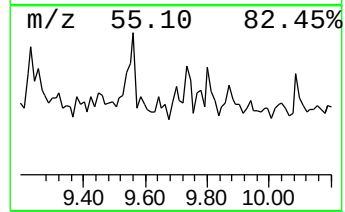
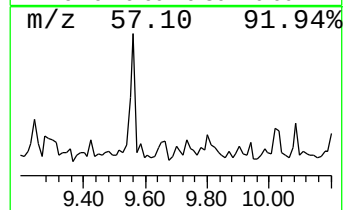
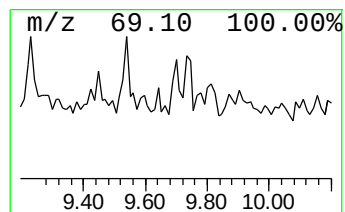
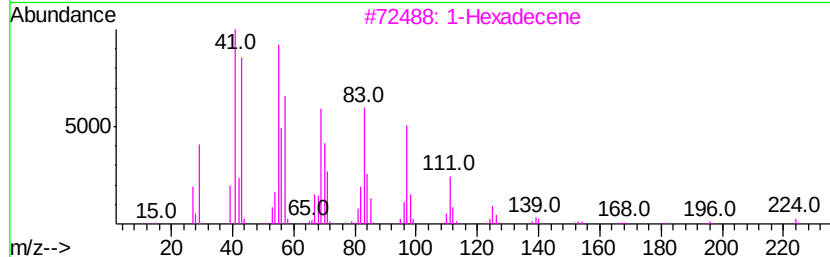
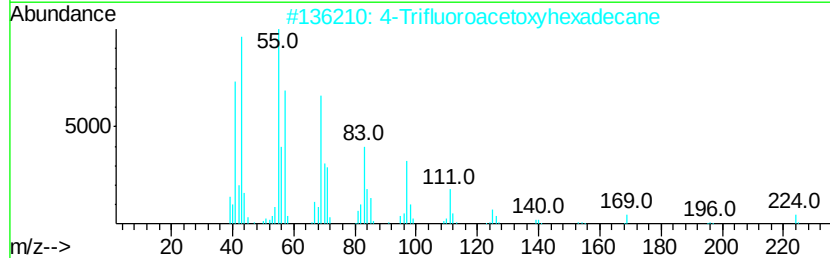
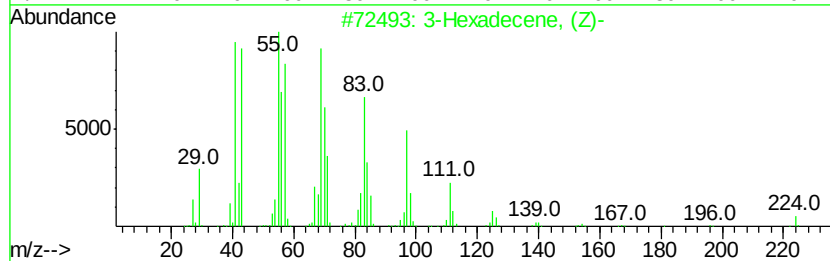
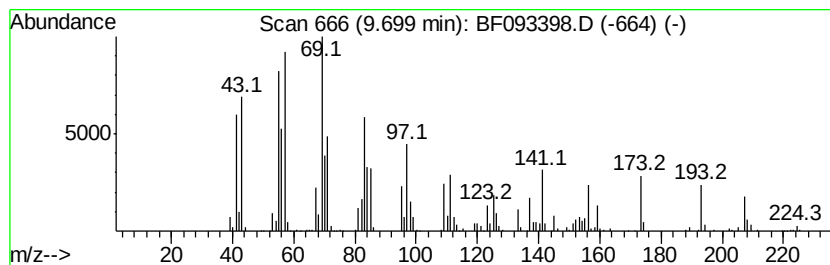
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Hexadecene, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	10.15 ng	1917230	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Hexadecene, (Z)-	224 C16H32	034303-81-6 64
2		4-Trifluoroacetoxyhexadecane	338 C18H33F3O2	1000215-97-5 49
3		1-Hexadecene	224 C16H32	000629-73-2 44
4		4-Heptafluorobutyryloxyhexadecane	438 C20H33F7O2	1000282-97-2 43
5		4-Heptafluorobutyroxytetradecane	410 C18H29F7O2	1000245-49-9 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093398.D
Acq On : 4 Mar 2017 11:11
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ALS Vial : 37 Sample Multiplier: 1

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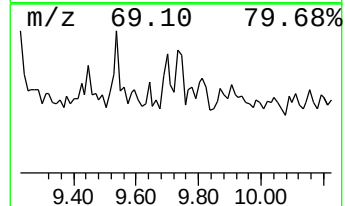
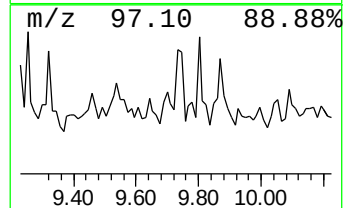
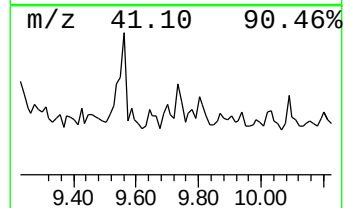
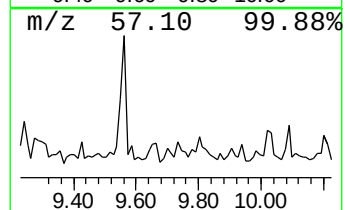
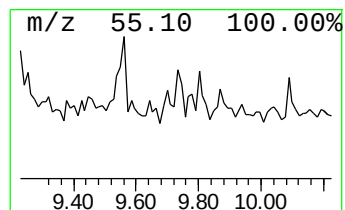
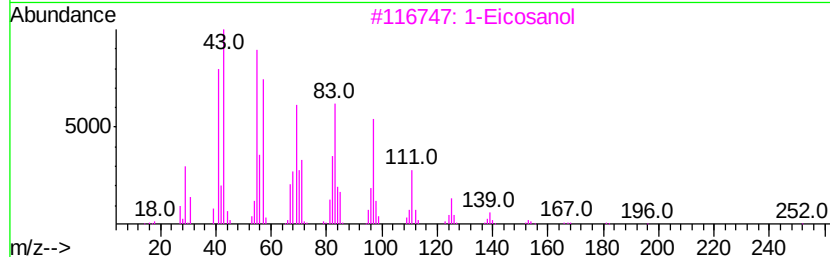
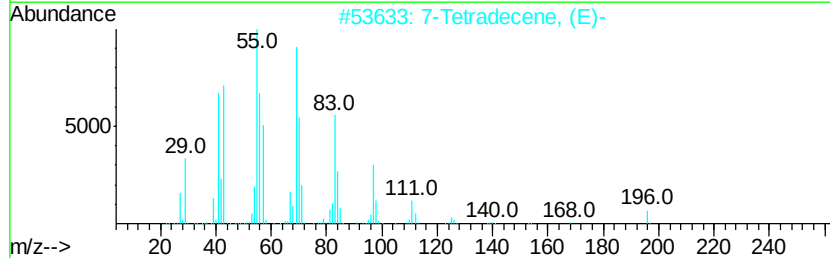
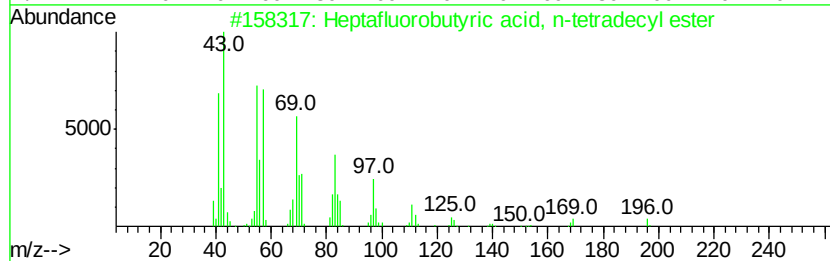
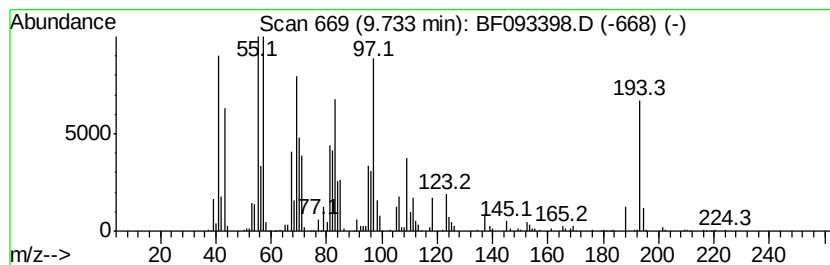
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	10.67 ng	2015400	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	35
2		7-Tetradecene, (E)-	196	C14H28	041446-63-3	27
3		1-Eicosanol	298	C20H42O	000629-96-9	27
4		1-Undecene, 8-methyl-	168	C12H24	074630-40-3	25
5		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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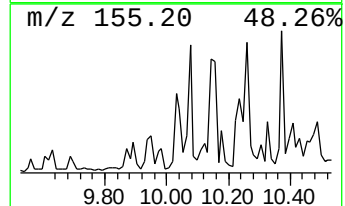
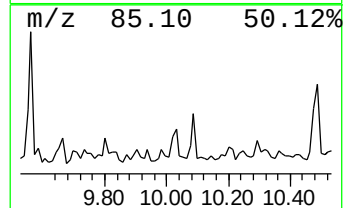
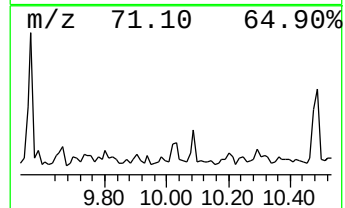
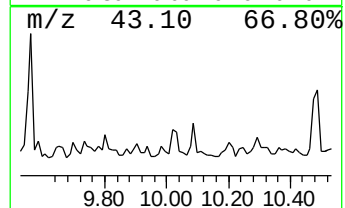
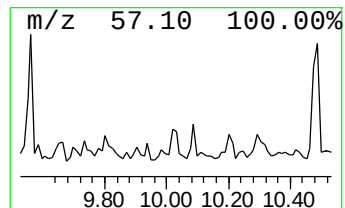
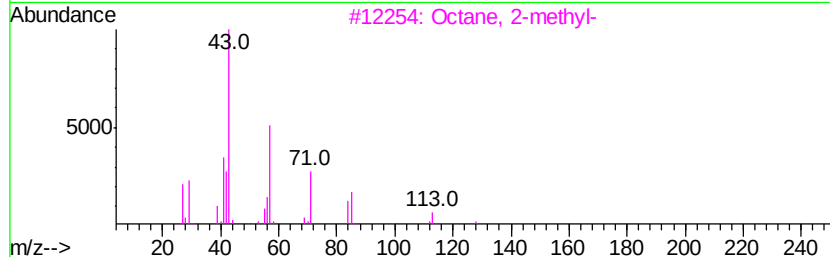
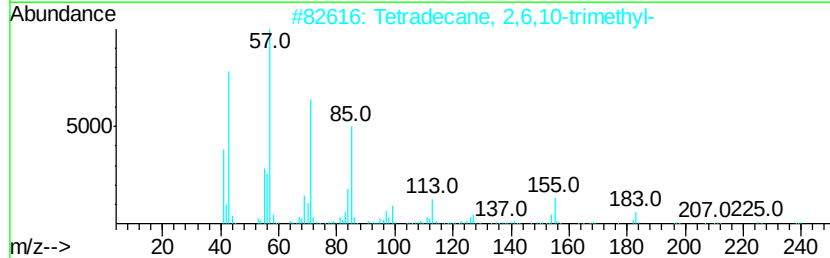
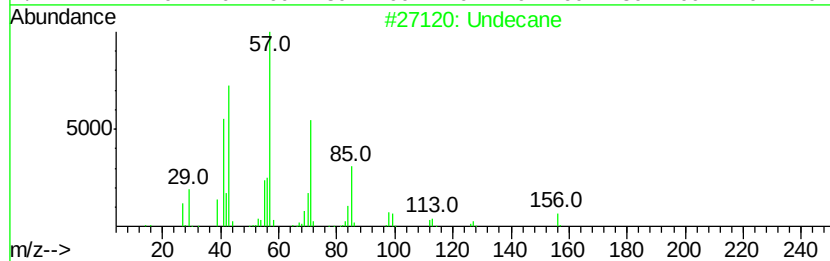
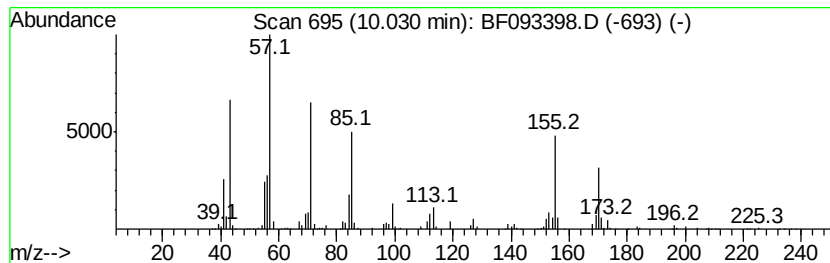
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	10.51 ng	1984090	Acenaphthene-d10	9.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	70
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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ALS Vial : 37 Sample Multiplier: 1

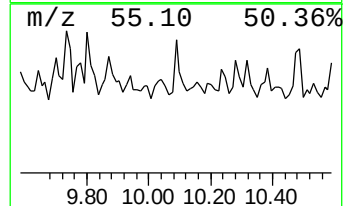
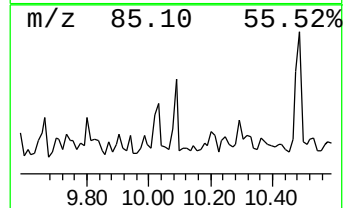
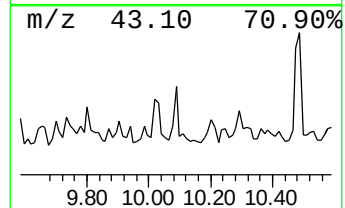
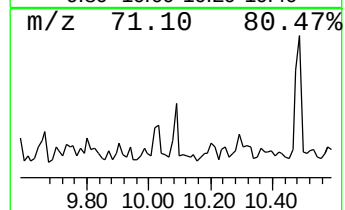
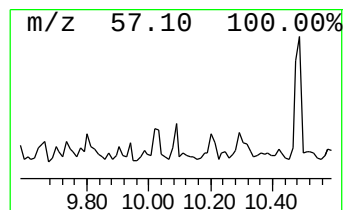
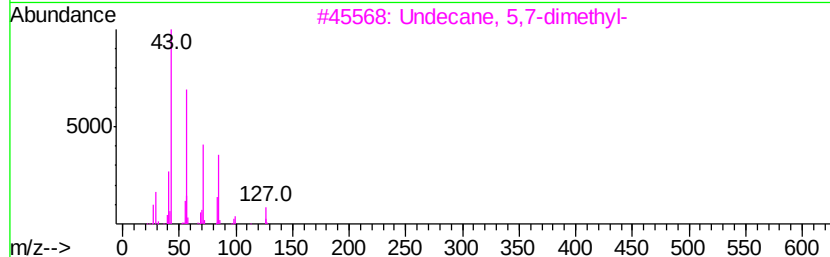
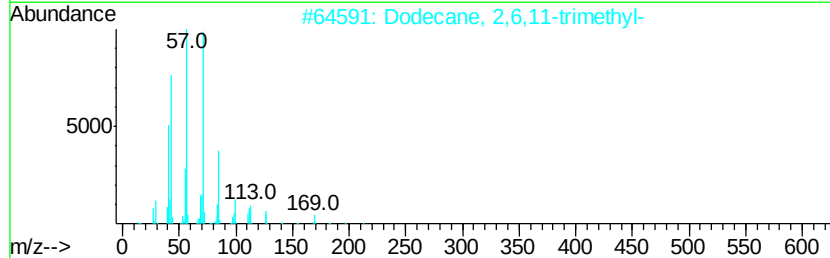
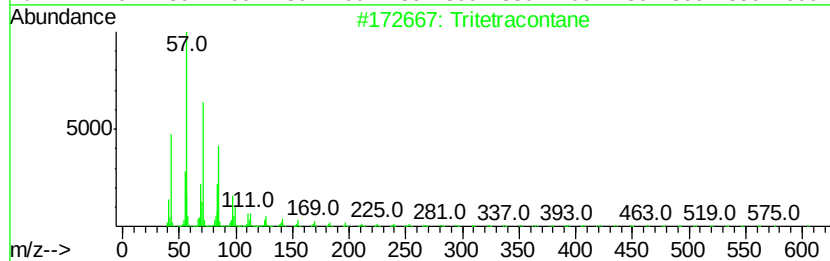
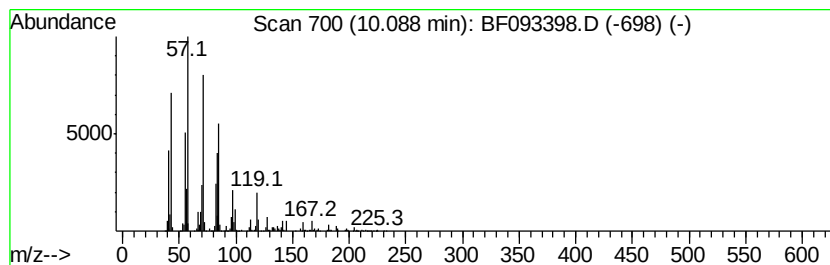
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BNA_F
ClientSampleId :
18B-23

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	12.16 ng	2295000	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tritetracontane	605 C43H88	007098-21-7 64
2		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 49
3		Undecane, 5,7-dimethyl-	184 C13H28	017312-83-3 47
4		Tetratetracontane	619 C44H90	007098-22-8 47
5		Tridecane, 3-methyl-	198 C14H30	006418-41-3 46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Acq On : 4 Mar 2017 11:11
Operator : SJ/MA
Sample : I2057-20 5X
Misc :
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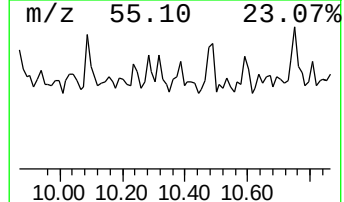
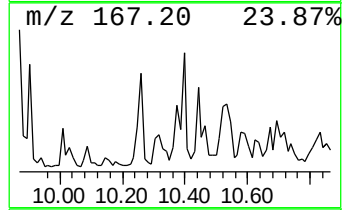
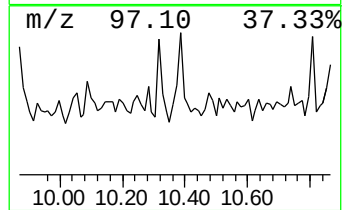
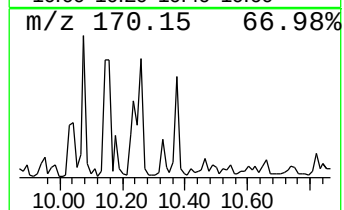
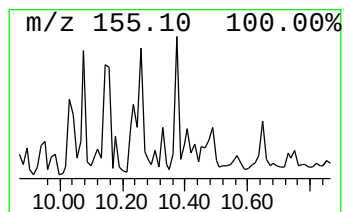
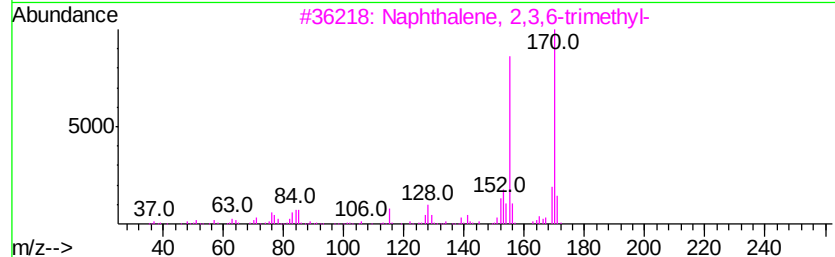
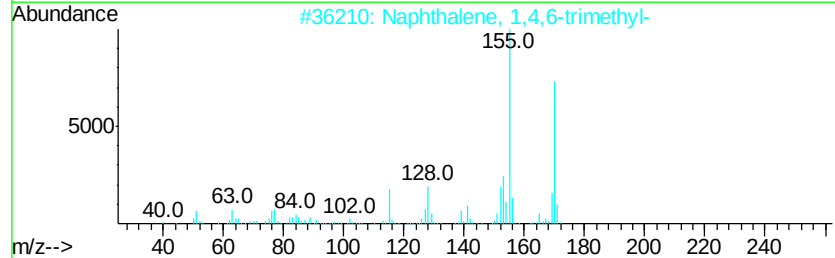
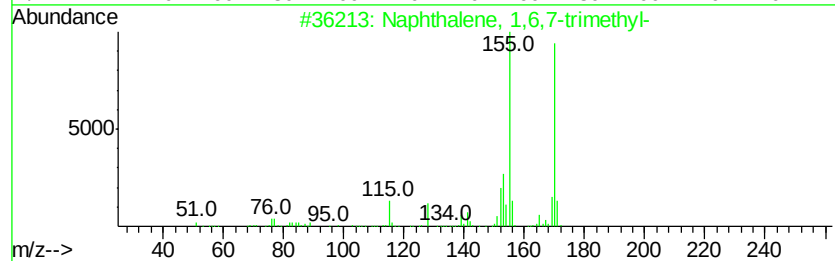
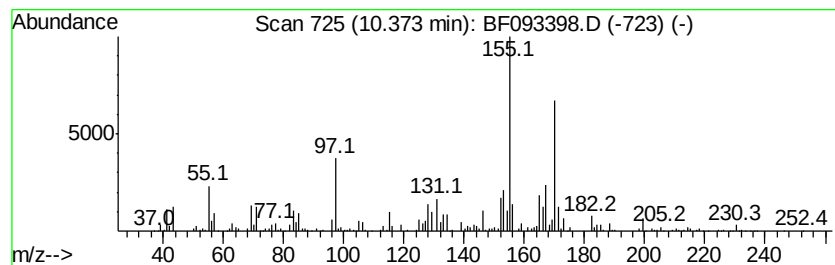
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.37	14.49 ng	2734840	Acenaphthene-d10		9.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	55
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093398.D
Acq On : 4 Mar 2017 11:11
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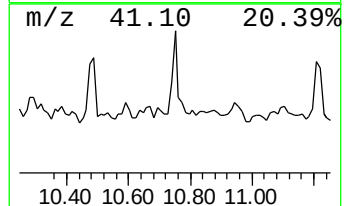
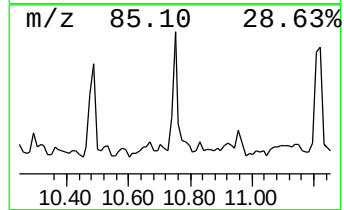
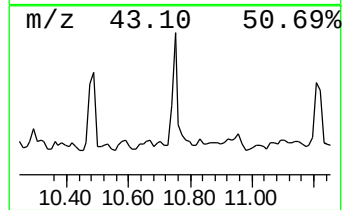
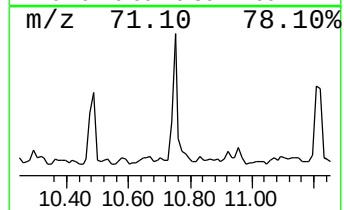
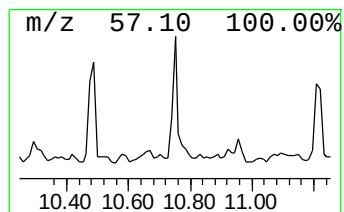
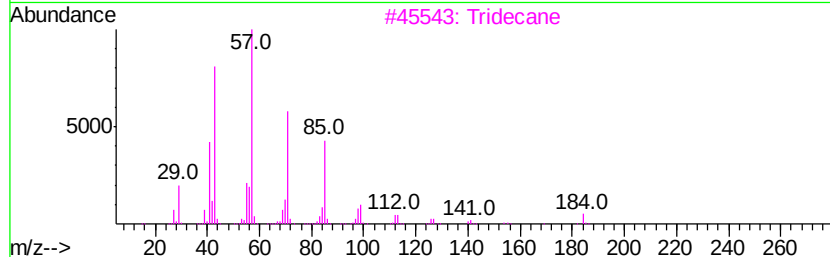
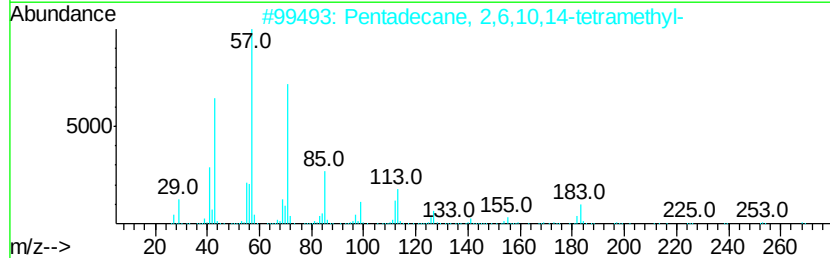
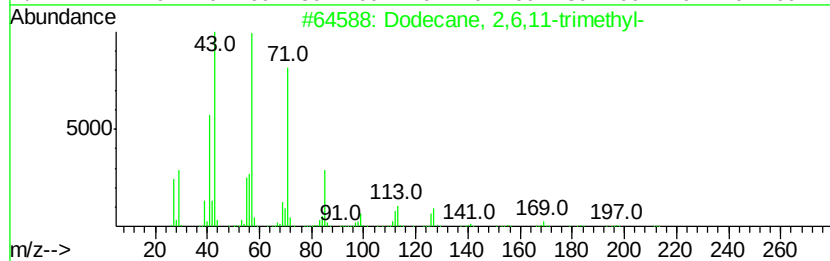
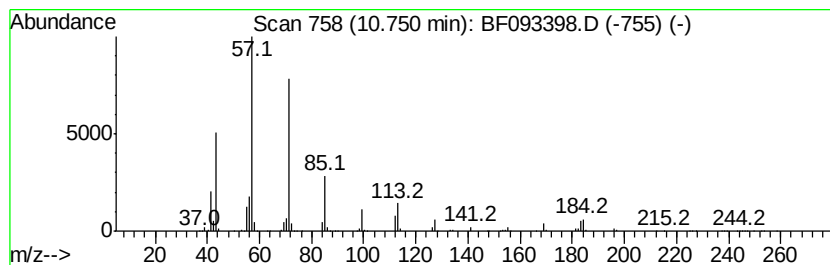
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	66.23 ng	4467490	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3		Tridecane	184	C13H28	000629-50-5	64
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093398.D
Acq On : 4 Mar 2017 11:11
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Sample : I2057-20 5X
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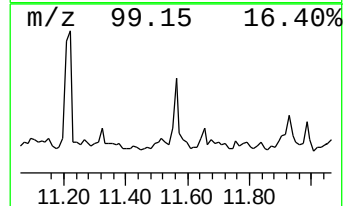
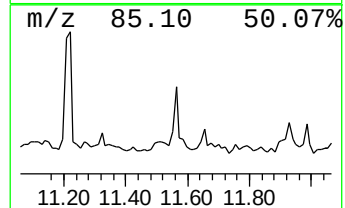
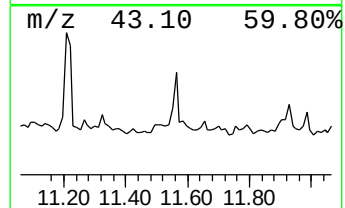
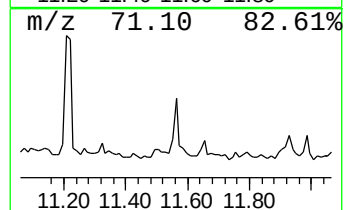
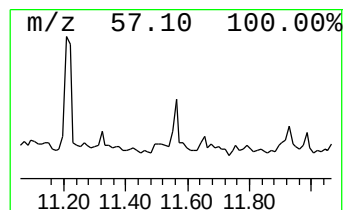
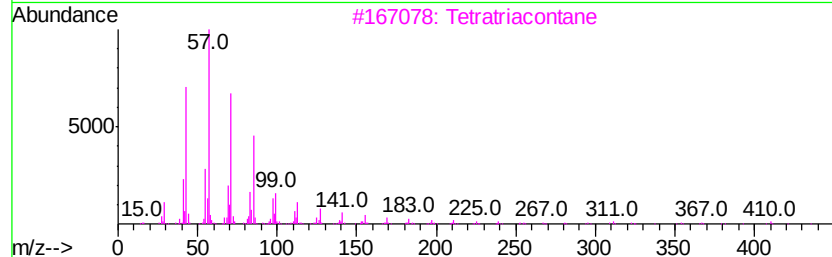
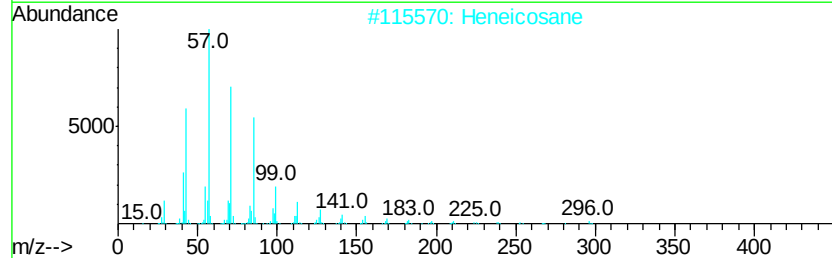
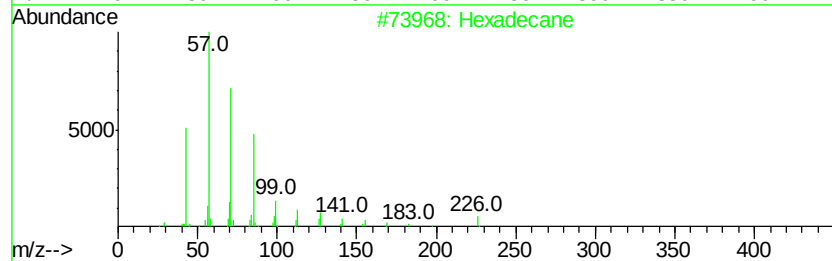
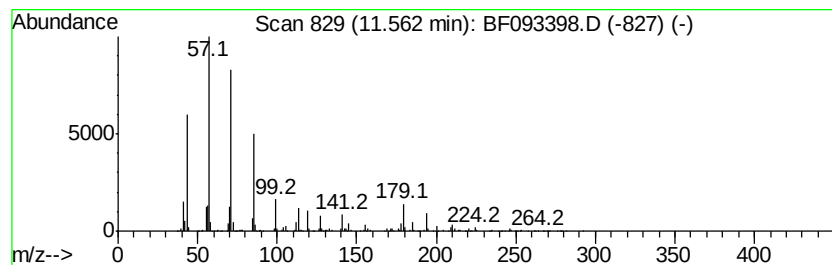
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.56	18.39 ng	1240690	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Heneicosane	296	C21H44	000629-94-7	72
3	Tetratriacontane	479	C34H70	014167-59-0	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093398.D
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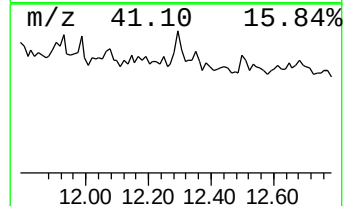
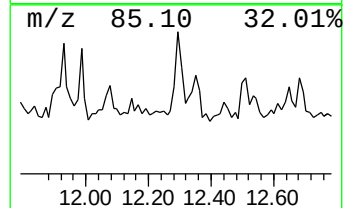
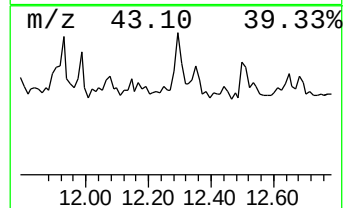
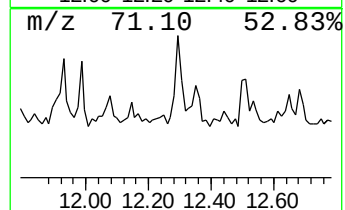
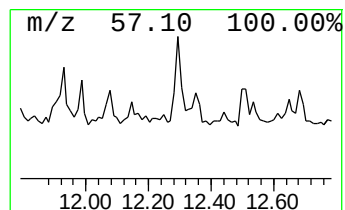
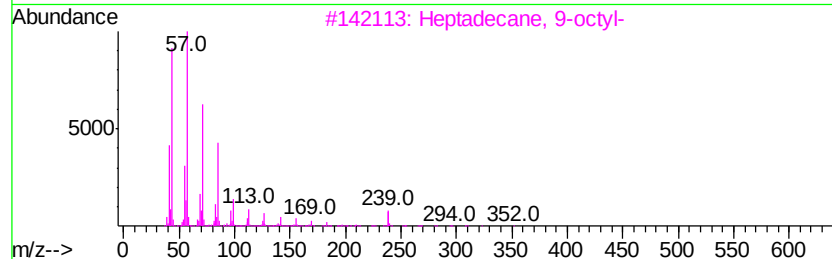
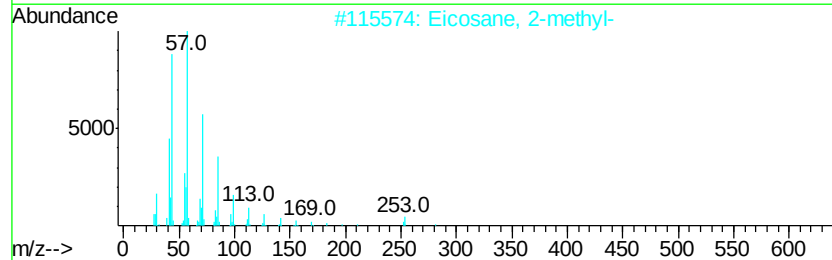
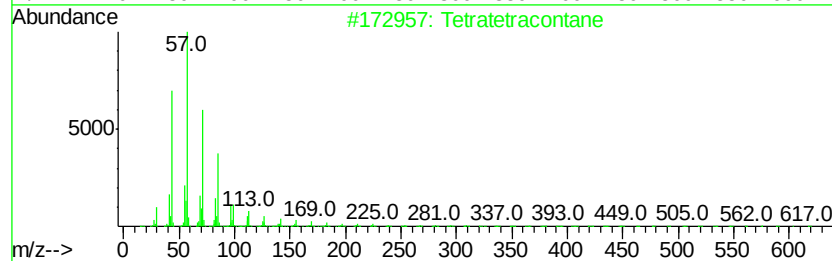
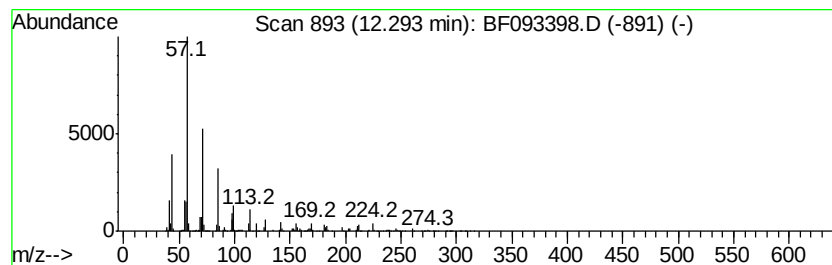
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	16.00 ng	1079280	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetratetracontane	619 C44H90	007098-22-8 86
2		Eicosane, 2-methyl-	296 C21H44	001560-84-5 86
3		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 86
4		Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6 83
5		Pentadecane	212 C15H32	000629-62-9 81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Sample : I2057-20 5X
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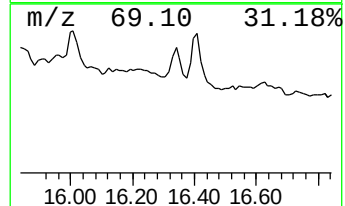
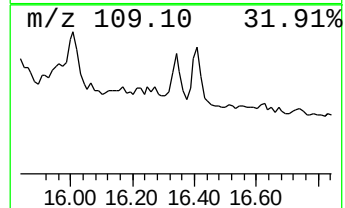
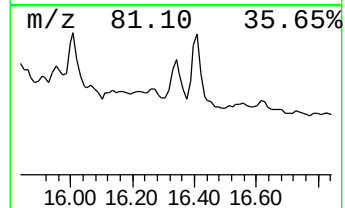
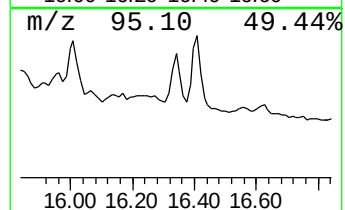
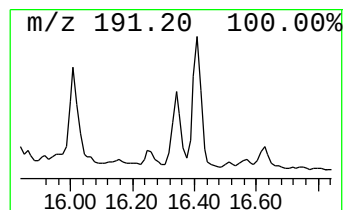
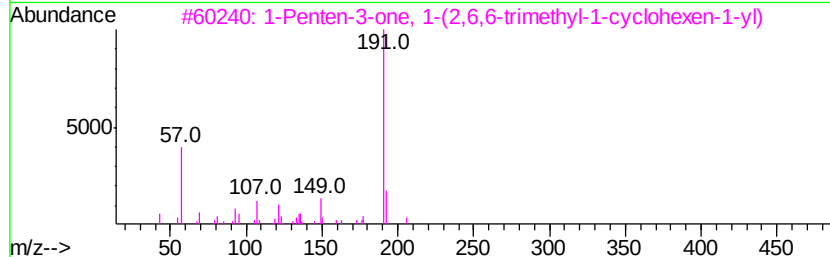
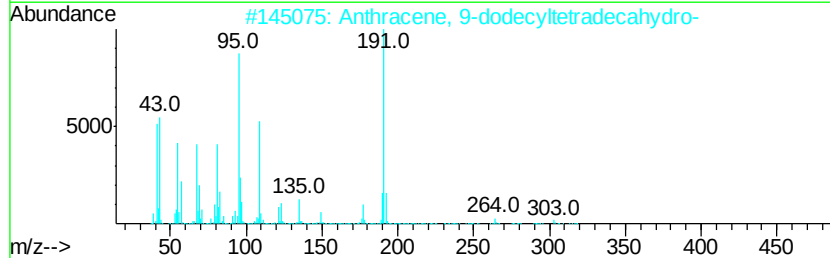
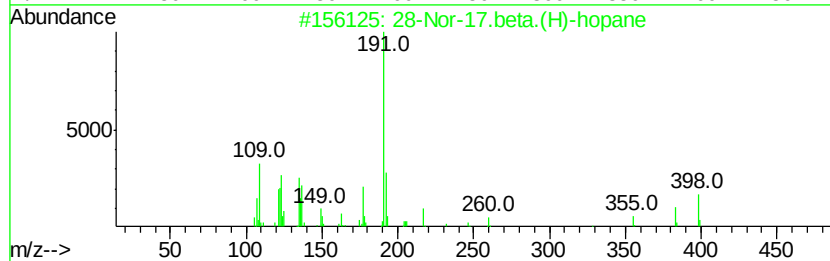
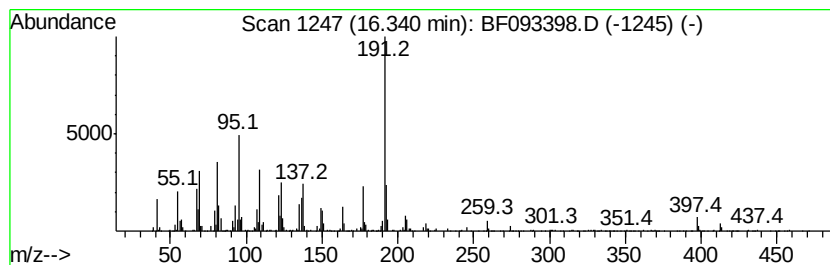
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	20.00 ng	921367	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	64
2	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	40
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	38
4	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	37
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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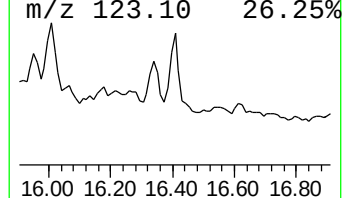
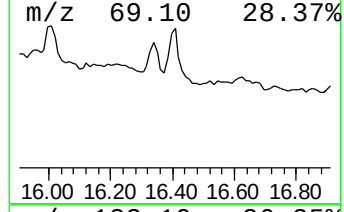
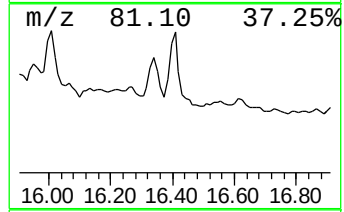
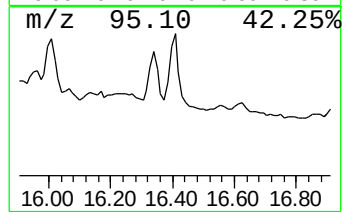
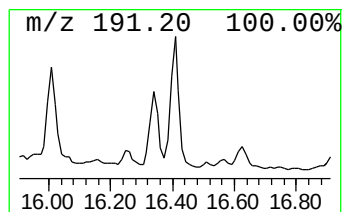
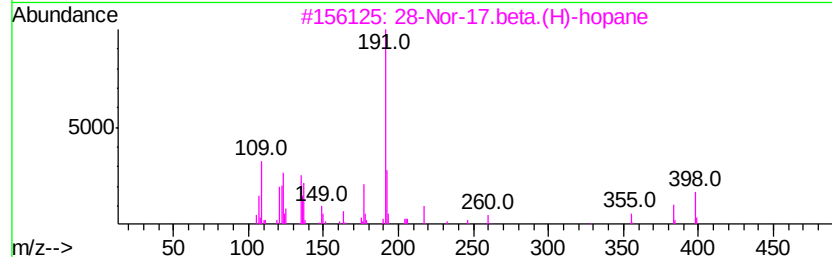
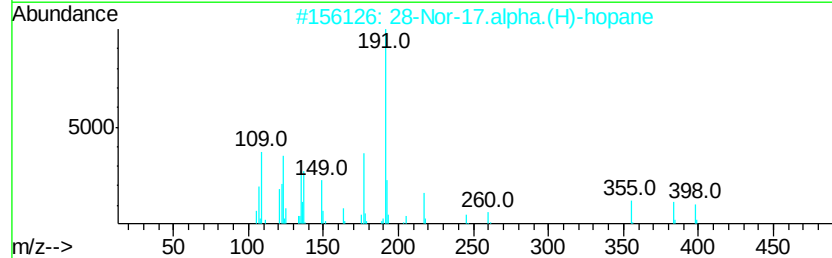
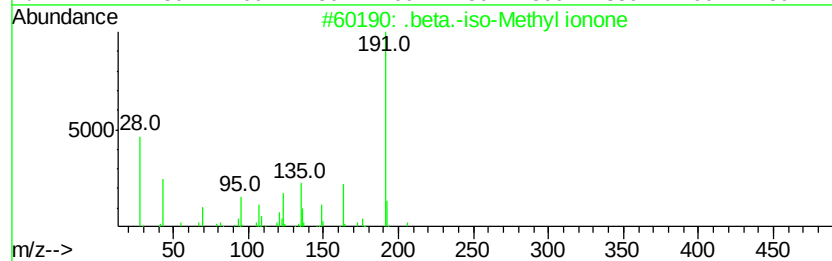
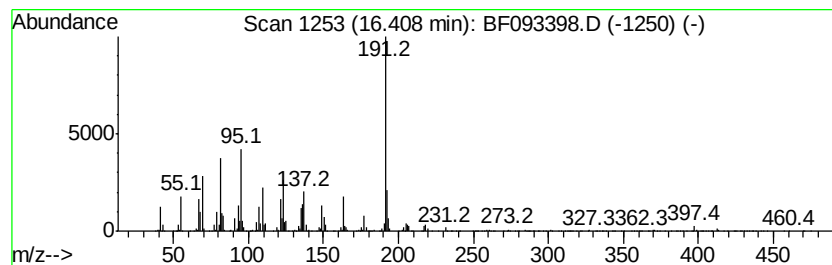
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	45.91 ng	2115120	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	40
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093398.D
 Acq On : 4 Mar 2017 11:11
 Operator : SJ/MA
 Sample : I2057-20 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
Undecane, 5-methyl-	7.50	9.8	ng	2457550	2	8.08	5003860	20.0
1-Methyldecahydro...	7.71	11.4	ng	2850340	2	8.08	5003860	20.0
unknown7.95	7.95	10.6	ng	2658530	2	8.08	5003860	20.0
Undecane, 2,6-dim...	8.14	15.3	ng	3838640	2	8.08	5003860	20.0
Octane, 2,6-dimet...	8.50	27.4	ng	6862970	2	8.08	5003860	20.0
unknown8.76	8.76	11.1	ng	2765740	2	8.08	5003860	20.0
Tridecane	9.56	32.1	ng	6066230	3	9.84	3776050	20.0
3-Hexadecene, (Z)-	9.70	10.2	ng	1917230	3	9.84	3776050	20.0
unknown9.73	9.73	10.7	ng	2015400	3	9.84	3776050	20.0
Undecane	10.03	10.5	ng	1984090	3	9.84	3776050	20.0
Tritetracontane	10.09	12.2	ng	2295000	3	9.84	3776050	20.0
Naphthalene, 1,6,...	10.37	14.5	ng	2734840	3	9.84	3776050	20.0
Dodecane, 2,6,11-...	10.75	66.2	ng	4467490	4	11.32	1349040	20.0
Hexadecane	11.56	18.4	ng	1240690	4	11.32	1349040	20.0
Tetratetracontane	12.29	16.0	ng	1079280	4	11.32	1349040	20.0
28-Nor-17.beta.(H...	16.34	20.0	ng	921367	6	15.39	921367	20.0
.beta.-iso-Methyl...	16.41	45.9	ng	2115120	6	15.39	921367	20.0