

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079176.D
 Acq On : 13 May 2015 00:04
 Operator : TP/IZ
 Sample : G2197-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-SAMPLE

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-BF043015.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	1.438	20	22	25	rVB	553519	620759	32.82%	1.115%
2	1.575	30	34	37	rVB	115446	221860	11.73%	0.399%
3	1.747	46	49	56	rVB	200266	285286	15.08%	0.513%
4	1.850	56	58	73	rVB	397701	620038	32.78%	1.114%
5	5.587	383	385	388	rVB	1347644	1366492	72.24%	2.455%
6	6.844	493	495	498	rVV	1129789	1426127	75.39%	2.562%
7	6.993	506	508	511	rVV	1411035	1507975	79.72%	2.709%
8	7.096	515	517	519	rVB2	242402	244280	12.91%	0.439%
9	7.279	531	533	535	rVV	358247	397723	21.02%	0.715%
10	7.313	535	536	538	rVB2	218552	180059	9.52%	0.324%
11	7.473	548	550	552	rVV	1062148	1236092	65.34%	2.221%
12	7.633	562	564	566	rVB3	116393	188281	9.95%	0.338%
13	7.679	566	568	570	rBV	192872	222907	11.78%	0.400%
14	7.770	574	576	580	rVB2	236310	340293	17.99%	0.611%
15	7.976	588	594	595	rBV	981071	1148467	60.71%	2.063%
16	8.033	598	599	601	rBV	349685	374859	19.82%	0.674%
17	8.090	601	604	606	rVB2	194268	277291	14.66%	0.498%
18	8.273	618	620	622	rBV	277039	383974	20.30%	0.690%
19	8.410	627	632	634	rBV3	260557	472249	24.96%	0.848%
20	8.490	637	639	641	rVB	141464	225882	11.94%	0.406%
21	8.536	641	643	645	rBV2	436016	491280	25.97%	0.883%
22	8.582	645	647	650	rVB2	326256	449630	23.77%	0.808%
23	8.639	650	652	653	rBV2	232900	438462	23.18%	0.788%
24	8.822	664	668	669	rBV3	191594	343095	18.14%	0.616%
25	8.867	669	672	673	rVV2	849301	1268280	67.05%	2.279%
26	8.890	673	674	676	rVV2	138873	220125	11.64%	0.395%
27	8.959	679	680	685	rVB2	305912	570242	30.14%	1.025%
28	9.107	688	693	697	rBV5	234629	588925	31.13%	1.058%
29	9.233	700	704	707	rVV6	170094	548645	29.00%	0.986%
30	9.313	710	711	713	rBV2	280579	307859	16.27%	0.553%
31	9.359	713	715	718	rVB3	297251	411736	21.77%	0.740%
32	9.416	718	720	724	rBV3	666488	1072454	56.69%	1.927%
33	9.485	724	726	729	rVV2	259912	323279	17.09%	0.581%
34	9.542	729	731	734	rVV4	113512	189318	10.01%	0.340%

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35	9.622	736	738	741 rVV	646739	934998	49.43%	1.680%
36	9.679	741	743	746 rVV3	246391	421356	22.27%	0.757%
37	9.747	746	749	751 rVB4	188785	379418	20.06%	0.682%
38	9.885	758	761	763 rBV3	404295	503682	26.63%	0.905%
39	9.976	766	769	770 rBV2	249541	394891	20.88%	0.710%
40	9.999	770	771	773 rVB2	255270	249284	13.18%	0.448%
41	10.033	773	774	777 rBV3	215016	320736	16.96%	0.576%
42	10.079	777	778	781 rVB	321178	316735	16.74%	0.569%
43	10.125	781	782	784 rBV2	280532	435485	23.02%	0.782%
44	10.159	784	785	787 rVB2	735487	538684	28.48%	0.968%
45	10.205	787	789	791 rVB	1848471	1530401	80.90%	2.750%
46	10.330	794	800	802 rBV	890062	1209296	63.93%	2.173%
47	10.388	802	805	807 rBV	286394	368096	19.46%	0.661%
48	10.525	814	817	819 rBV	245418	464874	24.57%	0.835%
49	10.616	822	825	826 rBV2	281699	377595	19.96%	0.678%
50	10.650	826	828	831 rVB3	353211	572880	30.28%	1.029%
51	10.730	831	835	836 rBV3	691220	1090806	57.66%	1.960%
52	10.993	855	858	859 rBV	819722	920386	48.65%	1.654%
53	11.028	859	861	863 rVV	614975	880917	46.57%	1.583%
54	11.073	863	865	868 rVV3	125338	308458	16.31%	0.554%
55	11.176	872	874	877 rBV	188783	336835	17.81%	0.605%
56	11.290	880	884	887 rBV2	389435	937539	49.56%	1.684%
57	11.348	887	889	891 rVV	354570	371179	19.62%	0.667%
58	11.393	891	893	895 rVB2	402388	528909	27.96%	0.950%
59	11.439	895	897	898 rBV	370182	472947	25.00%	0.850%
60	11.473	898	900	901 rVB2	210228	247807	13.10%	0.445%
61	11.542	901	906	908 rBV4	288760	665960	35.20%	1.197%
62	11.611	911	912	914 rVV	749243	705615	37.30%	1.268%
63	11.656	914	916	919 rVV3	170569	335022	17.71%	0.602%
64	11.759	923	925	927 rBV2	185555	367934	19.45%	0.661%
65	11.793	927	928	933 rVB4	212198	321485	16.99%	0.578%
66	11.885	933	936	940 rBV	787715	1294817	68.45%	2.326%
67	12.011	943	947	950 rBV5	932518	1574578	83.24%	2.829%
68	12.216	962	965	968 rVV	947677	1679885	88.80%	3.018%
69	12.445	982	985	986 rBV2	331373	510465	26.98%	0.917%
70	12.559	994	995	998 rBV2	118762	250363	13.23%	0.450%
71	12.765	1011	1013	1014 rVV	548517	523966	27.70%	0.941%

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72	12.799	1014	1016	1019	rVB	762599	903317	47.75%	1.623%
73	12.879	1020	1023	1024	rBV	551254	534934	28.28%	0.961%
74	12.902	1024	1025	1027	rVB	295525	345054	18.24%	0.620%
75	13.176	1048	1049	1053	rVV2	165208	201559	10.66%	0.362%
76	13.302	1057	1060	1061	rBV	352362	545407	28.83%	0.980%
77	13.508	1075	1078	1079	rBV2	211265	332398	17.57%	0.597%
78	13.542	1079	1081	1084	rVB	251178	326298	17.25%	0.586%
79	13.634	1087	1089	1091	rBV2	154633	269000	14.22%	0.483%
80	13.805	1102	1104	1106	rBV	346301	350790	18.54%	0.630%
81	14.194	1136	1138	1140	rVV	173337	193373	10.22%	0.347%
82	14.228	1140	1141	1145	rVB3	142761	215910	11.41%	0.388%
83	14.297	1145	1147	1149	rBV	256250	282633	14.94%	0.508%
84	14.388	1153	1155	1157	rVV	521999	492272	26.02%	0.884%
85	14.662	1177	1179	1181	rVB	426683	541865	28.64%	0.974%
86	14.754	1185	1187	1189	rVB	195139	235845	12.47%	0.424%
87	14.868	1195	1197	1200	rBV	1391991	1891676	100.00%	3.399%
88	15.211	1225	1227	1228	rVV2	135344	182072	9.62%	0.327%
89	16.034	1297	1299	1306	rBV	264897	460884	24.36%	0.828%
90	16.160	1307	1310	1312	rBV2	517002	840426	44.43%	1.510%
91	16.194	1312	1313	1316	rVB2	241785	242464	12.82%	0.436%
92	16.834	1367	1369	1374	rVB	303818	414199	21.90%	0.744%
93	17.428	1419	1421	1428	rBV	224671	545269	28.82%	0.980%
94	17.600	1433	1436	1441	rBV	552699	884959	46.78%	1.590%
95	17.748	1446	1449	1452	rVV	133362	232056	12.27%	0.417%
96	17.805	1452	1454	1457	rVV	169137	210910	11.15%	0.379%
97	17.874	1457	1460	1467	rVB	475864	701402	37.08%	1.260%
98	18.423	1505	1508	1511	rBV	323037	540940	28.60%	0.972%
99	19.520	1601	1604	1608	rBV	77396	182452	9.64%	0.328%
100	19.943	1638	1641	1646	rVB4	89098	248669	13.15%	0.447%

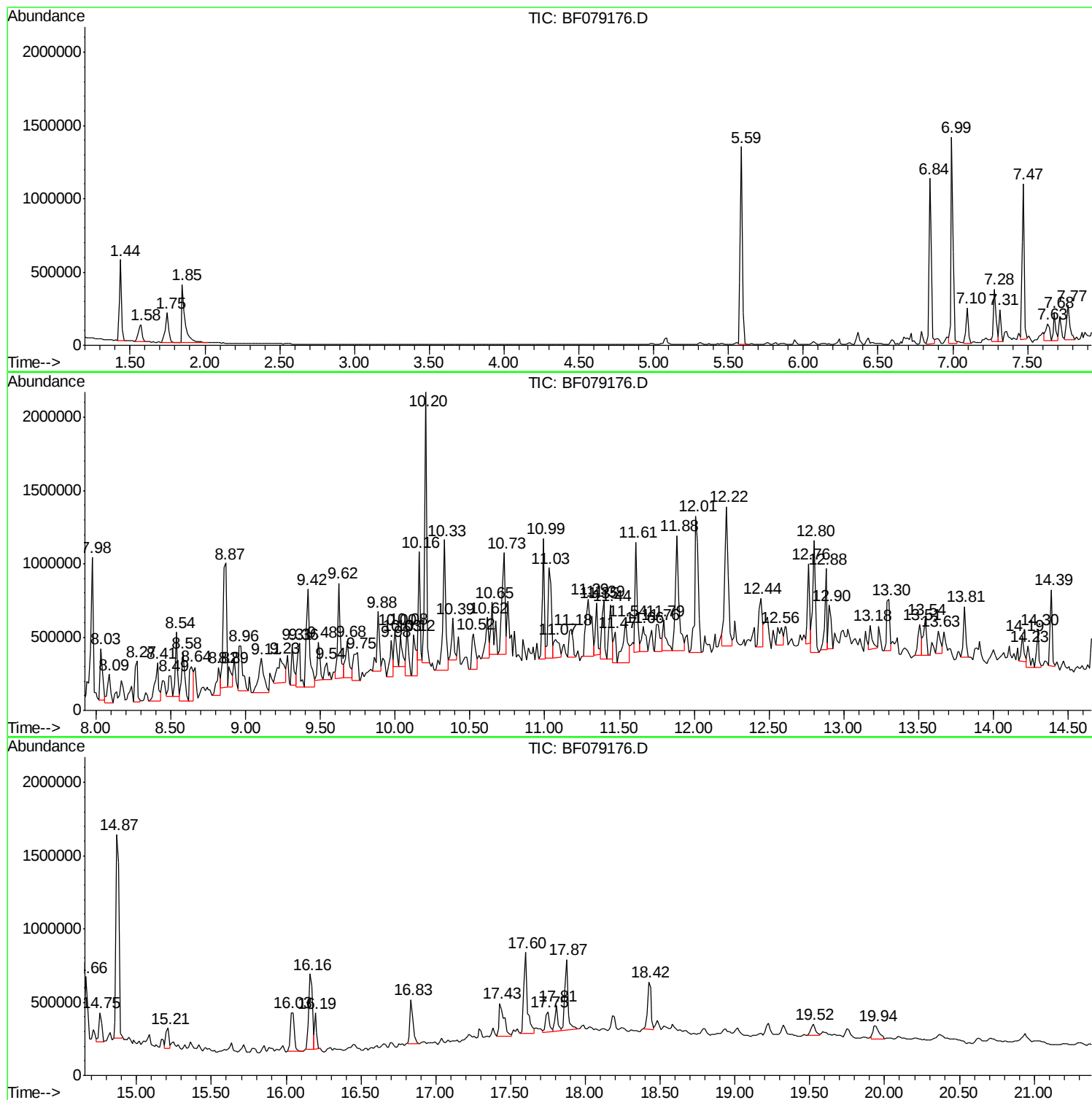
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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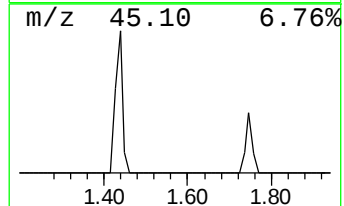
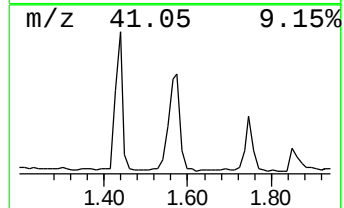
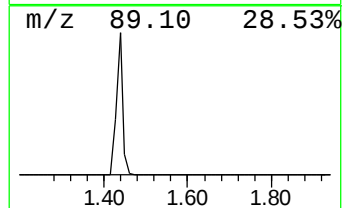
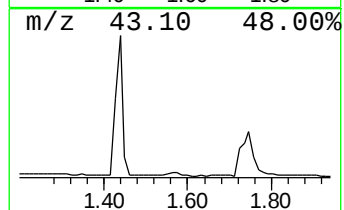
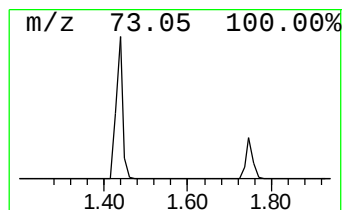
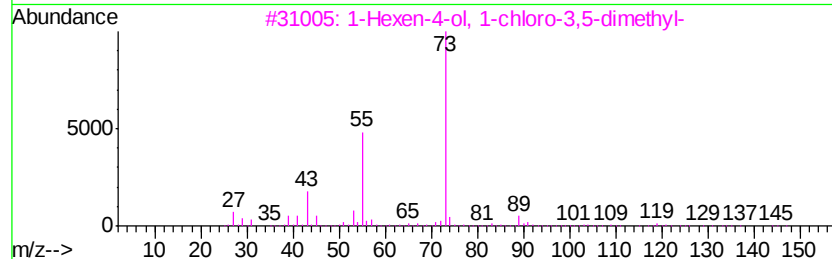
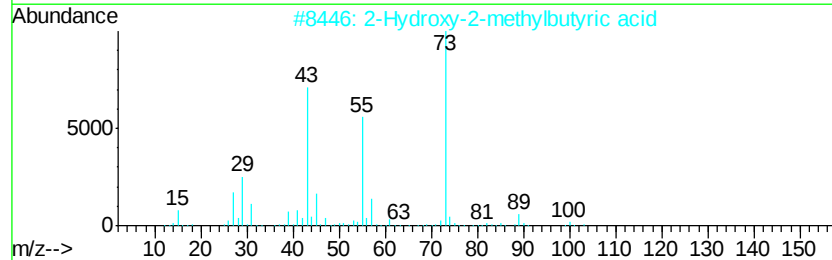
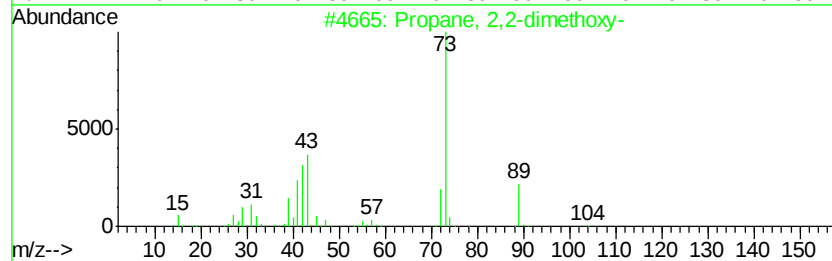
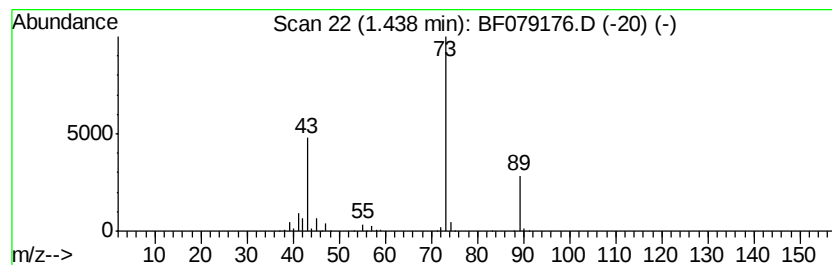
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	31.22 ng	620759	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7



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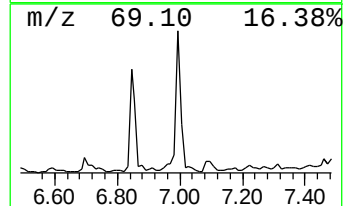
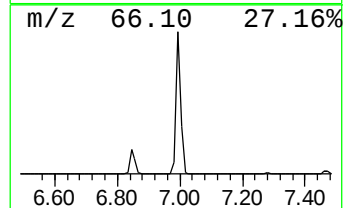
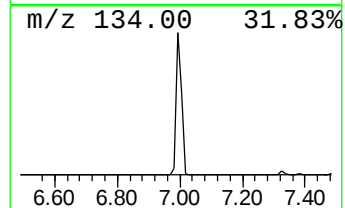
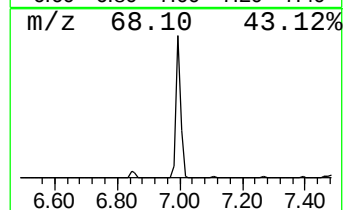
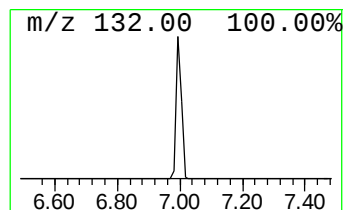
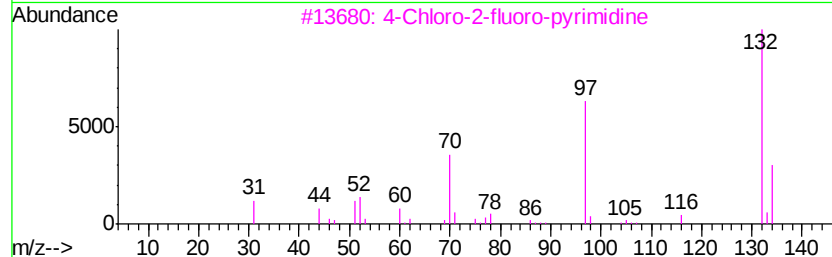
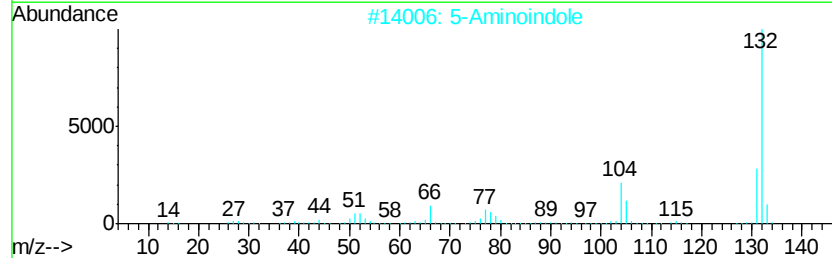
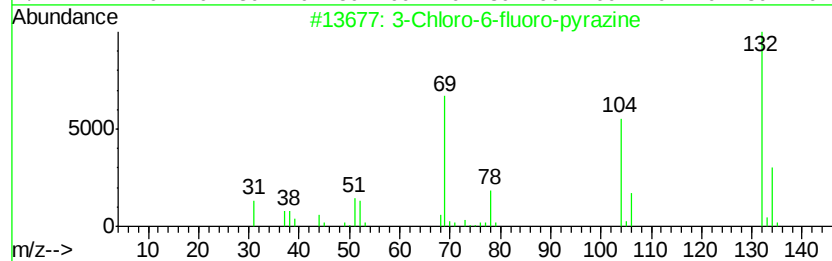
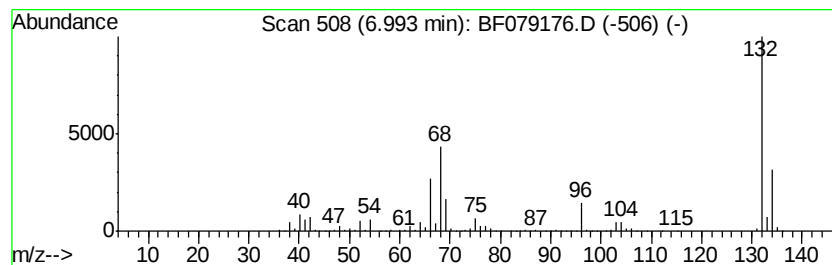
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	75.83 ng	1507980	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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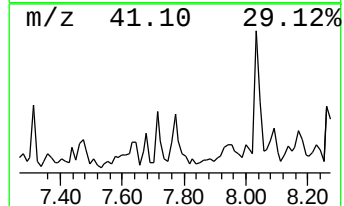
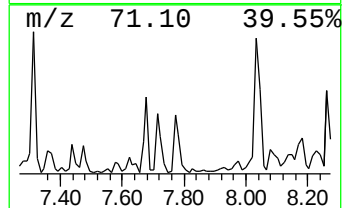
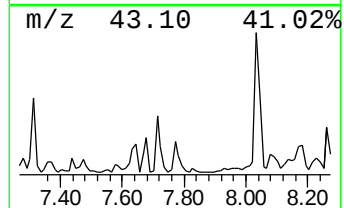
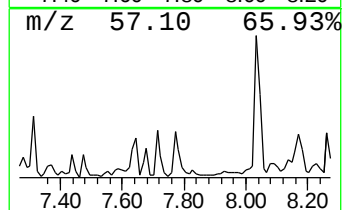
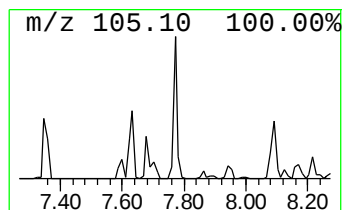
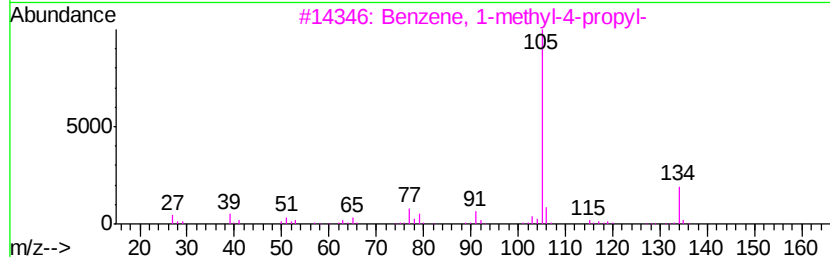
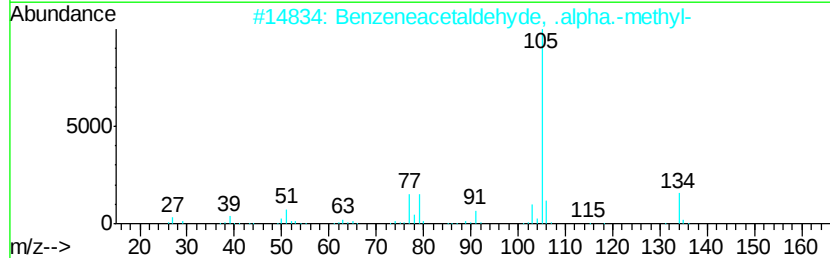
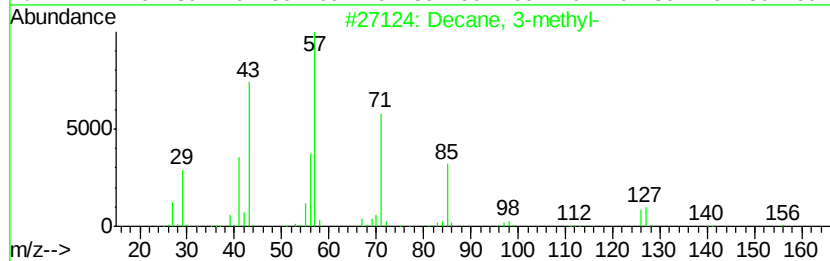
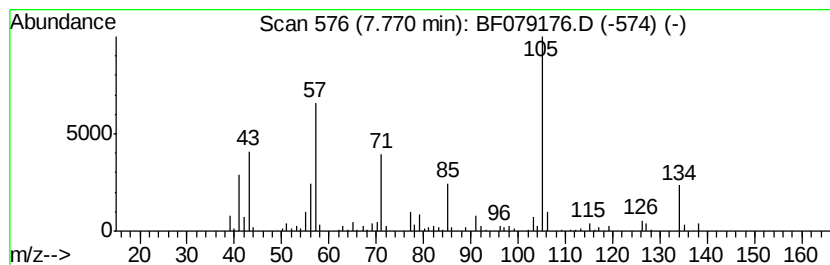
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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.77 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	17.11 ng	340293	1,4-Dichlorobenzene-d4	7.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	47
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
5		2-Tolyloxirane	134	C9H10O	002783-26-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WASTE-SAMPLE

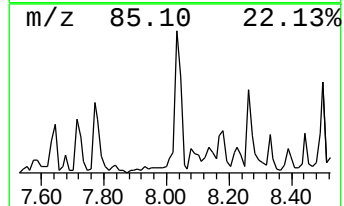
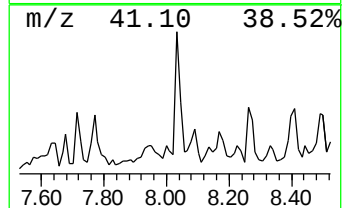
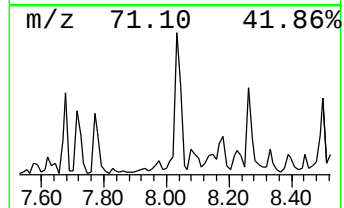
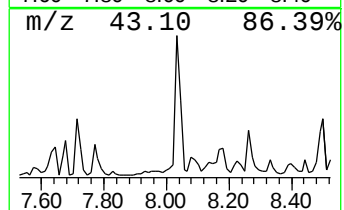
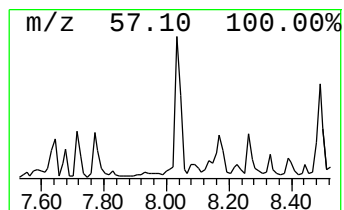
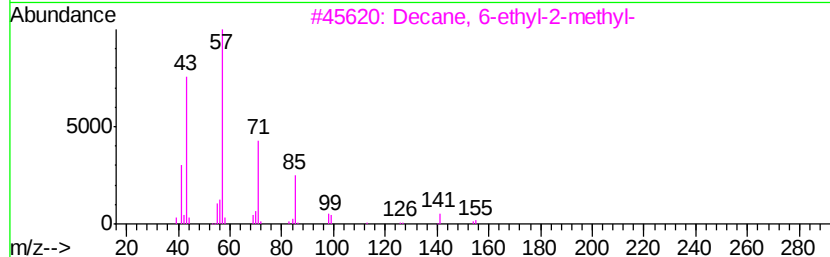
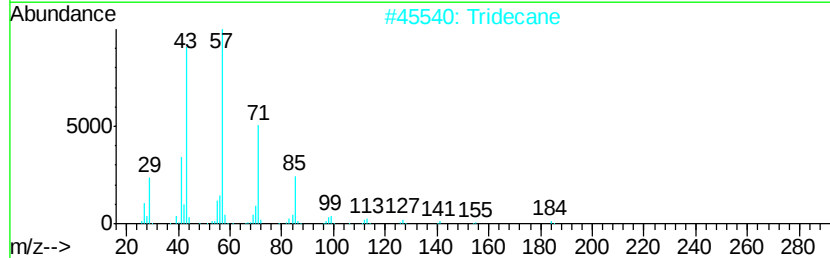
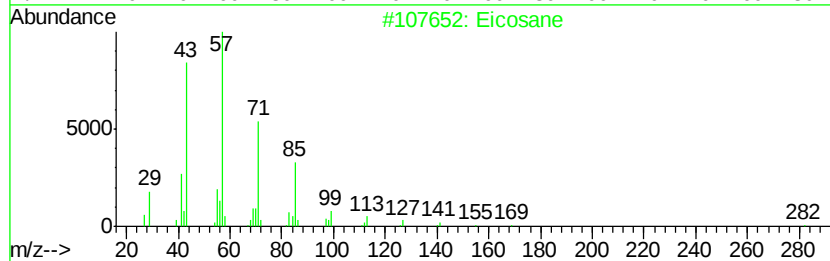
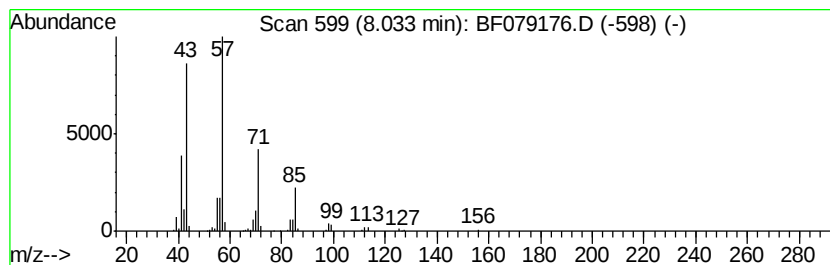
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	18.85 ng	374859	1,4-Dichlorobenzene-d4	7.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Tridecane		184	C13H28	000629-50-5	86
3	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	83
4	Decane		142	C10H22	000124-18-5	80
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
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Sample : G2197-01
Misc :
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Instrument :
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ClientSampleId :
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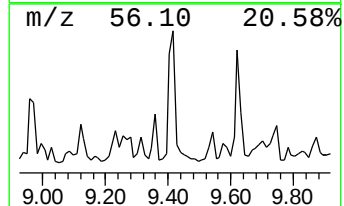
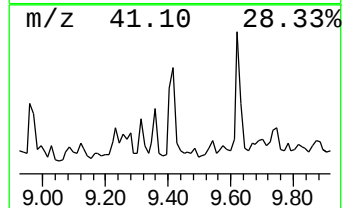
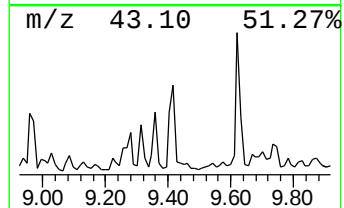
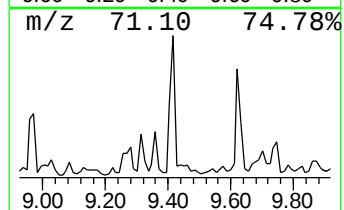
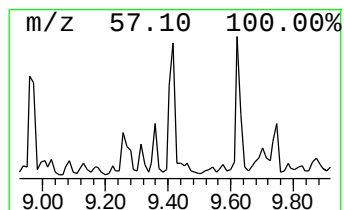
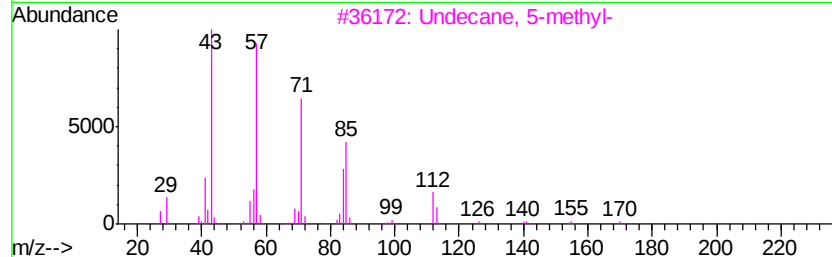
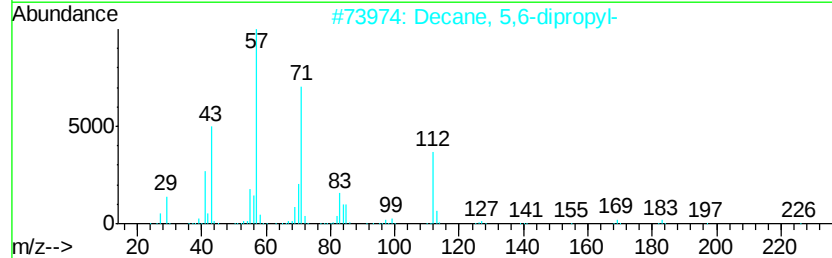
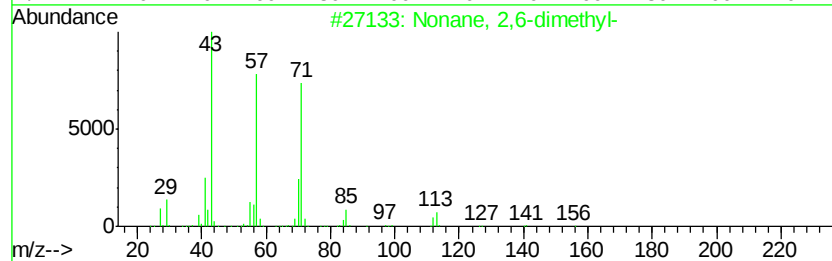
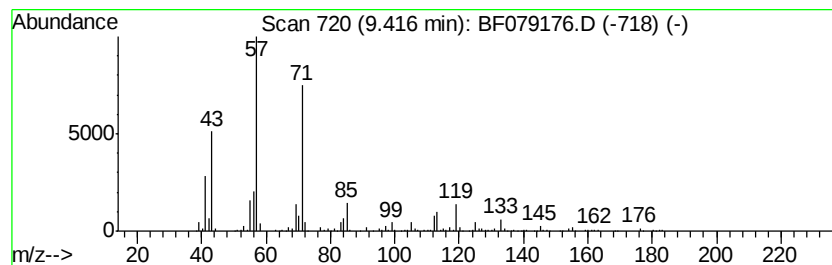
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	16.91 ng	1072450	Napthalene-d8	8.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
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Instrument :
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ClientSampleId :
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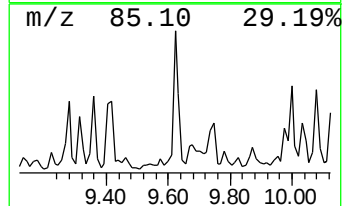
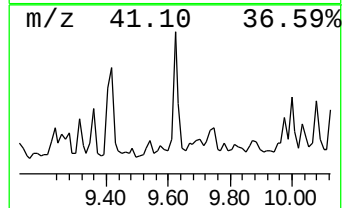
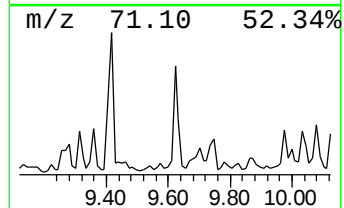
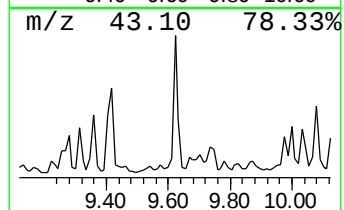
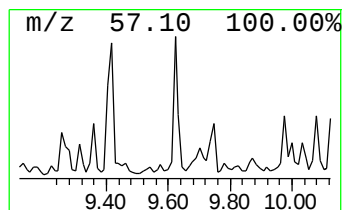
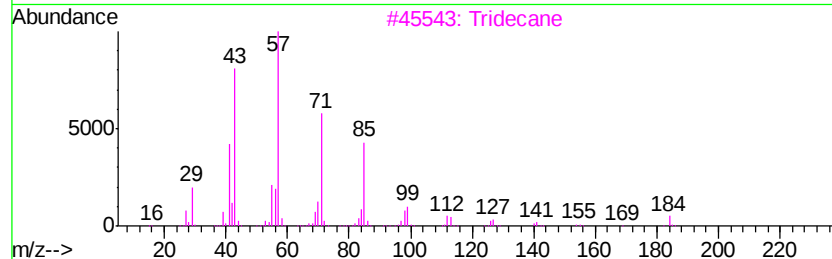
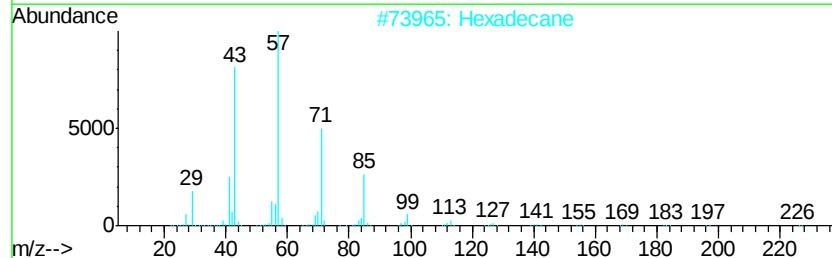
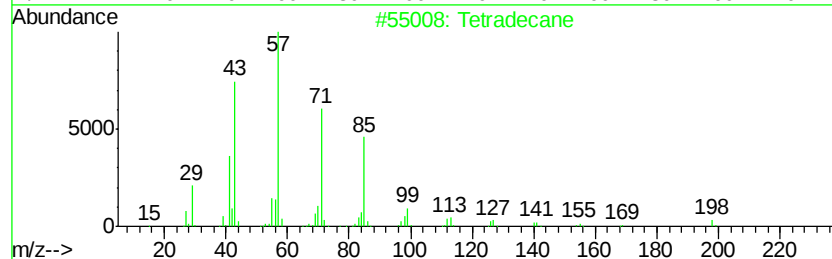
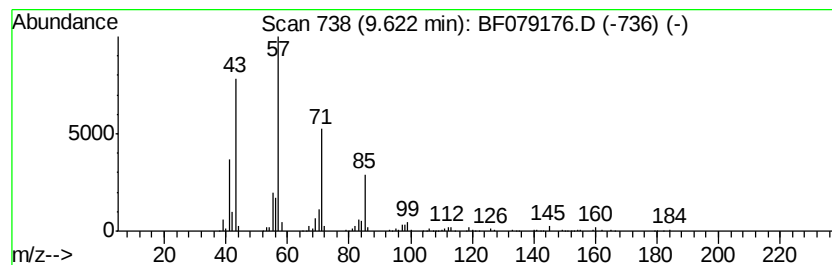
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	14.74 ng	934998	Napthalene-d8	8.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tridecane	184	C13H28	000629-50-5	78
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
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Sample : G2197-01
Misc :
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ClientSampleId :
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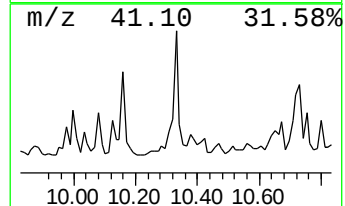
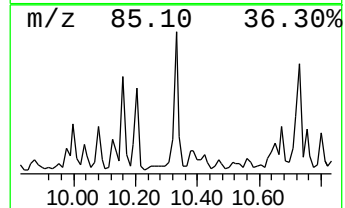
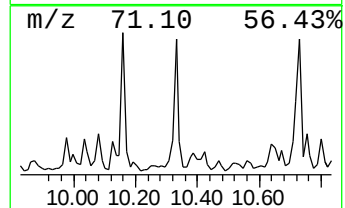
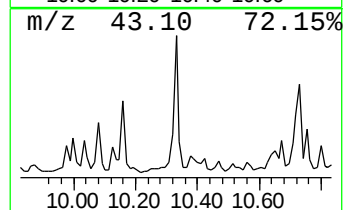
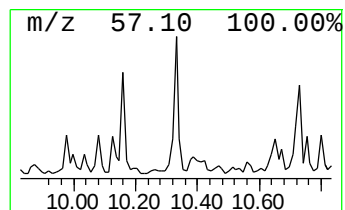
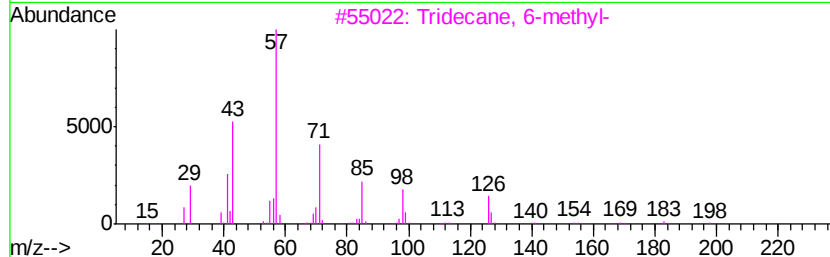
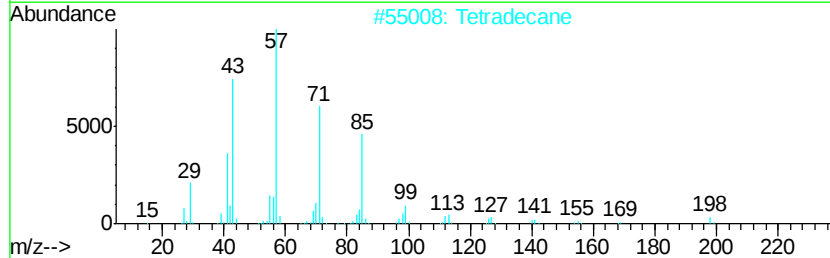
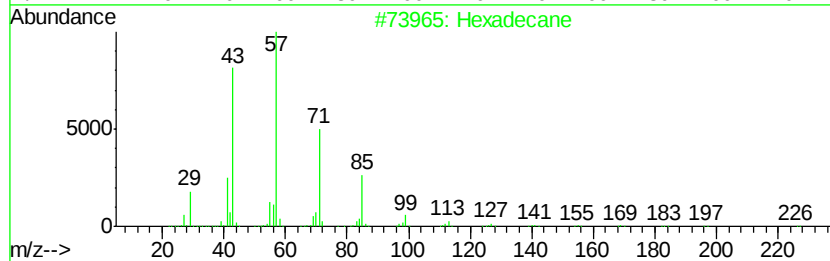
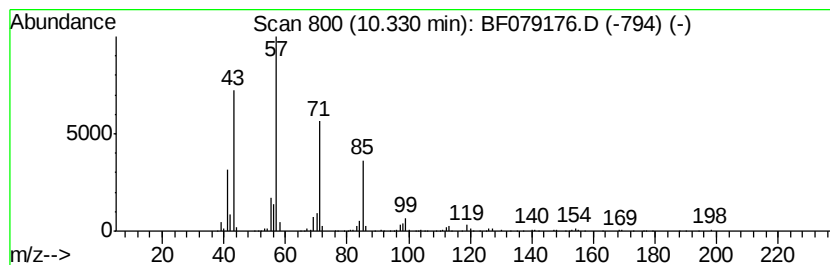
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	27.46 ng	1209300	Acenaphthene-d10	11.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	87
4	Eicosane		282	C20H42	000112-95-8	83
5	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
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Sample : G2197-01
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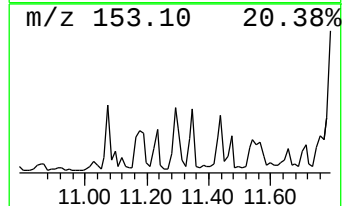
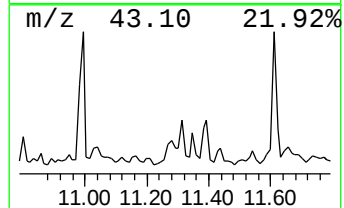
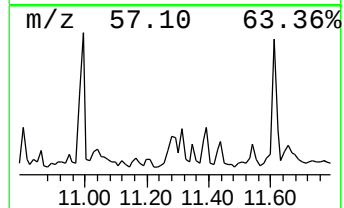
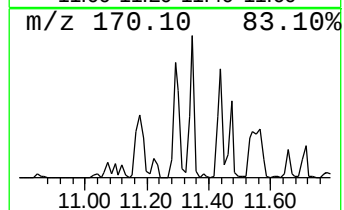
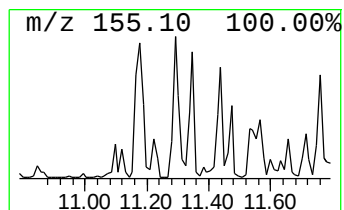
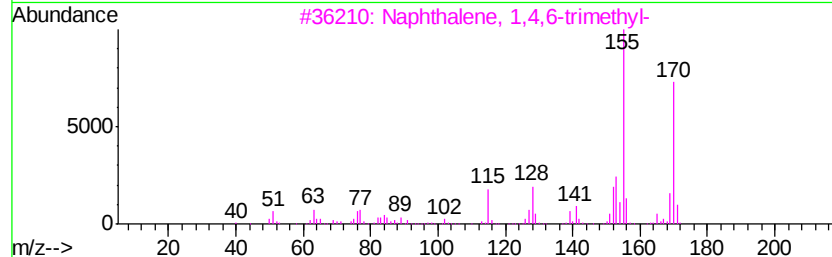
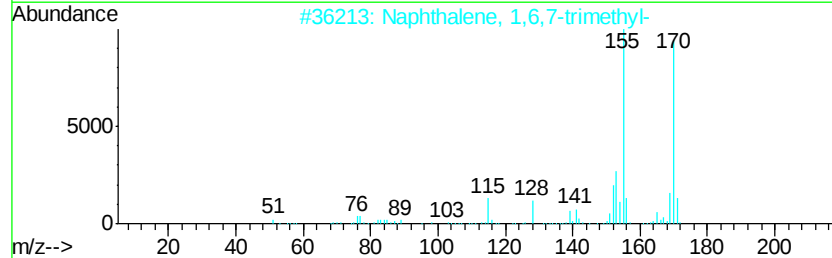
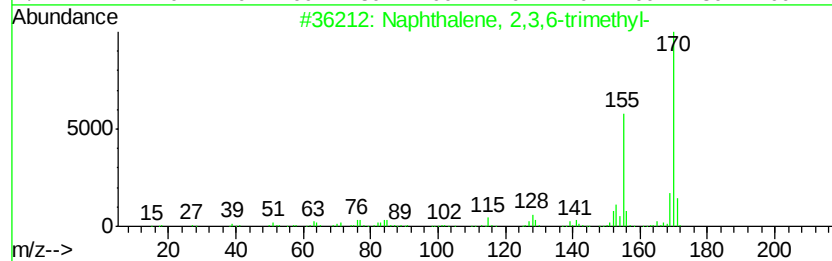
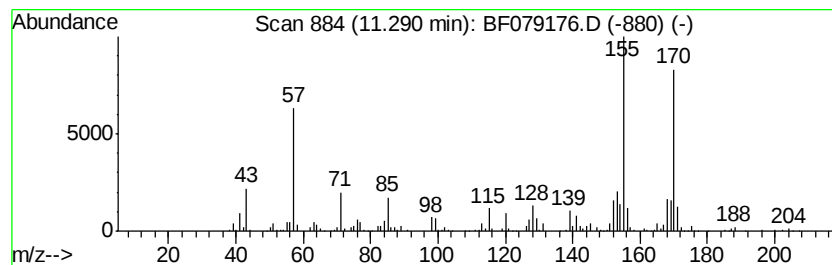
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	21.29 ng	937539	Acenaphthene-d10	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
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Acq On : 13 May 2015 00:04
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Misc :
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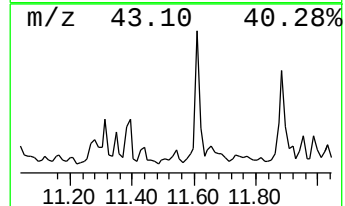
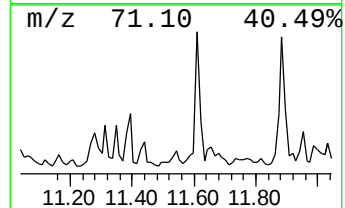
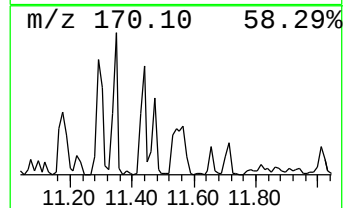
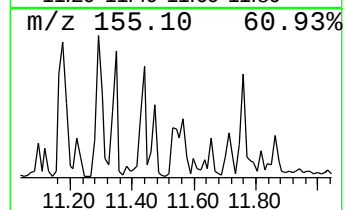
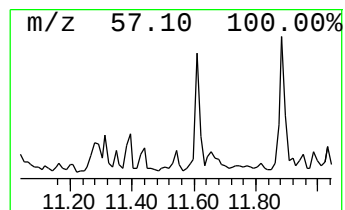
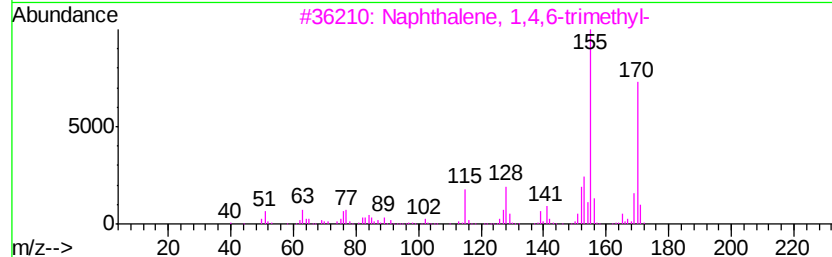
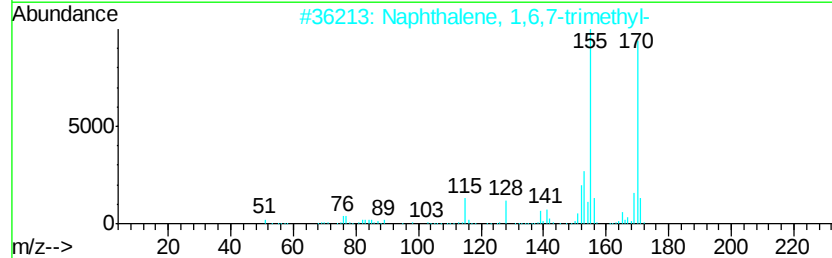
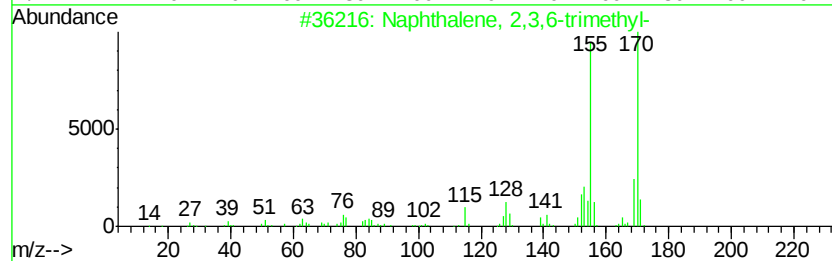
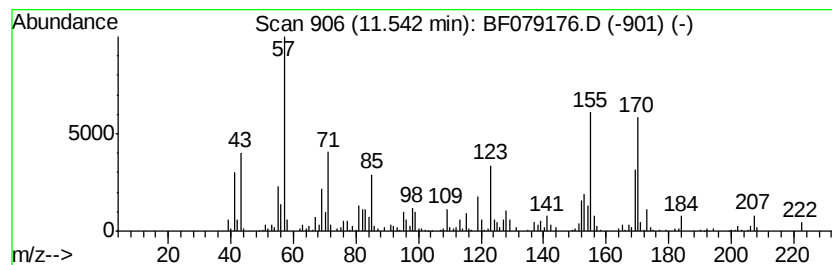
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	15.12 ng	665960	Acenaphthene-d10	11.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	62
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
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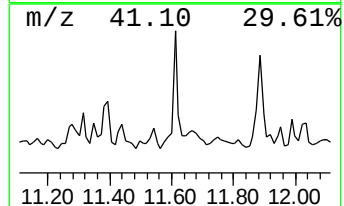
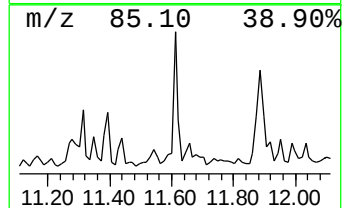
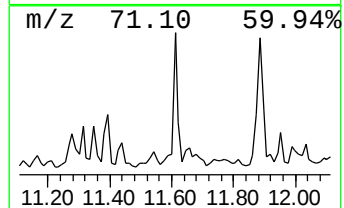
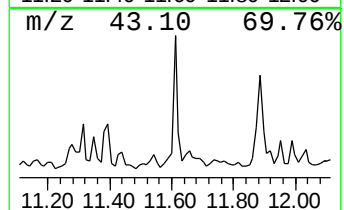
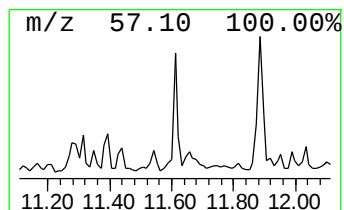
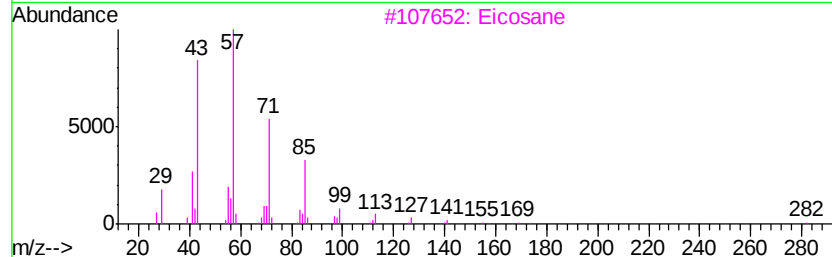
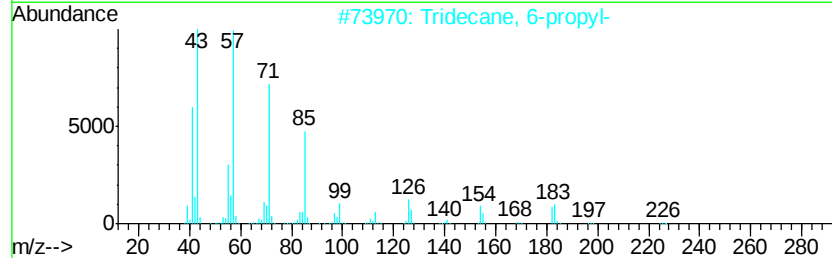
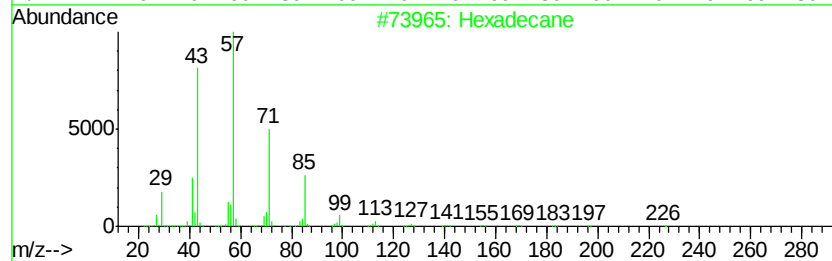
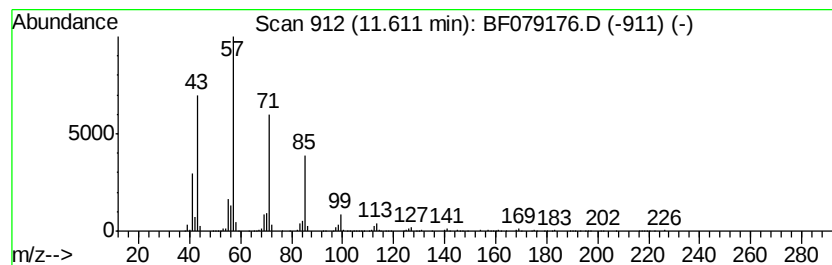
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WASTE-SAMPLE

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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 Tridecane, 6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.61	16.02 ng	705615	Acenaphthene-d10	11.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
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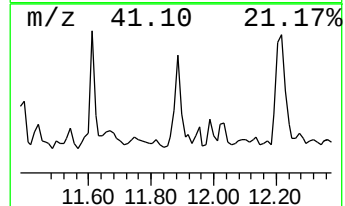
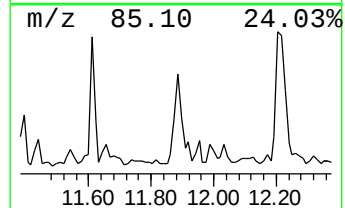
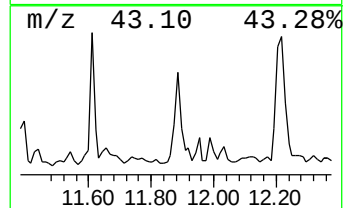
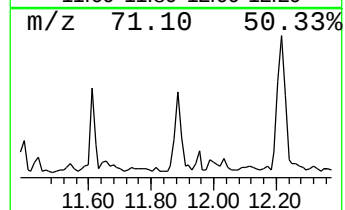
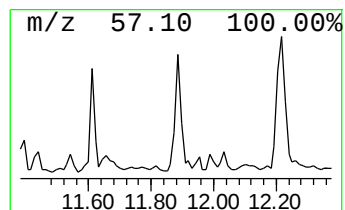
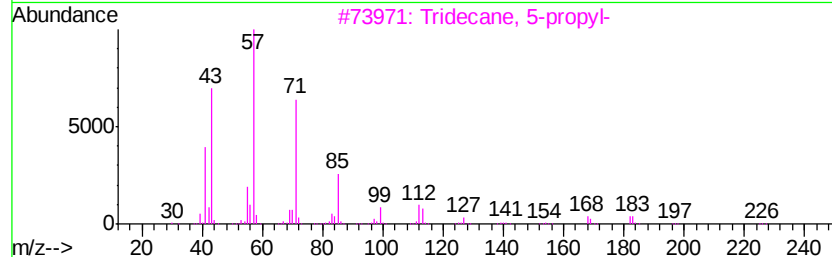
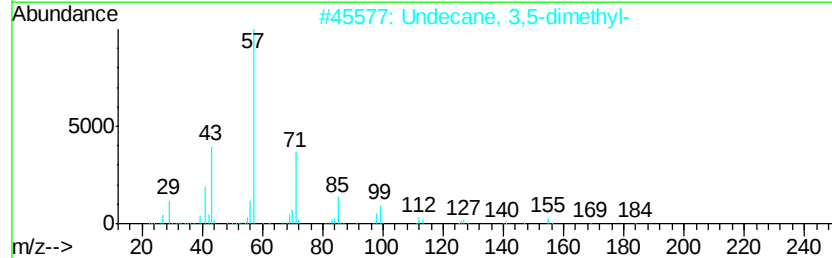
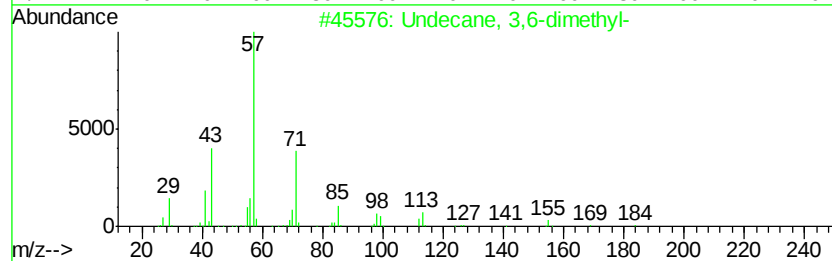
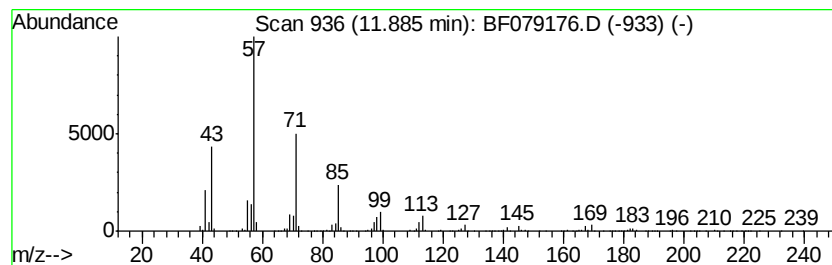
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.88	29.40 ng	1294820	Acenaphthene-d10		11.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	90
2	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	87
3	Tridecane, 5-propyl-		226	C16H34	055045-11-9	78
4	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	64
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
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Sample : G2197-01
Misc :
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ClientSampleId :
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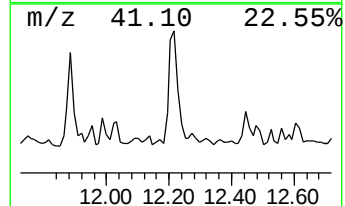
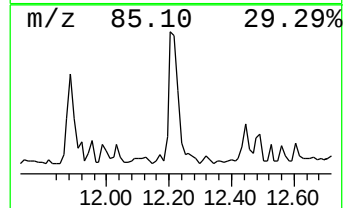
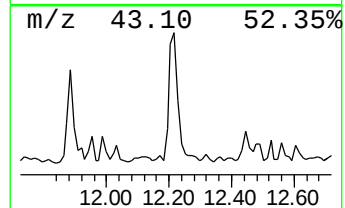
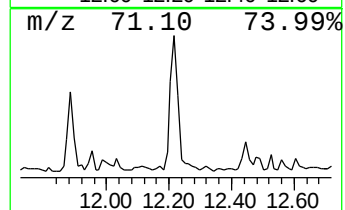
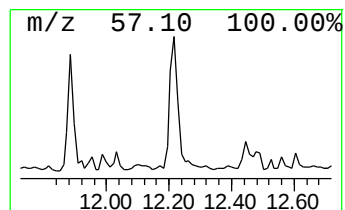
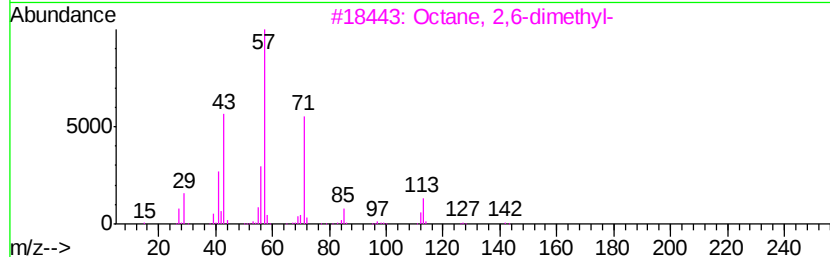
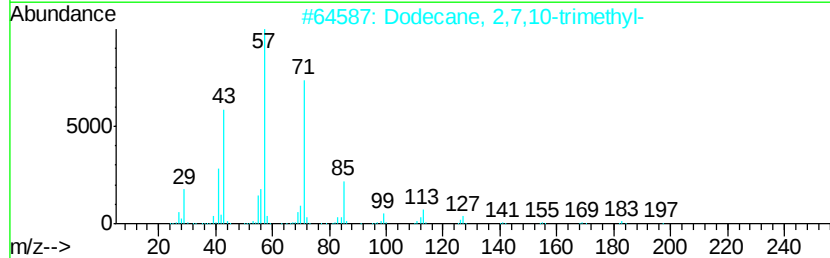
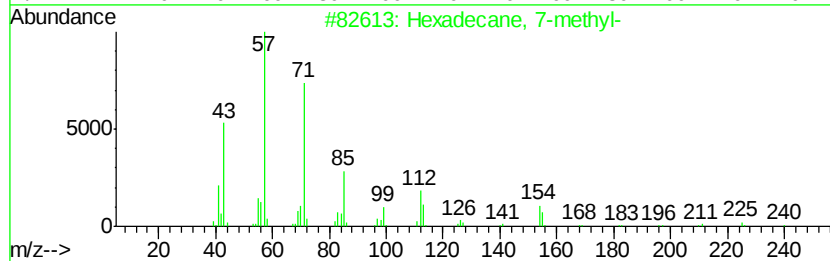
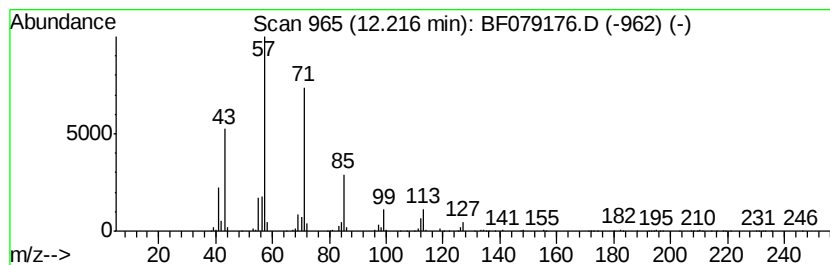
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	62.81 ng	1679890	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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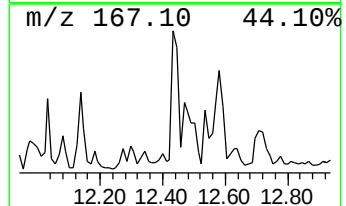
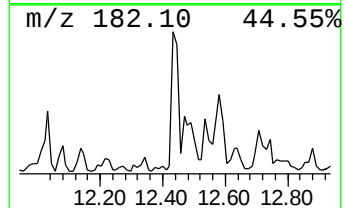
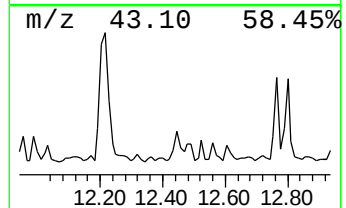
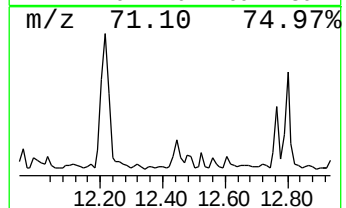
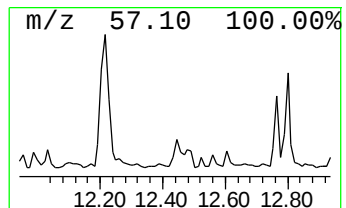
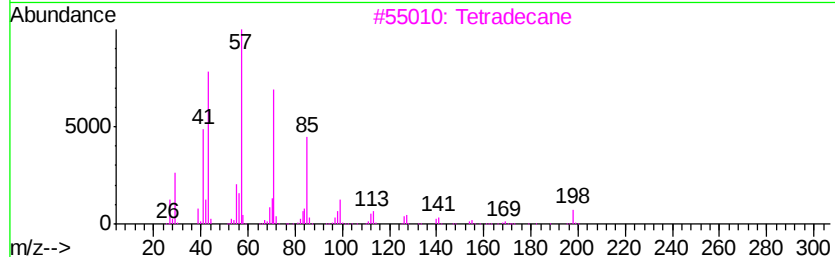
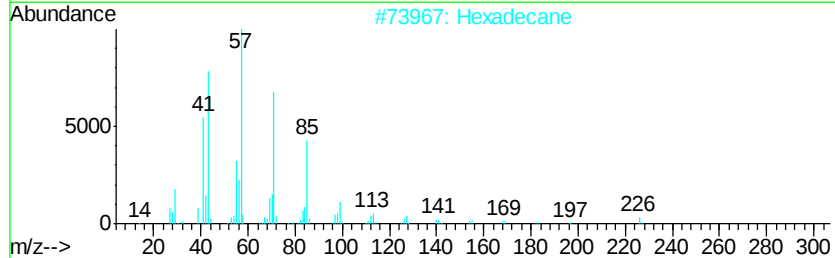
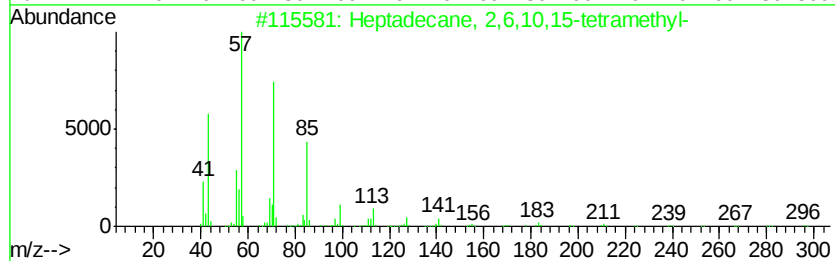
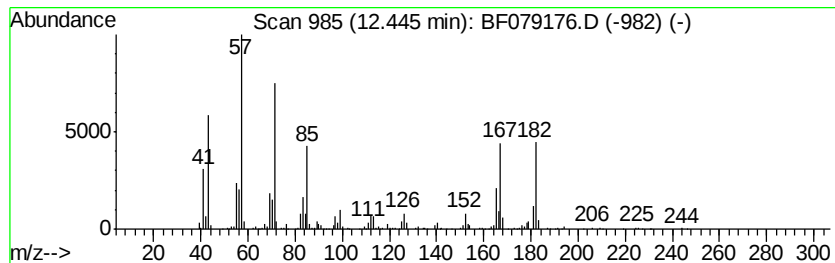
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.44 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	19.09 ng	510465	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
2		Hexadecane	226	C16H34	000544-76-3	46
3		Tetradecane	198	C14H30	000629-59-4	46
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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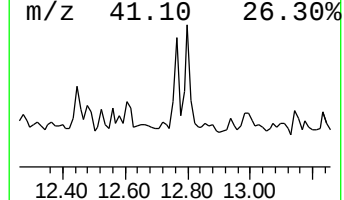
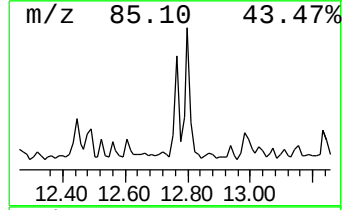
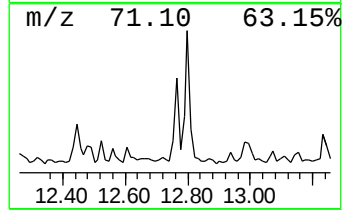
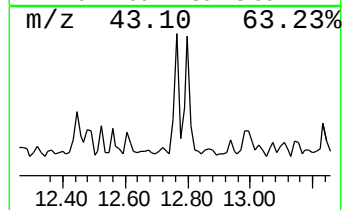
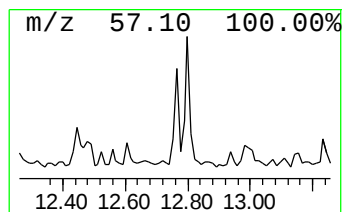
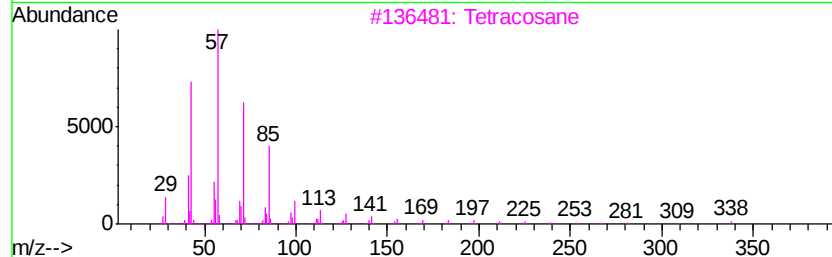
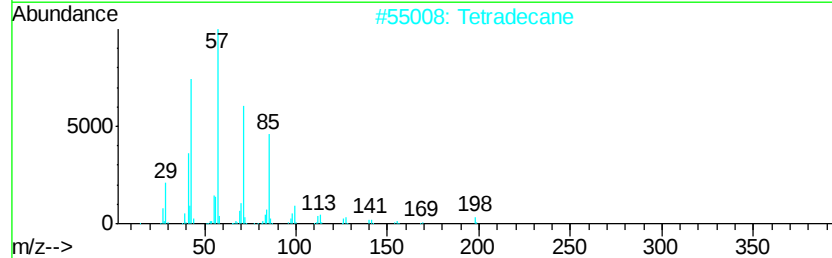
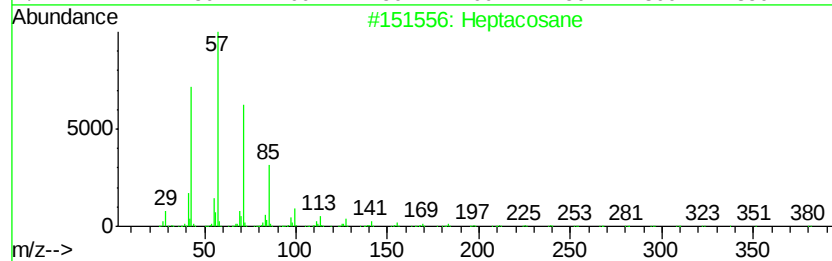
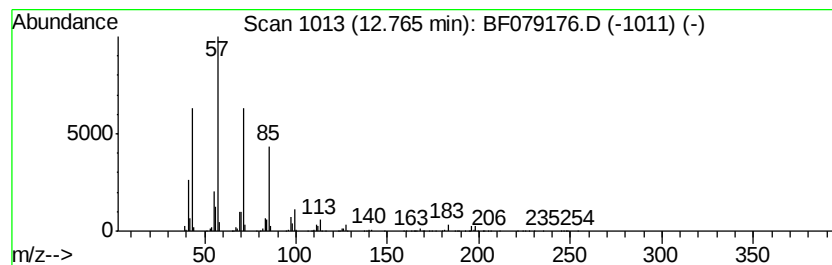
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	19.59 ng	523966	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
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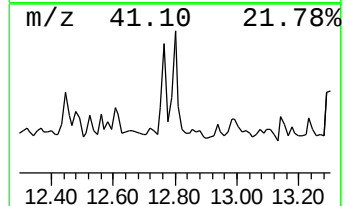
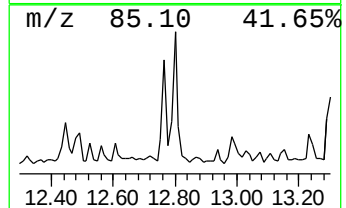
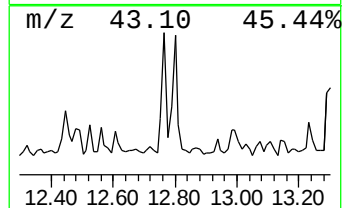
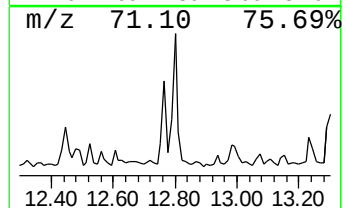
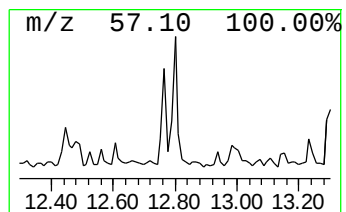
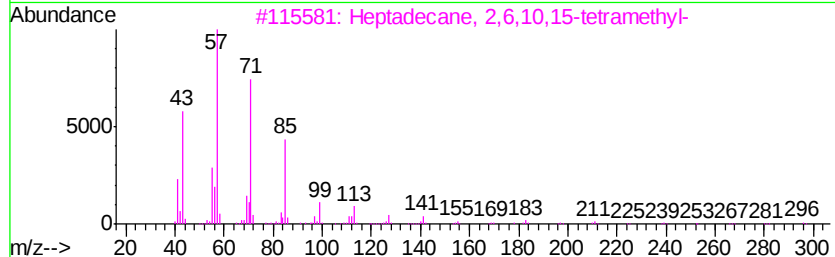
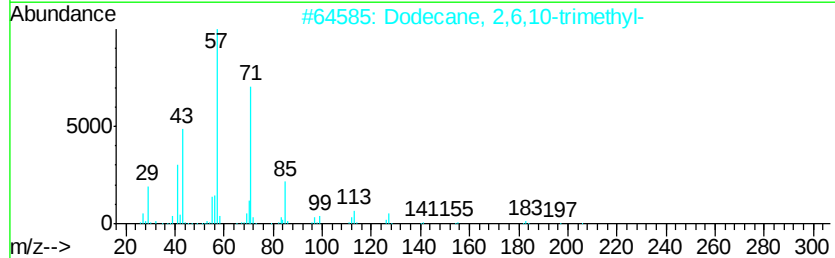
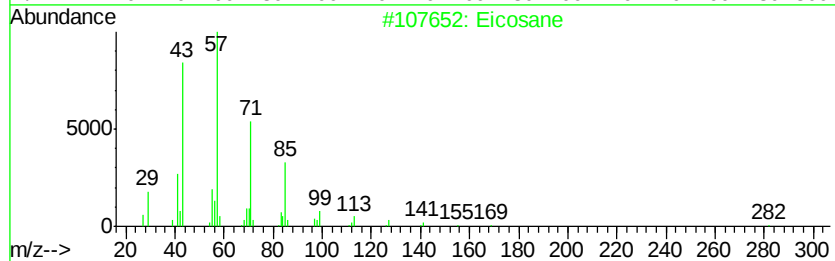
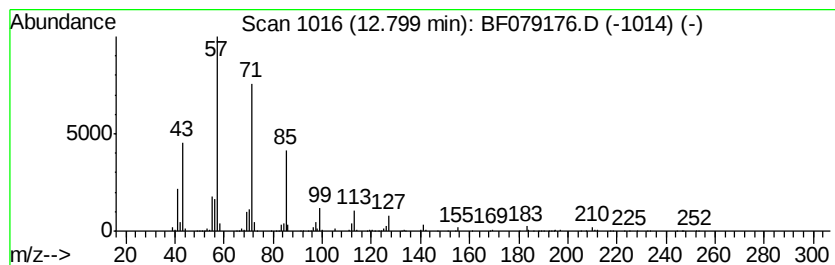
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	33.77 ng	903317	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
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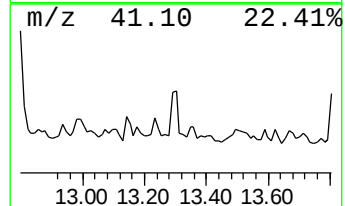
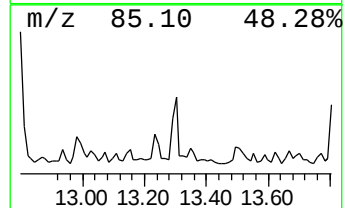
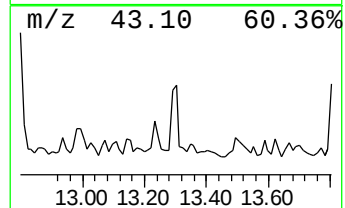
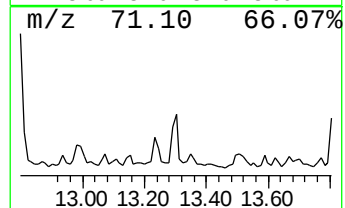
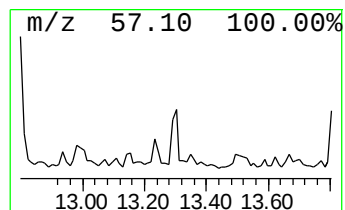
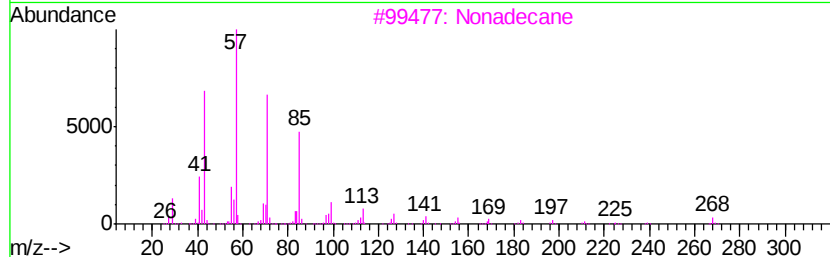
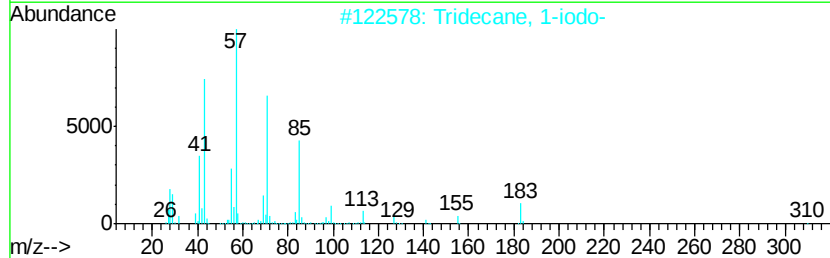
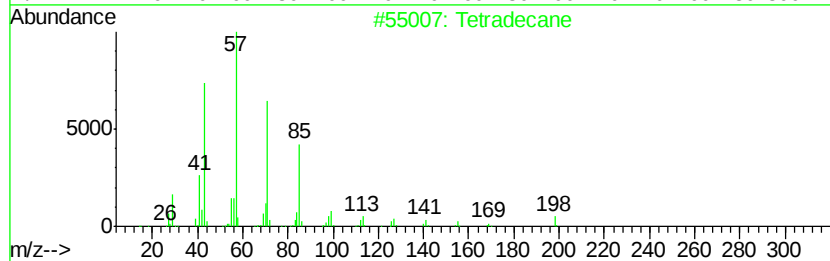
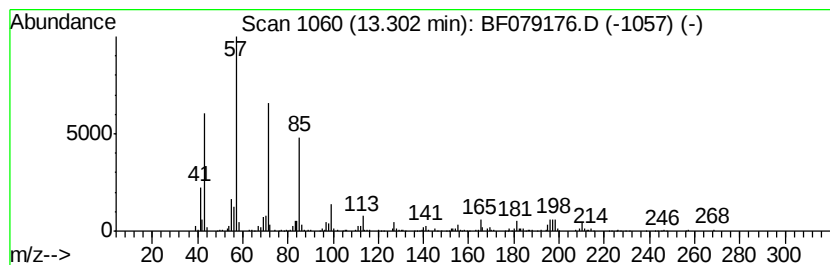
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	20.39 ng	545407	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
3		Nonadecane	268	C19H40	000629-92-5	74
4		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	70
5		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
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ClientSampleId :
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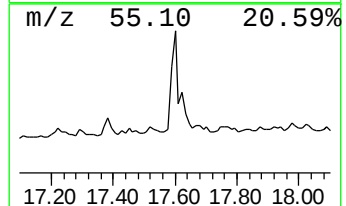
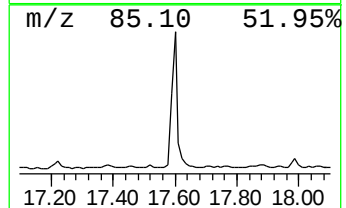
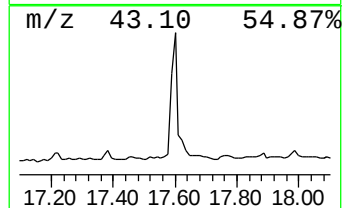
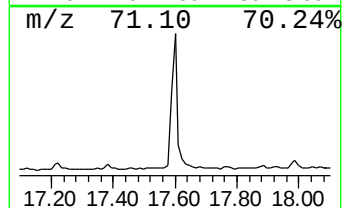
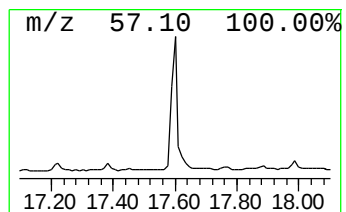
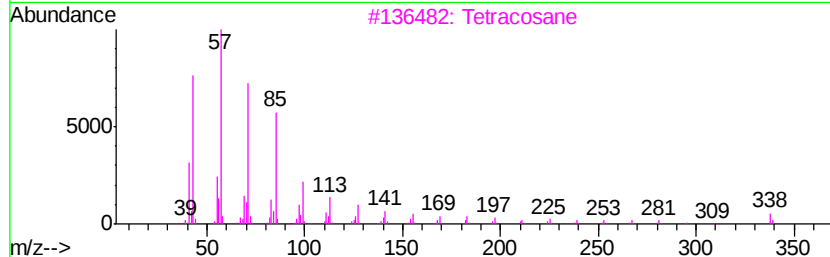
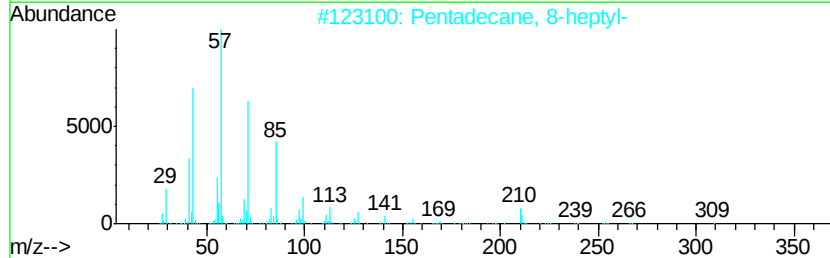
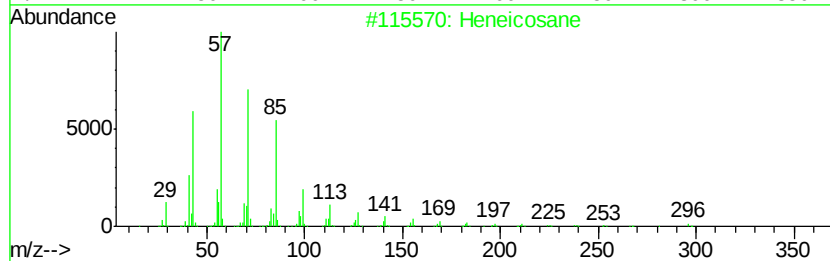
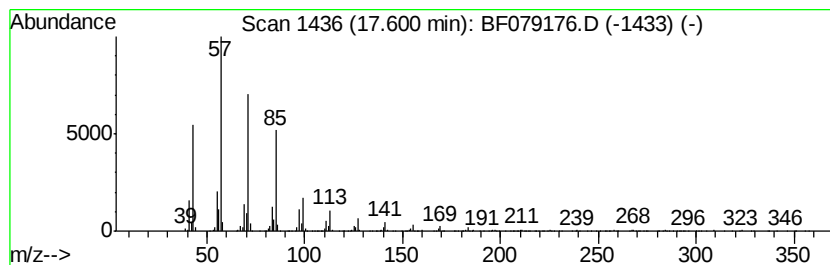
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 8-heptyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	25.23 ng	884959	Perylene-d12	17.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079176.D
Acq On : 13 May 2015 00:04
Operator : TP/IZ
Sample : G2197-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-SAMPLE

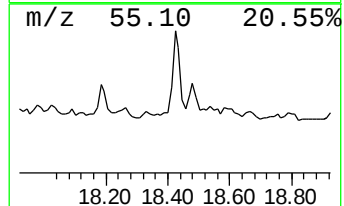
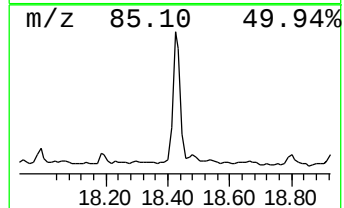
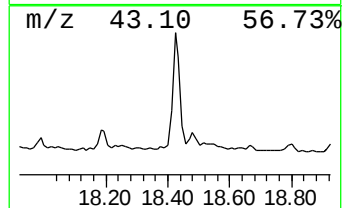
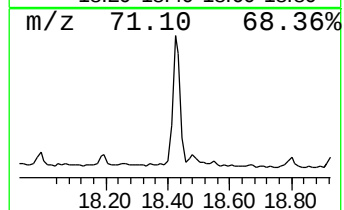
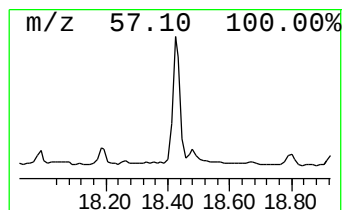
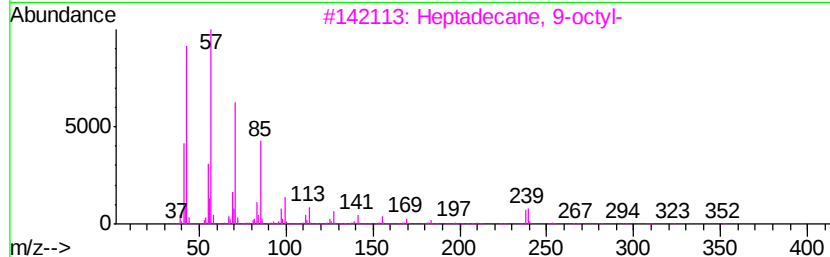
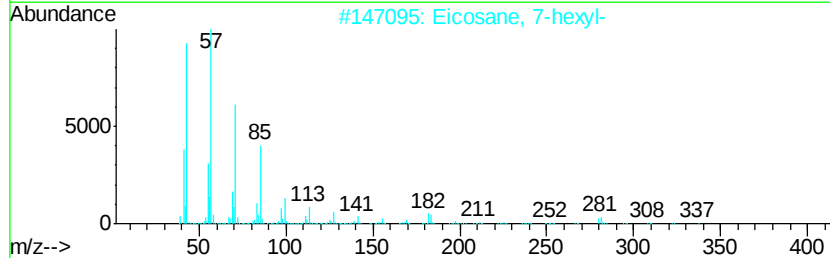
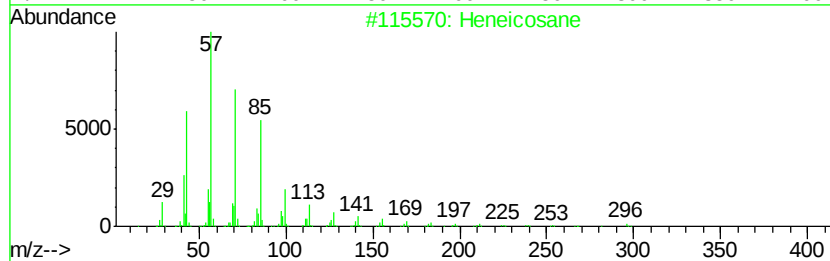
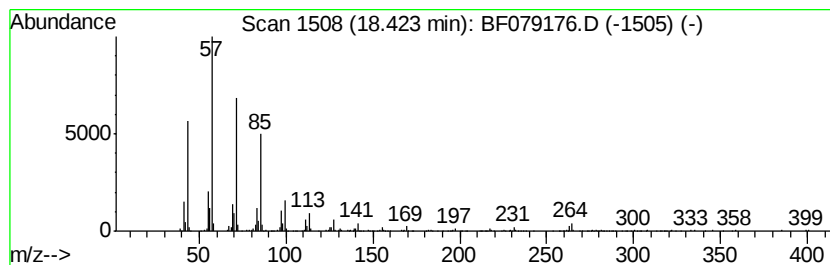
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	15.42 ng	540940	Perylene-d12	17.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079176.D
 Acq On : 13 May 2015 00:04
 Operator : TP/IZ
 Sample : G2197-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-SAMPLE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.44	31.2	ng	620759	1	7.28	397723	20.0
unknown6.99	6.99	75.8	ng	1507980	1	7.28	397723	20.0
unknown7.77	7.77	17.1	ng	340293	1	7.28	397723	20.0
Eicosane	8.03	18.9	ng	374859	1	7.28	397723	20.0
Nonane, 2,6-dimet...	9.42	16.9	ng	1072450	2	8.86	1268280	20.0
Tetradecane	9.62	14.7	ng	934998	2	8.86	1268280	20.0
Hexadecane	10.33	27.5	ng	1209300	3	11.03	880917	20.0
Naphthalene, 2,3,...	11.29	21.3	ng	937539	3	11.03	880917	20.0
Naphthalene, 1,6,...	11.54	15.1	ng	665960	3	11.03	880917	20.0
Tridecane, 6-propyl-	11.61	16.0	ng	705615	3	11.03	880917	20.0
Undecane, 3,6-dim...	11.88	29.4	ng	1294820	3	11.03	880917	20.0
Hexadecane, 7-met...	12.22	62.8	ng	1679890	4	12.88	534934	20.0
unknown12.44	12.44	19.1	ng	510465	4	12.88	534934	20.0
Heptacosane	12.76	19.6	ng	523966	4	12.88	534934	20.0
Dodecane, 2,6,10-...	12.80	33.8	ng	903317	4	12.88	534934	20.0
Tridecane, 1-iodo-	13.30	20.4	ng	545407	4	12.88	534934	20.0
Pentadecane, 8-he...	17.60	25.2	ng	884959	6	17.87	701402	20.0
Eicosane, 7-hexyl-	18.42	15.4	ng	540940	6	17.87	701402	20.0