

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079173.D
 Acq On : 12 May 2015 22:37
 Operator : TP/IZ
 Sample : G2196-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

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	1.427	19	21	24	rVB	477186	591133	31.46%	1.012%
2	1.564	30	33	37	rVB	156386	271562	14.45%	0.465%
3	1.747	46	49	56	rVV2	169643	340753	18.13%	0.583%
4	1.850	56	58	81	rVB	725552	1233374	65.63%	2.111%
5	5.587	382	385	387	rBV	855200	1100234	58.55%	1.883%
6	6.845	493	495	498	rBV	1244938	1152035	61.30%	1.972%
7	6.993	506	508	511	rVB	1339193	1228009	65.35%	2.102%
8	7.279	531	533	537	rVB	371852	410380	21.84%	0.702%
9	7.473	548	550	551	rBV	691681	933914	49.70%	1.599%
10	7.599	555	561	566	rBV4	58526	184866	9.84%	0.316%
11	7.976	588	594	595	rBV2	767874	1073789	57.14%	1.838%
12	8.079	600	603	606	rBV4	98668	219779	11.70%	0.376%
13	8.239	613	617	618	rBV3	186732	242108	12.88%	0.414%
14	8.273	618	620	622	rBV	315328	426287	22.68%	0.730%
15	8.411	628	632	633	rBV3	194950	391512	20.83%	0.670%
16	8.456	634	636	638	rVB2	124396	135164	7.19%	0.231%
17	8.536	641	643	646	rBV2	330495	398775	21.22%	0.683%
18	8.593	646	648	650	rVB2	170582	250351	13.32%	0.429%
19	8.651	650	653	656	rBV2	172585	328417	17.48%	0.562%
20	8.708	656	658	662	rBV3	129083	323756	17.23%	0.554%
21	8.822	664	668	669	rBV4	212986	334978	17.83%	0.573%
22	8.856	669	671	673	rVB	990830	1105675	58.84%	1.893%
23	8.891	673	674	676	rBV2	319788	525771	27.98%	0.900%
24	8.925	676	677	679	rVB	329239	272323	14.49%	0.466%
25	8.959	679	680	685	rBV2	157972	378921	20.16%	0.649%
26	9.096	688	692	693	rBV3	98496	245887	13.08%	0.421%
27	9.211	697	702	707	rBV5	260122	977496	52.02%	1.673%
28	9.348	712	714	718	rVB	337064	431428	22.96%	0.738%
29	9.416	718	720	721	rBV	812940	919644	48.94%	1.574%
30	9.485	724	726	727	rBV2	133620	139110	7.40%	0.238%
31	9.542	729	731	734	rVB4	113226	221261	11.77%	0.379%
32	9.645	738	740	741	rBV2	124208	241202	12.84%	0.413%
33	9.748	745	749	751	rVB	1508978	1726082	91.85%	2.955%
34	9.862	757	759	763	rVB	926655	1045584	55.64%	1.790%

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35	9.919	763	764	766	rVB2	167021	145974	7.77%	0.250%
36	10.011	766	772	773	rBV5	268927	700192	37.26%	1.199%
37	10.045	773	775	777	rVB2	179294	182993	9.74%	0.313%
38	10.091	777	779	781	rVB2	206236	255052	13.57%	0.437%
39	10.159	783	785	787	rVV	792756	717203	38.17%	1.228%
40	10.205	787	789	791	rVB	1527297	1267222	67.43%	2.169%
41	10.342	800	801	802	rBV	206807	153176	8.15%	0.262%
42	10.388	802	805	806	rVV	200186	334474	17.80%	0.573%
43	10.445	806	810	815	rVB	471087	1047492	55.74%	1.793%
44	10.525	815	817	819	rBV	1030875	1786347	95.06%	3.058%
45	10.616	822	825	827	rVV	1518331	1879208	100.00%	3.217%
46	10.651	827	828	832	rVV2	1054607	1162402	61.86%	1.990%
47	10.731	832	835	836	rVV3	875685	1138437	60.58%	1.949%
48	10.765	836	838	841	rVB	579061	905017	48.16%	1.549%
49	10.857	845	846	848	rBV	375143	489541	26.05%	0.838%
50	10.925	850	852	853	rVB2	249378	228097	12.14%	0.390%
51	11.039	860	862	863	rVV	550222	772633	41.11%	1.323%
52	11.074	863	865	868	rVV2	262588	505442	26.90%	0.865%
53	11.177	871	874	877	rBV	613181	1006242	53.55%	1.722%
54	11.222	877	878	880	rVB2	163559	187171	9.96%	0.320%
55	11.291	880	884	887	rBV2	692563	1270412	67.60%	2.175%
56	11.348	887	889	891	rVB	772612	808400	43.02%	1.384%
57	11.394	891	893	895	rBV3	339165	477268	25.40%	0.817%
58	11.439	895	897	898	rBV	579173	678680	36.12%	1.162%
59	11.474	898	900	901	rVB	642681	592529	31.53%	1.014%
60	11.542	903	906	912	rBV4	481938	1127089	59.98%	1.929%
61	11.657	915	916	919	rVB3	227980	281507	14.98%	0.482%
62	11.714	919	921	923	rBV	284823	322831	17.18%	0.553%
63	11.759	923	925	926	rBV2	332073	490732	26.11%	0.840%
64	11.794	926	928	933	rVB3	455556	804194	42.79%	1.377%
65	11.885	933	936	940	rBV2	807911	1374520	73.14%	2.353%
66	12.011	942	947	950	rVB4	888341	1634664	86.99%	2.798%
67	12.068	950	952	956	rBV2	306001	507675	27.02%	0.869%
68	12.137	956	958	960	rBV2	171753	309368	16.46%	0.530%
69	12.182	960	962	963	rBV	218934	206386	10.98%	0.353%
70	12.217	963	965	968	rVB	1045377	1201888	63.96%	2.057%
71	12.274	968	970	971	rBV	290876	282911	15.05%	0.484%

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72	12.400	978	981	983	rVB3	267025	284770	15.15%	0.487%
73	12.434	983	984	986	rBV2	428763	536870	28.57%	0.919%
74	12.582	995	997	1001	rVB5	173951	331494	17.64%	0.567%
75	12.708	1006	1008	1011	rBV3	132361	192641	10.25%	0.330%
76	12.800	1014	1016	1019	rVB	676767	793181	42.21%	1.358%
77	12.880	1020	1023	1024	rBV	619859	663537	35.31%	1.136%
78	12.902	1024	1025	1027	rVB	295976	361446	19.23%	0.619%
79	13.028	1033	1036	1040	rBV4	219774	564093	30.02%	0.966%
80	13.177	1047	1049	1053	rBV3	112582	239550	12.75%	0.410%
81	13.234	1053	1054	1056	rVB2	167989	195530	10.40%	0.335%
82	13.291	1056	1059	1062	rBV2	184763	274824	14.62%	0.470%
83	13.405	1066	1069	1070	rBV	90793	148583	7.91%	0.254%
84	13.508	1076	1078	1080	rBV	432782	491459	26.15%	0.841%
85	13.542	1080	1081	1084	rVB	573601	489503	26.05%	0.838%
86	13.645	1087	1090	1091	rBV	217094	395862	21.07%	0.678%
87	14.068	1125	1127	1128	rVV	163785	178393	9.49%	0.305%
88	14.103	1128	1130	1132	rVV	258329	285082	15.17%	0.488%
89	14.194	1136	1138	1140	rVV	403266	498168	26.51%	0.853%
90	14.240	1140	1142	1146	rVB2	194160	403483	21.47%	0.691%
91	14.297	1146	1147	1150	rVB2	120834	158549	8.44%	0.271%
92	14.663	1177	1179	1181	rVB	139541	164095	8.73%	0.281%
93	14.708	1181	1183	1185	rBV	133464	183543	9.77%	0.314%
94	14.754	1185	1187	1190	rVV	168181	207599	11.05%	0.355%
95	14.868	1195	1197	1200	rVV	1217834	1664132	88.55%	2.849%
96	15.211	1225	1227	1228	rBV	148625	141932	7.55%	0.243%
97	15.326	1235	1237	1239	rBV	122712	153258	8.16%	0.262%
98	15.360	1239	1240	1243	rVV2	107881	148583	7.91%	0.254%
99	16.171	1308	1311	1313	rBV	443599	641657	34.15%	1.098%
100	17.874	1458	1460	1463	rVB	482314	591894	31.50%	1.013%

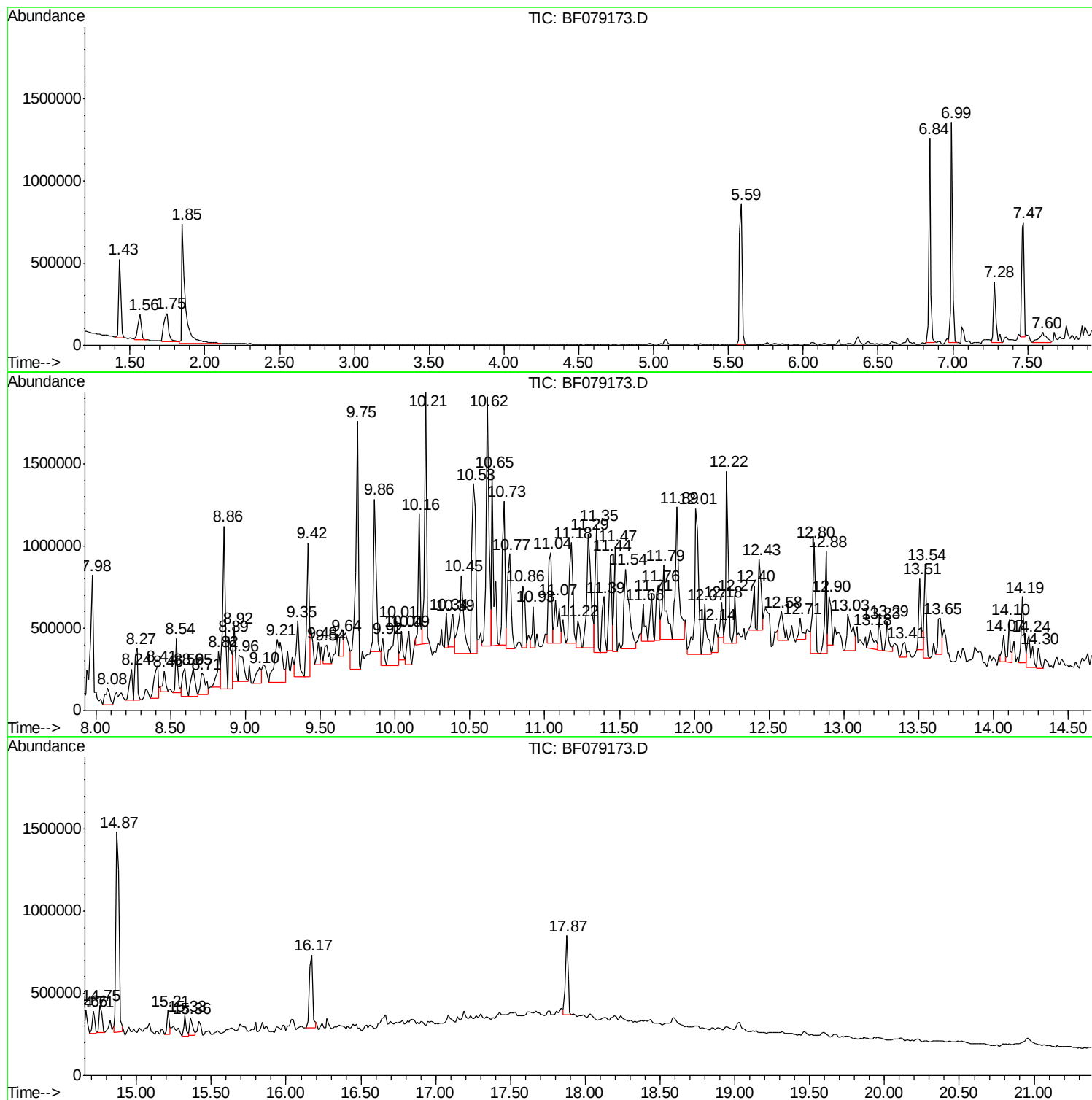
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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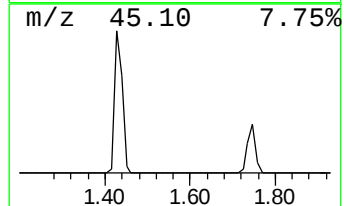
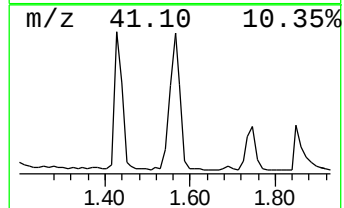
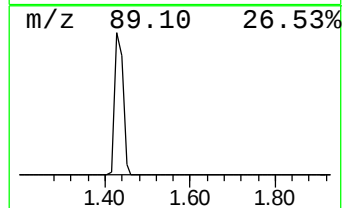
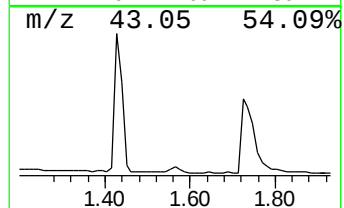
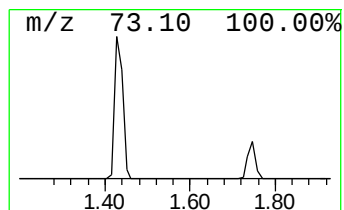
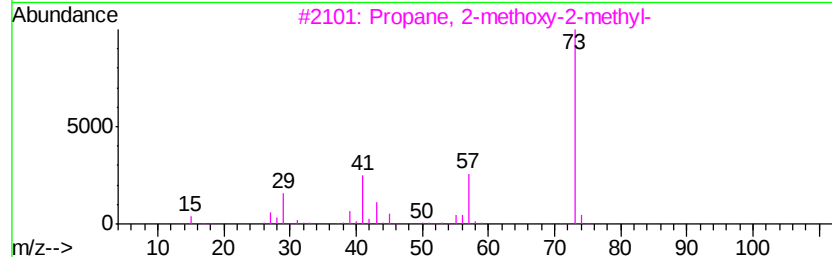
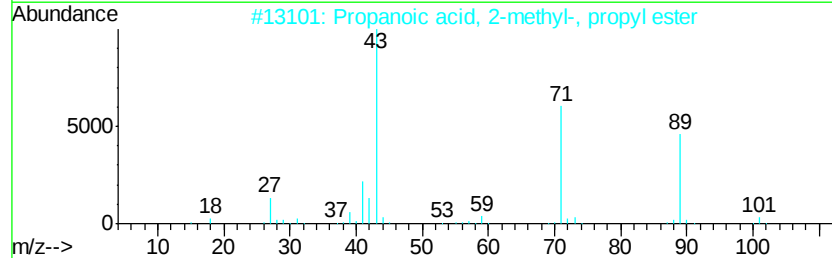
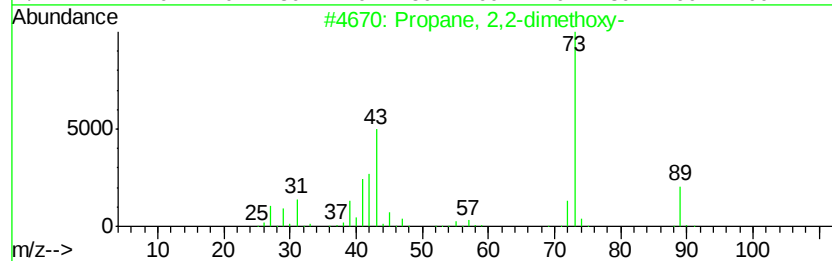
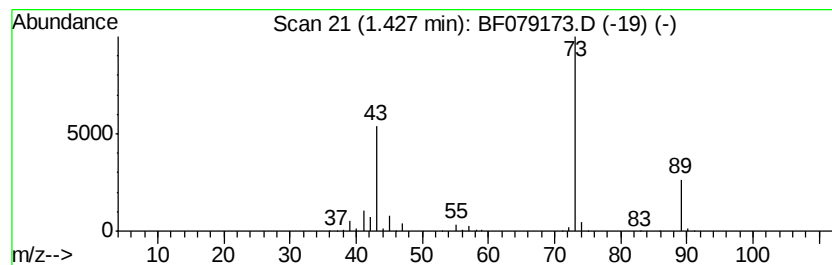
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	28.81 ng	591133	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	72
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimethyl-	162	C8H15ClO	100244-09-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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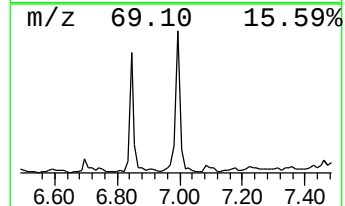
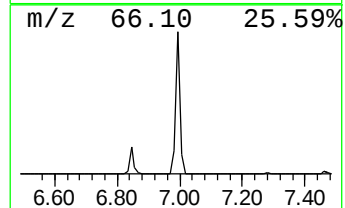
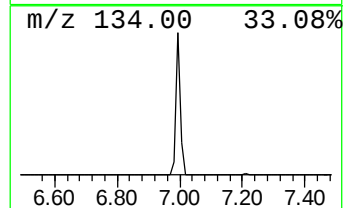
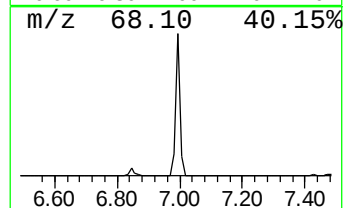
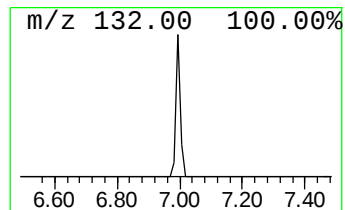
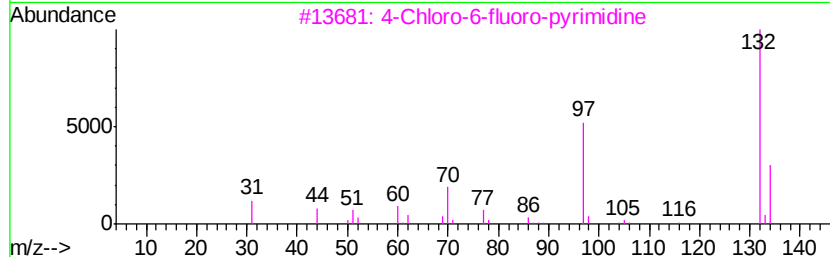
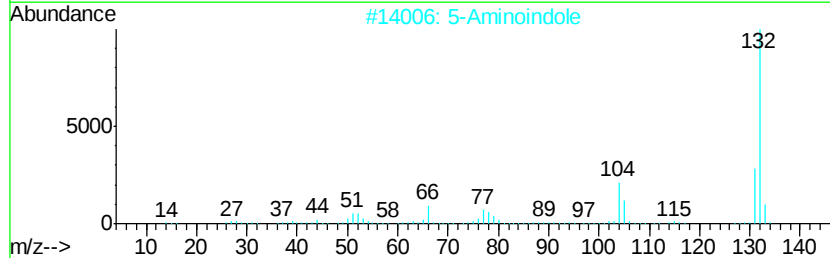
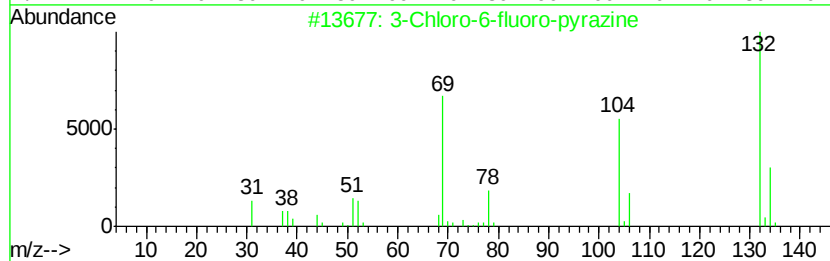
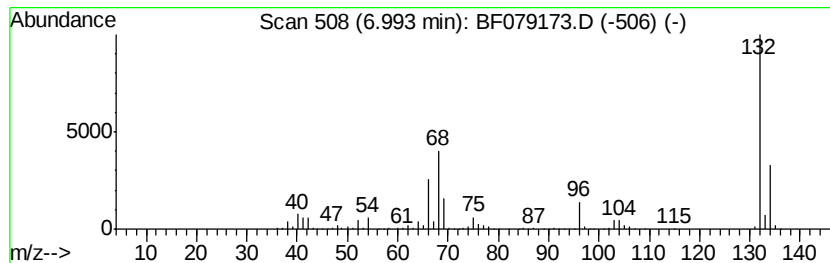
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	59.85 ng	1228010	1,4-Dichlorobenzene-d4	7.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine			132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9



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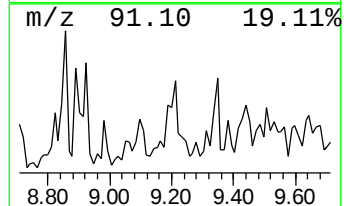
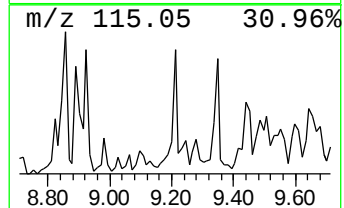
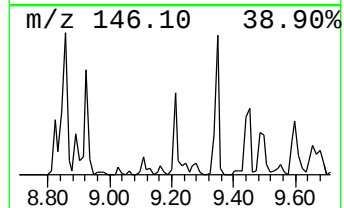
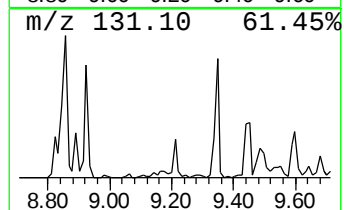
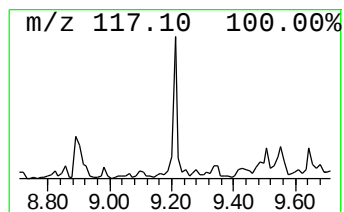
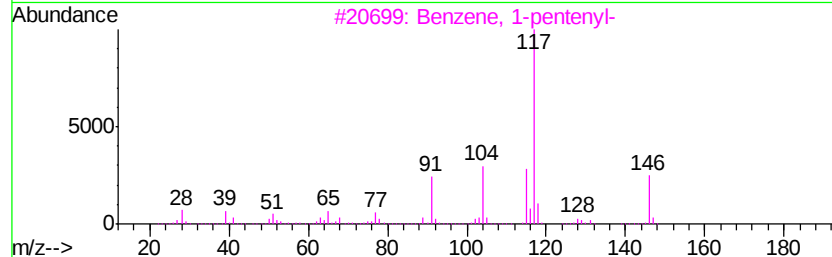
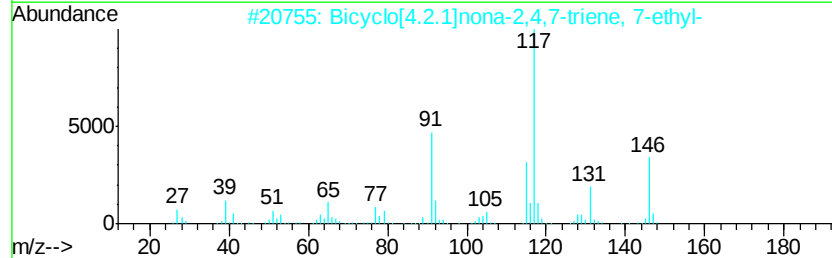
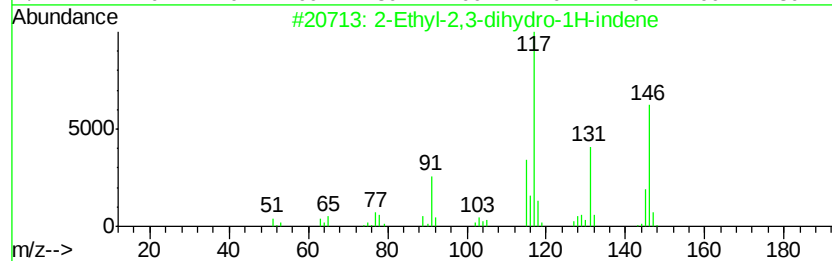
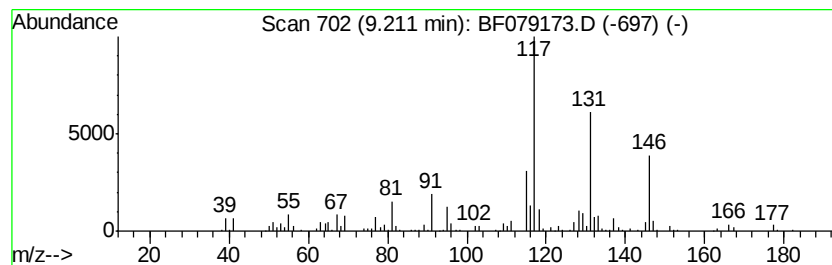
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	17.68 ng	977496	Napthalene-d8	8.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	83
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	68
3		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	52
5		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
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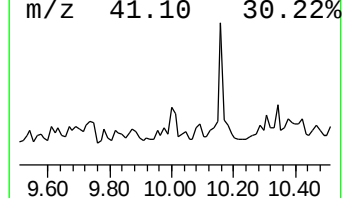
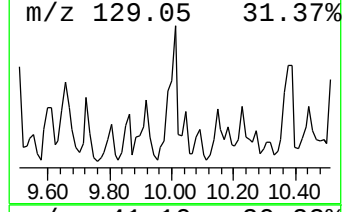
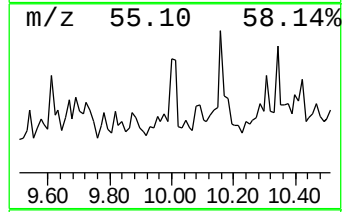
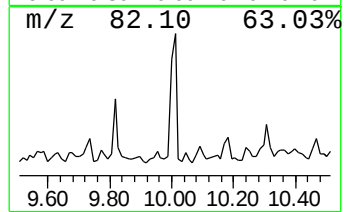
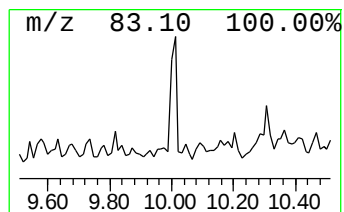
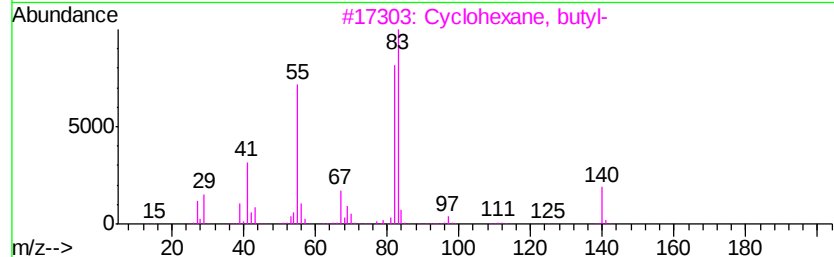
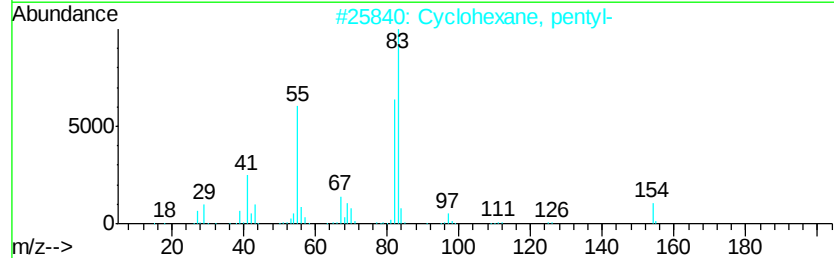
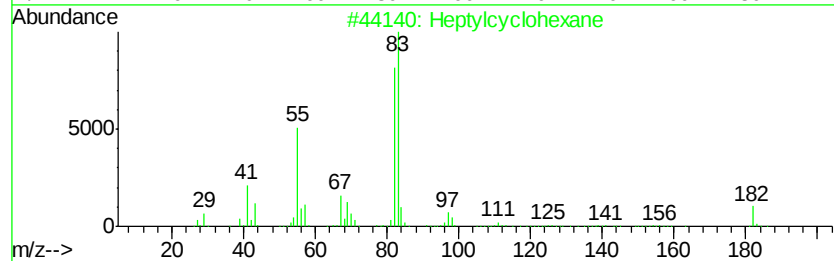
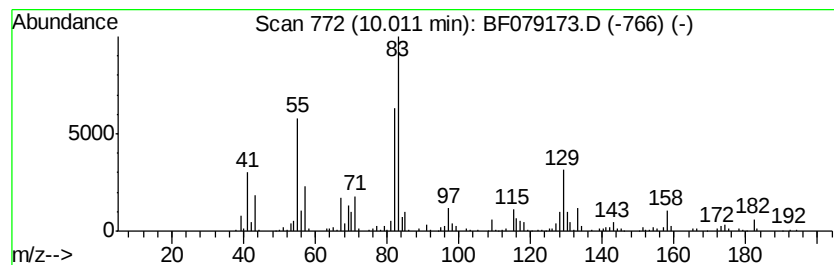
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ClientSampleId :
KBY-SB-9(6-10)

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 7 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	18.12 ng	700192	Acenaphthene-d10	11.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 64
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 53
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 53
4		Cyclohexane, eicosyl-	364 C26H52	004443-55-4 52
5		Cyclohexane, undecyl-	238 C17H34	054105-66-7 52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
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Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

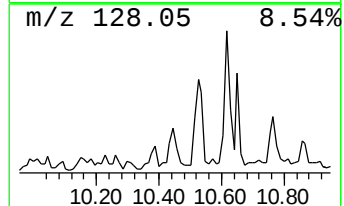
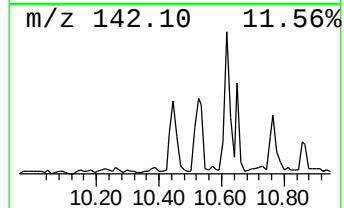
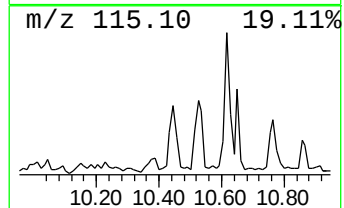
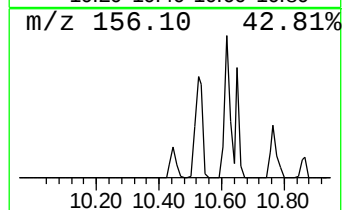
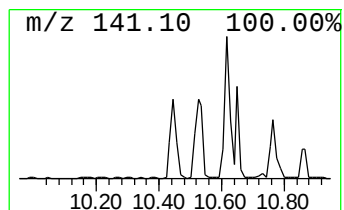
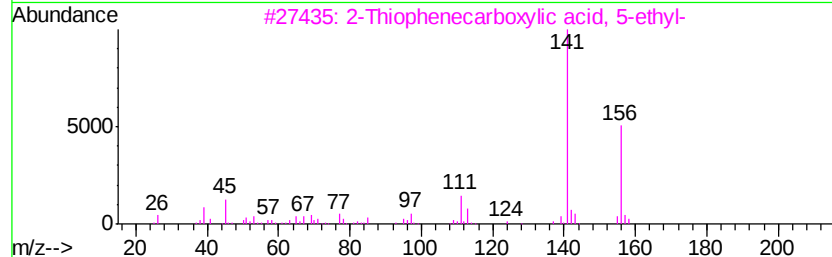
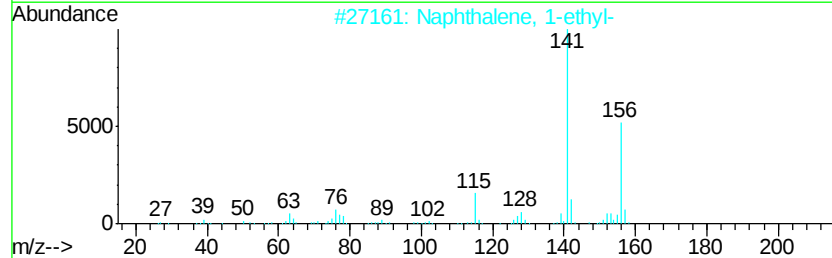
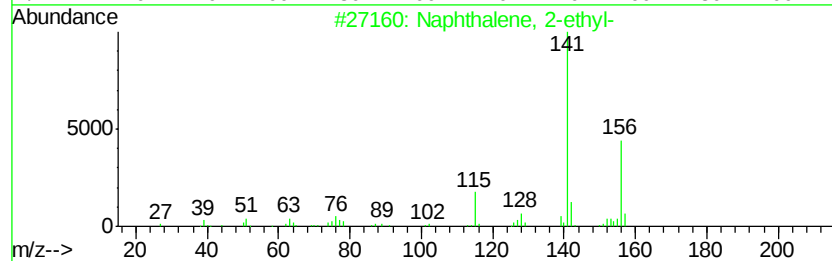
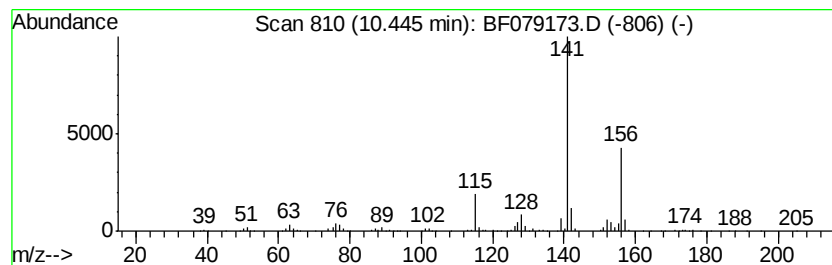
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	27.11 ng	1047490	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	72
4		1-But-3-enyl-naphthalene	182	C14H14	002489-88-5	50
5		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

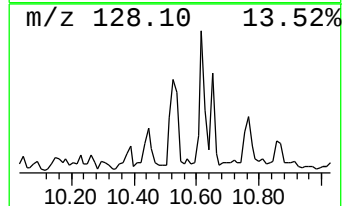
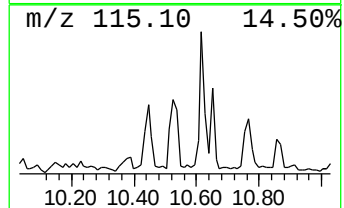
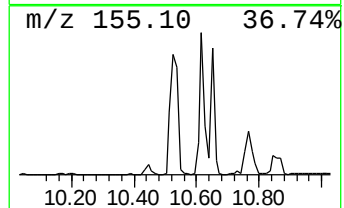
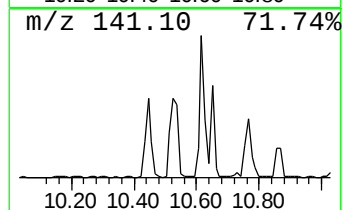
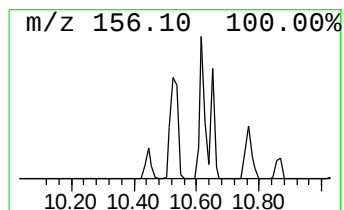
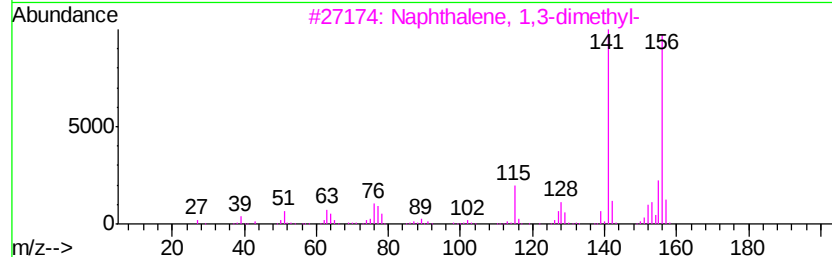
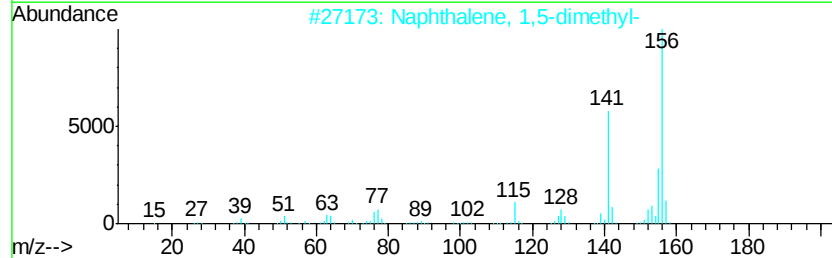
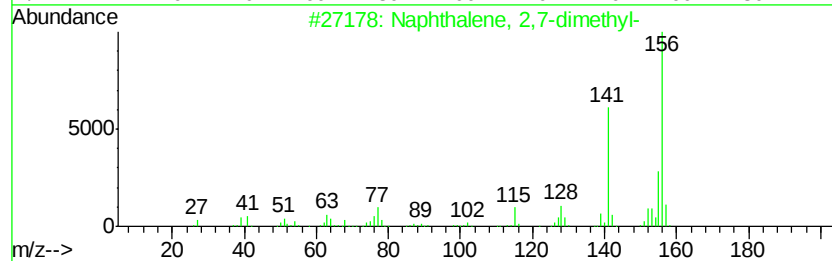
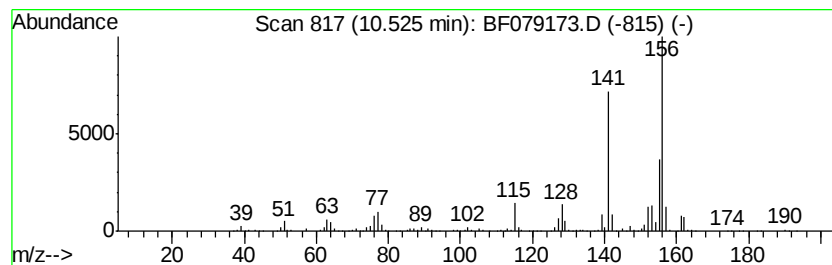
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	46.24 ng	1786350	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

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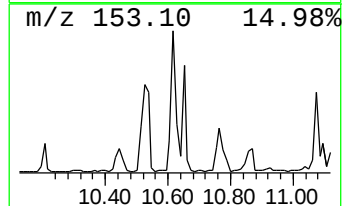
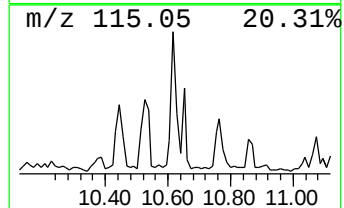
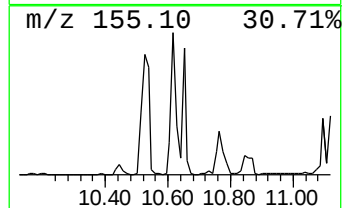
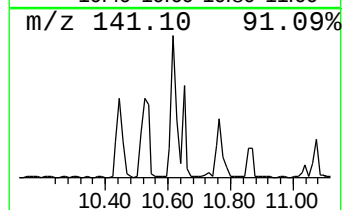
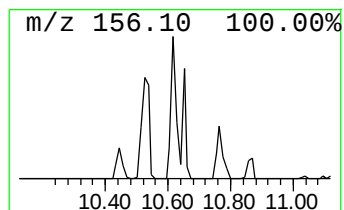
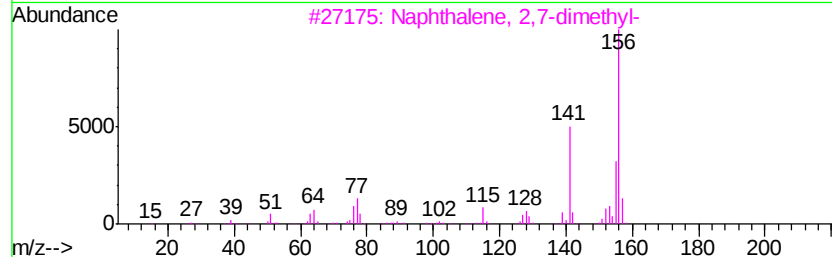
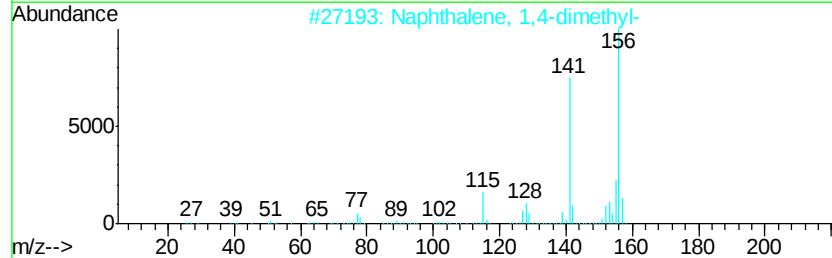
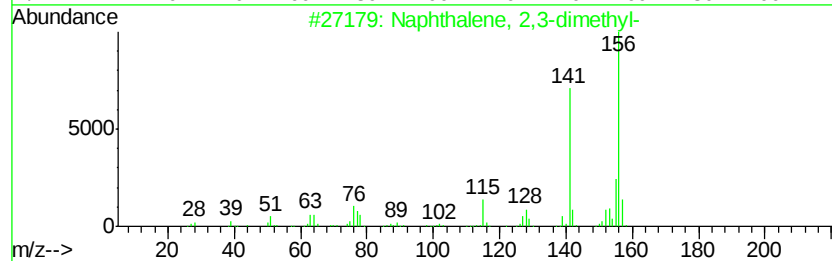
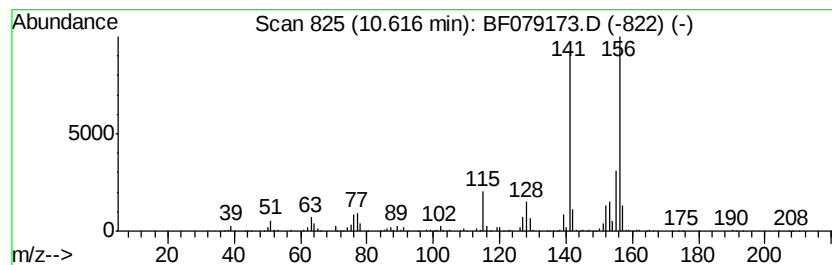
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	48.64 ng	1879210	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

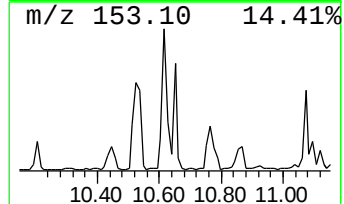
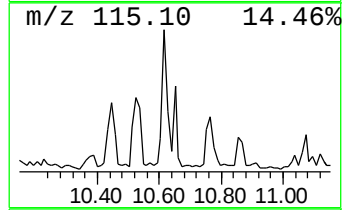
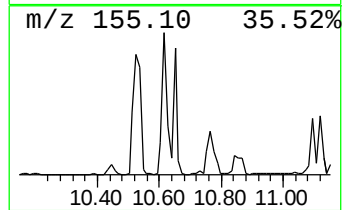
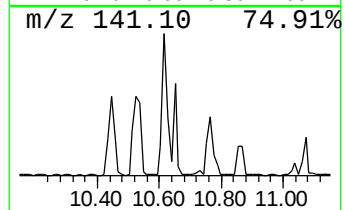
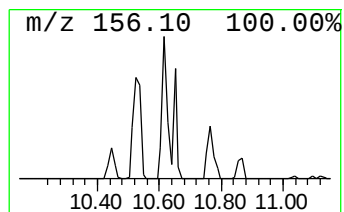
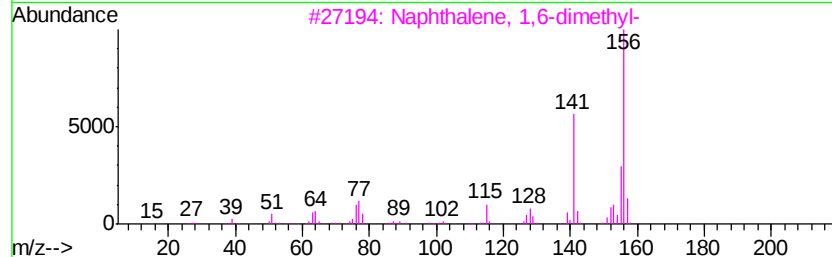
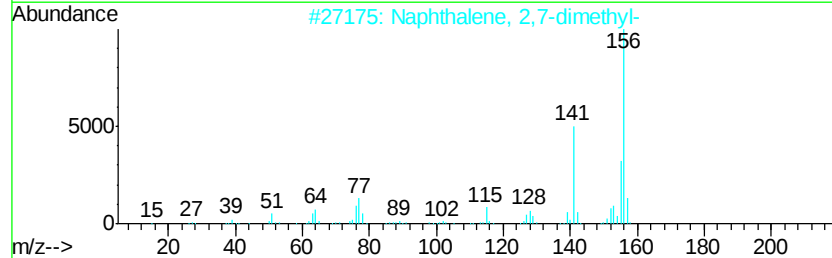
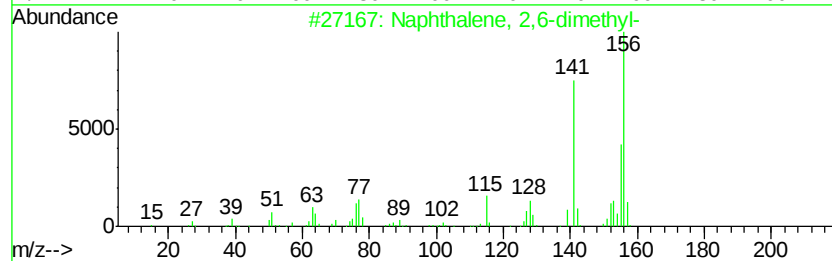
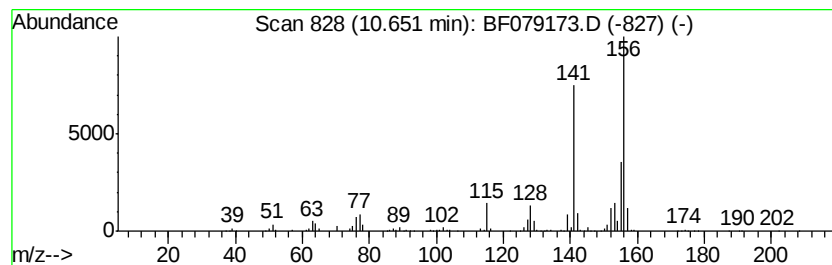
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	30.09 ng	1162400	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

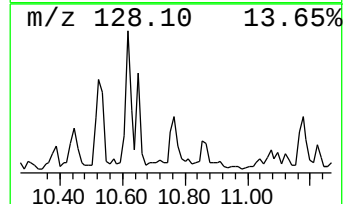
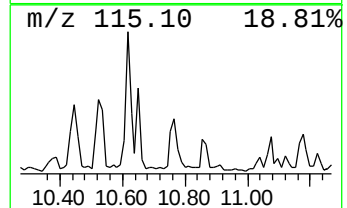
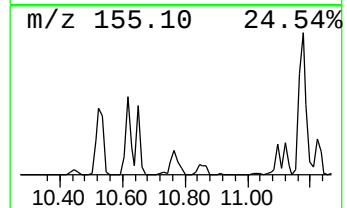
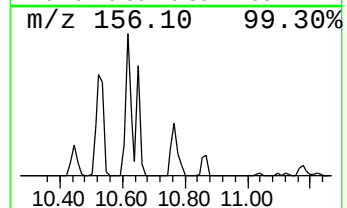
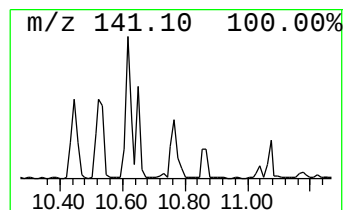
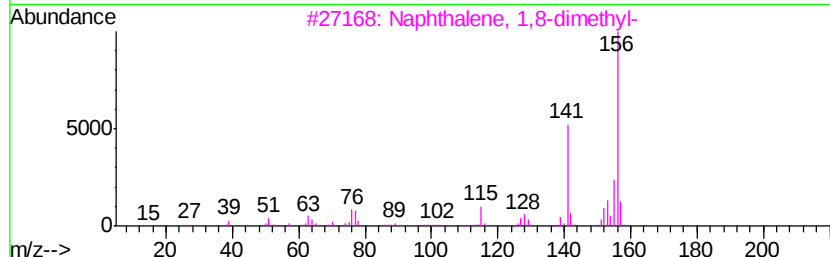
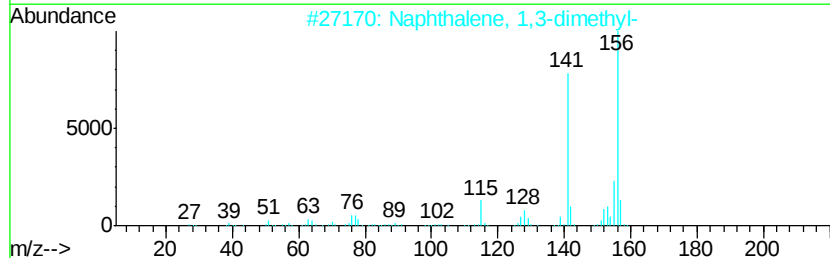
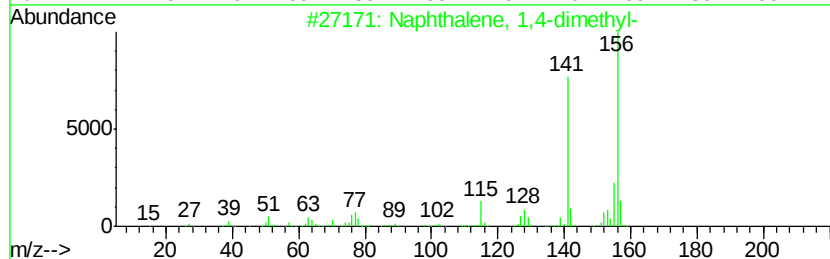
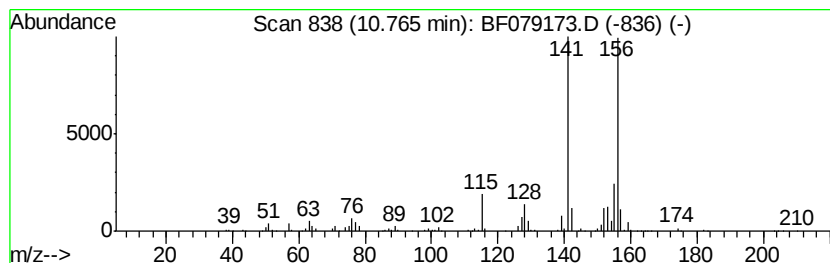
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	23.43 ng	905017	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

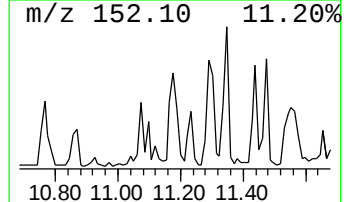
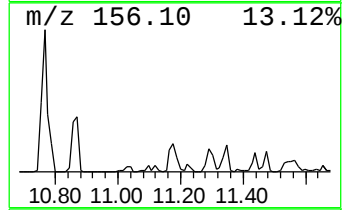
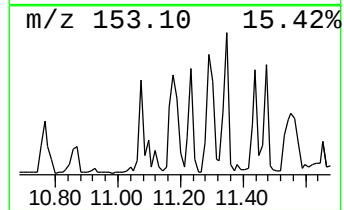
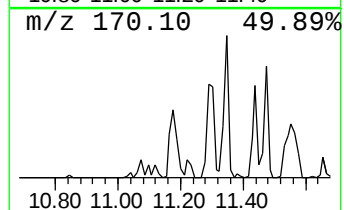
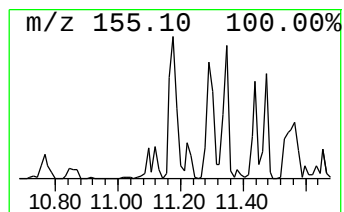
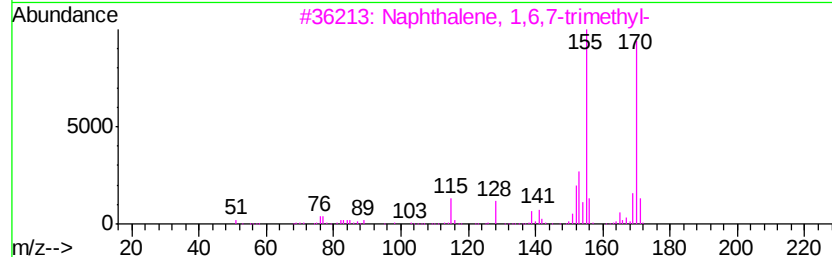
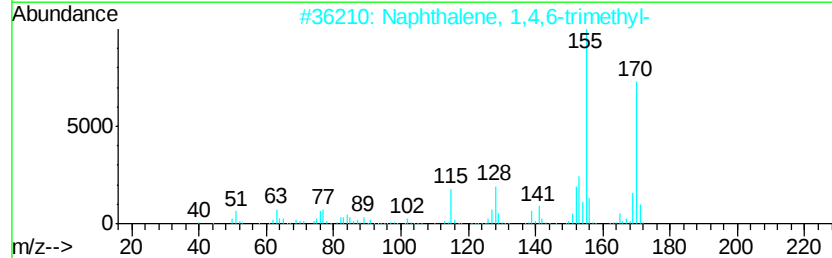
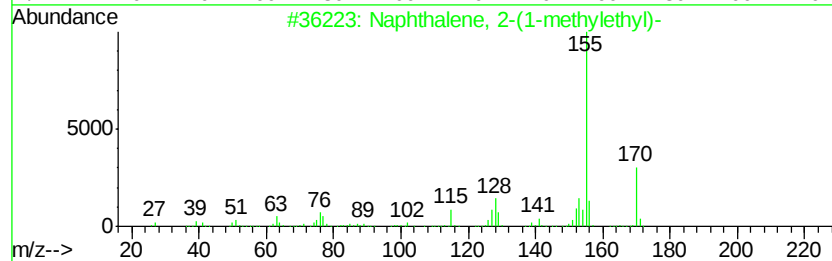
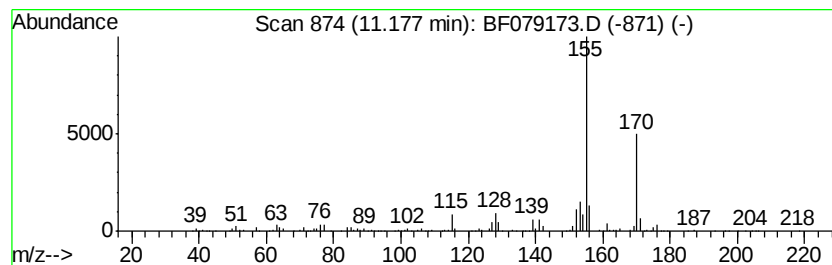
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	26.05 ng	1006240	Acenaphthene-d10	11.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

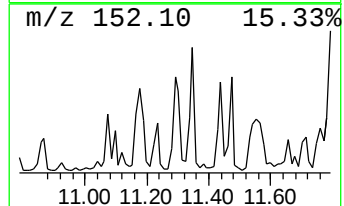
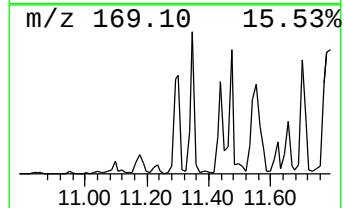
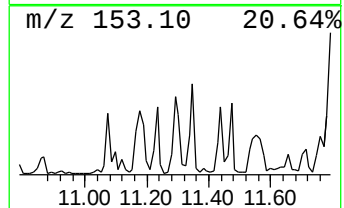
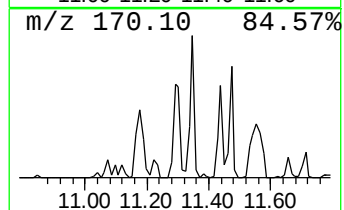
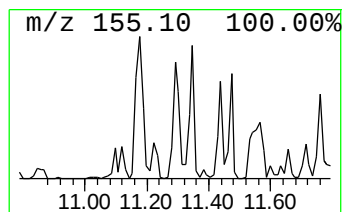
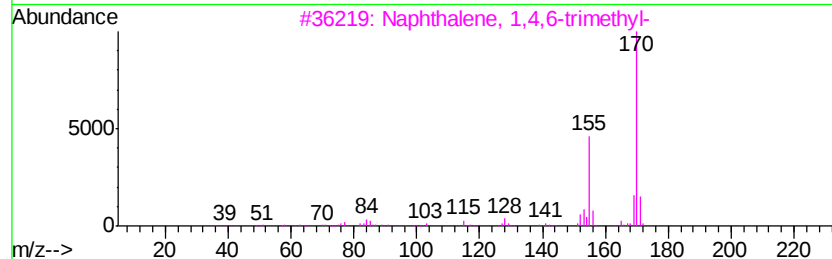
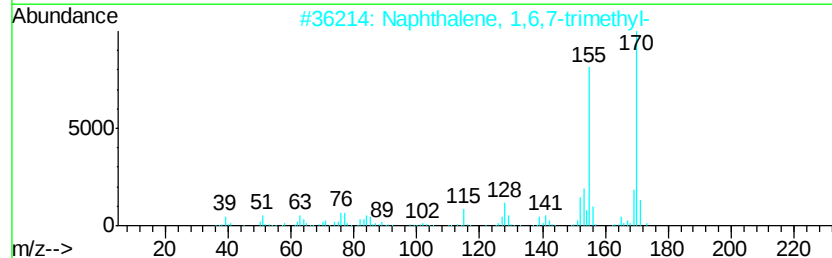
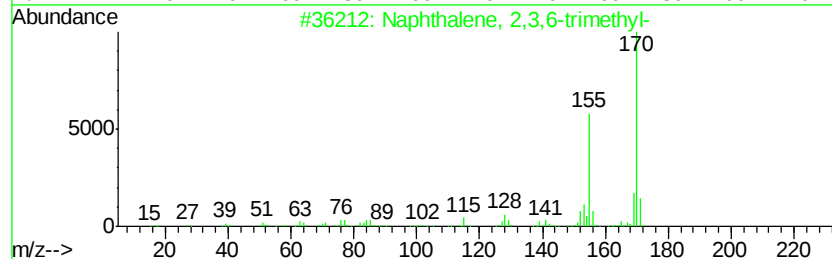
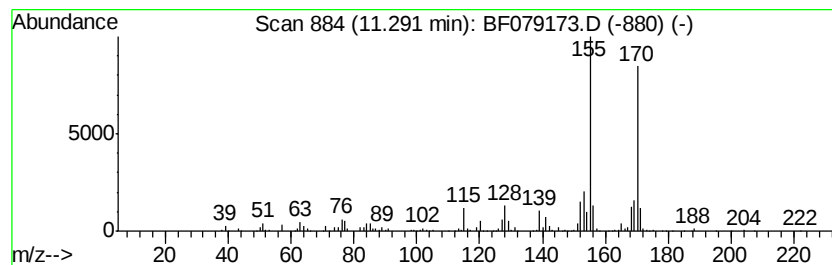
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	32.89 ng	1270410	Acenaphthene-d10	11.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
KBY-SB-9(6-10)

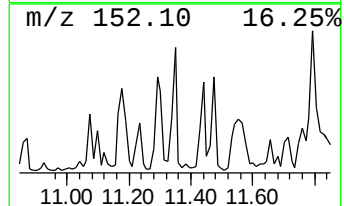
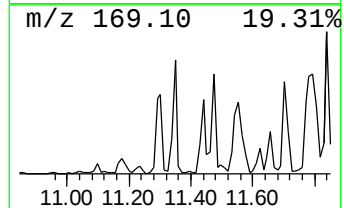
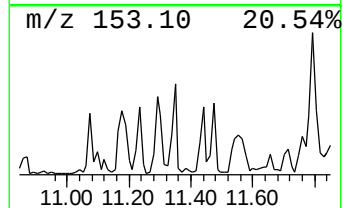
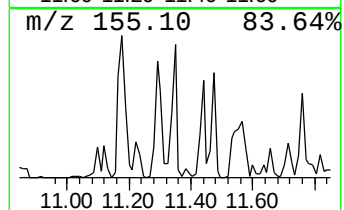
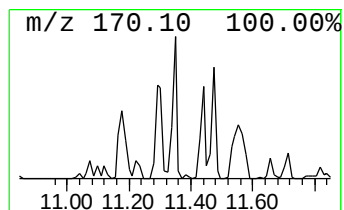
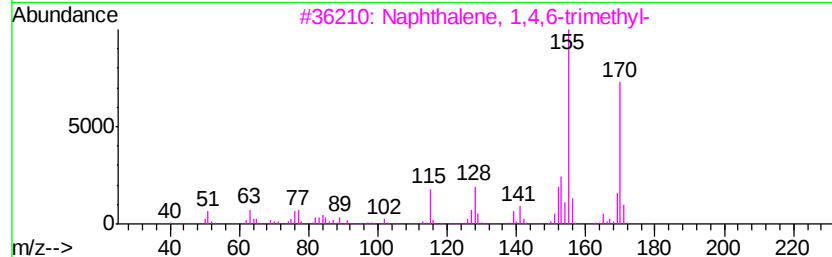
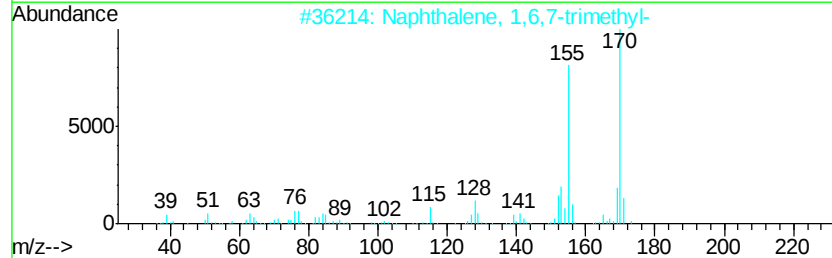
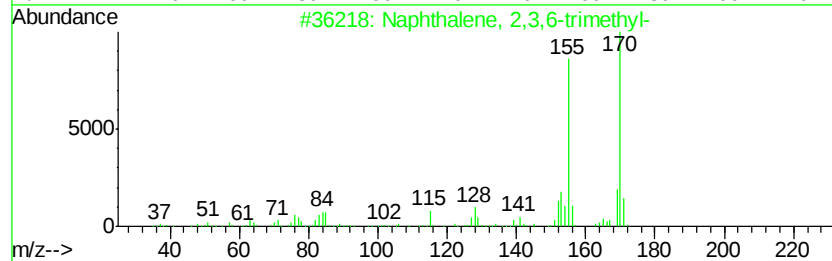
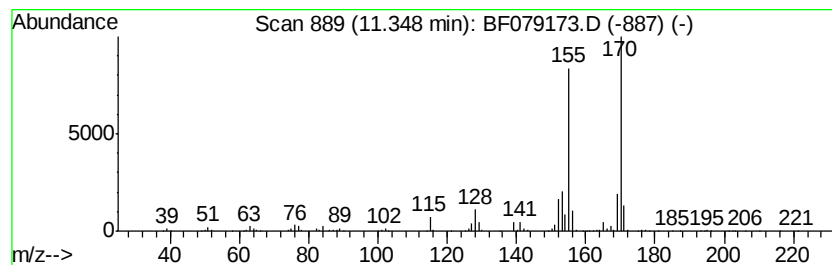
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	20.93 ng	808400	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

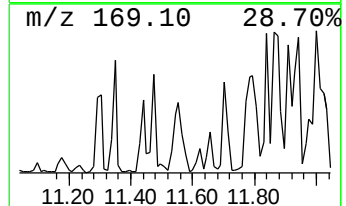
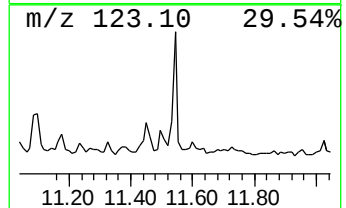
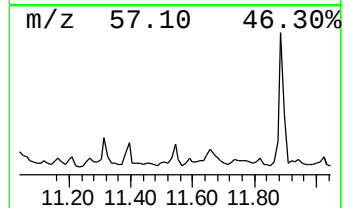
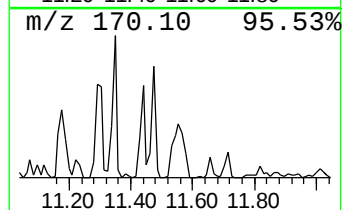
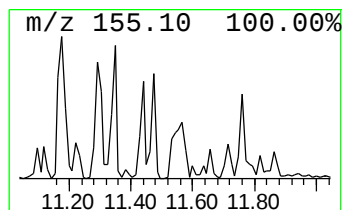
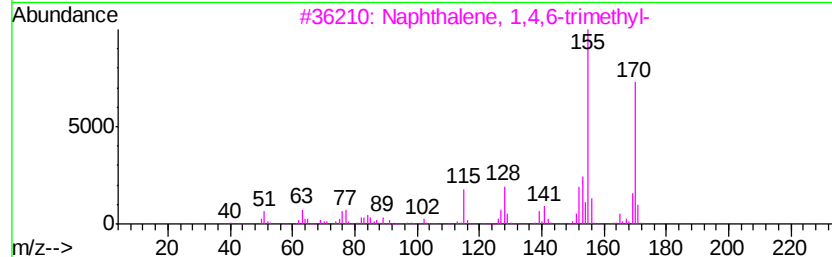
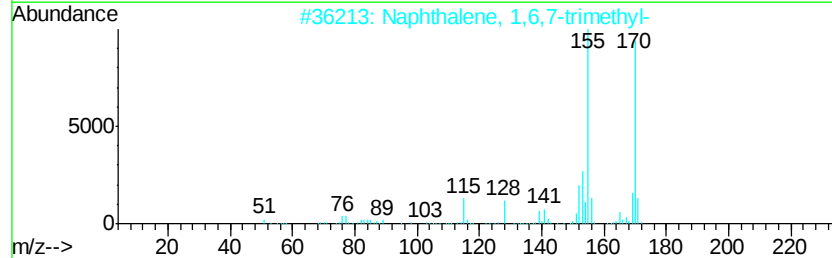
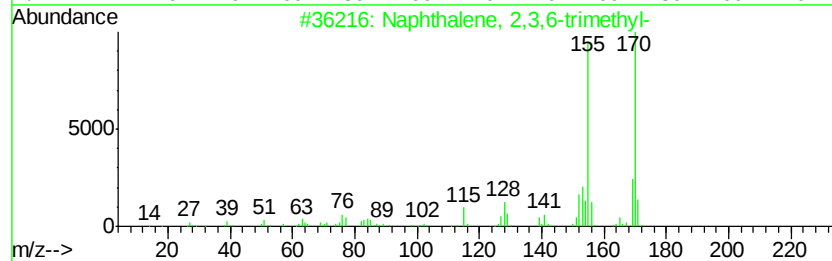
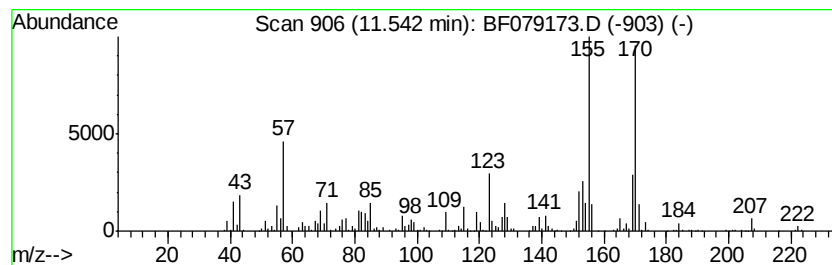
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	29.18 ng	1127090	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

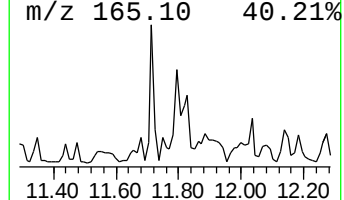
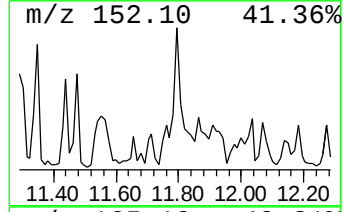
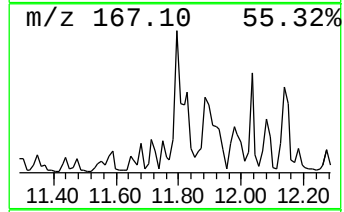
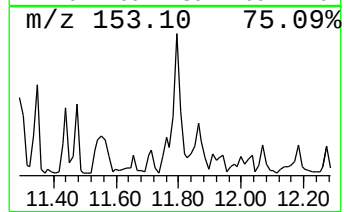
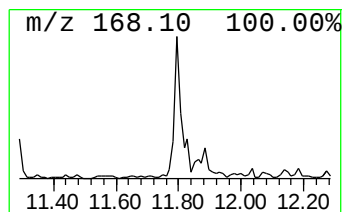
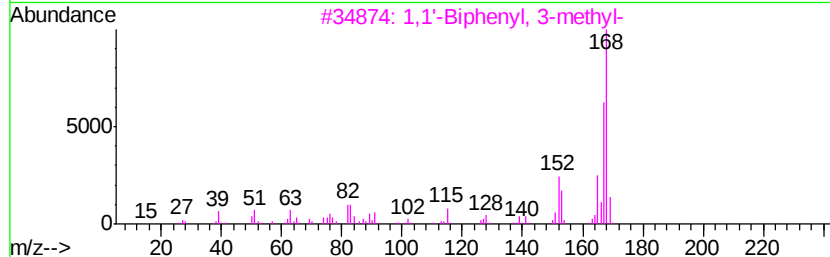
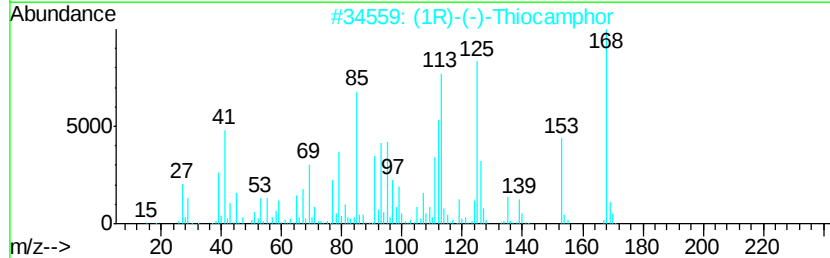
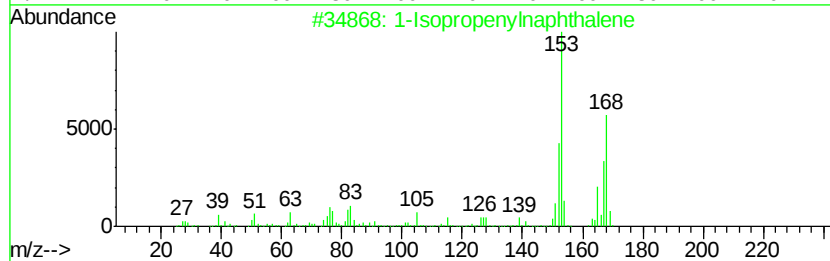
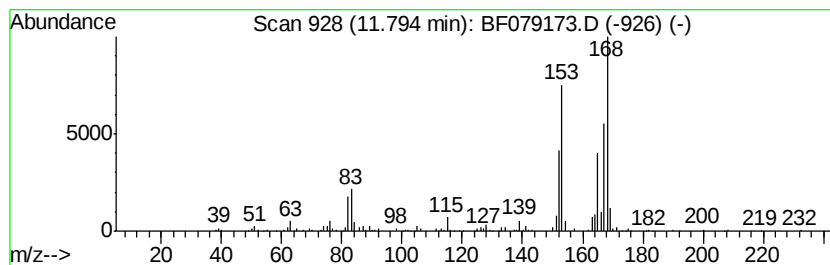
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	20.82 ng	804194	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
2		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	45
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

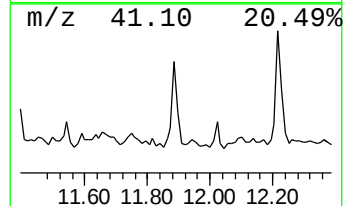
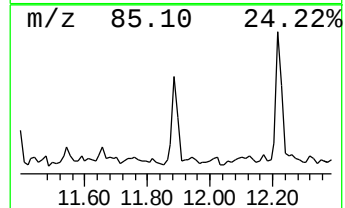
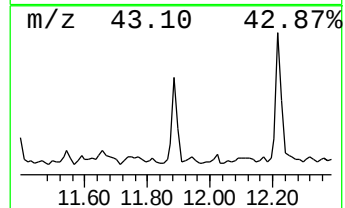
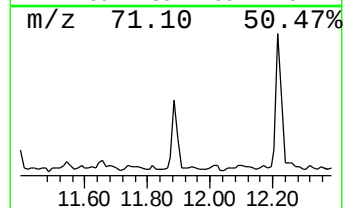
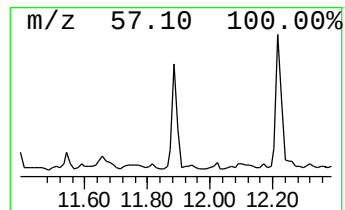
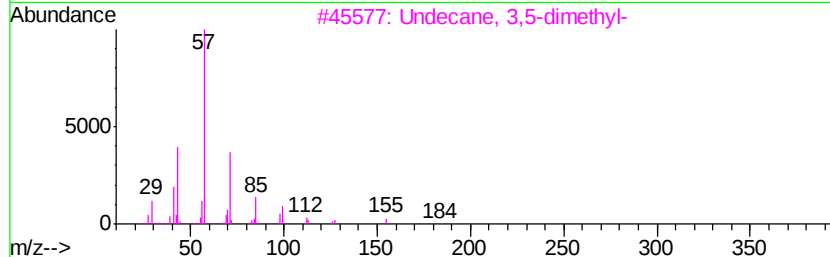
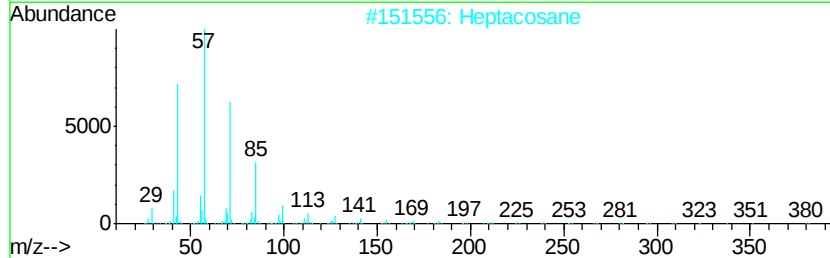
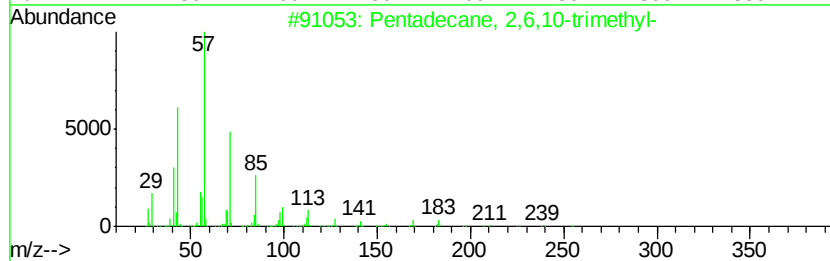
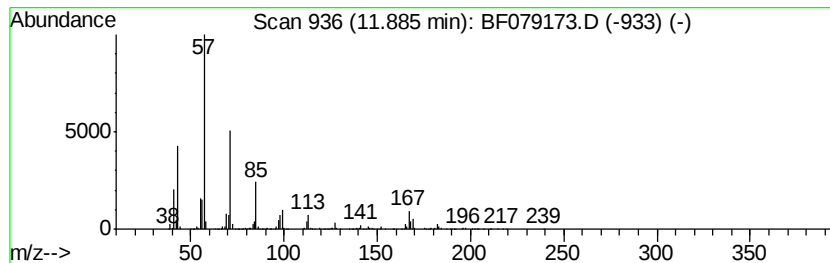
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	35.58 ng	1374520	Acenaphthene-d10	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	70
4		Tetradecane	198	C14H30	000629-59-4	58
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
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Acq On : 12 May 2015 22:37
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
KBY-SB-9(6-10)

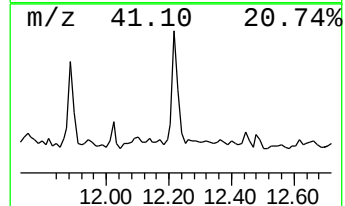
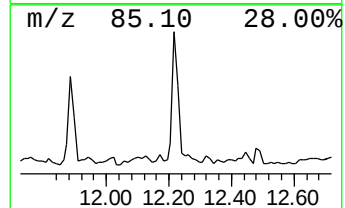
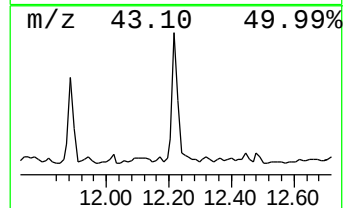
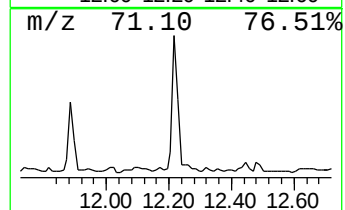
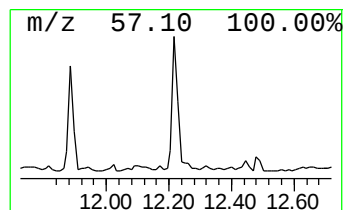
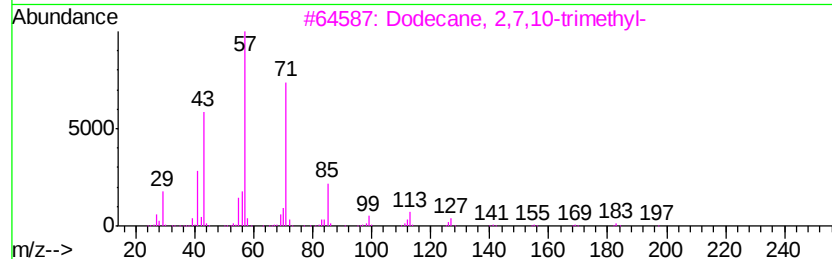
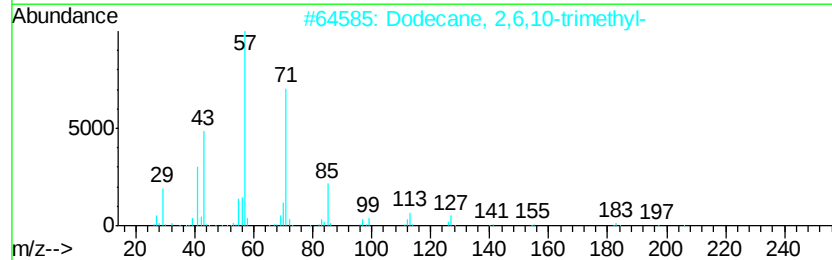
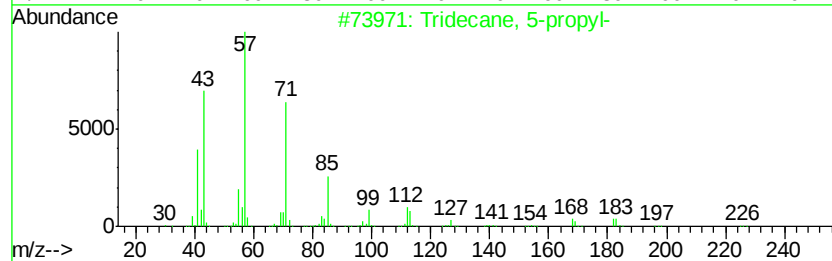
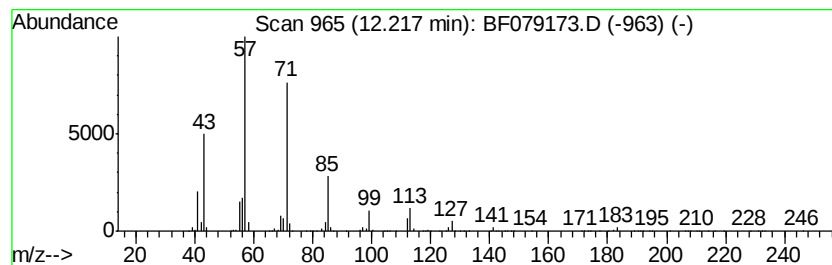
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	36.23 ng	1201890	Phenanthrene-d10	12.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

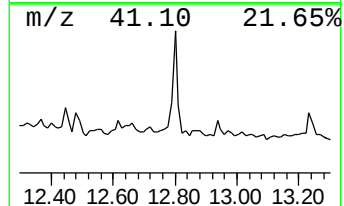
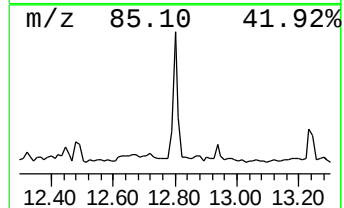
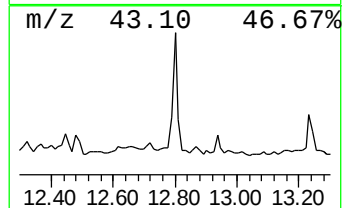
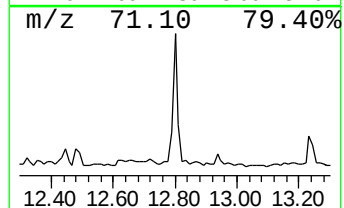
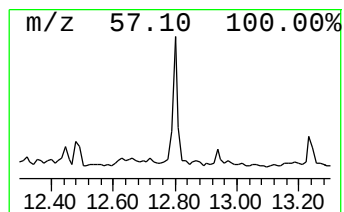
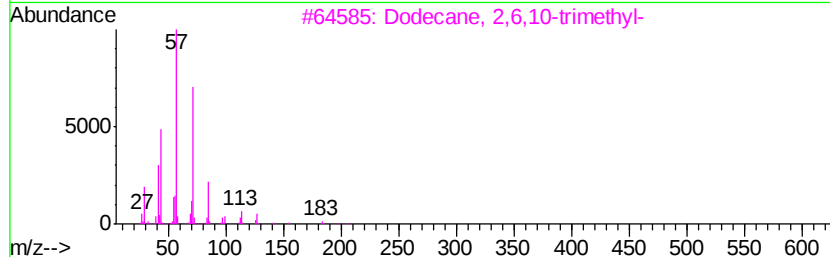
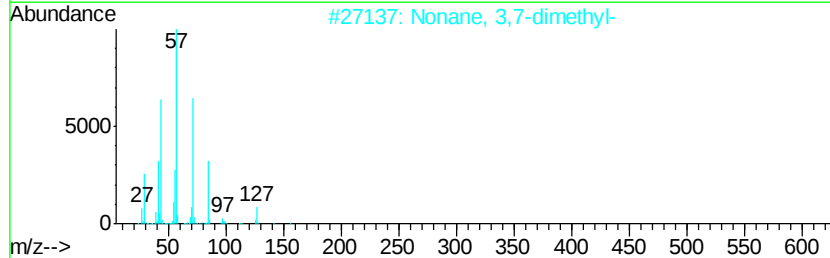
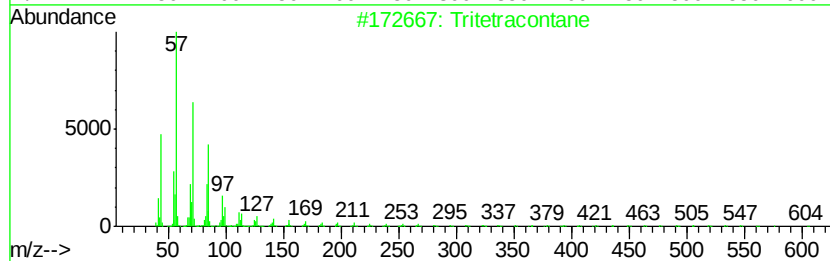
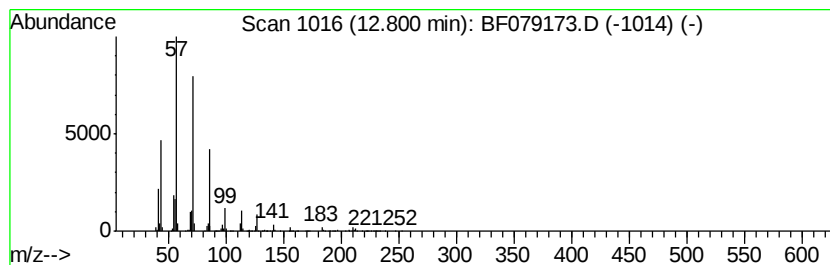
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tritetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	23.91 ng	793181	Phenanthrene-d10	12.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	83
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079173.D
 Acq On : 12 May 2015 22:37
 Operator : TP/IZ
 Sample : G2196-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

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...	1.43	28.8	ng	591133	1	7.28	410380	20.0
unknown6.99	6.99	59.9	ng	1228010	1	7.28	410380	20.0
2-Ethyl-2,3-dihyd...	9.21	17.7	ng	977496	2	8.86	1105680	20.0
Heptylcyclohexane	10.01	18.1	ng	700192	3	11.04	772633	20.0
Naphthalene, 2-et...	10.45	27.1	ng	1047490	3	11.04	772633	20.0
Naphthalene, 2,7-...	10.53	46.2	ng	1786350	3	11.04	772633	20.0
Naphthalene, 2,3-...	10.62	48.6	ng	1879210	3	11.04	772633	20.0
Naphthalene, 2,6-...	10.65	30.1	ng	1162400	3	11.04	772633	20.0
Naphthalene, 1,4-...	10.77	23.4	ng	905017	3	11.04	772633	20.0
Naphthalene, 2-(1...	11.18	26.1	ng	1006240	3	11.04	772633	20.0
Naphthalene, 2,3,...	11.29	32.9	ng	1270410	3	11.04	772633	20.0
Naphthalene, 1,6,...	11.35	20.9	ng	808400	3	11.04	772633	20.0
Naphthalene, 1,4,...	11.54	29.2	ng	1127090	3	11.04	772633	20.0
1-Isopropenyl naph...	11.79	20.8	ng	804194	3	11.04	772633	20.0
Pentadecane, 2,6,...	11.89	35.6	ng	1374520	3	11.04	772633	20.0
Tridecane, 5-propyl-	12.22	36.2	ng	1201890	4	12.88	663537	20.0
Tritetracontane	12.80	23.9	ng	793181	4	12.88	663537	20.0