

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079524.D
 Acq On : 27 May 2015 18:02
 Operator : TP/IZ
 Sample : G2309-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4

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-BF052615.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	1.575	33	34	42	rVV	649490	1038846	8.68%	0.519%
2	1.690	42	44	88	rVB	3078033	7707643	64.41%	3.849%
3	5.279	355	358	369	rBV	1271226	1474982	12.33%	0.737%
4	6.593	471	473	478	rVB	1637257	1667299	13.93%	0.833%
5	6.719	482	484	486	rVB	1367632	1600386	13.37%	0.799%
6	7.004	506	509	511	rBV2	350236	494254	4.13%	0.247%
7	7.187	522	525	527	rBV	1315615	1756967	14.68%	0.877%
8	7.473	545	550	552	rVB3	411181	548221	4.58%	0.274%
9	7.702	567	570	571	rVB	922508	1005239	8.40%	0.502%
10	7.919	582	589	594	rBV6	269093	1203149	10.05%	0.601%
11	7.999	594	596	599	rVB2	686249	995960	8.32%	0.497%
12	8.067	599	602	604	rVB2	386260	470927	3.94%	0.235%
13	8.125	606	607	610	rVB3	862844	968854	8.10%	0.484%
14	8.239	614	617	618	rBV	377330	560784	4.69%	0.280%
15	8.319	621	624	626	rVB2	721860	935255	7.82%	0.467%
16	8.365	626	628	631	rBV4	398652	898185	7.51%	0.449%
17	8.467	633	637	641	rBV4	439743	920890	7.70%	0.460%
18	8.559	641	645	646	rBV4	656422	1696426	14.18%	0.847%
19	8.582	646	647	648	rVV	742081	556698	4.65%	0.278%
20	8.605	648	649	651	rVB	1754720	1344163	11.23%	0.671%
21	8.707	656	658	659	rBV	1814991	1920606	16.05%	0.959%
22	8.765	661	663	666	rVB2	357419	553463	4.62%	0.276%
23	8.845	666	670	673	rBV3	725321	1863339	15.57%	0.931%
24	8.959	679	680	682	rBV2	397006	559877	4.68%	0.280%
25	9.016	682	685	686	rVV2	775862	1253953	10.48%	0.626%
26	9.050	686	688	690	rVV	837125	964581	8.06%	0.482%
27	9.096	690	692	694	rVB	1303808	1144320	9.56%	0.571%
28	9.153	694	697	700	rBV	3468610	4042808	33.78%	2.019%
29	9.199	700	701	703	rVB	717364	689887	5.76%	0.345%
30	9.268	703	707	710	rBV3	669273	1319774	11.03%	0.659%
31	9.370	714	716	718	rVV	4873360	5789884	48.38%	2.891%
32	9.450	721	723	724	rVV2	612321	1028156	8.59%	0.513%
33	9.485	724	726	728	rVB	884492	1079064	9.02%	0.539%
34	9.565	731	733	735	rBV2	385426	544179	4.55%	0.272%

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35	9.610	735	737	739	rVV	896868	988918	8.26%	0.494%
36	9.713	742	746	747	rBV3	1210174	2054143	17.17%	1.026%
37	9.770	750	751	753	rVB2	1060396	1175195	9.82%	0.587%
38	9.816	753	755	758	rBV	2027530	2422837	20.25%	1.210%
39	9.862	758	759	761	rBV2	1334850	2031487	16.98%	1.015%
40	9.896	761	762	764	rVV	3284354	3099025	25.90%	1.548%
41	9.930	764	765	766	rVV	1775910	1340350	11.20%	0.669%
42	10.010	769	772	773	rBV	862291	1333609	11.14%	0.666%
43	10.079	775	778	780	rVV	5324389	8011580	66.95%	4.001%
44	10.113	780	781	783	rVV	677489	1107705	9.26%	0.553%
45	10.205	786	789	791	rVB4	606733	1191820	9.96%	0.595%
46	10.251	791	793	796	rBV3	584080	1553186	12.98%	0.776%
47	10.308	796	798	799	rVV2	498282	779476	6.51%	0.389%
48	10.388	802	805	808	rVV3	1878479	3652451	30.52%	1.824%
49	10.468	808	812	813	rVV2	3592300	6040317	50.48%	3.016%
50	10.536	816	818	821	rVV2	1329124	1368905	11.44%	0.684%
51	10.593	821	823	824	rVB	642459	680461	5.69%	0.340%
52	10.685	829	831	833	rBV3	405196	467985	3.91%	0.234%
53	10.731	833	835	838	rBV	4980765	9408804	78.62%	4.699%
54	11.016	857	860	862	rBV3	1039469	2324913	19.43%	1.161%
55	11.051	862	863	865	rVB	1537490	1220098	10.20%	0.609%
56	11.085	865	866	868	rBV2	983676	1553109	12.98%	0.776%
57	11.119	868	869	872	rVB	2001377	2559233	21.39%	1.278%
58	11.165	872	873	877	rVB2	1134477	1617847	13.52%	0.808%
59	11.245	879	880	882	rBV2	389867	649315	5.43%	0.324%
60	11.359	887	890	892	rBV	5239922	6545462	54.70%	3.269%
61	11.393	892	893	895	rVB2	455102	495361	4.14%	0.247%
62	11.473	898	900	901	rBV2	719258	999798	8.35%	0.499%
63	11.622	910	913	917	rVB	3135325	5451286	45.55%	2.722%
64	11.691	917	919	920	rVB	782191	866417	7.24%	0.433%
65	11.725	920	922	929	rVB6	1616473	4416611	36.91%	2.206%
66	11.862	932	934	936	rBV3	527959	931446	7.78%	0.465%
67	11.954	939	942	945	rBV2	5005396	11966852	100.00%	5.976%
68	12.182	960	962	964	rVV	907647	1164329	9.73%	0.581%
69	12.216	964	965	967	rVB	1312529	1353777	11.31%	0.676%
70	12.262	967	969	970	rBV	950819	1126487	9.41%	0.563%
71	12.296	970	972	974	rVB3	1080394	1308972	10.94%	0.654%

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72	12.342	974	976	977	rVB2	1133402	1017466	8.50%	0.508%
73	12.502	987	990	992	rBV	4441379	6833634	57.10%	3.413%
74	12.536	992	993	995	rVB	3340526	2907159	24.29%	1.452%
75	12.594	995	998	1001	rVB	776594	1351299	11.29%	0.675%
76	12.674	1002	1005	1006	rBV2	552004	746674	6.24%	0.373%
77	12.742	1006	1011	1015	rVB6	780036	2617580	21.87%	1.307%
78	12.799	1015	1016	1018	rBV2	613162	791019	6.61%	0.395%
79	12.879	1021	1023	1024	rBV	649638	650745	5.44%	0.325%
80	12.971	1029	1031	1032	rVV	975847	1190432	9.95%	0.594%
81	13.039	1034	1037	1039	rVV	4364390	6457642	53.96%	3.225%
82	13.085	1039	1041	1042	rVB2	438695	548482	4.58%	0.274%
83	13.234	1052	1054	1060	rVB5	680760	1674055	13.99%	0.836%
84	13.348	1063	1064	1067	rVB	829627	995082	8.32%	0.497%
85	13.394	1067	1068	1070	rBV	632629	715157	5.98%	0.357%
86	13.542	1079	1081	1083	rVB	4283557	4858212	40.60%	2.426%
87	13.725	1095	1097	1100	rBV2	412627	745270	6.23%	0.372%
88	13.885	1109	1111	1114	rBV2	694484	1270967	10.62%	0.635%
89	13.942	1114	1116	1120	rVB4	476444	862343	7.21%	0.431%
90	14.022	1120	1123	1125	rBV	3937816	4288412	35.84%	2.142%
91	14.365	1151	1153	1156	rVB2	367771	558208	4.66%	0.279%
92	14.422	1156	1158	1160	rVB2	379129	577227	4.82%	0.288%
93	14.479	1160	1163	1166	rBV2	2506798	3904293	32.63%	1.950%
94	14.582	1169	1172	1174	rVB	1871574	2015633	16.84%	1.007%
95	14.765	1186	1188	1193	rVB4	286803	623816	5.21%	0.312%
96	14.925	1200	1202	1205	rVB	2139423	2416649	20.19%	1.207%
97	15.348	1237	1239	1242	rBV	925102	1316759	11.00%	0.658%
98	15.760	1272	1275	1278	rVB	590090	963122	8.05%	0.481%
99	15.862	1281	1284	1286	rBV	569074	721773	6.03%	0.360%
100	17.554	1430	1432	1435	rBV	569527	765943	6.40%	0.383%

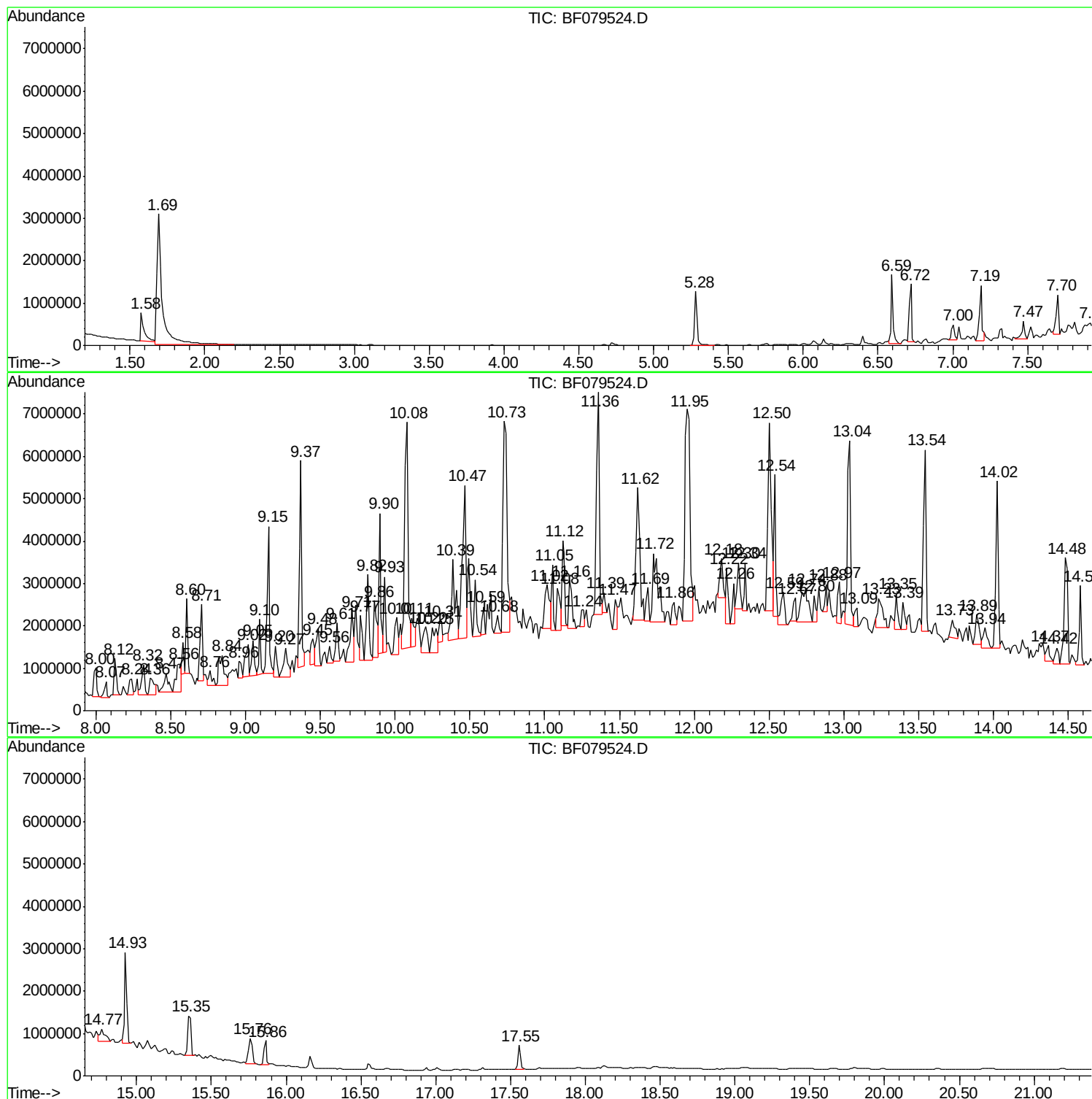
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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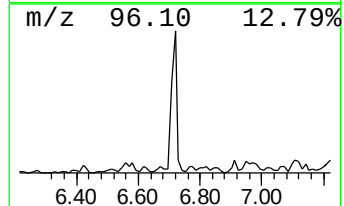
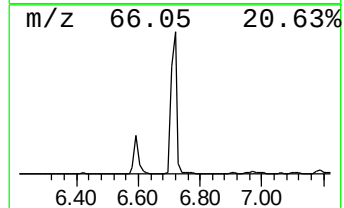
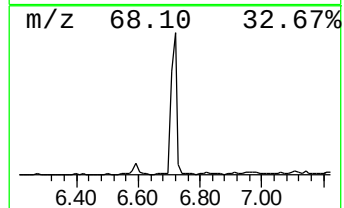
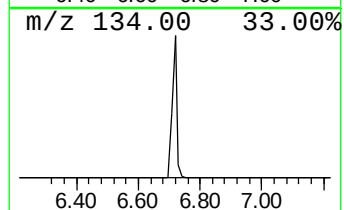
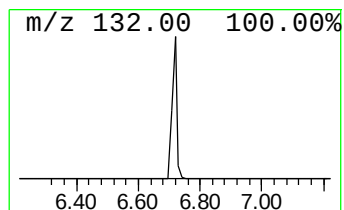
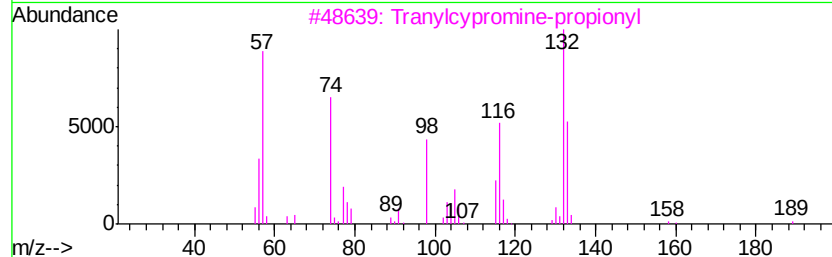
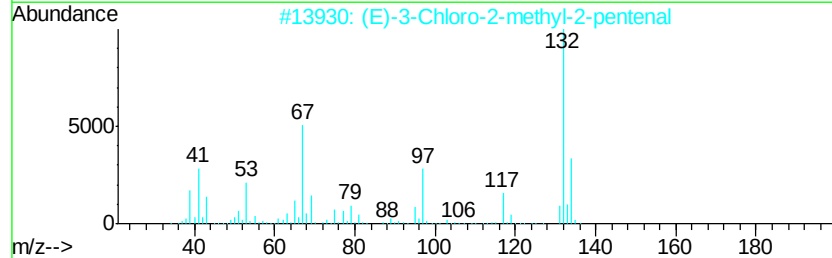
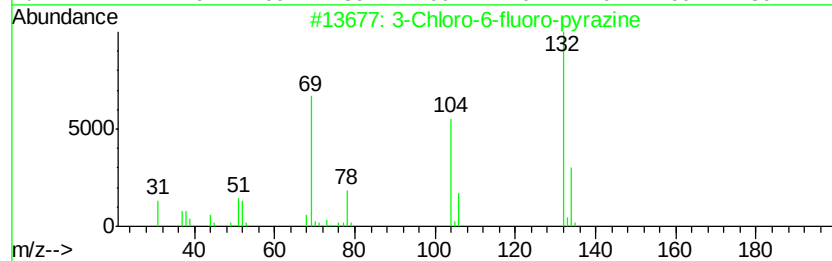
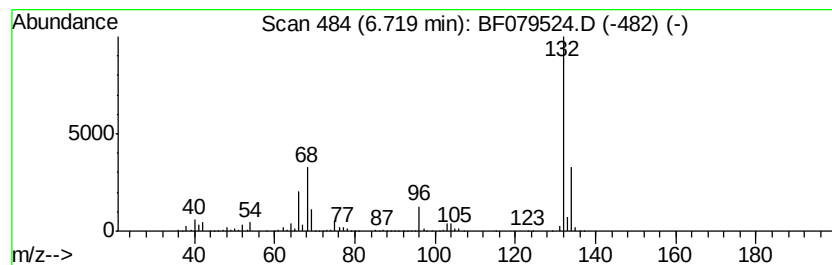
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	64.76 ng	1600390	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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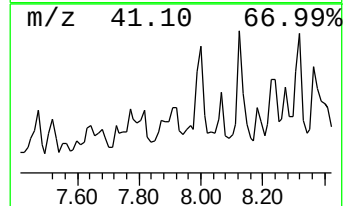
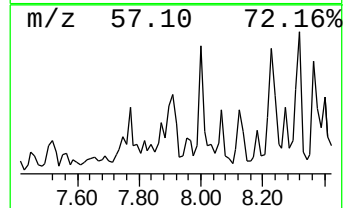
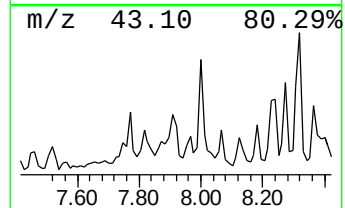
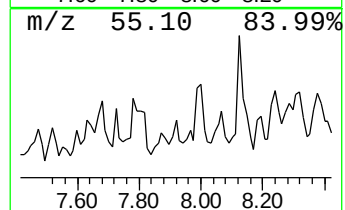
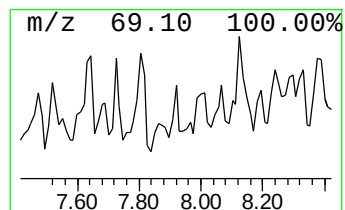
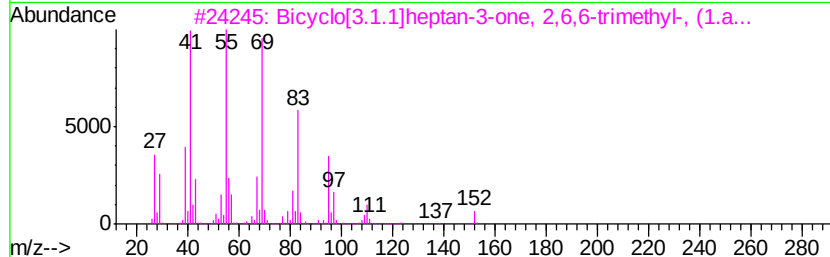
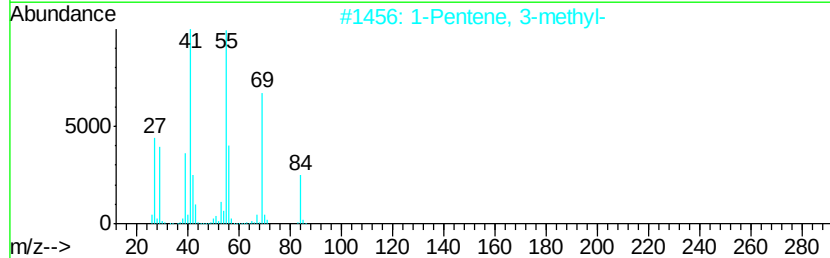
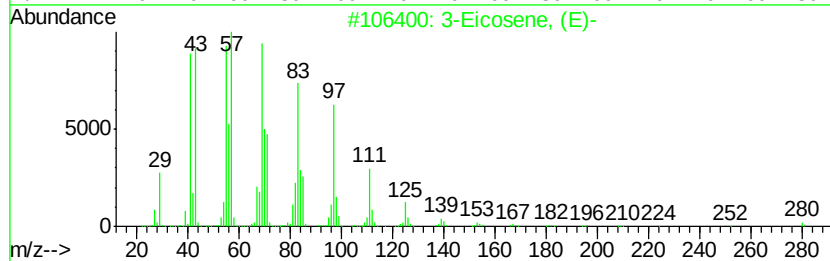
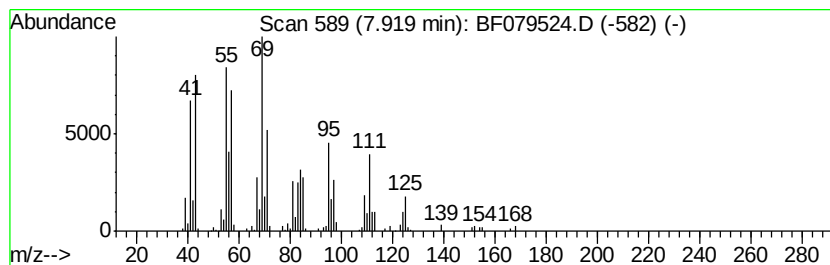
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Eicosene, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	43.22 ng	1203150	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	50
2		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35
3		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	35
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	35



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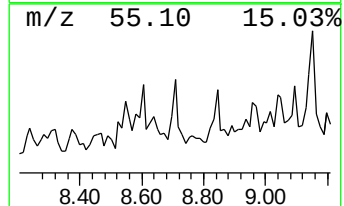
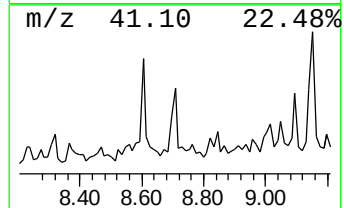
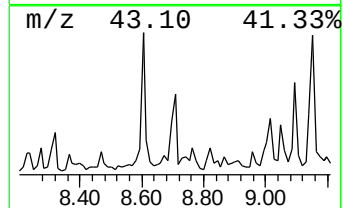
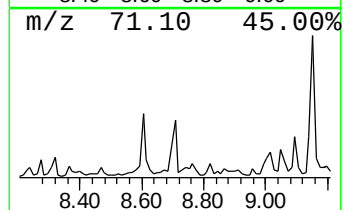
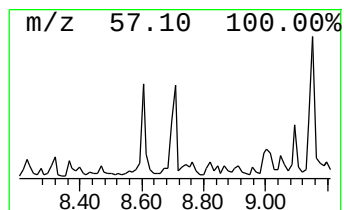
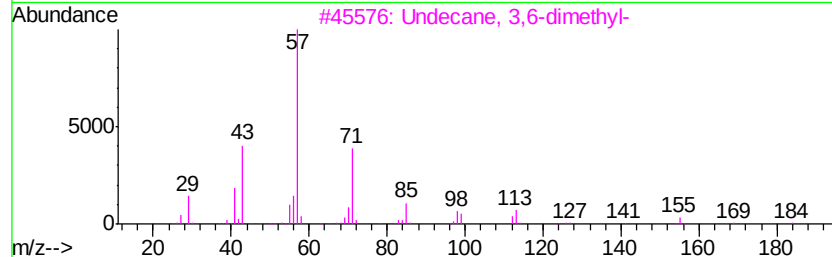
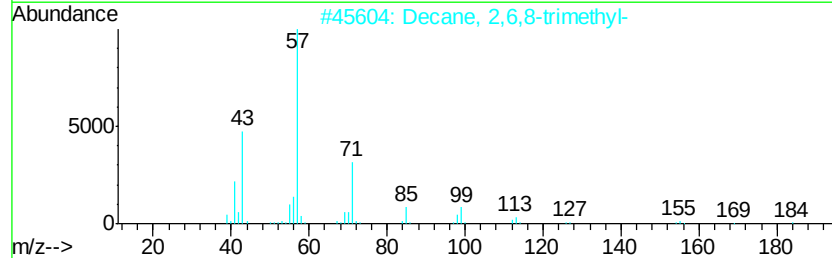
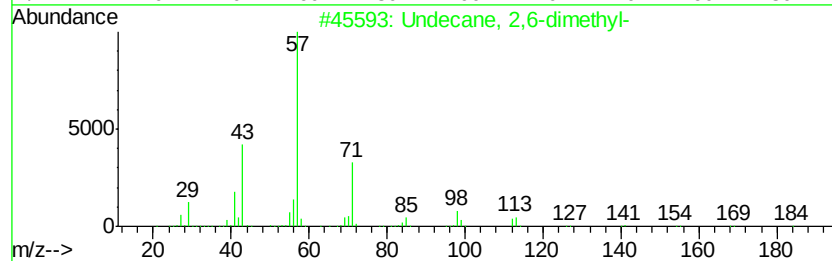
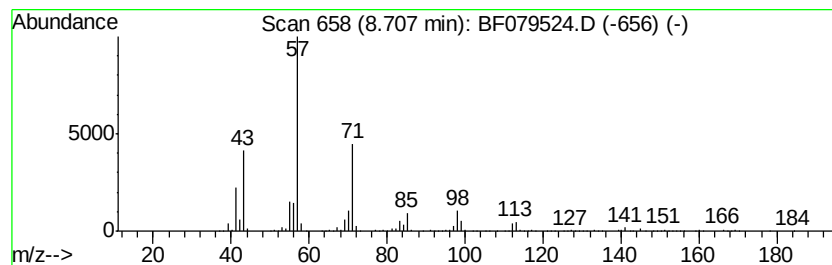
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Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	69.00 ng	1920610	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
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ClientSampleId :
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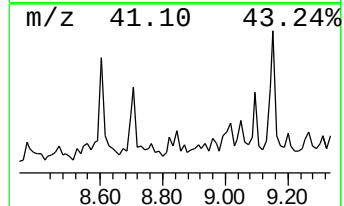
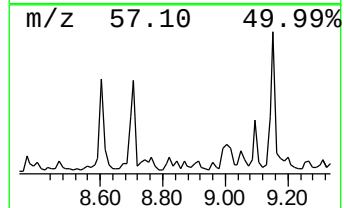
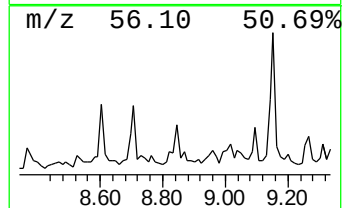
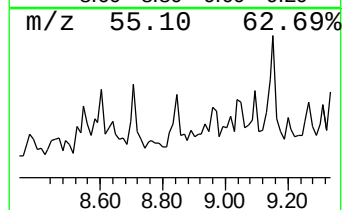
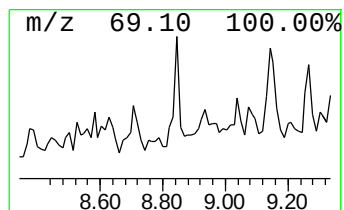
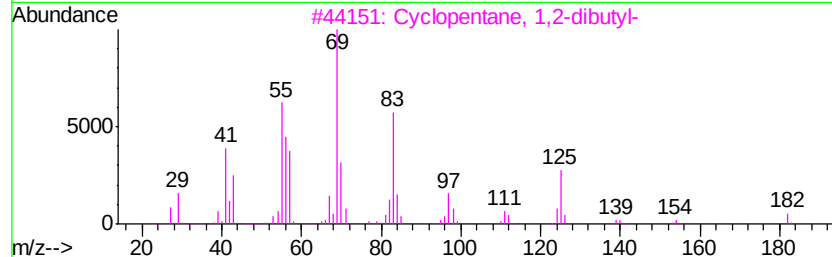
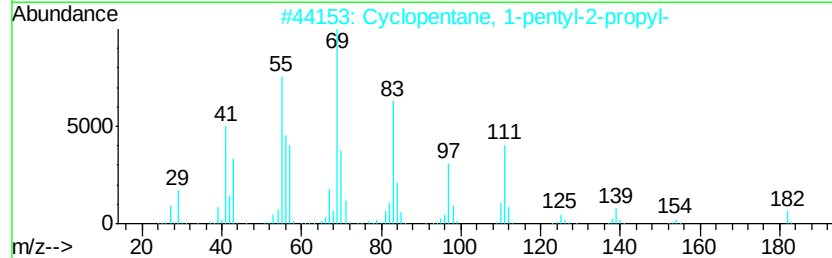
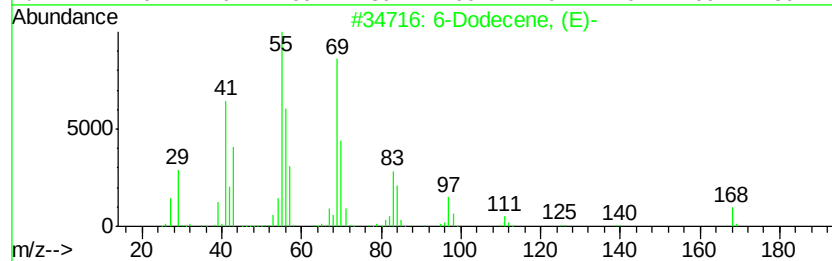
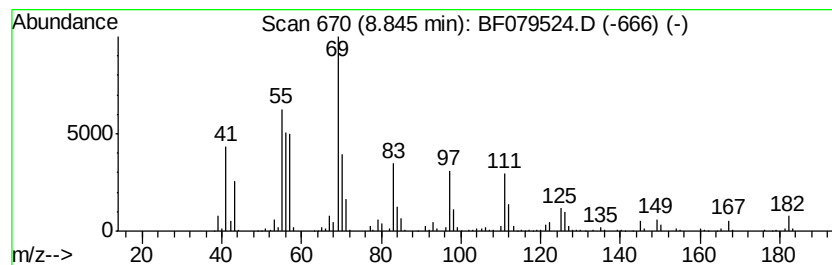
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 6-Dodecene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	66.94 ng	1863340	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Dodecene, (E)-	168	C12H24	007206-17-9	76
2		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	72
3		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	72
4		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
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Misc :
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Instrument :
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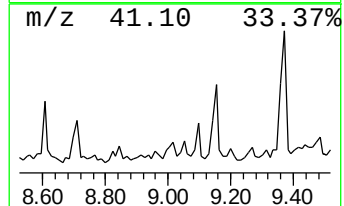
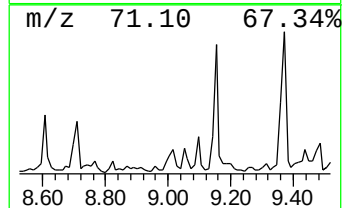
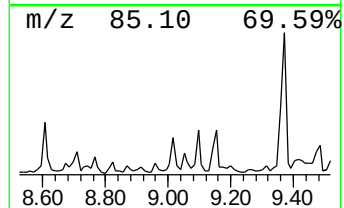
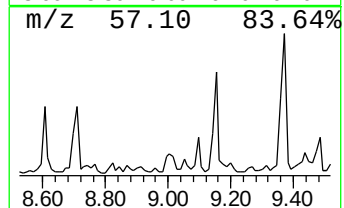
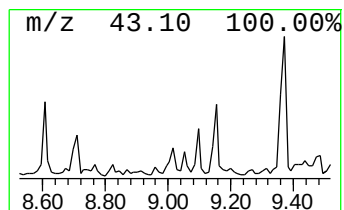
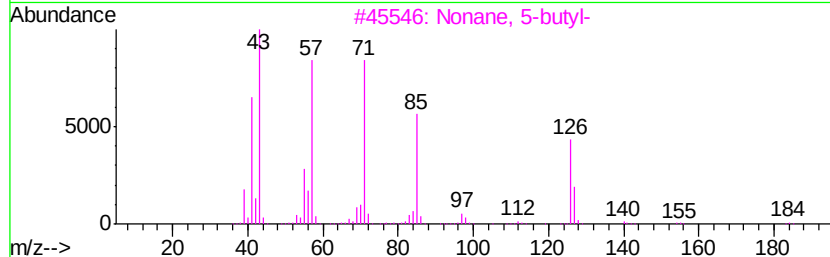
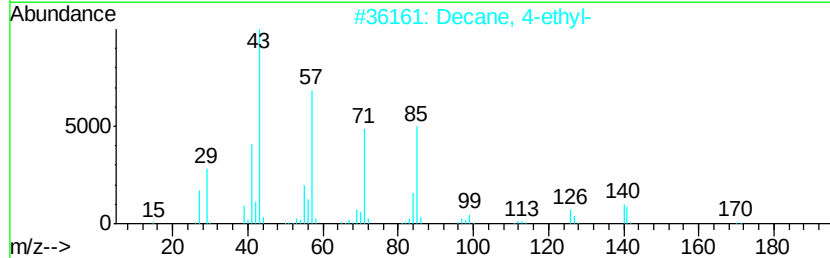
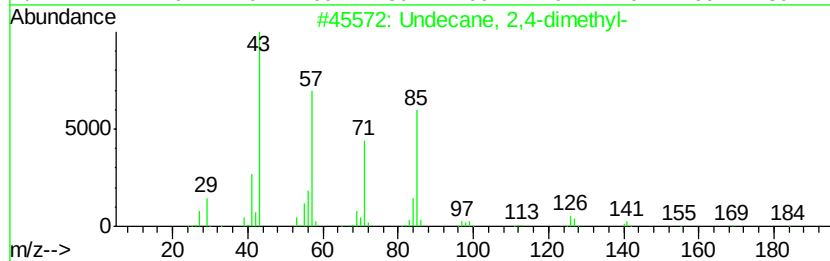
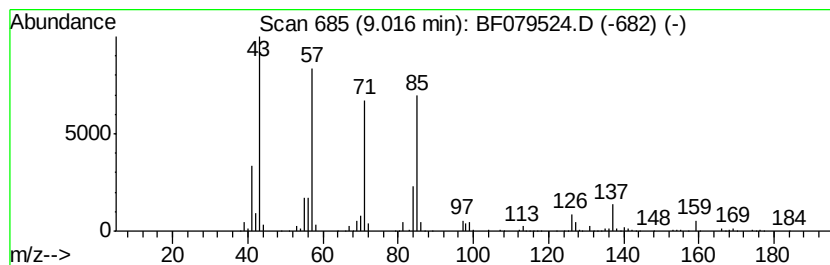
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	45.05 ng	1253950	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	93
2		Decane, 4-ethyl-	170	C12H26	001636-44-8	64
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	53
4		Decane, 5-propyl-	184	C13H28	017312-62-8	52
5		Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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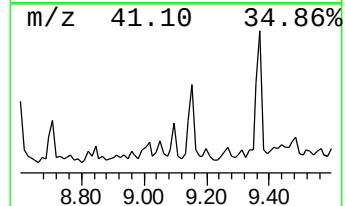
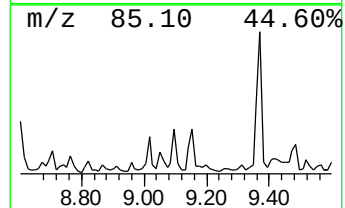
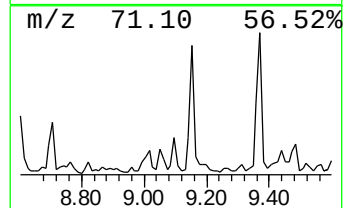
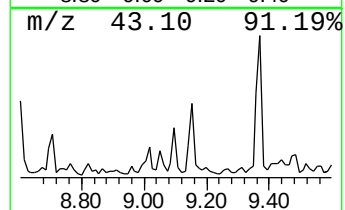
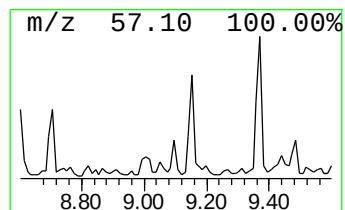
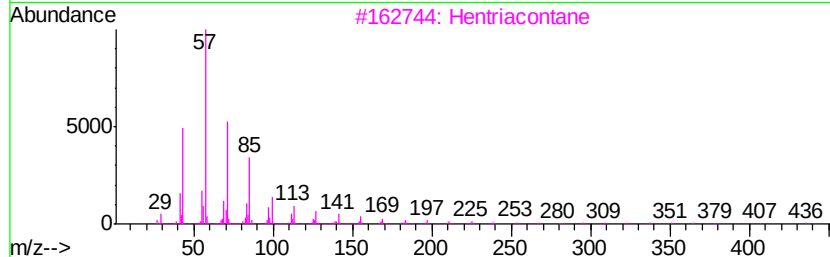
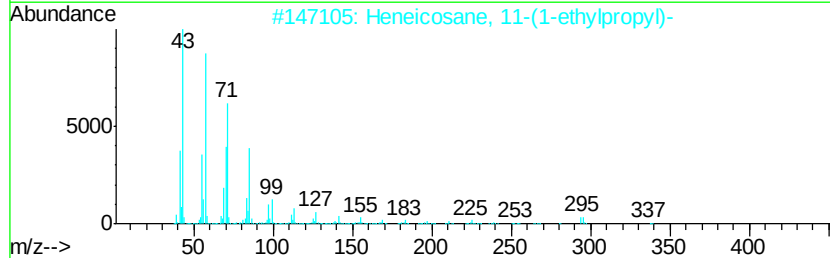
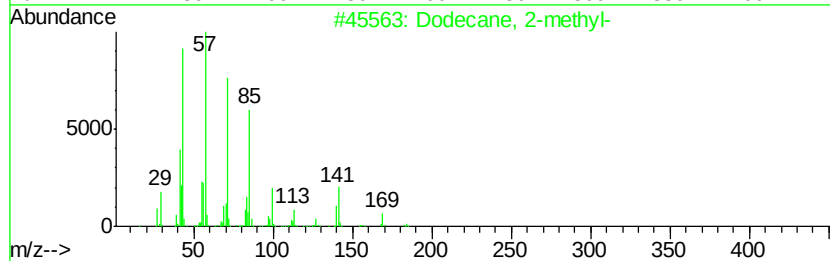
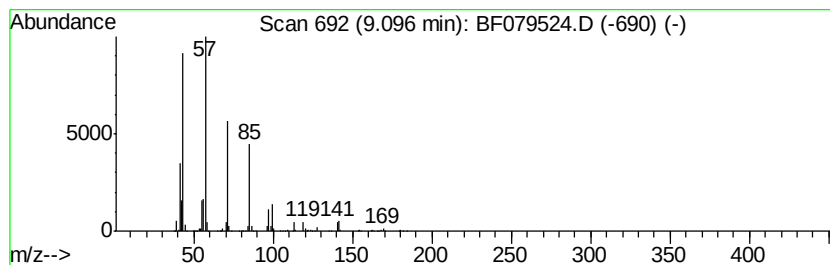
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	41.11 ng	1144320	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	78
3		Hentriacontane	437	C31H64	000630-04-6	78
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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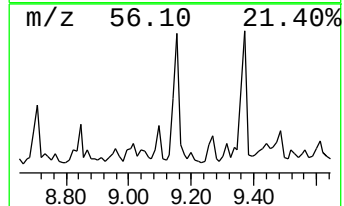
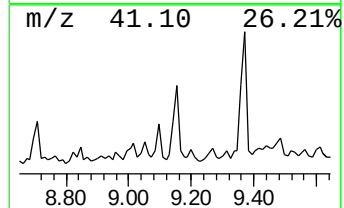
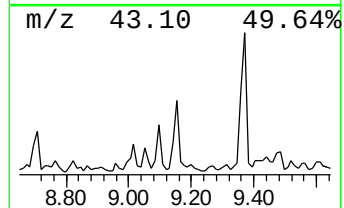
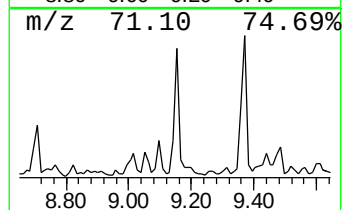
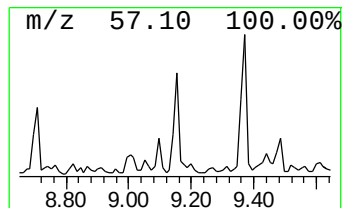
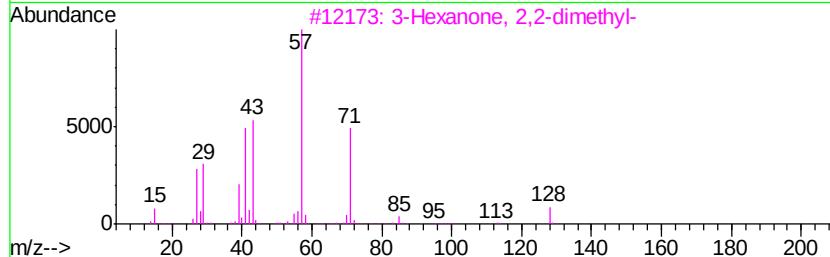
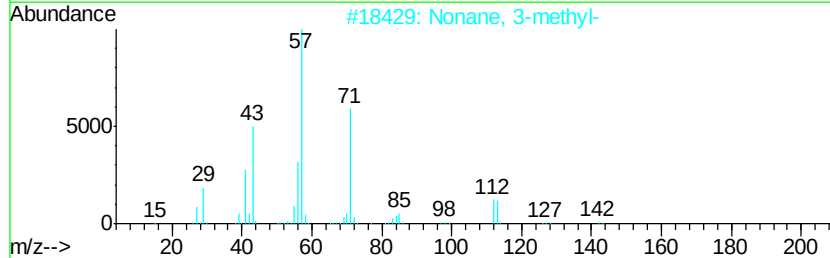
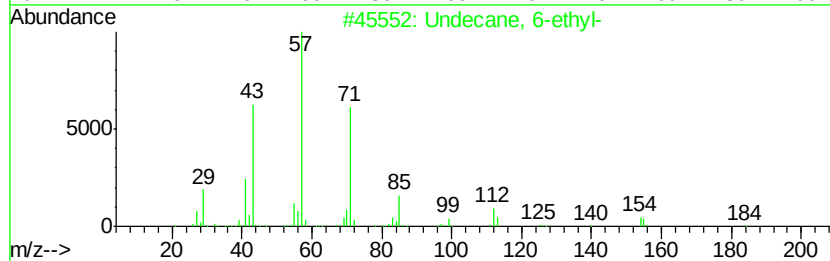
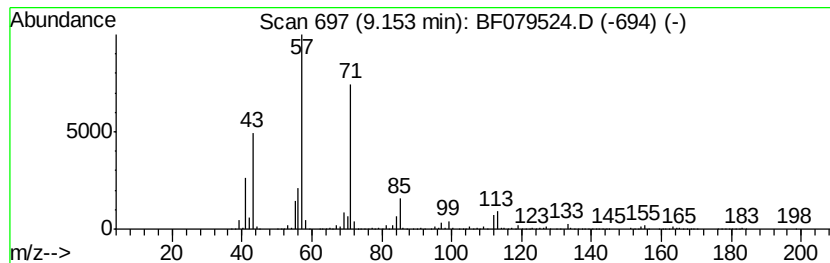
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	145.24 ng	4042810	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	68
3		3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	53
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5		2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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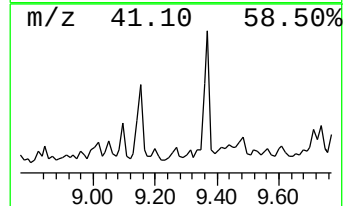
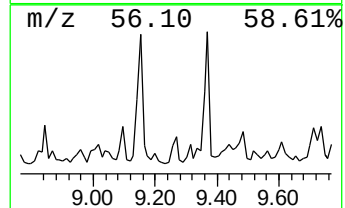
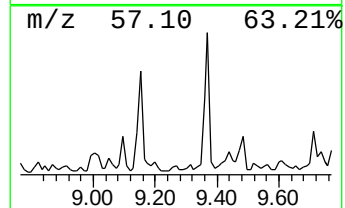
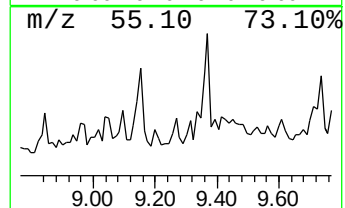
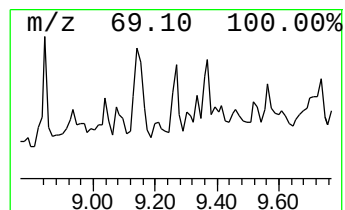
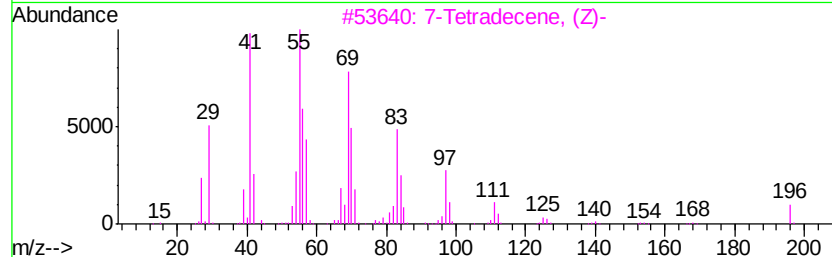
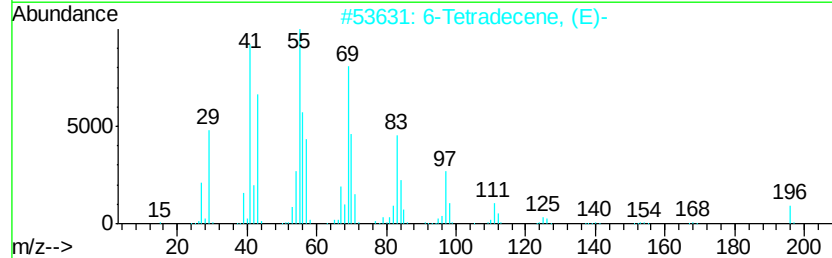
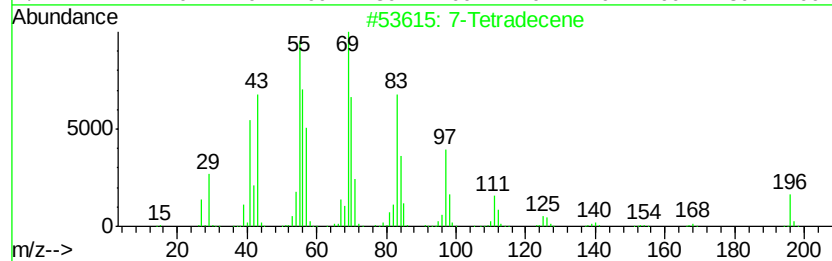
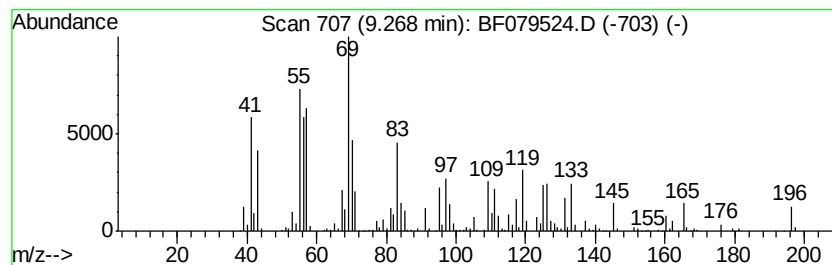
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 7-Tetradecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	47.41 ng	1319770	Napthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Tetradecene	196	C14H28	010374-74-0	64
2		6-Tetradecene, (E)-	196	C14H28	041446-64-4	62
3		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	56
4		3-Tetradecene, (E)-	196	C14H28	041446-68-8	46
5		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
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Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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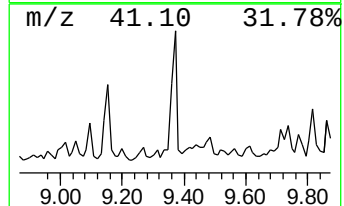
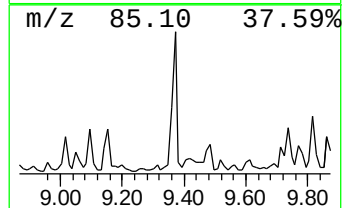
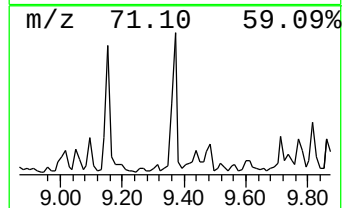
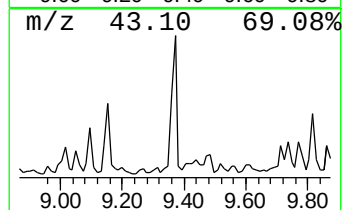
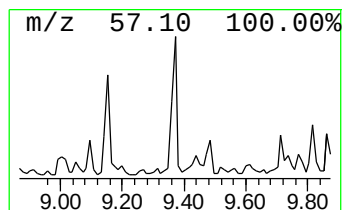
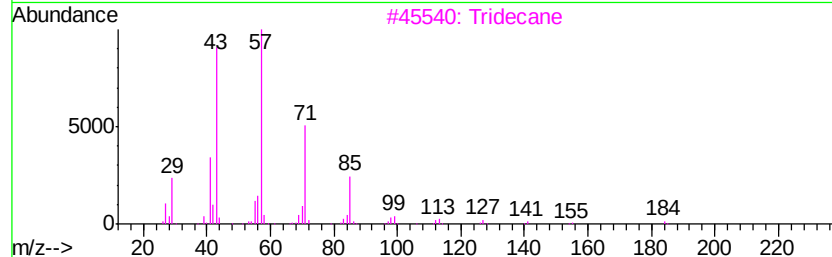
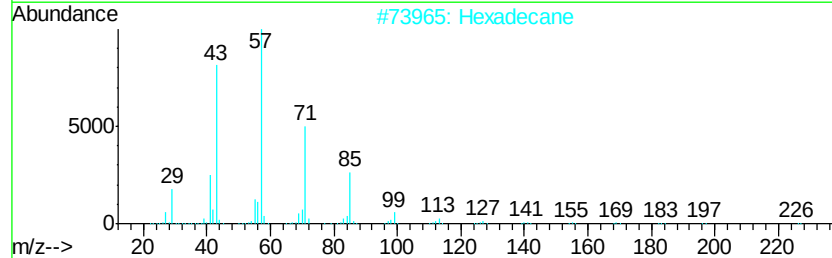
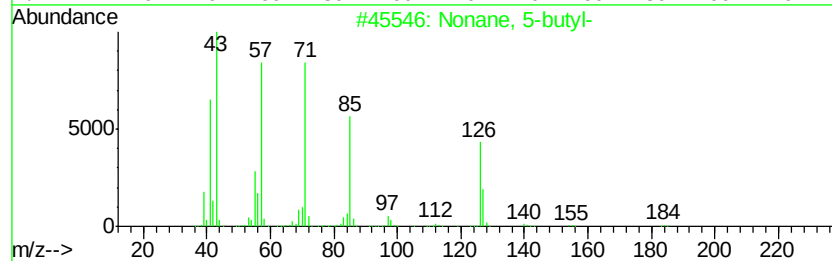
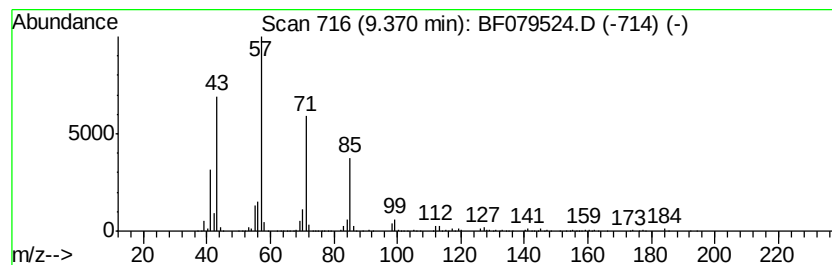
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonane, 5-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	208.01 ng	5789880	Naphthalene-d8	8.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	81
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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Acq On : 27 May 2015 18:02
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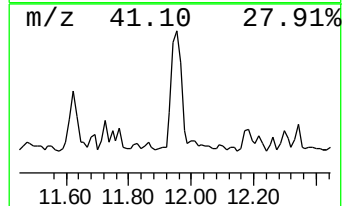
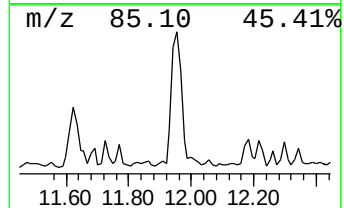
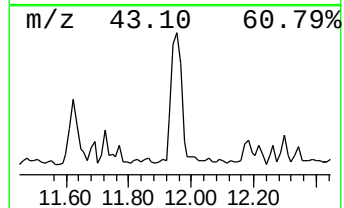
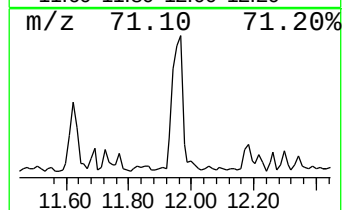
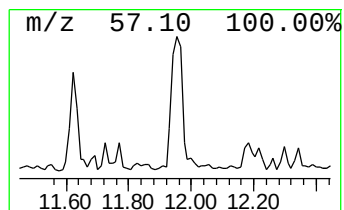
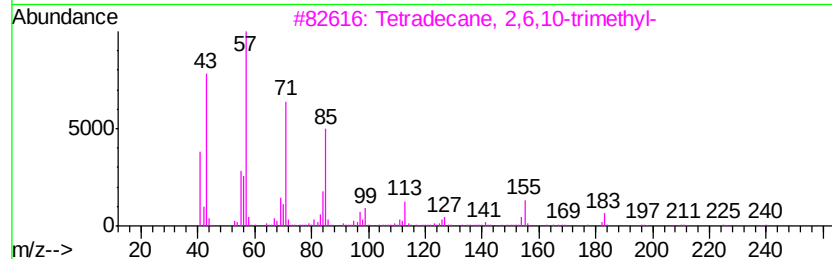
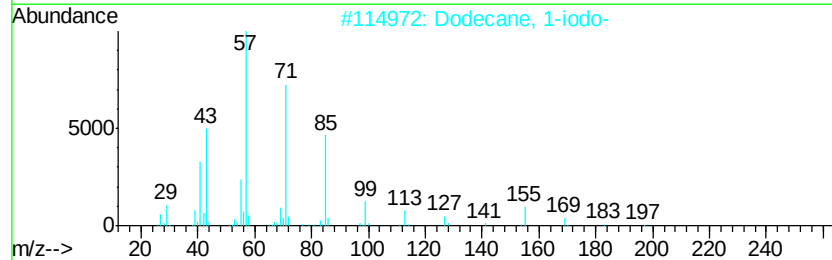
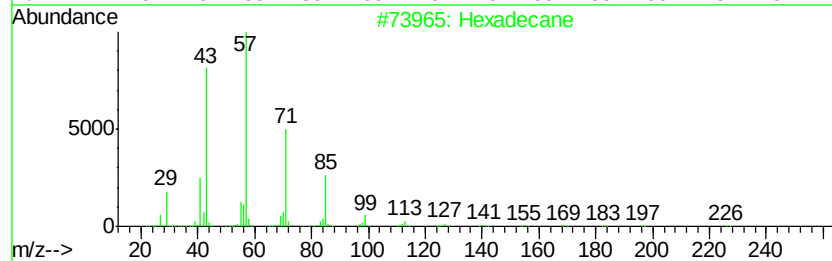
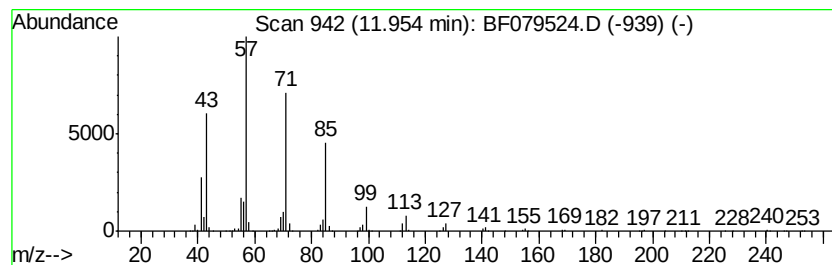
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	177.12 ng	11966900	Phenanthrene-d10	12.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

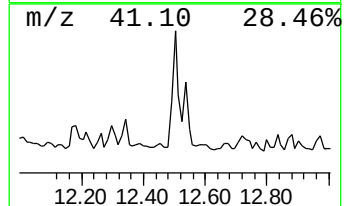
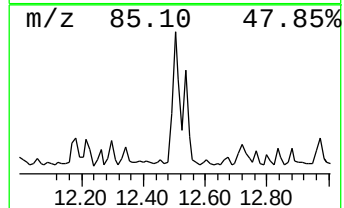
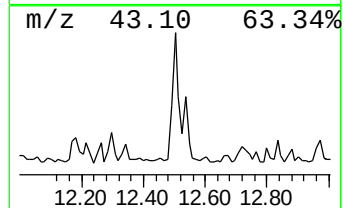
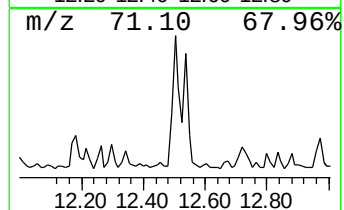
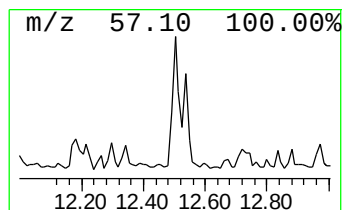
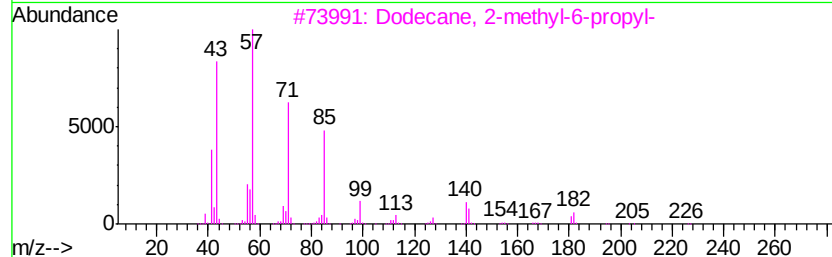
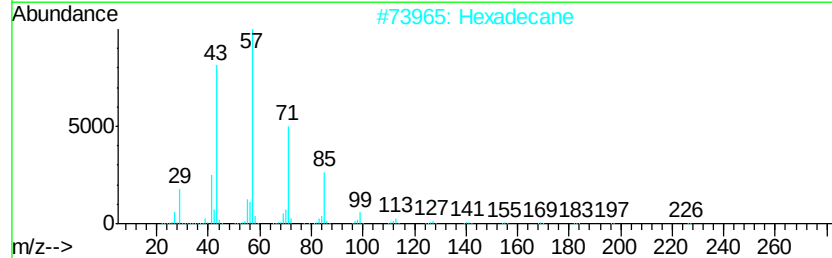
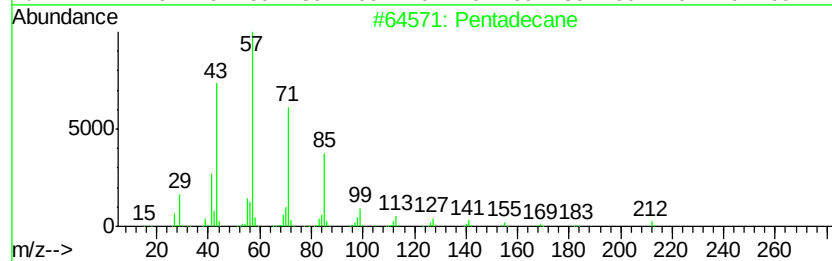
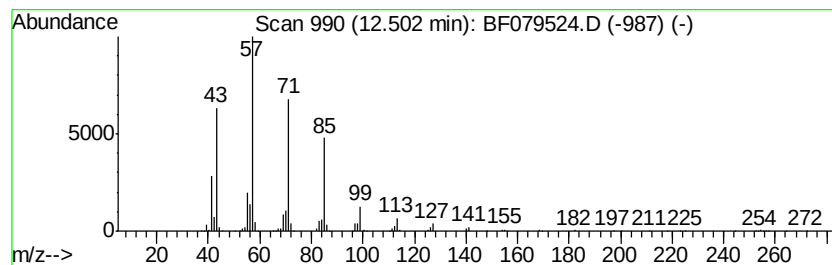
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.50	101.14 ng	6833630	Phenanthrene-d10		12.59
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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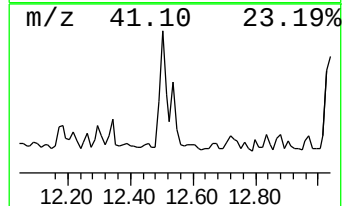
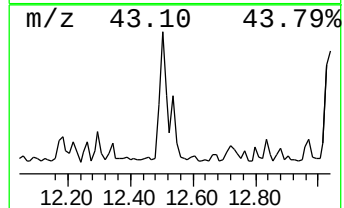
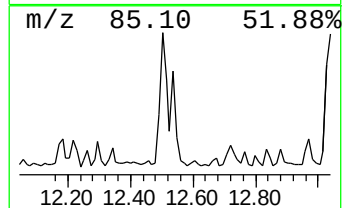
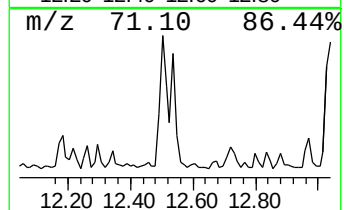
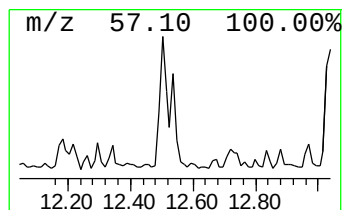
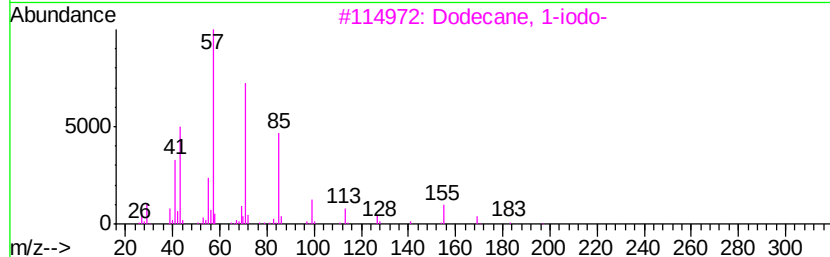
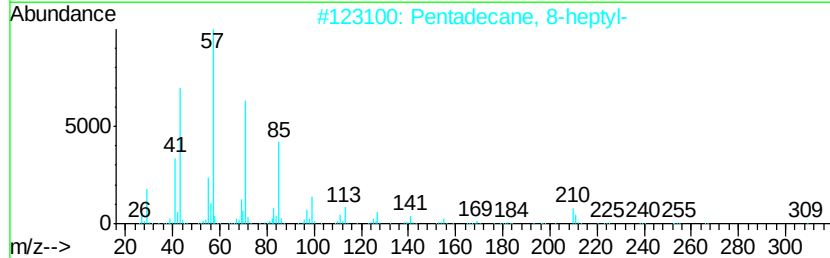
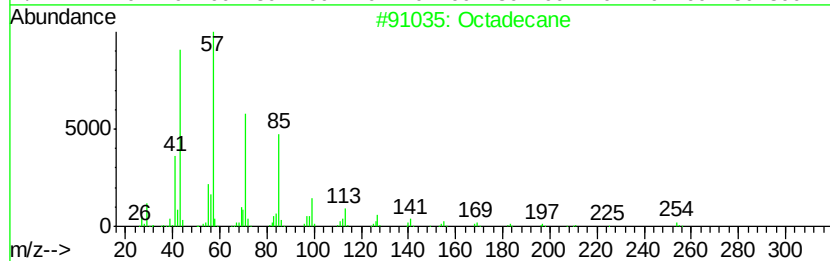
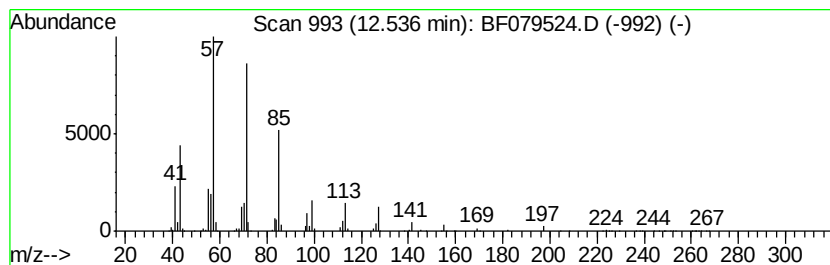
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	43.03 ng	2907160	Phenanthrene-d10	12.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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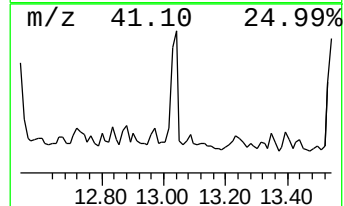
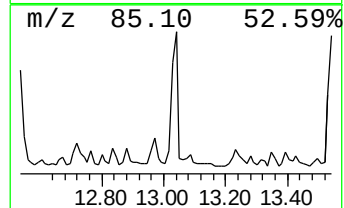
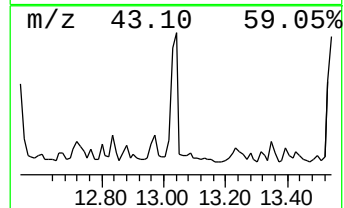
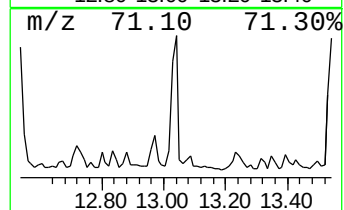
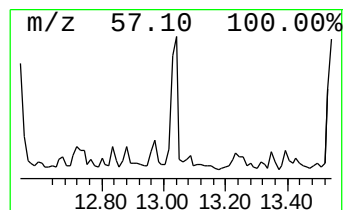
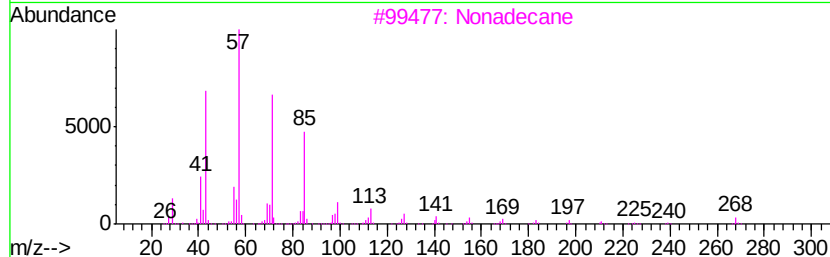
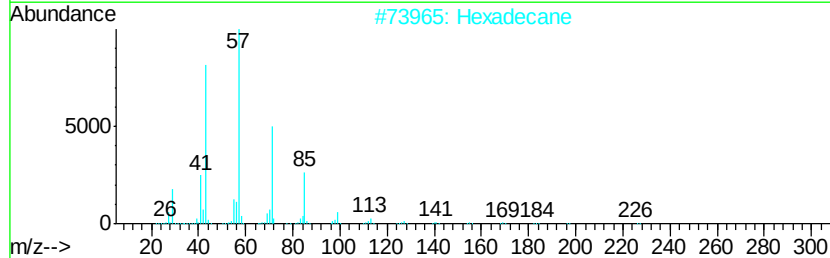
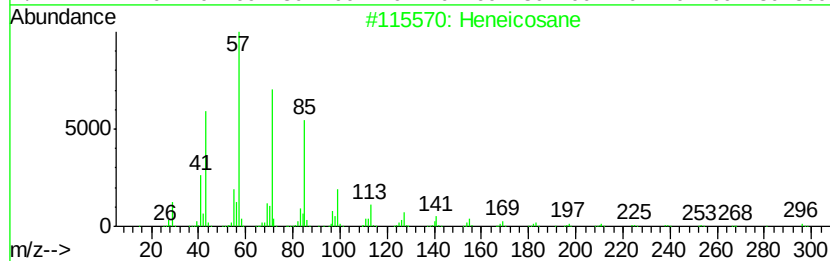
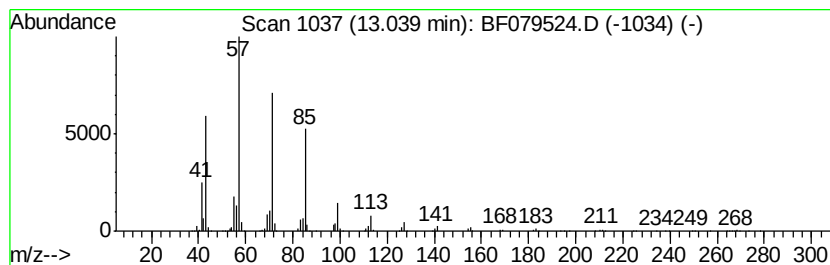
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	95.58 ng	6457640	Phenanthrene-d10	12.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	80
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	74
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
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Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

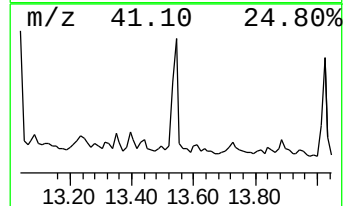
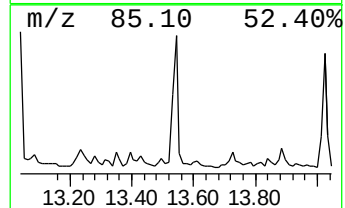
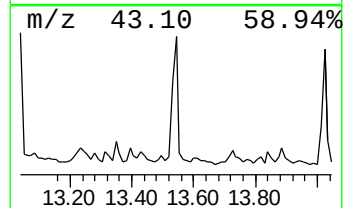
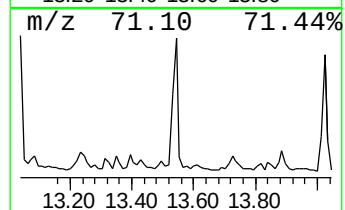
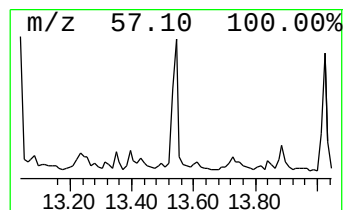
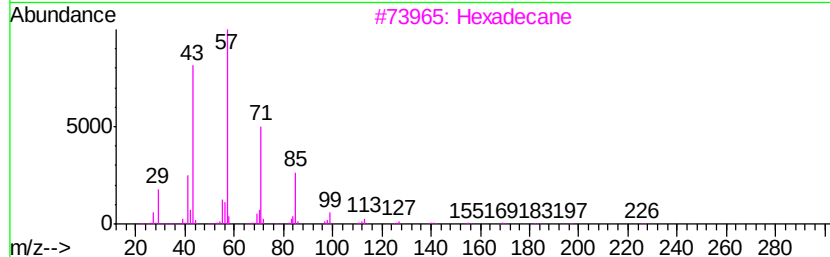
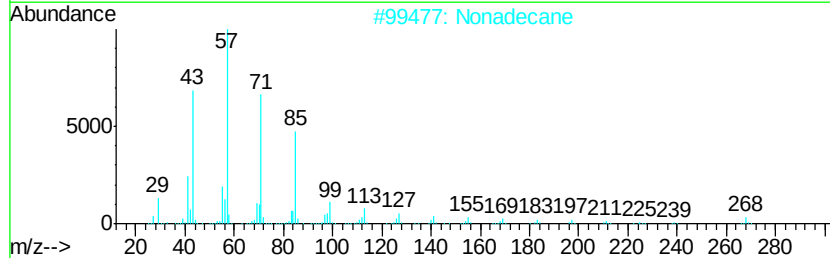
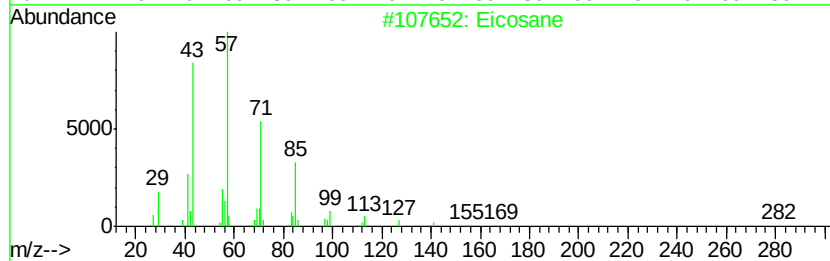
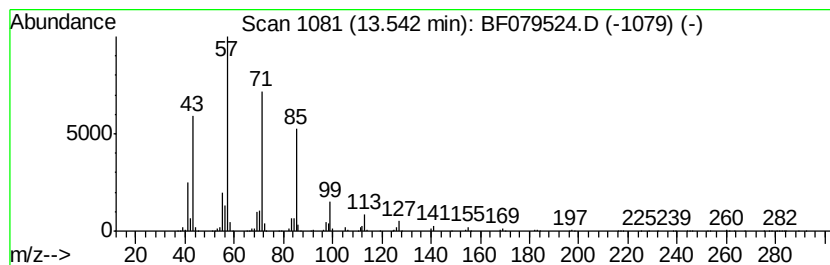
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.54	71.90 ng	4858210	Phenanthrene-d10		12.59	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Nonadecane		268	C19H40	000629-92-5	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Tetracosane		338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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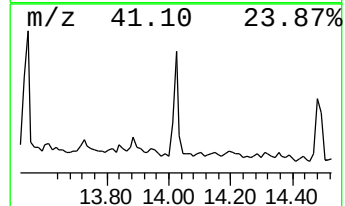
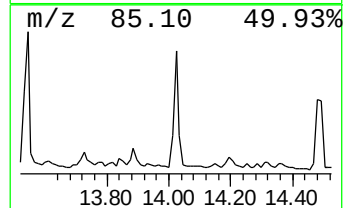
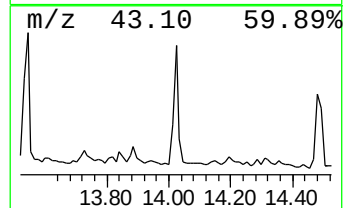
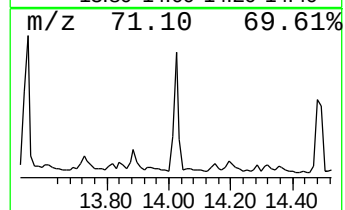
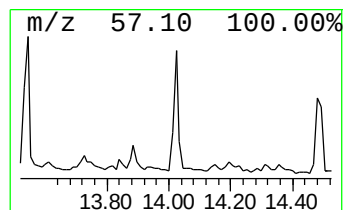
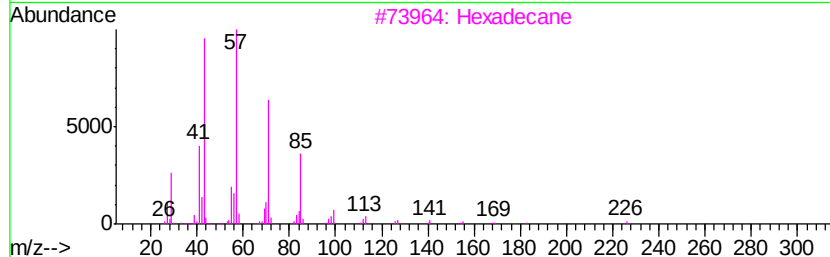
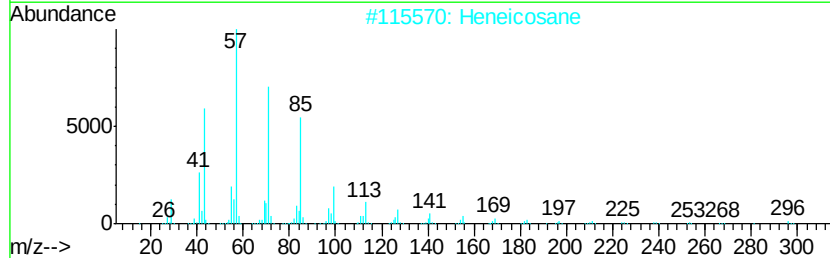
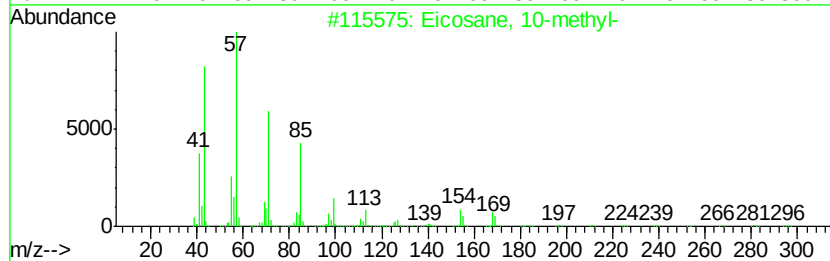
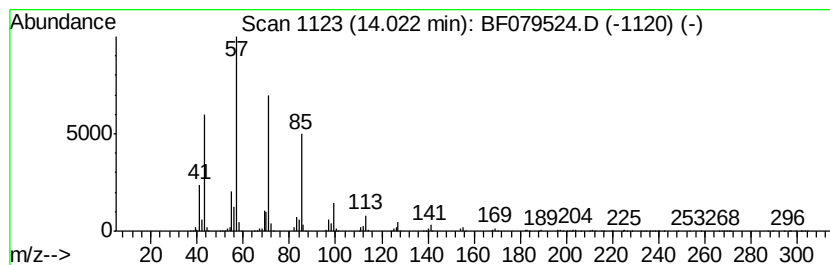
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane, 10-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	63.47 ng	4288410	Phenanthrene-d10	12.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
Operator : TP/IZ
Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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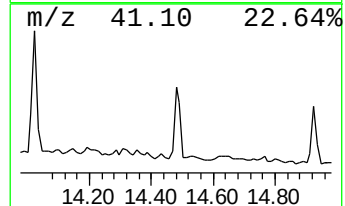
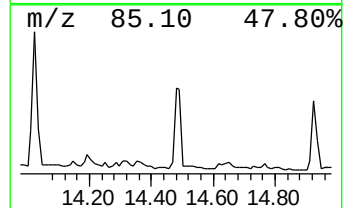
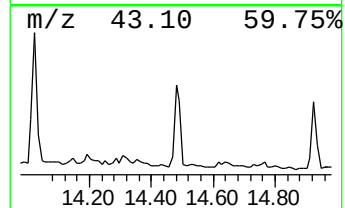
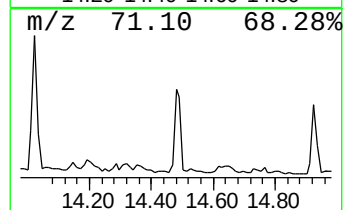
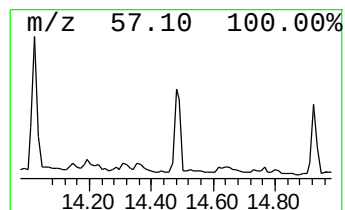
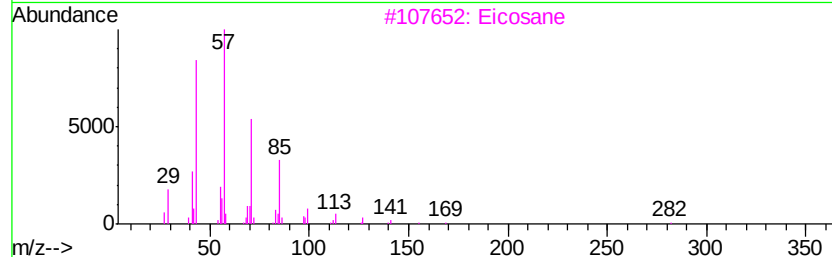
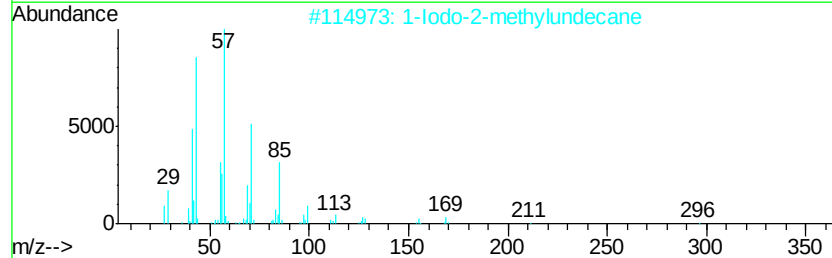
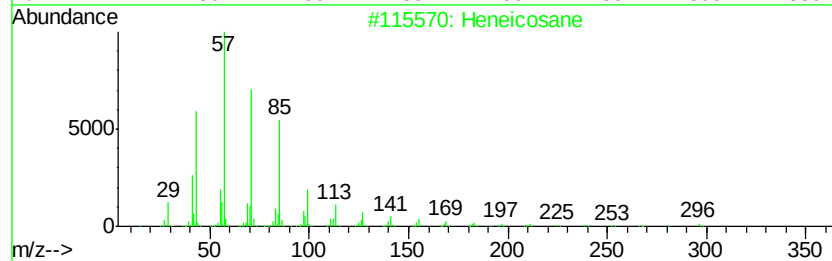
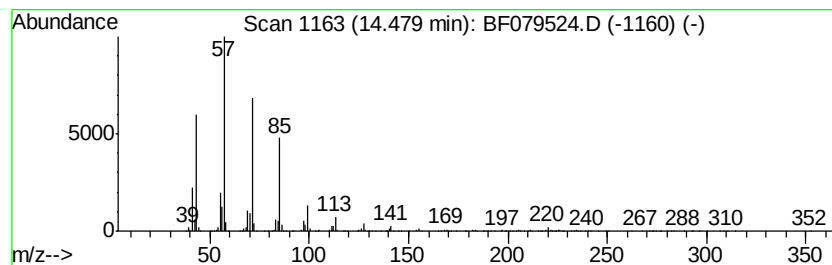
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Iodo-2-methylundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	108.19 ng	3904290	Chrysene-d12	15.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Hexadecane	226	C16H34	000544-76-3	90
5		1-Iodoundecane	282	C11H23I	004282-44-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079524.D
Acq On : 27 May 2015 18:02
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Sample : G2309-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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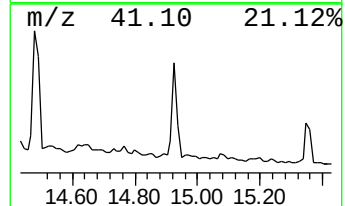
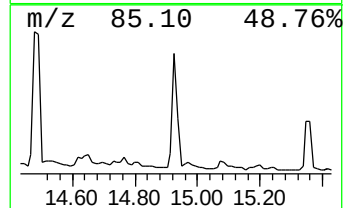
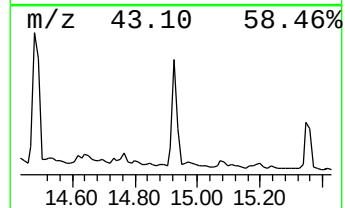
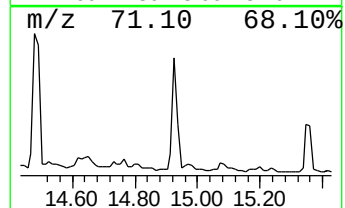
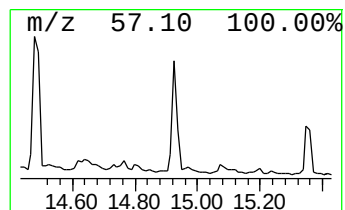
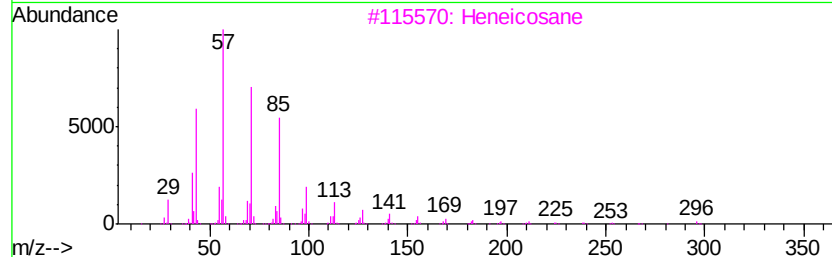
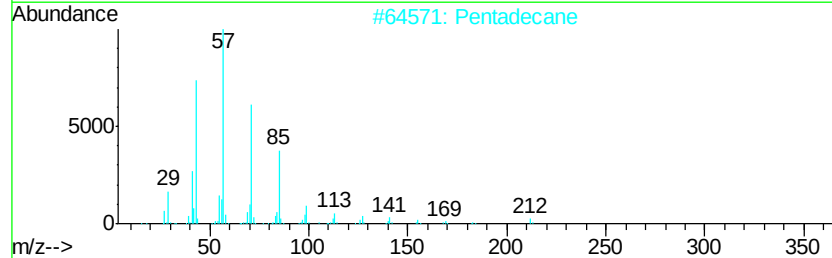
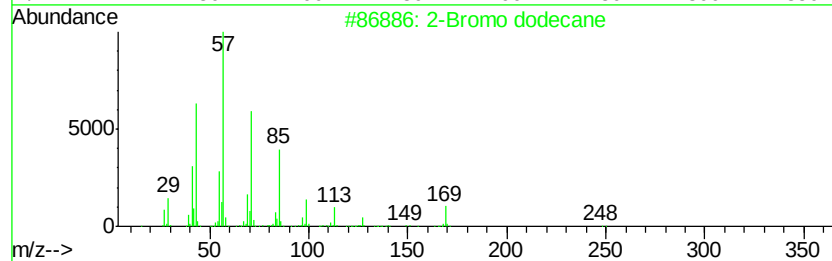
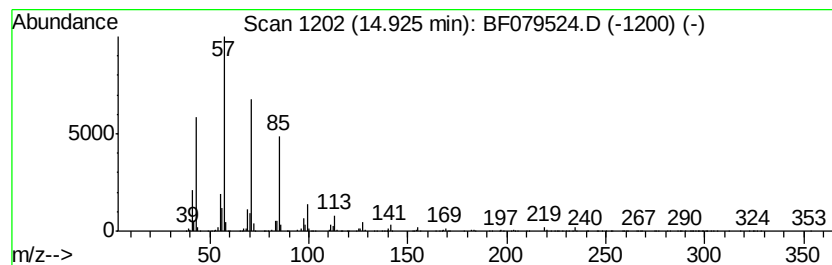
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	66.96 ng	2416650	Chrysene-d12	15.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079524.D
 Acq On : 27 May 2015 18:02
 Operator : TP/IZ
 Sample : G2309-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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
unknown6.72	6.72	64.8	ng	1600390	1	7.00	494254	20.0
3-Eicosene, (E)-	7.92	43.2	ng	1203150	2	8.58	556698	20.0
Undecane, 2,6-dim...	8.71	69.0	ng	1920610	2	8.58	556698	20.0
6-Dodecene, (E)-	8.84	66.9	ng	1863340	2	8.58	556698	20.0
Undecane, 2,4-dim...	9.02	45.0	ng	1253950	2	8.58	556698	20.0
Dodecane, 2-methyl-	9.10	41.1	ng	1144320	2	8.58	556698	20.0
Undecane, 6-ethyl-	9.15	145.2	ng	4042810	2	8.58	556698	20.0
7-Tetradecene	9.27	47.4	ng	1319770	2	8.58	556698	20.0
Nonane, 5-butyl-	9.37	208.0	ng	5789880	2	8.58	556698	20.0
Hexadecane	11.95	177.1	ng	11966900	4	12.59	1351300	20.0
Pentadecane	12.50	101.1	ng	6833630	4	12.59	1351300	20.0
Octadecane	12.54	43.0	ng	2907160	4	12.59	1351300	20.0
Heneicosane	13.04	95.6	ng	6457640	4	12.59	1351300	20.0
Eicosane	13.54	71.9	ng	4858210	4	12.59	1351300	20.0
Eicosane, 10-methyl-	14.02	63.5	ng	4288410	4	12.59	1351300	20.0
1-Iodo-2-methylun...	14.48	108.2	ng	3904290	5	15.86	721773	20.0
2-Bromo dodecane	14.93	67.0	ng	2416650	5	15.86	721773	20.0