

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096413.D
 Acq On : 2 Jul 2017 13:53
 Operator : SJ/MA
 Sample : I3950-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-4-6

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-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	479	484	494	rBV	511916	773739	12.36%	0.921%
2	5.351	549	555	558	rBV	3513336	4060239	64.88%	4.835%
3	6.275	709	712	715	rBV	156609	130280	2.08%	0.155%
4	6.334	718	722	724	rBV2	173891	166643	2.66%	0.198%
5	6.375	724	729	732	rVB	3715718	4422128	70.67%	5.266%
6	6.504	745	751	754	rBV	3888143	4339740	69.35%	5.168%
7	6.581	761	764	770	rVB	747633	697557	11.15%	0.831%
8	6.734	785	790	793	rBV	1404788	1153928	18.44%	1.374%
9	6.763	793	795	798	rVB	148388	107398	1.72%	0.128%
10	6.804	798	802	806	rBV	129493	157771	2.52%	0.188%
11	6.892	813	817	820	rVB	3359107	3080612	49.23%	3.669%
12	7.028	835	840	842	rBV	223061	197036	3.15%	0.235%
13	7.051	842	844	847	rVB	224915	193355	3.09%	0.230%
14	7.087	847	850	855	rBV	375707	323112	5.16%	0.385%
15	7.134	855	858	862	rBV	368596	322336	5.15%	0.384%
16	7.298	876	886	888	rBV	2656152	2844068	45.45%	3.387%
17	7.345	888	894	897	rBV	1734435	1460504	23.34%	1.739%
18	7.381	897	900	905	rVB4	103364	142996	2.29%	0.170%
19	7.457	905	913	917	rBV2	134598	248659	3.97%	0.296%
20	7.504	917	921	923	rBV	76853	96243	1.54%	0.115%
21	7.545	926	928	932	rVB	186147	176552	2.82%	0.210%
22	7.645	938	945	946	rBV3	146617	207774	3.32%	0.247%
23	7.675	946	950	952	rVB3	116839	155189	2.48%	0.185%
24	7.716	952	957	960	rBV2	497767	626189	10.01%	0.746%
25	7.751	960	963	965	rVB	402459	350414	5.60%	0.417%
26	7.781	965	968	971	rBV	801209	728809	11.65%	0.868%
27	7.828	971	976	978	rBV	682751	566434	9.05%	0.675%
28	7.851	978	980	984	rVB2	95901	100352	1.60%	0.120%
29	7.928	989	993	996	rBV3	148641	181450	2.90%	0.216%
30	7.963	996	999	1000	rBV2	140320	115503	1.85%	0.138%
31	7.981	1000	1002	1004	rBV	165722	121349	1.94%	0.145%
32	8.016	1004	1008	1013	rVB	4916957	5029457	80.37%	5.990%
33	8.075	1016	1018	1019	rBV	265011	182747	2.92%	0.218%
34	8.098	1019	1022	1024	rVB	996359	870921	13.92%	1.037%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.122	1024	1026	1029	rBV	461465	466036	7.45%	0.555%
36	8.145	1029	1030	1034	rVB	395473	307887	4.92%	0.367%
37	8.192	1034	1038	1041	rBV	393395	446025	7.13%	0.531%
38	8.234	1041	1045	1046	rBV	338854	356998	5.71%	0.425%
39	8.257	1047	1049	1053	rVB2	346795	405252	6.48%	0.483%
40	8.334	1053	1062	1063	rBV2	1259454	2124510	33.95%	2.530%
41	8.375	1067	1069	1072	rVB	1203636	933822	14.92%	1.112%
42	8.410	1072	1075	1078	rVB	1984613	1650017	26.37%	1.965%
43	8.451	1078	1082	1087	rBV	2062302	2491688	39.82%	2.967%
44	8.569	1099	1102	1104	rBV2	203606	222818	3.56%	0.265%
45	8.628	1107	1112	1115	rVV	5497773	6257624	100.00%	7.452%
46	8.686	1115	1122	1125	rVV3	660130	1610954	25.74%	1.919%
47	8.716	1125	1127	1130	rVV2	887881	1004079	16.05%	1.196%
48	8.751	1130	1133	1136	rVV	366590	414532	6.62%	0.494%
49	8.781	1136	1138	1142	rVV2	320679	511518	8.17%	0.609%
50	8.822	1142	1145	1150	rVV3	401438	683877	10.93%	0.814%
51	8.886	1153	1156	1157	rVV2	219094	241841	3.86%	0.288%
52	8.904	1157	1159	1161	rVV	1233338	1195381	19.10%	1.424%
53	8.922	1161	1162	1166	rVV2	967123	1173642	18.76%	1.398%
54	8.951	1166	1167	1170	rVV	824894	664792	10.62%	0.792%
55	8.986	1170	1173	1177	rVV	1247309	1190663	19.03%	1.418%
56	9.028	1177	1180	1182	rVV	1089275	941395	15.04%	1.121%
57	9.051	1182	1184	1187	rVV	771281	695768	11.12%	0.829%
58	9.092	1187	1191	1195	rVV	3324205	3514784	56.17%	4.186%
59	9.133	1195	1198	1202	rVV3	172672	259313	4.14%	0.309%
60	9.186	1203	1207	1211	rVV	3352994	3379286	54.00%	4.024%
61	9.228	1212	1214	1219	rVV	319165	559366	8.94%	0.666%
62	9.304	1223	1227	1229	rVB2	148431	189398	3.03%	0.226%
63	9.345	1229	1234	1237	rBV4	121739	194811	3.11%	0.232%
64	9.439	1246	1250	1252	rVV	291774	374475	5.98%	0.446%
65	9.463	1252	1254	1255	rVV	218401	174080	2.78%	0.207%
66	9.486	1255	1258	1260	rVV	706243	745109	11.91%	0.887%
67	9.528	1263	1265	1269	rVV	226367	200319	3.20%	0.239%
68	9.563	1269	1271	1274	rVB	185721	126387	2.02%	0.151%
69	9.716	1294	1297	1300	rVB	590285	508988	8.13%	0.606%
70	9.769	1301	1306	1309	rBV	1334944	1217726	19.46%	1.450%
71	9.798	1309	1311	1313	rVB	138694	96156	1.54%	0.115%

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72	9.969	1338	1340	1343	rVB2	149687	124814	1.99%	0.149%
73	10.210	1378	1381	1384	rVB	189410	152944	2.44%	0.182%
74	10.551	1435	1439	1442	rBV	2018294	1845065	29.49%	2.197%
75	10.680	1458	1461	1468	rBV	211576	240681	3.85%	0.287%
76	11.133	1534	1538	1541	rBV2	124367	155641	2.49%	0.185%
77	11.245	1553	1557	1559	rBV	1046566	933375	14.92%	1.112%
78	11.269	1559	1561	1564	rVV	983605	730063	11.67%	0.869%
79	11.316	1564	1569	1572	rVB	172836	165213	2.64%	0.197%
80	11.786	1644	1649	1652	rBV2	385979	394103	6.30%	0.469%
81	11.857	1657	1661	1663	rBV	156687	170245	2.72%	0.203%
82	12.039	1689	1692	1699	rVB2	110350	154650	2.47%	0.184%
83	12.116	1702	1705	1710	rVV3	61946	96547	1.54%	0.115%
84	12.451	1759	1762	1766	rVB	839829	733565	11.72%	0.874%
85	12.492	1766	1769	1779	rBV5	93987	185211	2.96%	0.221%
86	12.569	1779	1782	1784	rBV2	188076	172861	2.76%	0.206%
87	12.680	1795	1801	1804	rBV	642664	666229	10.65%	0.793%
88	12.798	1818	1821	1823	rBV	132750	121062	1.93%	0.144%
89	12.827	1823	1826	1830	rVV	1916847	1988461	31.78%	2.368%
90	13.074	1865	1868	1871	rBV2	120710	111699	1.79%	0.133%
91	13.110	1872	1874	1881	rVB5	92736	117837	1.88%	0.140%
92	13.198	1887	1889	1893	rVB	90242	98391	1.57%	0.117%
93	13.316	1906	1909	1914	rVB	278929	289904	4.63%	0.345%
94	13.733	1977	1980	1984	rVB	195857	226229	3.62%	0.269%
95	13.874	1999	2004	2006	rBV2	861785	1001939	16.01%	1.193%
96	13.898	2006	2008	2011	rVB	267843	202895	3.24%	0.242%
97	14.880	2173	2175	2177	rBV	151147	162524	2.60%	0.194%
98	15.168	2221	2224	2230	rVB2	165073	198508	3.17%	0.236%
99	15.227	2231	2234	2237	rVB	201366	197295	3.15%	0.235%
100	15.286	2241	2244	2248	rVB	441490	468685	7.49%	0.558%

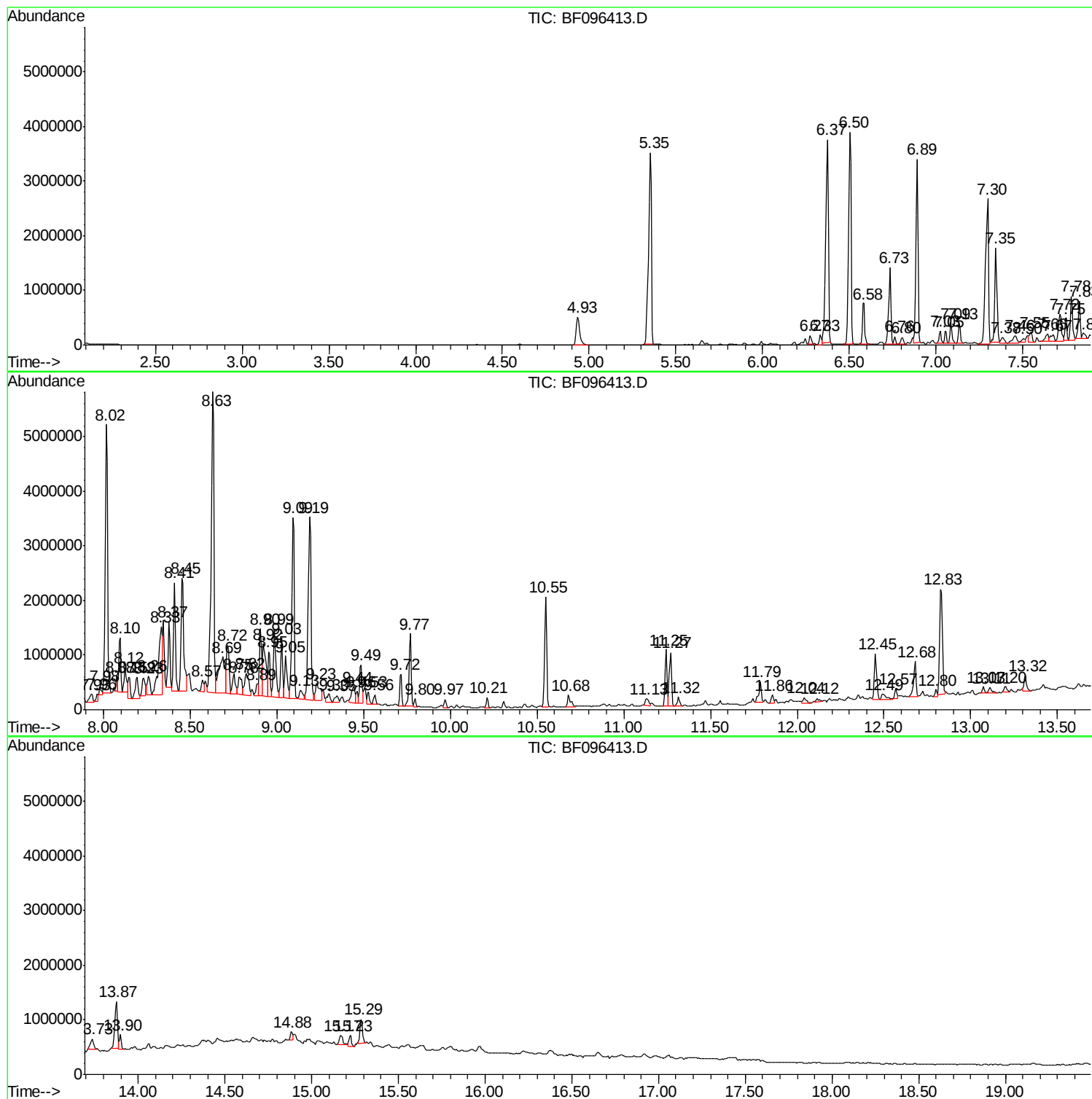
Sum of corrected areas: 83969437

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Instrument :
BNA_F
ClientSampled :
B4-4-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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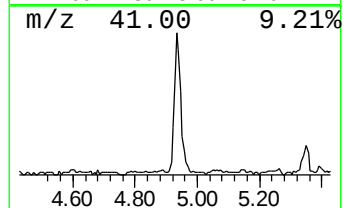
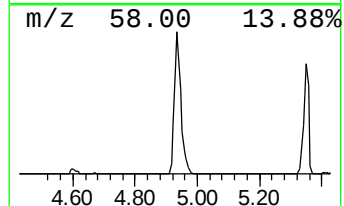
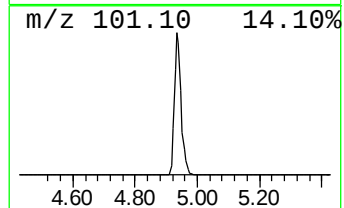
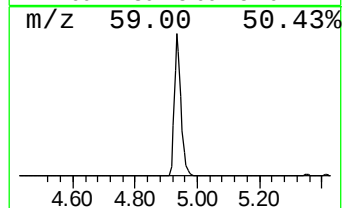
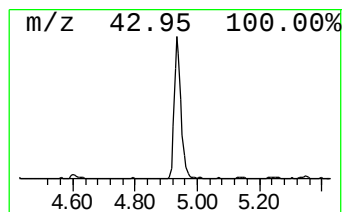
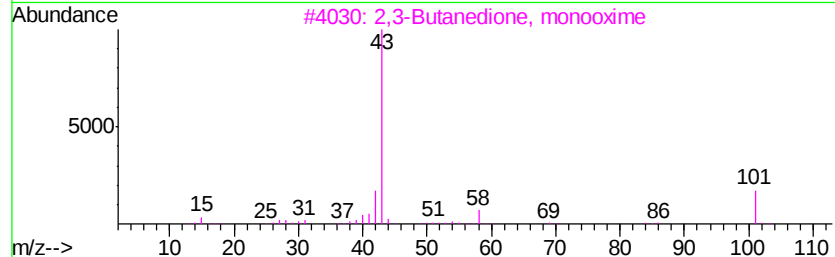
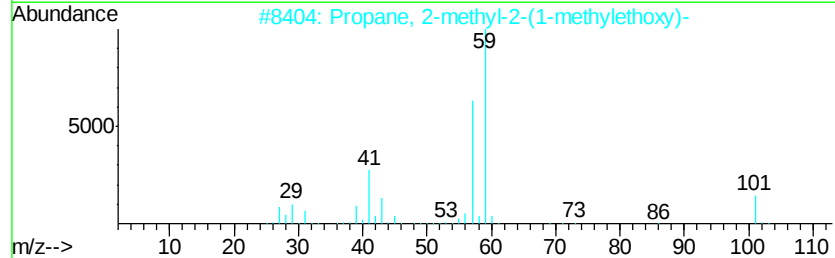
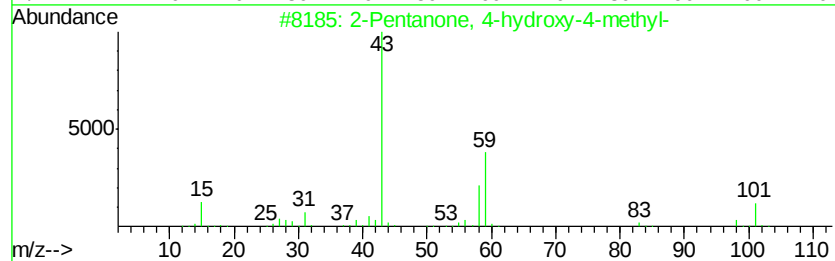
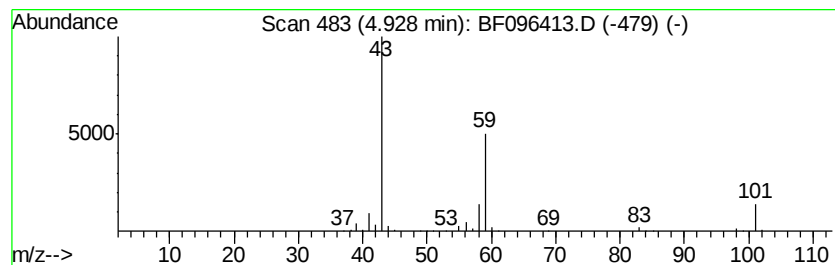
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	13.41 ng	773739	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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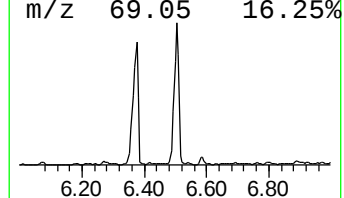
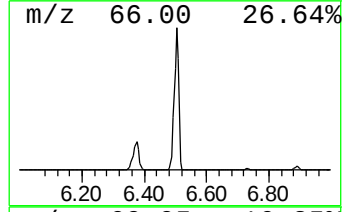
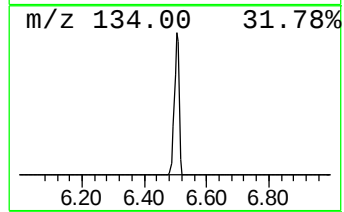
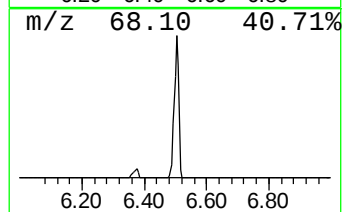
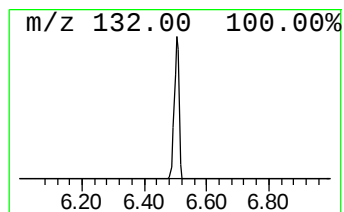
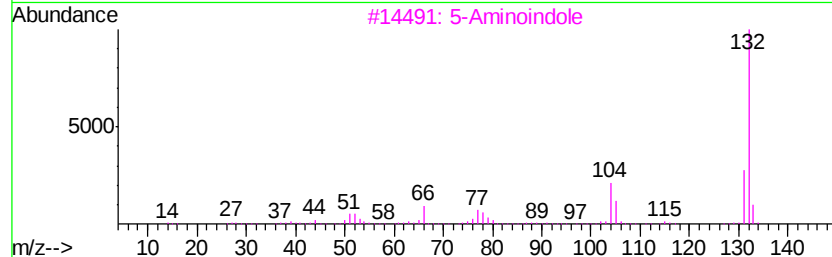
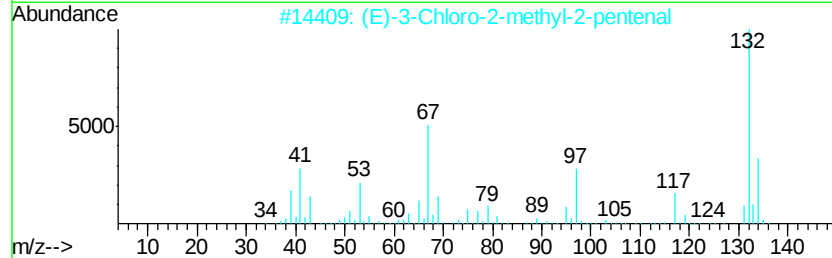
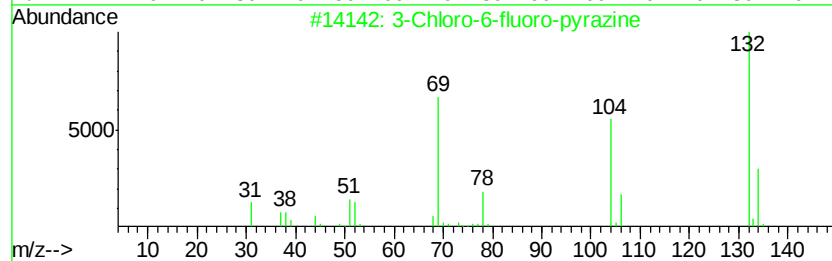
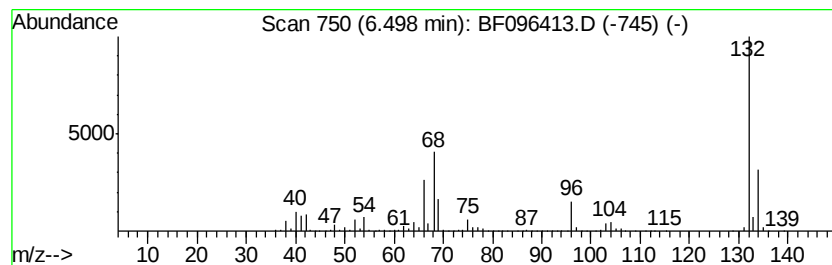
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	75.22 ng	4339740	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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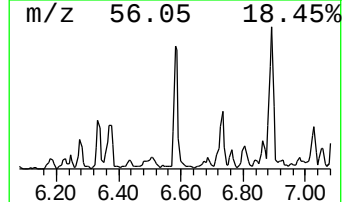
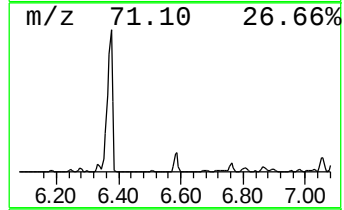
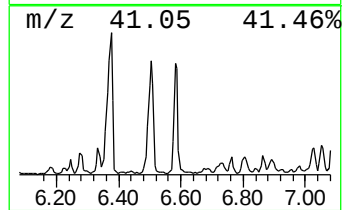
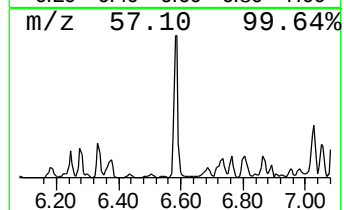
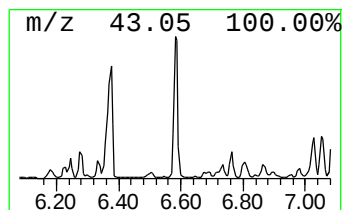
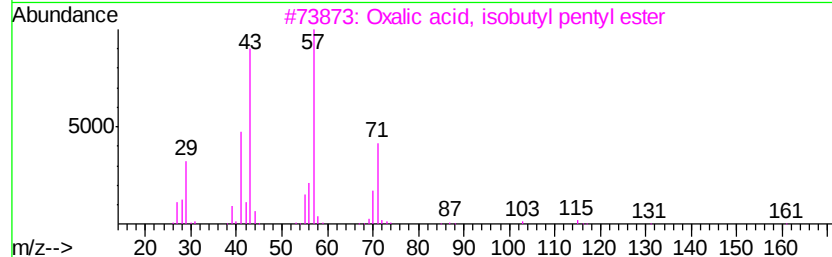
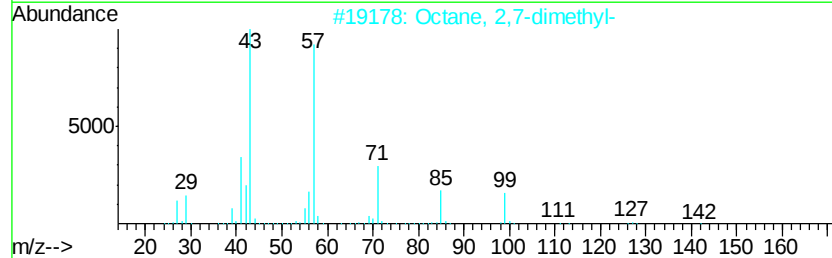
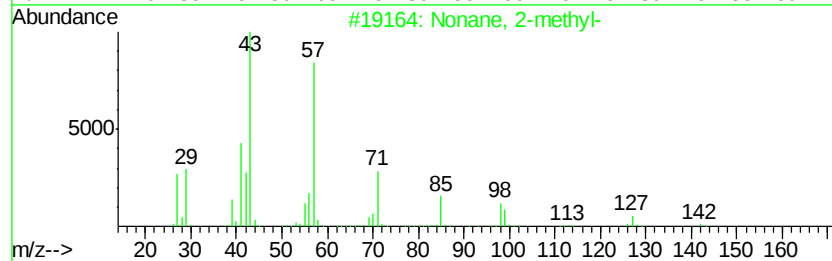
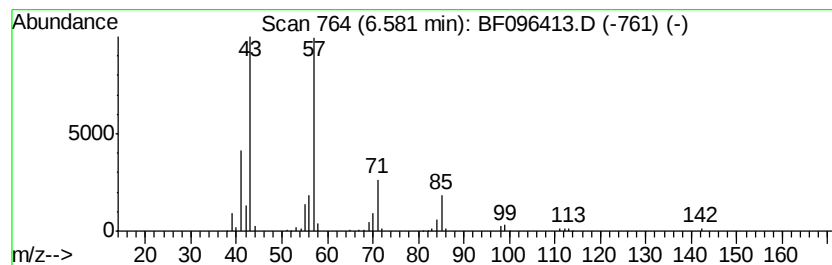
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	12.09 ng	697557	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	80
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
3		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
Sample : I3950-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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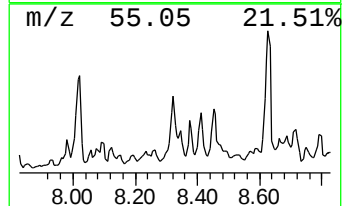
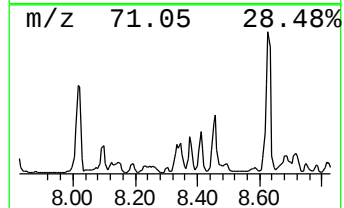
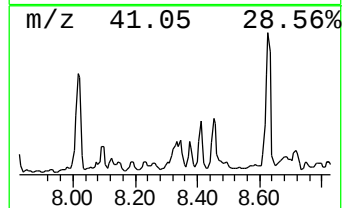
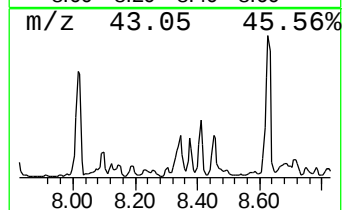
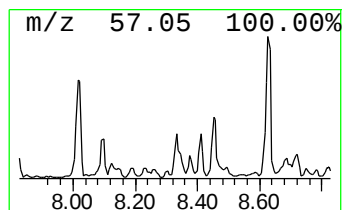
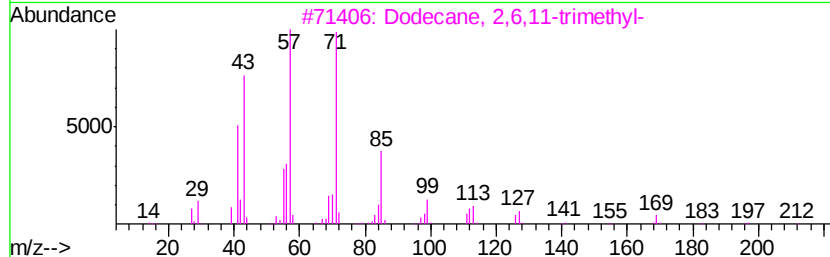
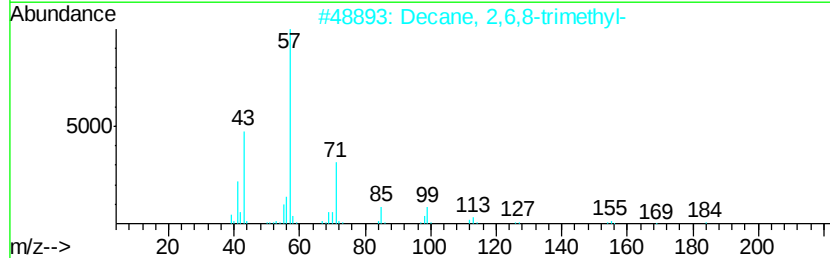
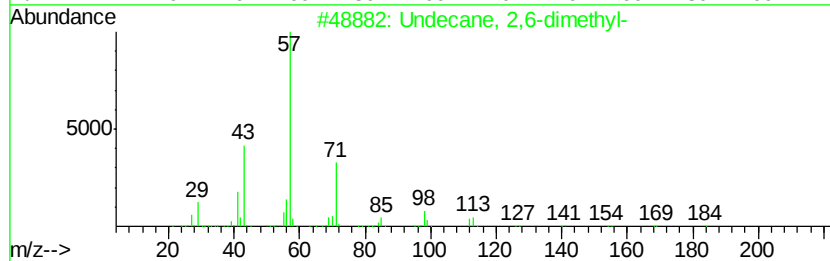
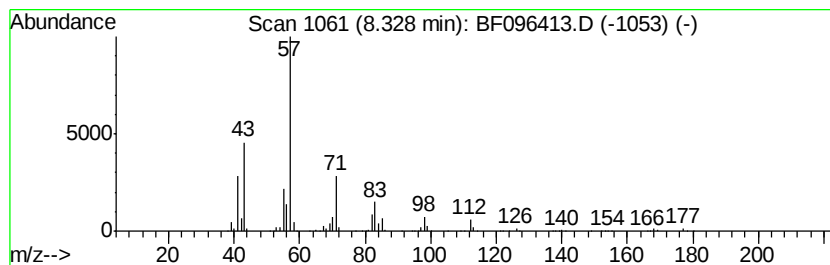
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	8.45 ng	2124510	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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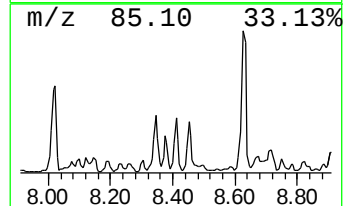
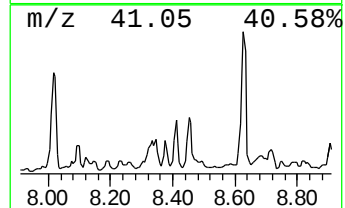
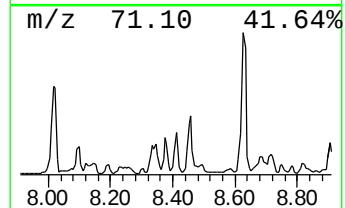
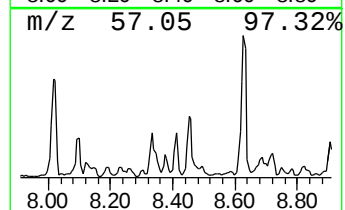
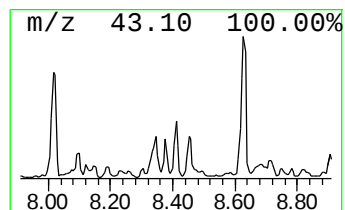
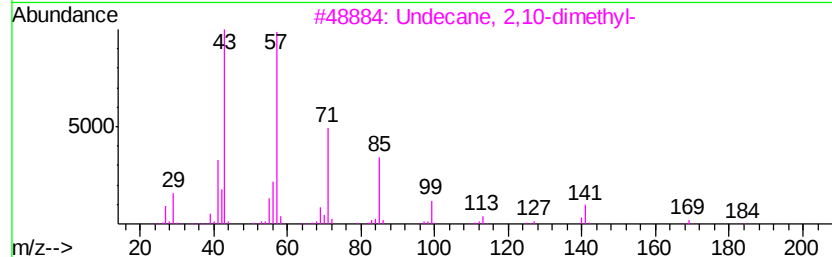
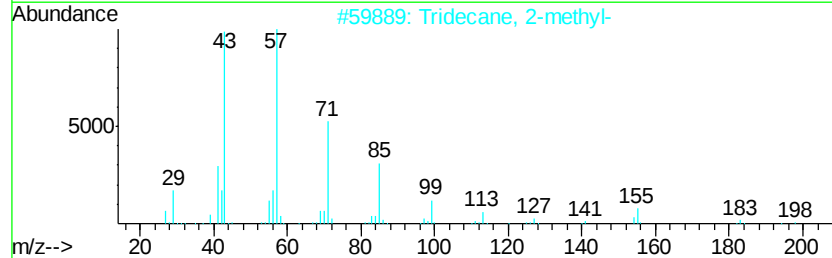
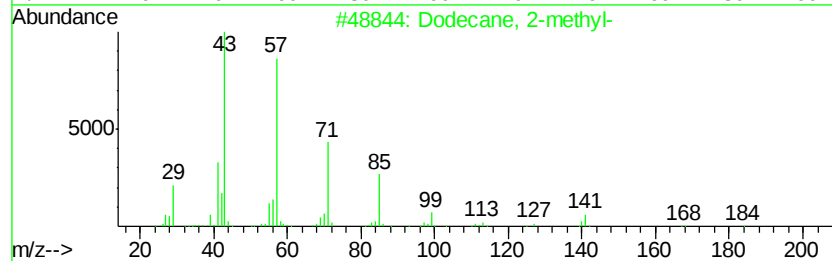
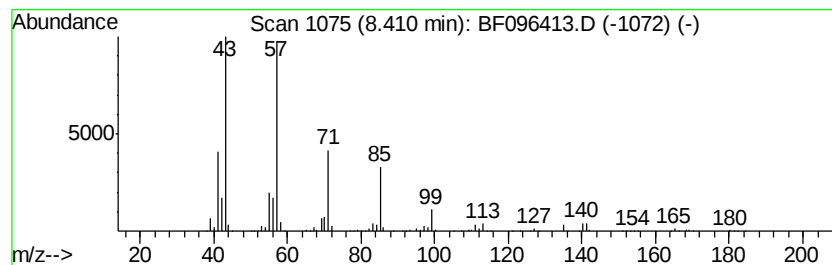
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.41	6.56 ng	1650020	Napthalene-d8	8.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
Sample : I3950-03
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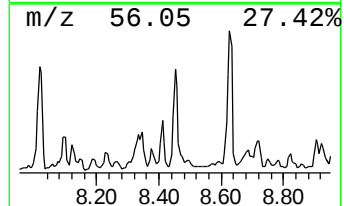
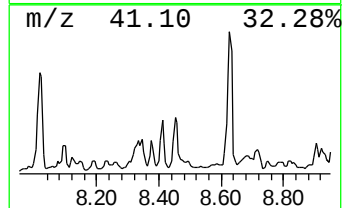
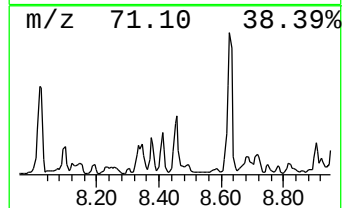
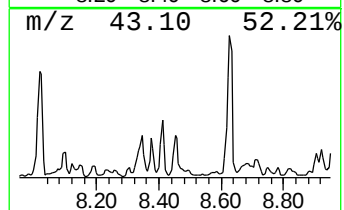
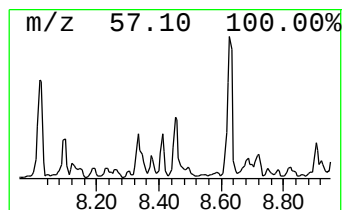
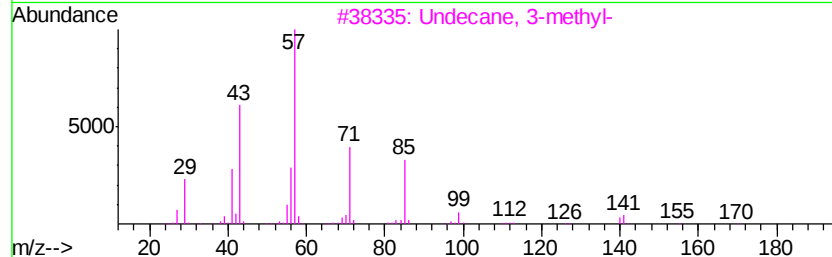
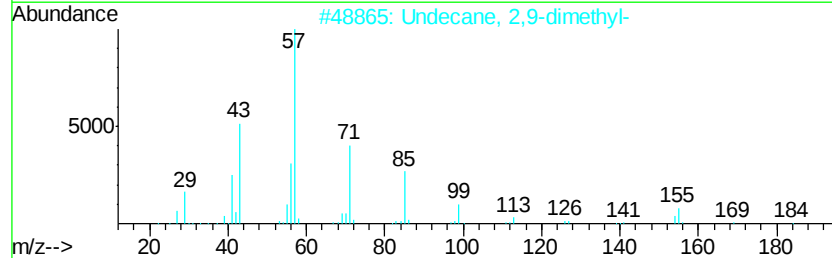
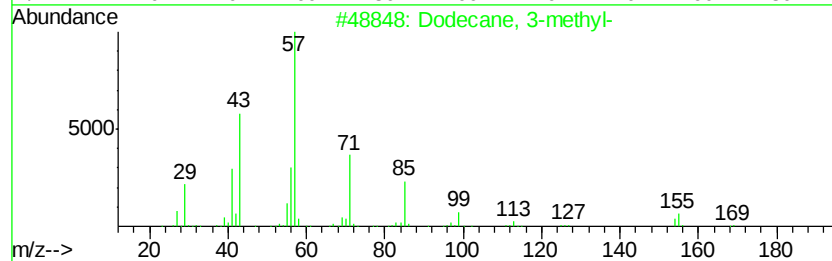
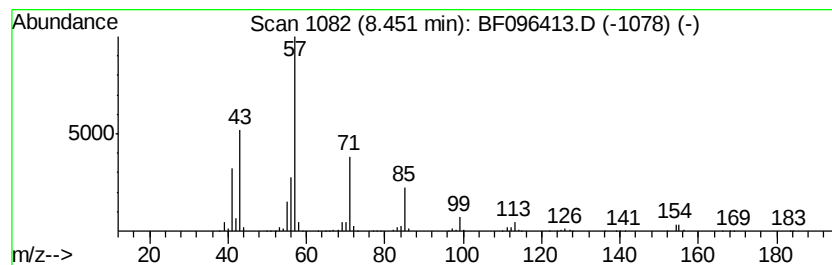
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.45	9.91 ng	2491690	Napthalene-d8	8.02	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184 C13H28	017312-57-1	86	
2	Undecane, 2,9-dimethyl-	184 C13H28	017301-26-7	83	
3	Undecane, 3-methyl-	170 C12H26	001002-43-3	80	
4	Tridecane, 6-methyl-	198 C14H30	013287-21-3	59	
5	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	53	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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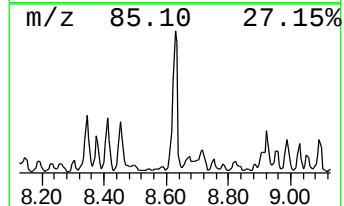
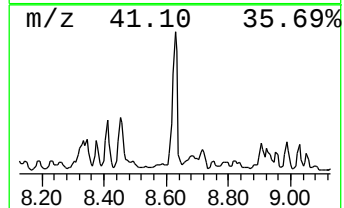
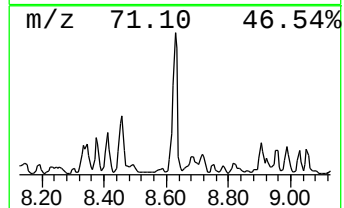
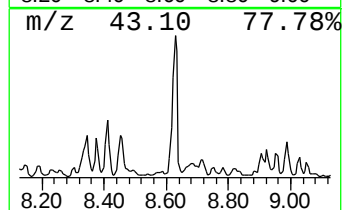
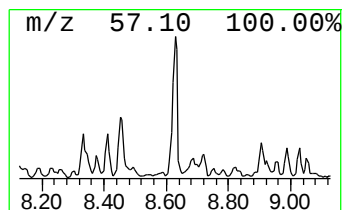
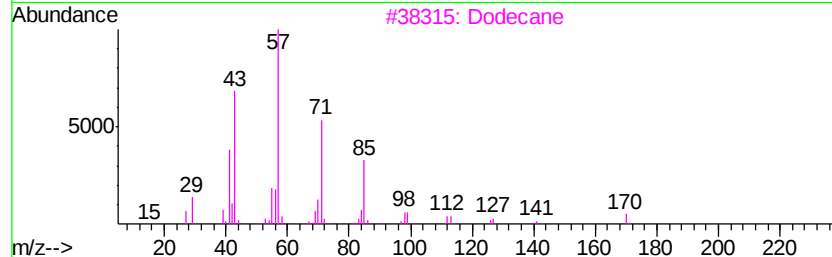
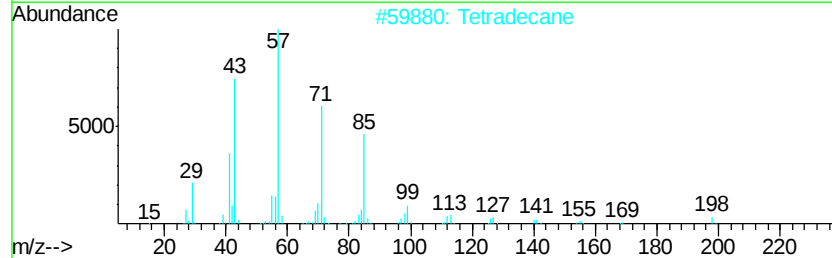
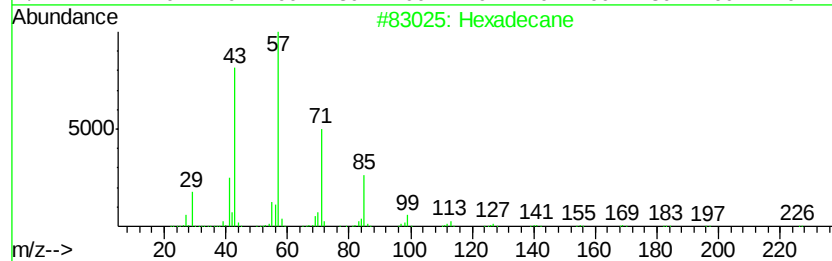
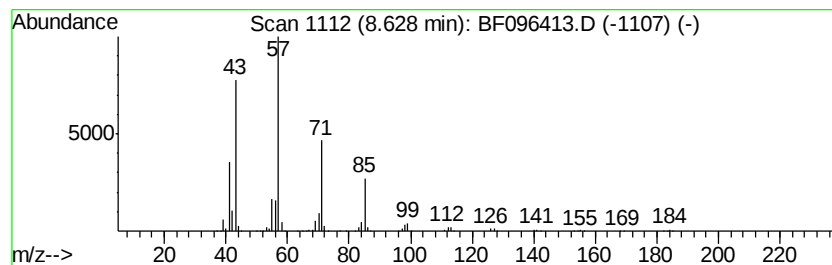
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	24.88 ng	6257620	Naphthalene-d8	8.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Tetradecane		198	C14H30	000629-59-4	83
3	Dodecane		170	C12H26	000112-40-3	80
4	Tridecane		184	C13H28	000629-50-5	78
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
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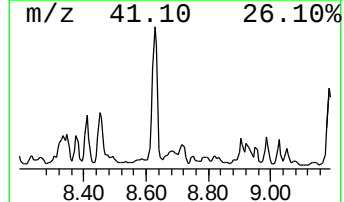
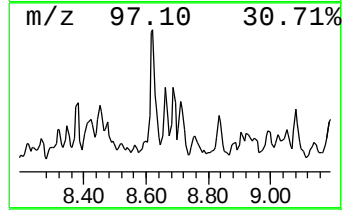
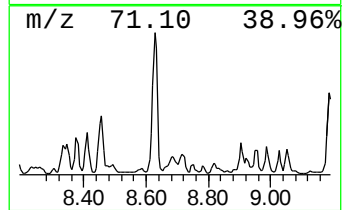
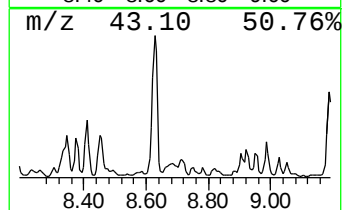
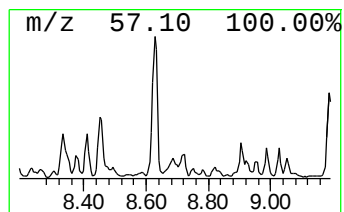
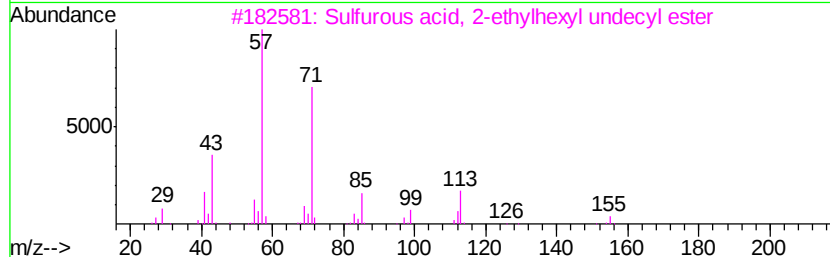
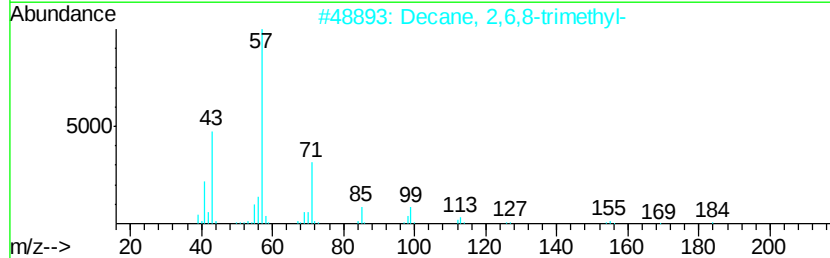
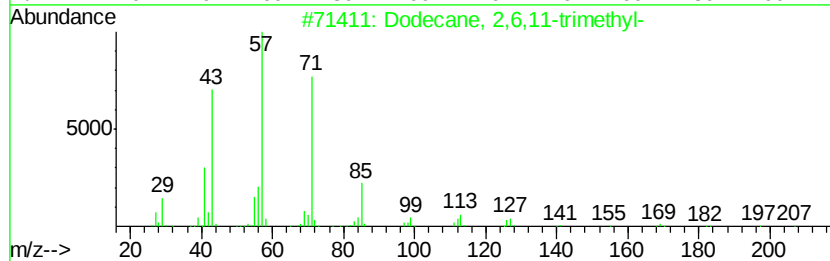
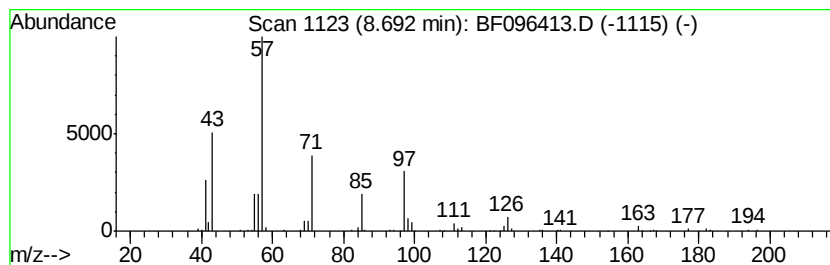
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	6.41 ng	1610950	Napthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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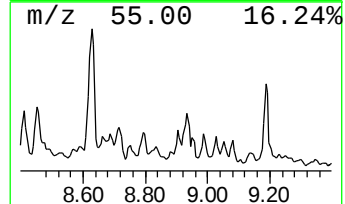
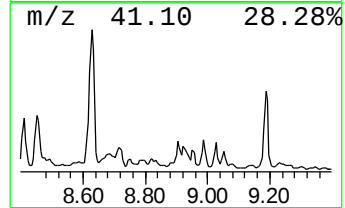
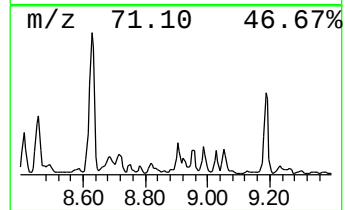
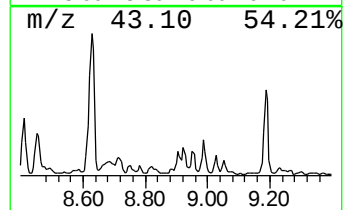
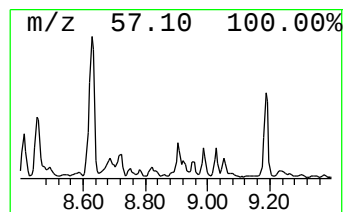
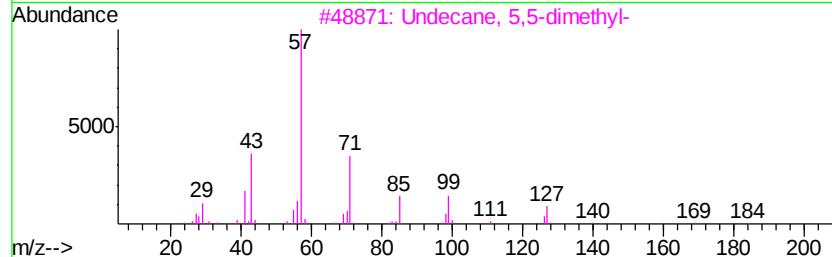
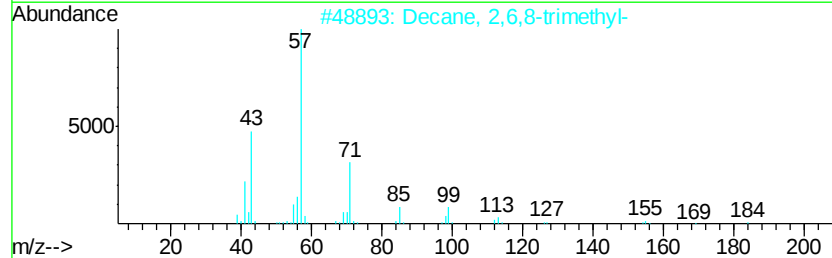
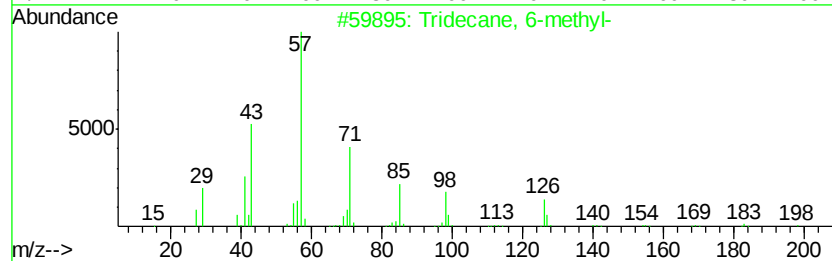
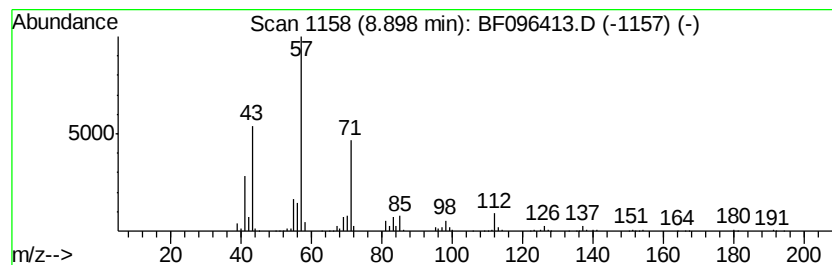
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	19.63 ng	1195380	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	72
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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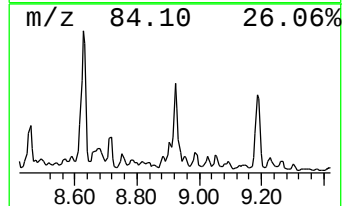
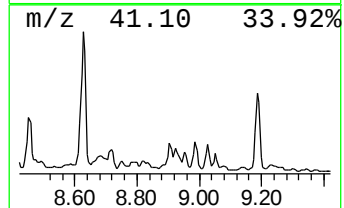
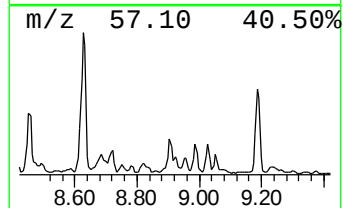
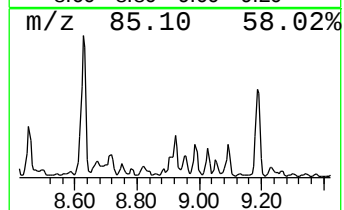
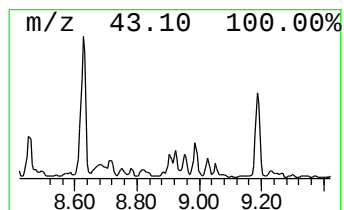
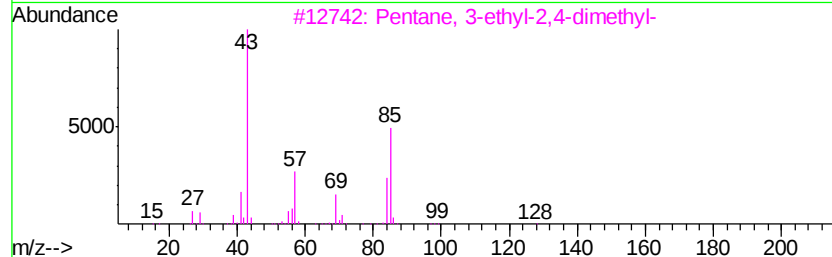
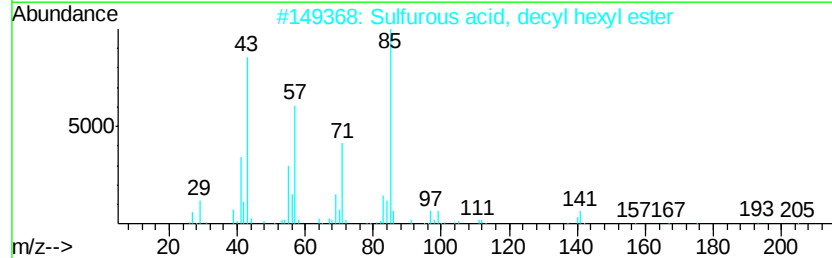
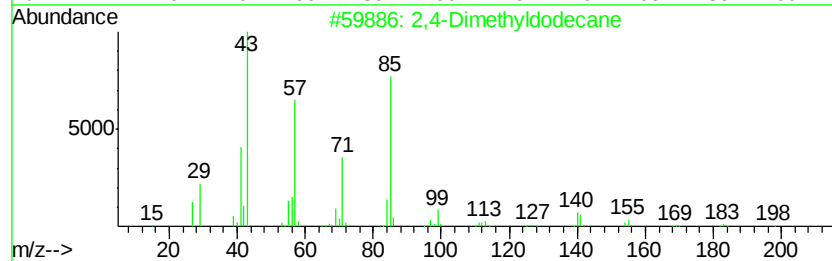
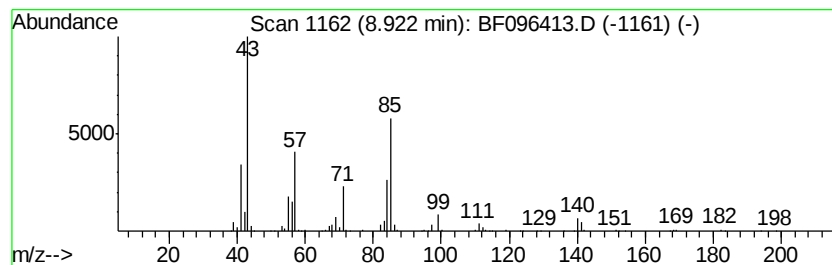
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2,4-Dimethyldodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	19.28 ng	1173640	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethyldodecane	198	C14H30	006117-99-3	87
2		Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	59
3		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
Sample : I3950-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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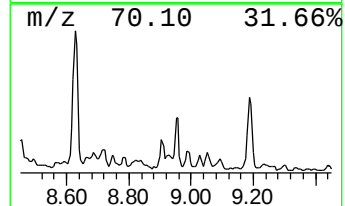
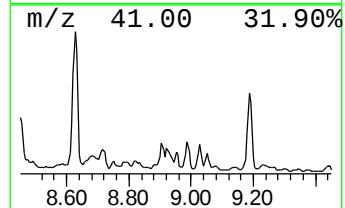
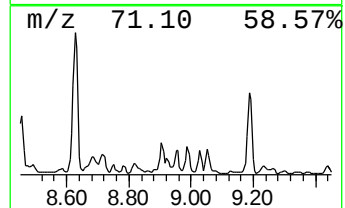
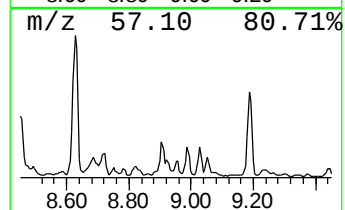
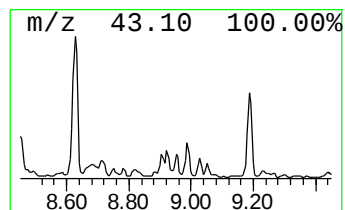
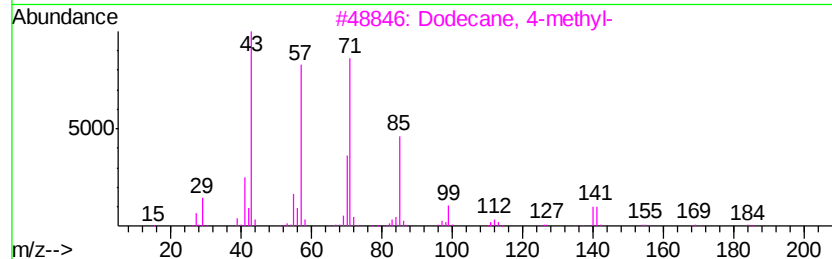
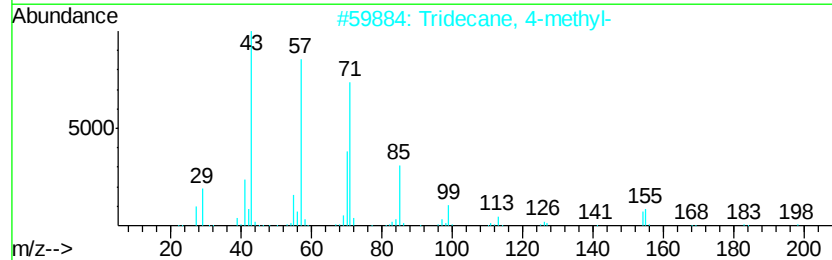
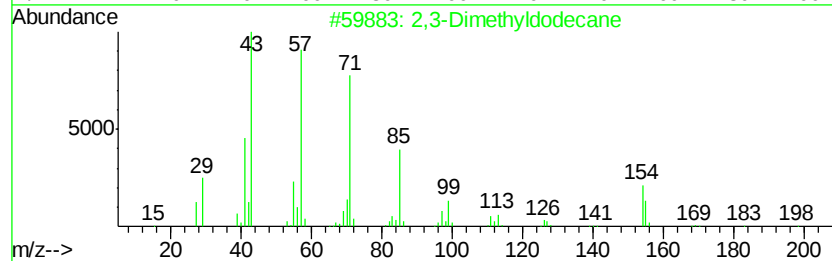
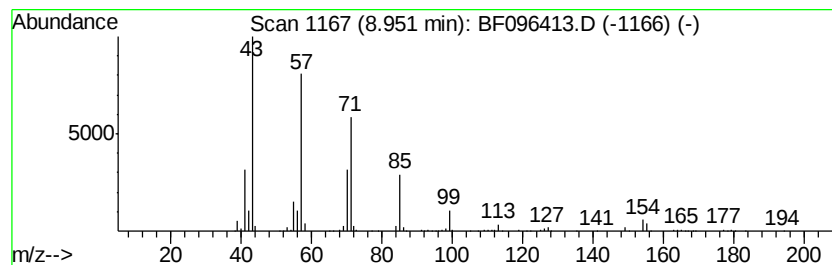
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2,3-Dimethyldodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	10.92 ng	664792	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyldodecane	198	C14H30	006117-98-2	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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ClientSampleId :
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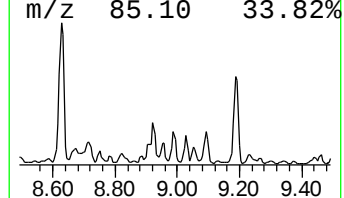
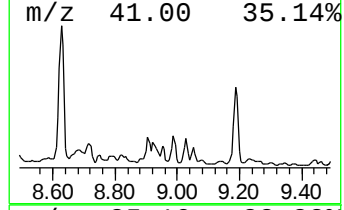
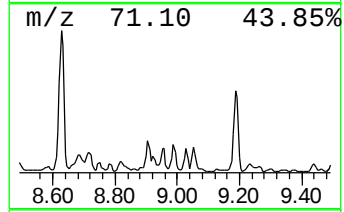
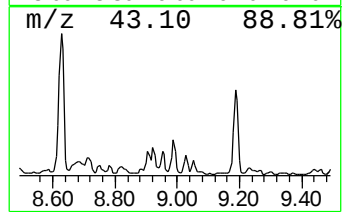
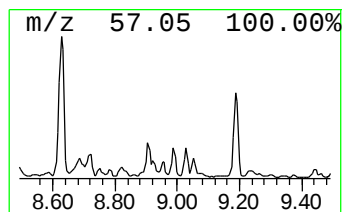
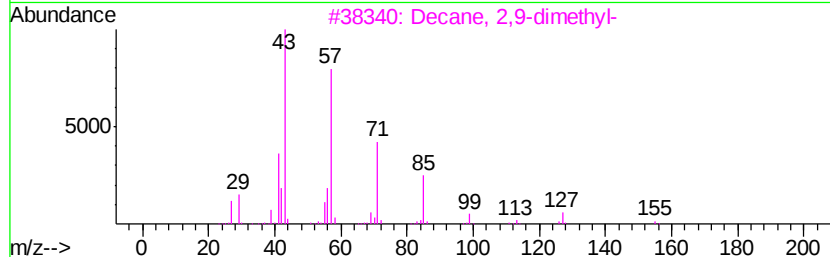
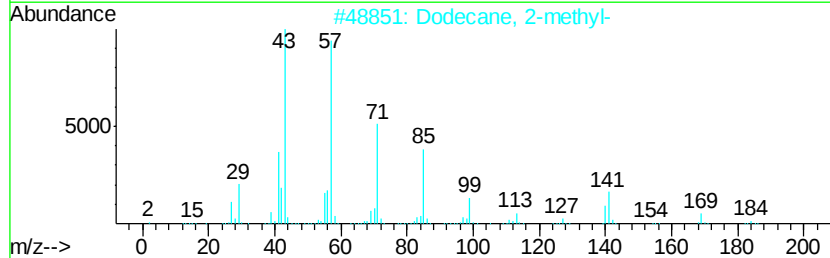
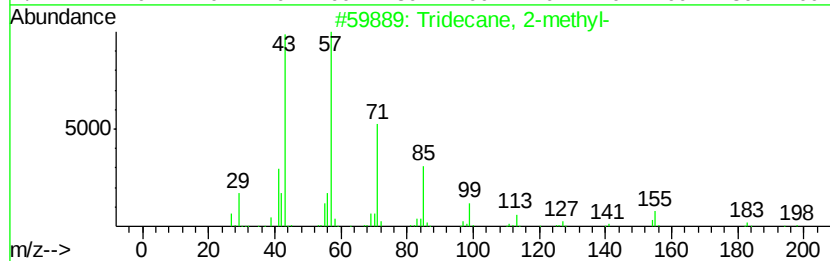
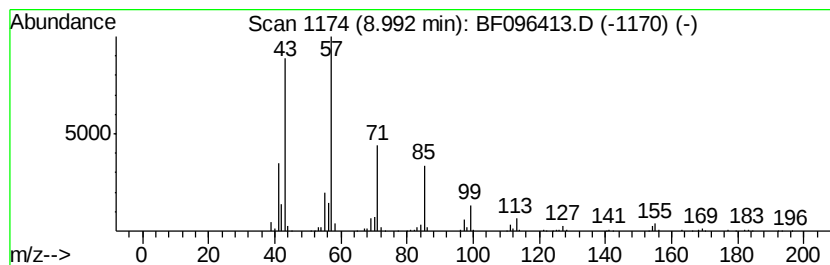
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	19.56 ng	1190660	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5	Decane, 2-methyl-	156	C11H24	006975-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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Misc :
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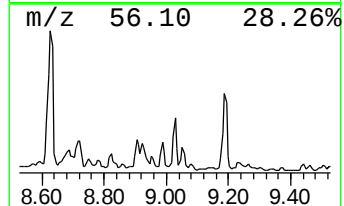
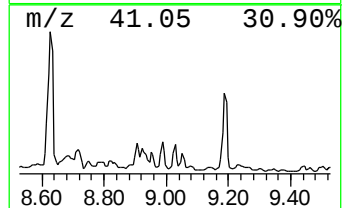
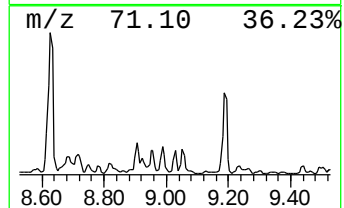
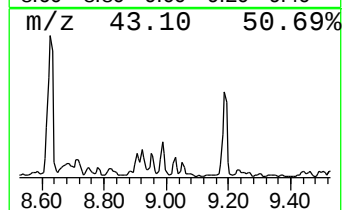
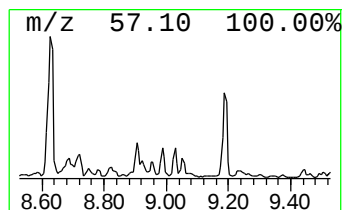
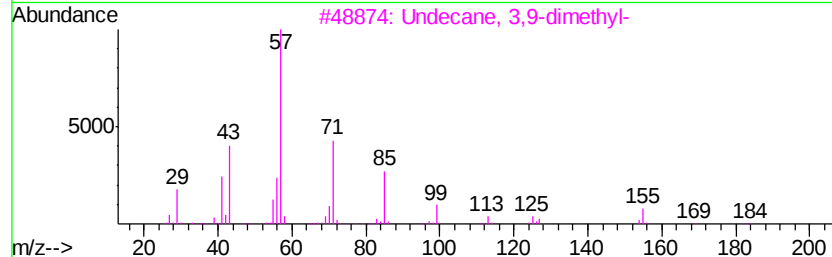
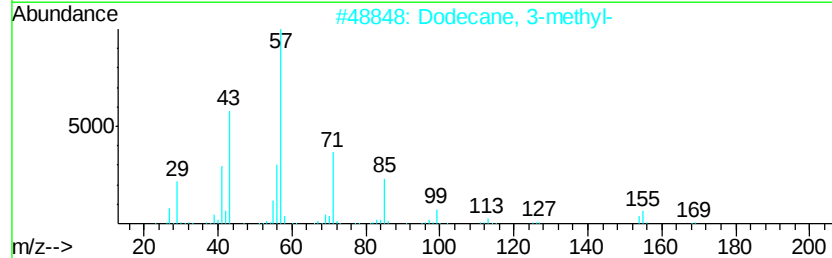
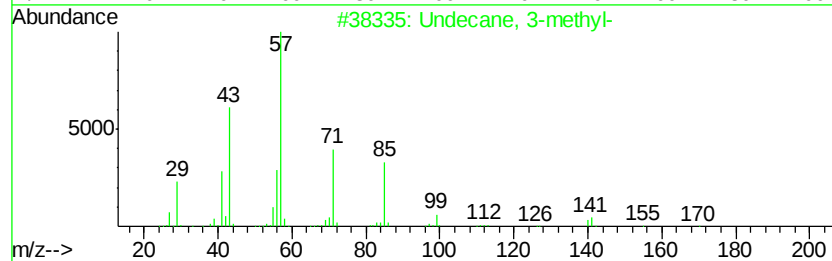
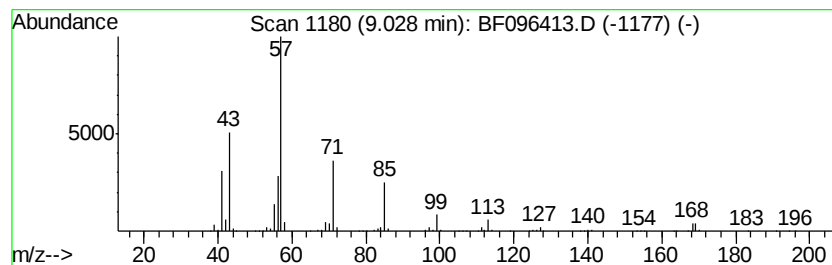
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	15.46 ng	941395	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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Misc :
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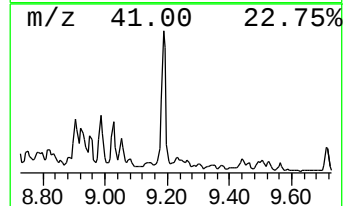
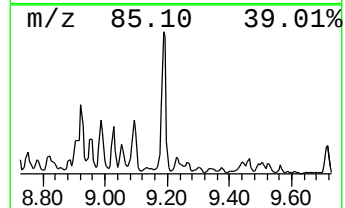
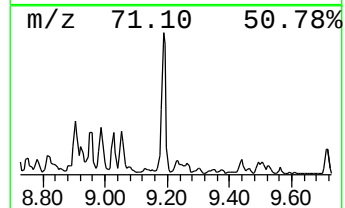
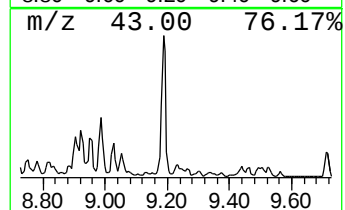
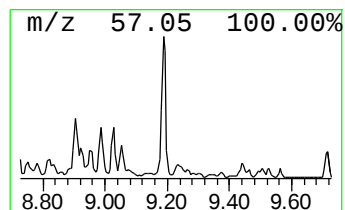
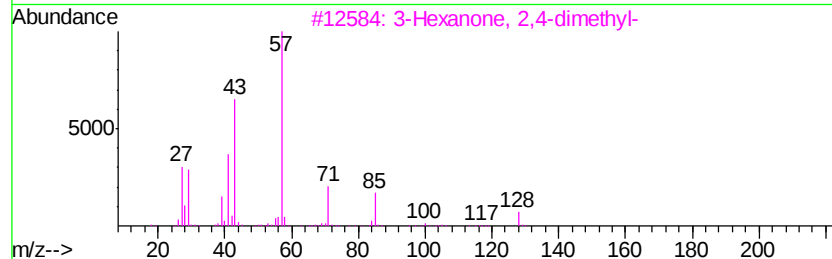
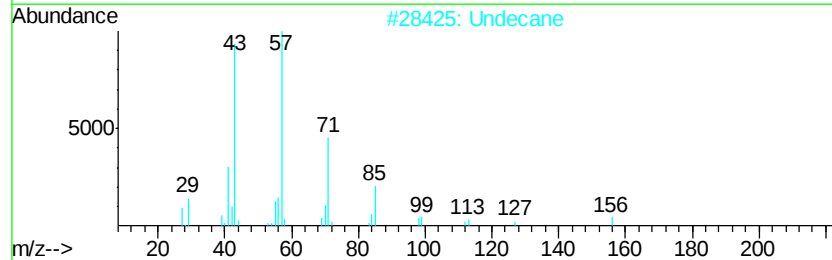
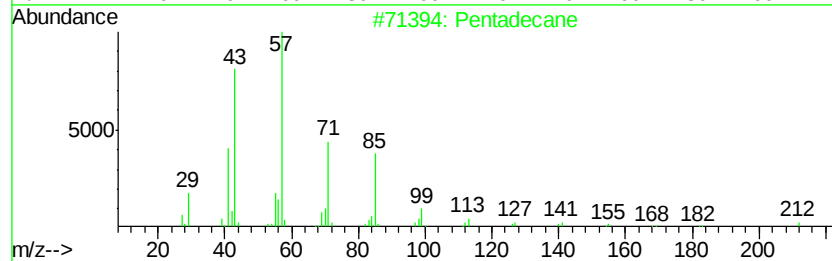
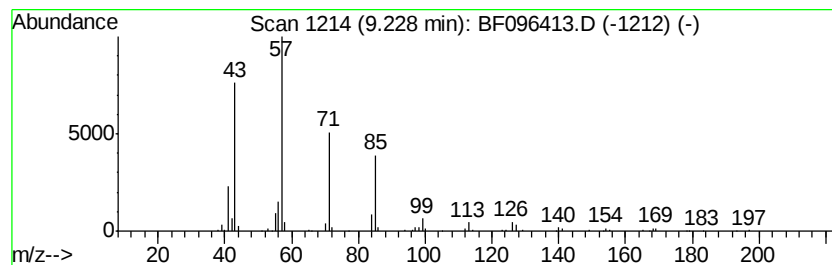
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	9.19 ng	559366	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	78
2		Undecane	156	C11H24	001120-21-4	64
3		3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	59
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
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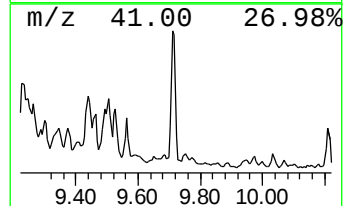
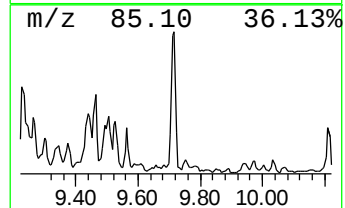
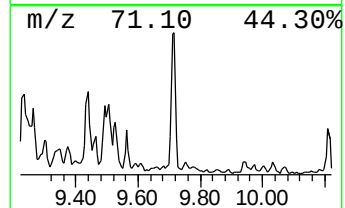
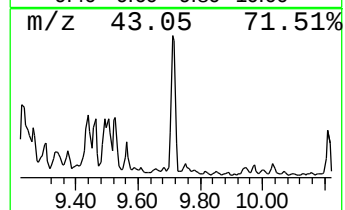
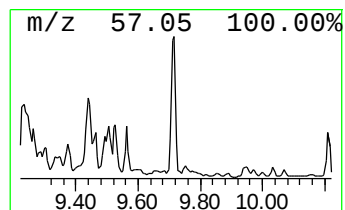
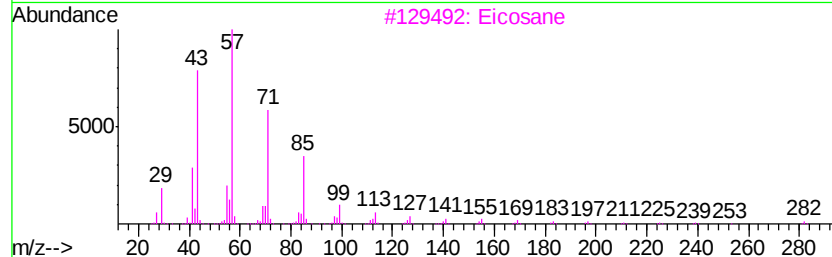
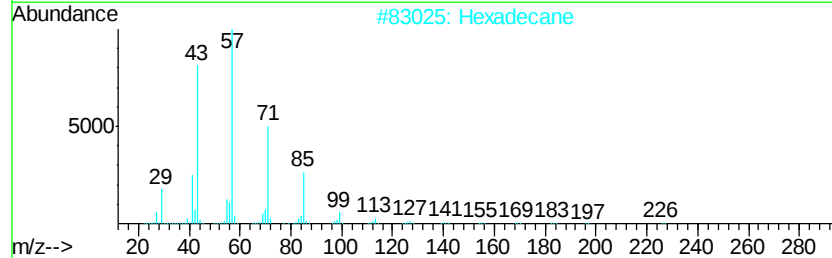
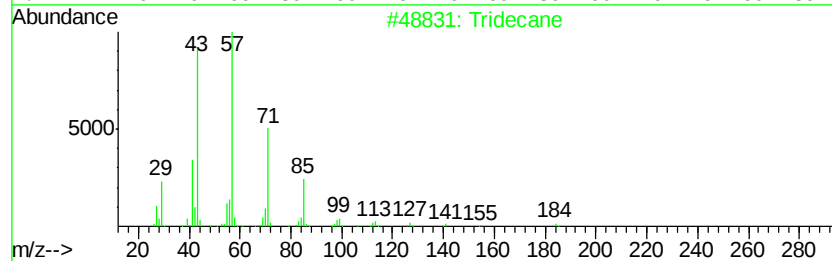
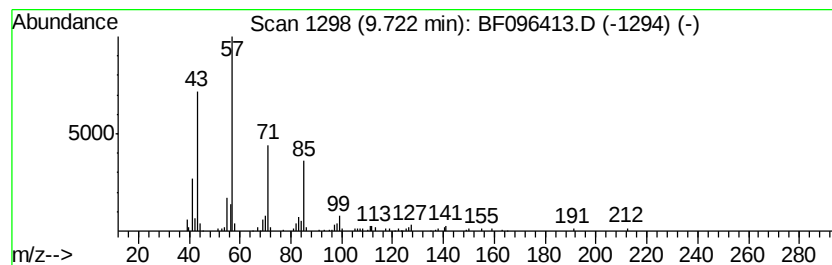
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	8.36 ng	508988	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Eicosane	282	C20H42	000112-95-8	80
4			Undecane	156	C11H24	001120-21-4	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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Acq On : 2 Jul 2017 13:53
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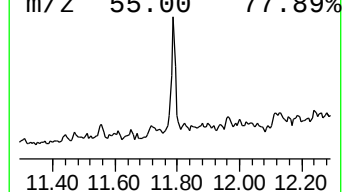
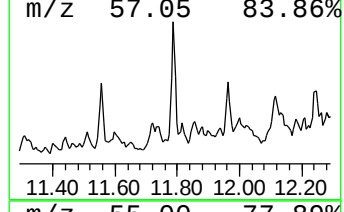
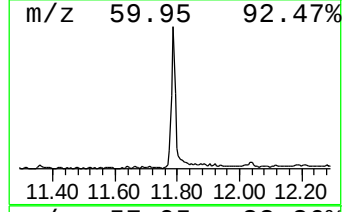
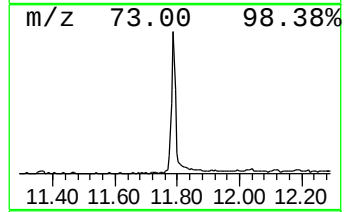
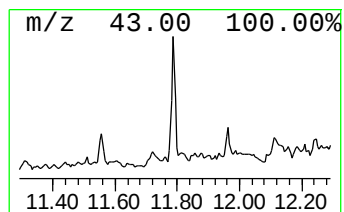
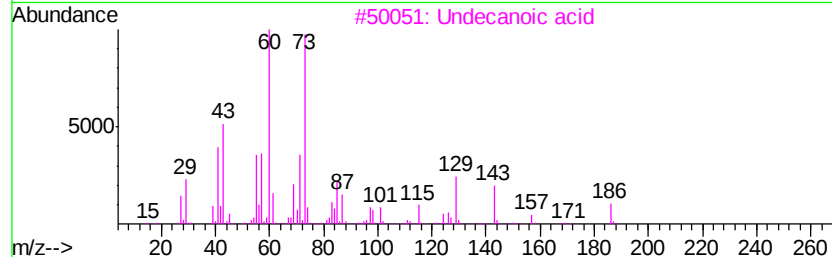
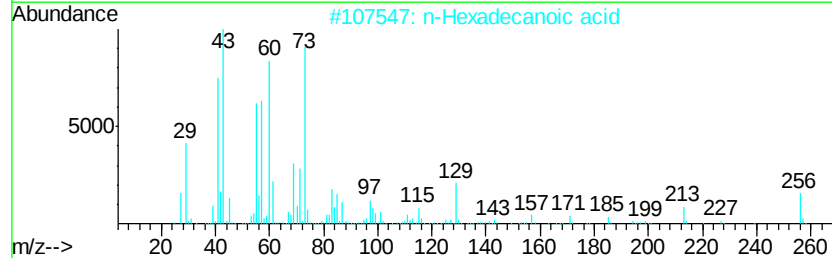
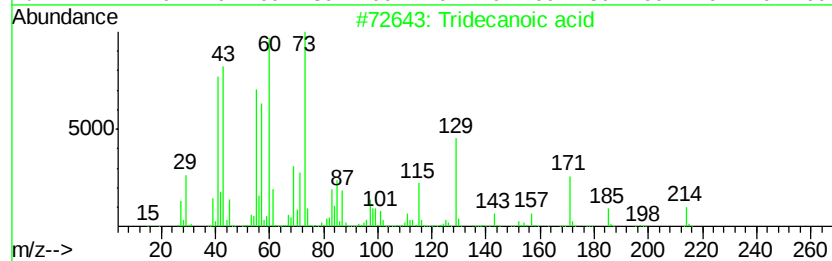
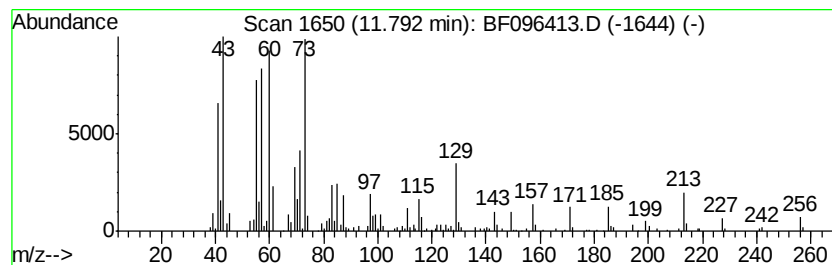
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.44 ng	394103	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Undecanoic acid	186	C11H22O2	000112-37-8	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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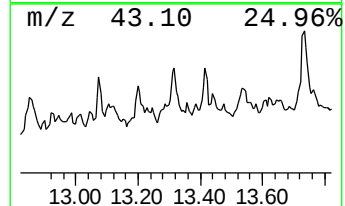
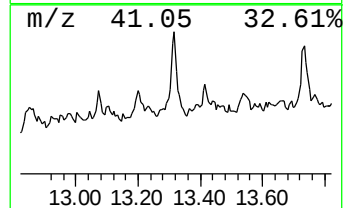
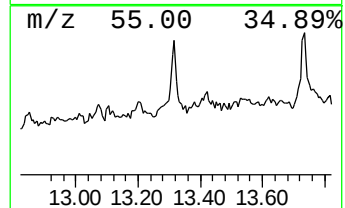
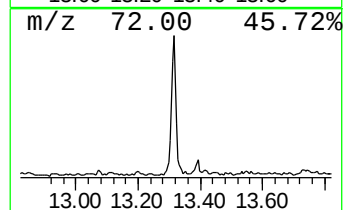
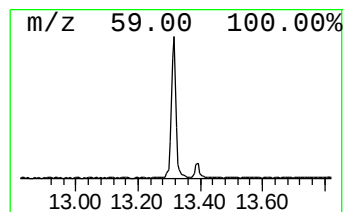
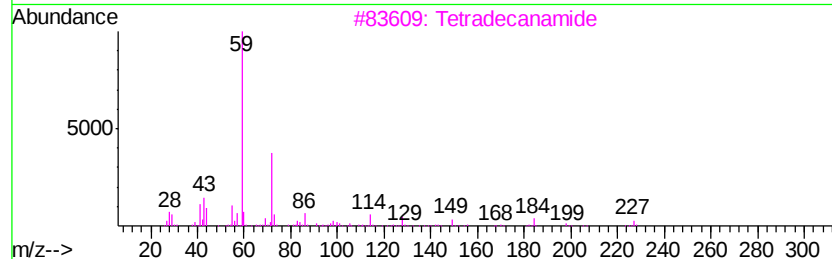
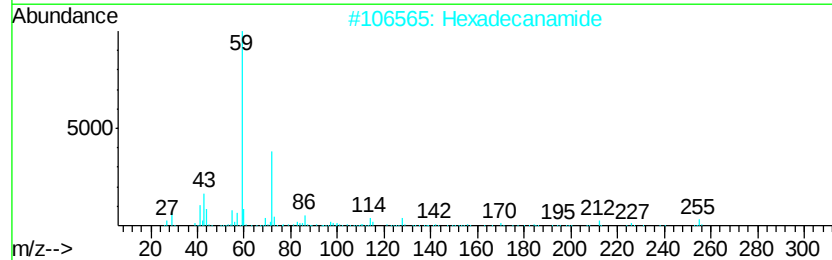
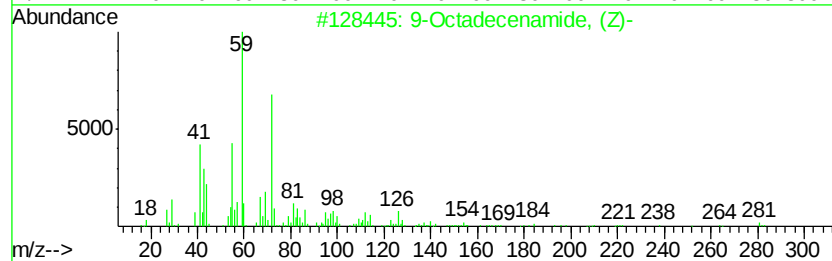
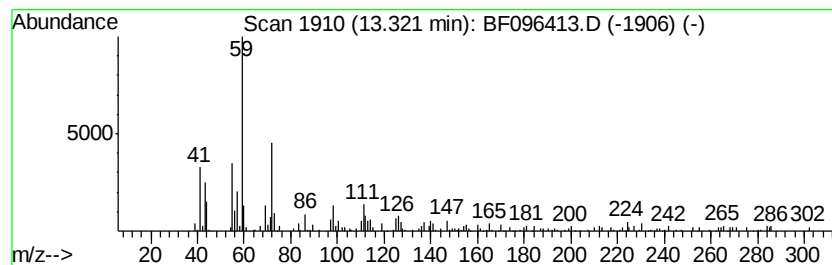
Instrument :
BNA_F
ClientSampleId :
B4-4-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.32	5.79 ng	289904	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Hexadecanamide	255	C16H33NO	000629-54-9	78
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Octadecanamide	283	C18H37NO	000124-26-5	64
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096413.D
Acq On : 2 Jul 2017 13:53
Operator : SJ/MA
Sample : I3950-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B4-4-6

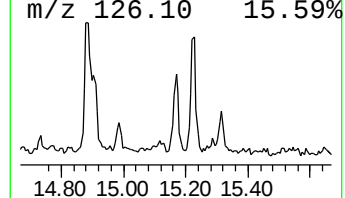
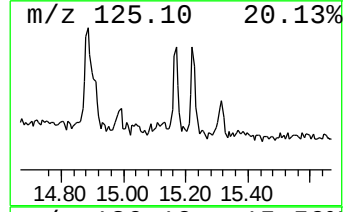
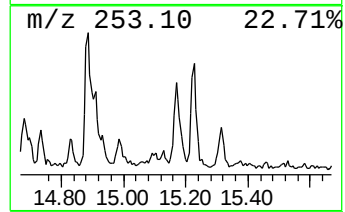
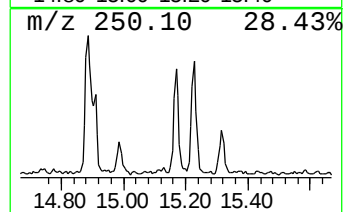
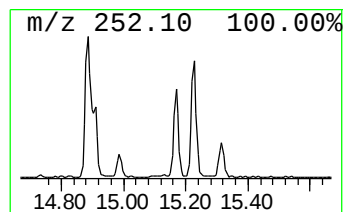
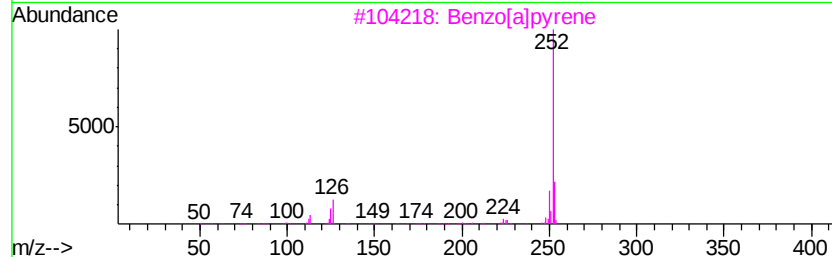
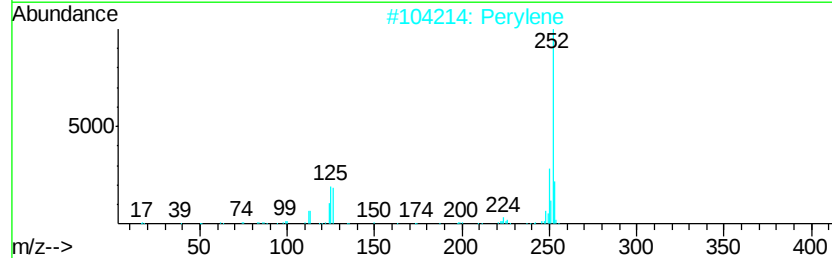
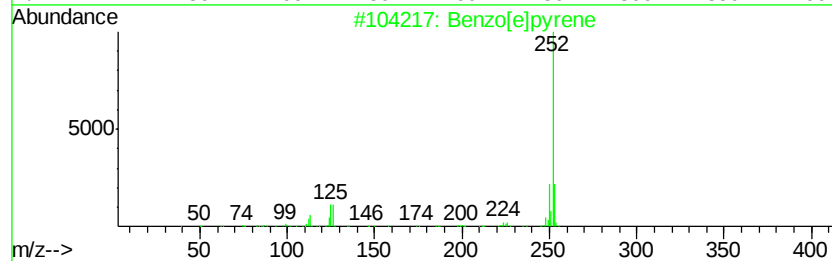
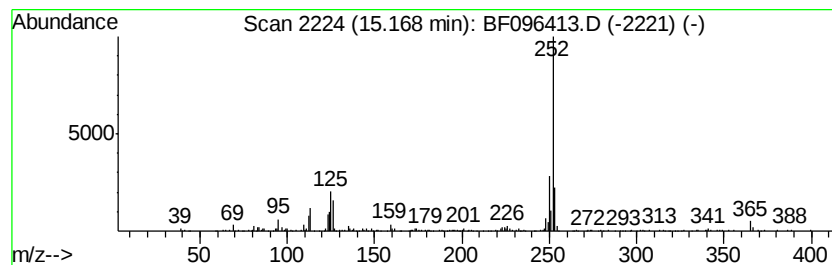
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	8.47 ng	198508	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096413.D
 Acq On : 2 Jul 2017 13:53
 Operator : SJ/MA
 Sample : I3950-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-4-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	13.4	ng	773739	1	6.73	1153930	20.0
unknown6.50	6.50	75.2	ng	4339740	1	6.73	1153930	20.0
Nonane, 2-methyl-	6.58	12.1	ng	697557	1	6.73	1153930	20.0
Undecane, 2,6-dim...	8.33	8.4	ng	2124510	2	8.02	5029460	20.0
Dodecane, 2-methyl-	8.41	6.6	ng	1650020	2	8.02	5029460	20.0
Dodecane, 3-methyl-	8.45	9.9	ng	2491690	2	8.02	5029460	20.0
Hexadecane	8.63	24.9	ng	6257620	2	8.02	5029460	20.0
Dodecane, 2,6,11-...	8.69	6.4	ng	1610950	2	8.02	5029460	20.0
Tridecane, 6-methyl-	8.90	19.6	ng	1195380	3	9.77	1217730	20.0
2,4-Dimethyldodecane	8.92	19.3	ng	1173640	3	9.77	1217730	20.0
2,3-Dimethyldodecane	8.95	10.9	ng	664792	3	9.77	1217730	20.0
Tridecane, 2-methyl-	8.99	19.6	ng	1190660	3	9.77	1217730	20.0
Undecane, 3-methyl-	9.03	15.5	ng	941395	3	9.77	1217730	20.0
Pentadecane	9.23	9.2	ng	559366	3	9.77	1217730	20.0
Tridecane	9.72	8.4	ng	508988	3	9.77	1217730	20.0
Tridecanoic acid	11.79	8.4	ng	394103	4	11.25	933375	20.0
9-Octadecenamide,...	13.32	5.8	ng	289904	5	13.87	1001940	20.0
Benzo[e]pyrene	15.17	8.5	ng	198508	6	15.29	468685	20.0