

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096453.D
 Acq On : 3 Jul 2017 20:48
 Operator : SJ/MA
 Sample : I3991-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-C

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	3.040	159	162	187	rBV	65257	186155	6.53%	0.292%
2	4.910	475	480	487	rBV	386250	472117	16.55%	0.741%
3	5.340	548	553	556	rBV	2804686	2682794	94.05%	4.213%
4	5.987	660	663	669	rVB2	152379	188157	6.60%	0.296%
5	6.269	708	711	714	rVV2	165255	193290	6.78%	0.304%
6	6.369	723	728	733	rVB	2705611	2786462	97.68%	4.376%
7	6.498	742	750	753	rBV	2864397	2852525	100.00%	4.480%
8	6.575	759	763	769	rVB2	425049	486389	17.05%	0.764%
9	6.728	783	789	792	rVV	1019492	911871	31.97%	1.432%
10	6.757	792	794	797	rVB2	460888	363269	12.73%	0.571%
11	6.798	797	801	804	rBV4	190164	254350	8.92%	0.399%
12	6.857	809	811	813	rVV2	157451	161723	5.67%	0.254%
13	6.887	813	816	820	rVV	2348637	2106082	73.83%	3.308%
14	6.975	828	831	834	rBV3	147955	189177	6.63%	0.297%
15	7.010	834	837	841	rVB2	305470	421315	14.77%	0.662%
16	7.051	841	844	847	rVB2	368671	310410	10.88%	0.488%
17	7.081	847	849	854	rBV2	230143	268310	9.41%	0.421%
18	7.128	854	857	861	rBV2	693221	613853	21.52%	0.964%
19	7.287	875	884	887	rBV3	1550755	2072052	72.64%	3.254%
20	7.339	891	893	896	rVB	870258	675529	23.68%	1.061%
21	7.387	896	901	904	rVB5	473805	713156	25.00%	1.120%
22	7.422	904	907	910	rBV4	207811	342246	12.00%	0.538%
23	7.451	910	912	916	rVB3	319032	303980	10.66%	0.477%
24	7.498	916	920	922	rBV3	184797	243885	8.55%	0.383%
25	7.539	922	927	931	rVB3	596817	943769	33.09%	1.482%
26	7.645	939	945	946	rBV4	391336	627146	21.99%	0.985%
27	7.710	952	956	958	rBV2	384529	430702	15.10%	0.676%
28	7.739	958	961	966	rVV3	449528	763830	26.78%	1.200%
29	7.781	966	968	971	rVB3	474966	516584	18.11%	0.811%
30	7.822	971	975	977	rBV3	432114	486377	17.05%	0.764%
31	7.839	977	978	983	rVB4	519295	600017	21.03%	0.942%
32	7.886	983	986	988	rBV	385862	361606	12.68%	0.568%
33	7.910	988	990	995	rVB4	296747	449396	15.75%	0.706%
34	7.963	996	999	1000	rBV2	332864	331292	11.61%	0.520%

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

35	8.010	1003	1007	1010	rVV	2327896	2084750	73.08%	3.274%
36	8.069	1015	1017	1019	rVV2	317204	304401	10.67%	0.478%
37	8.092	1019	1021	1023	rVB	703305	495163	17.36%	0.778%
38	8.139	1028	1029	1032	rVB3	270648	213657	7.49%	0.336%
39	8.192	1032	1038	1040	rBV5	456340	726699	25.48%	1.141%
40	8.210	1040	1041	1043	rVV	278428	252079	8.84%	0.396%
41	8.228	1043	1044	1047	rVV	416901	272551	9.55%	0.428%
42	8.257	1047	1049	1051	rVV3	256893	248622	8.72%	0.390%
43	8.316	1054	1059	1062	rVV6	729350	1003786	35.19%	1.576%
44	8.339	1062	1063	1066	rVB2	309134	260823	9.14%	0.410%
45	8.369	1066	1068	1071	rBV2	559115	513052	17.99%	0.806%
46	8.404	1071	1074	1078	rBV3	587983	621845	21.80%	0.977%
47	8.451	1078	1082	1086	rBV3	1432938	1645237	57.68%	2.584%
48	8.486	1086	1088	1090	rVB2	376644	293133	10.28%	0.460%
49	8.522	1091	1094	1097	rBV3	516841	498976	17.49%	0.784%
50	8.563	1097	1101	1103	rBV4	342578	412863	14.47%	0.648%
51	8.622	1107	1111	1115	rVV	1530799	1688148	59.18%	2.651%
52	8.675	1118	1120	1123	rVV3	578035	665651	23.34%	1.045%
53	8.710	1123	1126	1130	rVB2	713275	946077	33.17%	1.486%
54	8.781	1133	1138	1139	rBV4	209304	327698	11.49%	0.515%
55	8.839	1145	1148	1153	rVB4	697402	755026	26.47%	1.186%
56	8.904	1156	1159	1160	rBV2	444435	378025	13.25%	0.594%
57	8.951	1165	1167	1170	rVV3	327641	321816	11.28%	0.505%
58	8.981	1170	1172	1176	rVB	676321	512070	17.95%	0.804%
59	9.022	1177	1179	1181	rBV2	404771	357596	12.54%	0.562%
60	9.051	1181	1184	1187	rVB2	1623946	1408426	49.37%	2.212%
61	9.086	1187	1190	1195	rVB	1954532	1963283	68.83%	3.083%
62	9.133	1195	1198	1201	rBV2	227192	183064	6.42%	0.288%
63	9.186	1202	1207	1210	rBV	1891364	2074008	72.71%	3.257%
64	9.216	1210	1212	1213	rBV	254271	245028	8.59%	0.385%
65	9.245	1215	1217	1219	rVB	381596	263634	9.24%	0.414%
66	9.298	1224	1226	1230	rVB2	292740	268537	9.41%	0.422%
67	9.345	1230	1234	1236	rBV5	264591	372037	13.04%	0.584%
68	9.369	1236	1238	1241	rVB3	228982	218651	7.67%	0.343%
69	9.410	1241	1245	1247	rBV5	306147	402413	14.11%	0.632%
70	9.439	1247	1250	1252	rBV3	266109	360134	12.63%	0.566%
71	9.481	1255	1257	1258	rBV	698516	555737	19.48%	0.873%

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72	9.504	1259	1261	1263	rVB	901478	605915	21.24%	0.952%
73	9.557	1268	1270	1273	rVB2	422103	375853	13.18%	0.590%
74	9.686	1289	1292	1294	rBV3	249937	237356	8.32%	0.373%
75	9.710	1294	1296	1300	rVV	1581760	1216005	42.63%	1.910%
76	9.763	1300	1305	1309	rVB2	880212	1073965	37.65%	1.687%
77	9.939	1332	1335	1338	rBV3	244655	371641	13.03%	0.584%
78	9.969	1338	1340	1343	rVV2	303884	286039	10.03%	0.449%
79	10.033	1348	1351	1354	rVB2	436070	432271	15.15%	0.679%
80	10.210	1377	1381	1383	rVB	881844	735727	25.79%	1.155%
81	10.428	1414	1418	1424	rVB	376734	415398	14.56%	0.652%
82	10.545	1435	1438	1442	rVB	1095122	990590	34.73%	1.556%
83	10.680	1458	1461	1462	rBV	653011	568685	19.94%	0.893%
84	11.127	1534	1537	1539	rBV	427960	373045	13.08%	0.586%
85	11.157	1539	1542	1547	rVB	284265	282006	9.89%	0.443%
86	11.239	1553	1556	1559	rBV	621170	584622	20.49%	0.918%
87	11.475	1593	1596	1599	rBV2	193459	189183	6.63%	0.297%
88	11.551	1606	1609	1612	rBV	387295	290460	10.18%	0.456%
89	11.957	1675	1678	1681	rBV	329649	259089	9.08%	0.407%
90	12.298	1732	1736	1739	rBV	369992	416052	14.59%	0.653%
91	12.333	1739	1742	1743	rVV	294447	307488	10.78%	0.483%
92	12.351	1743	1745	1747	rVB	402581	341752	11.98%	0.537%
93	12.451	1759	1762	1765	rBV	477351	399805	14.02%	0.628%
94	12.680	1798	1801	1803	rVB	312525	269909	9.46%	0.424%
95	12.716	1805	1807	1810	rVB	294434	235992	8.27%	0.371%
96	12.827	1823	1826	1834	rBV	1750873	1645146	57.67%	2.584%
97	13.074	1865	1868	1871	rVB	356893	303436	10.64%	0.477%
98	13.416	1923	1926	1929	rBV	330544	283664	9.94%	0.446%
99	13.874	2001	2004	2007	rBV2	424854	436630	15.31%	0.686%
100	14.363	2085	2087	2090	rBV	318410	320668	11.24%	0.504%

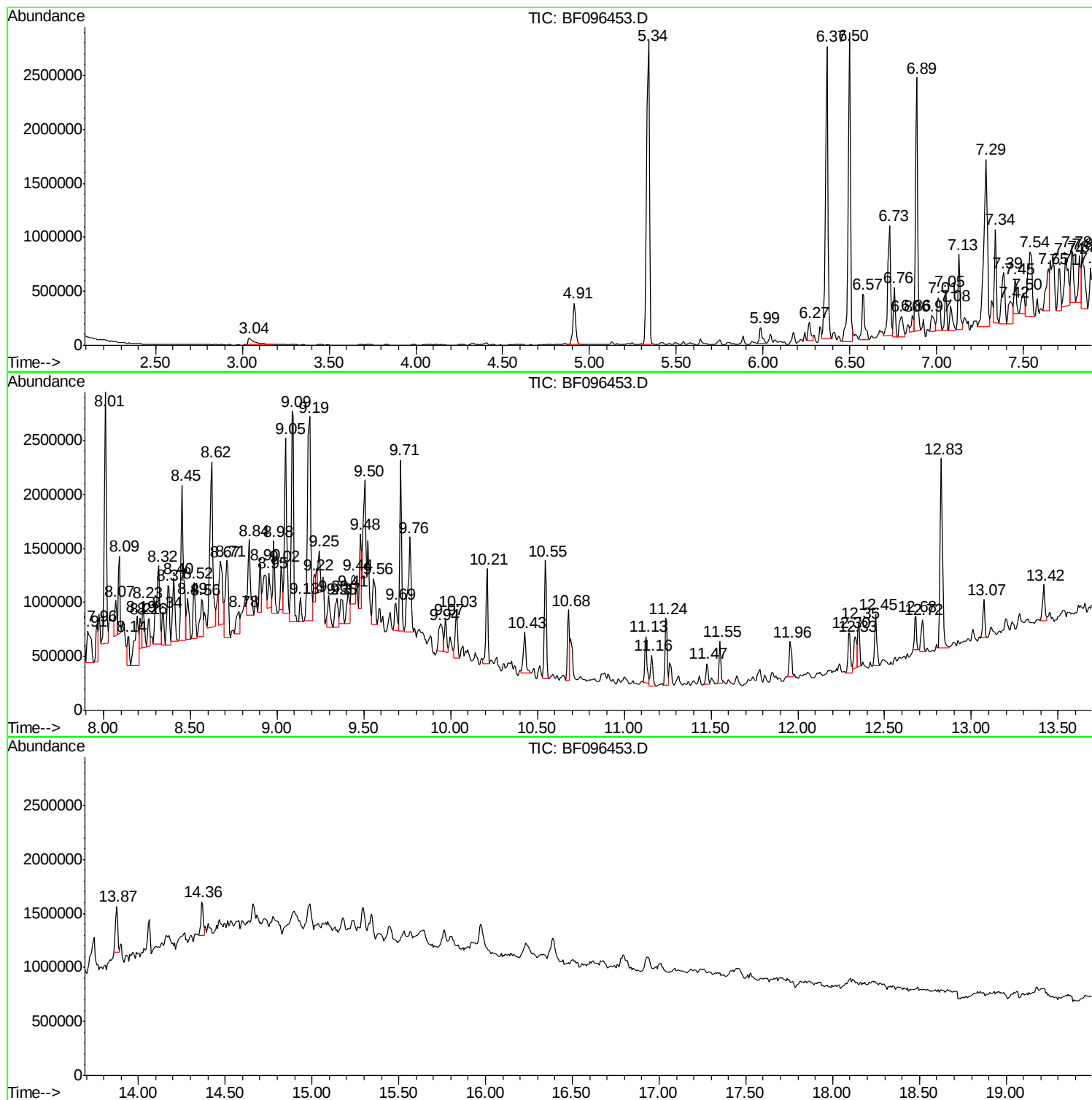
Sum of corrected areas: 63672904

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Instrument :
BNA_F
ClientSampled :
HR-06-062917-C

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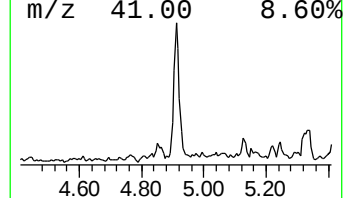
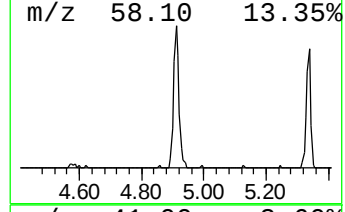
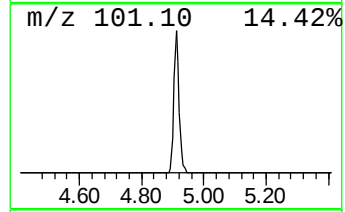
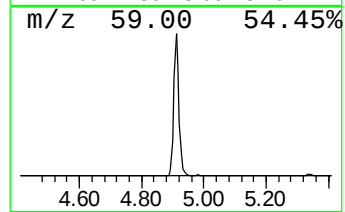
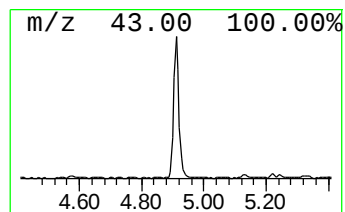
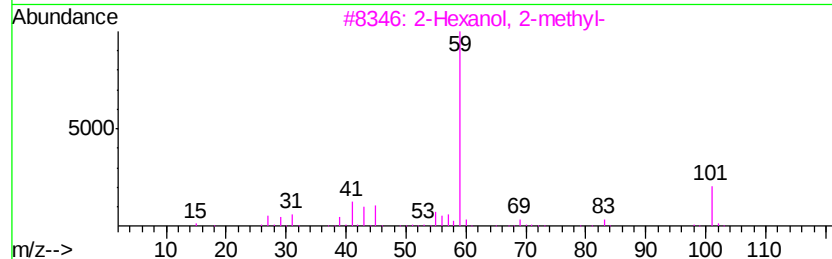
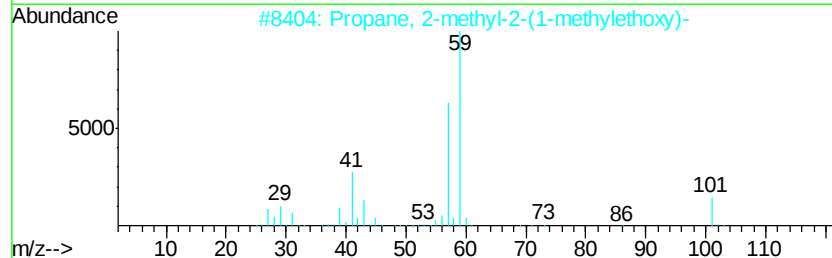
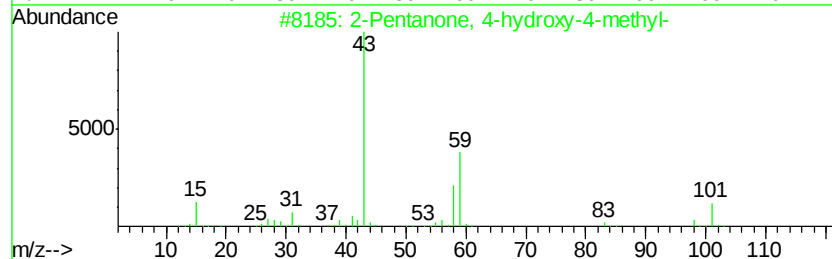
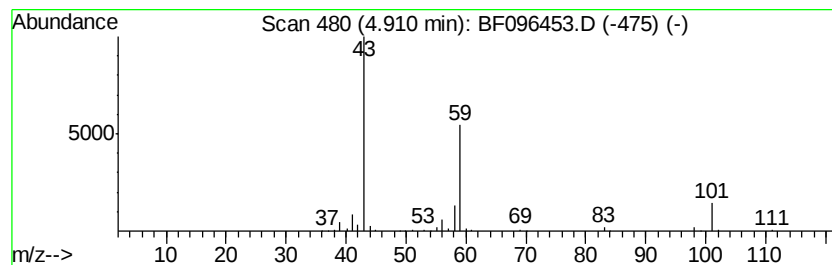
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	10.35 ng	472117	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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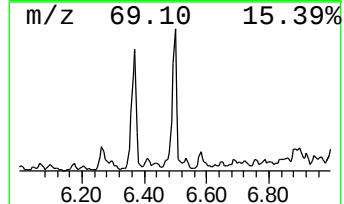
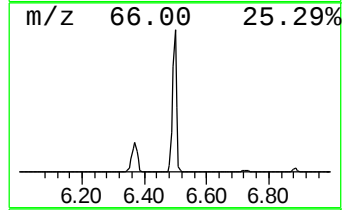
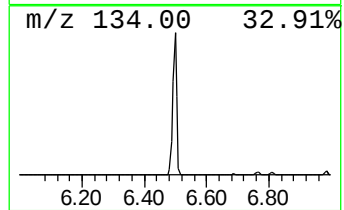
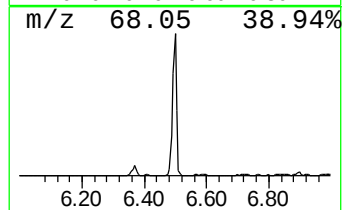
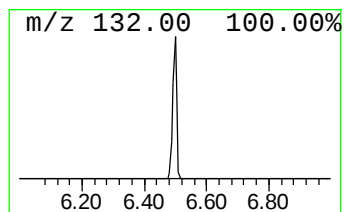
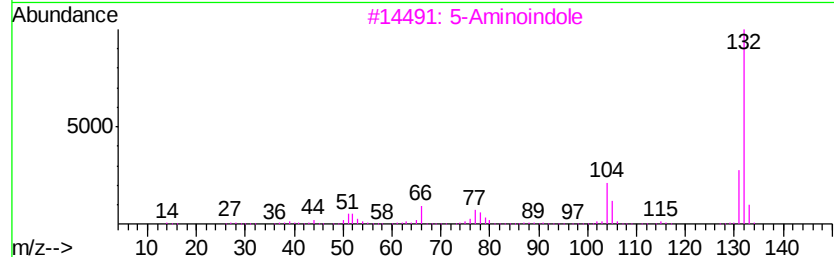
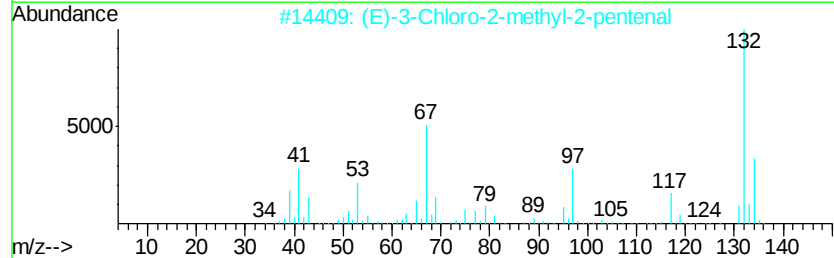
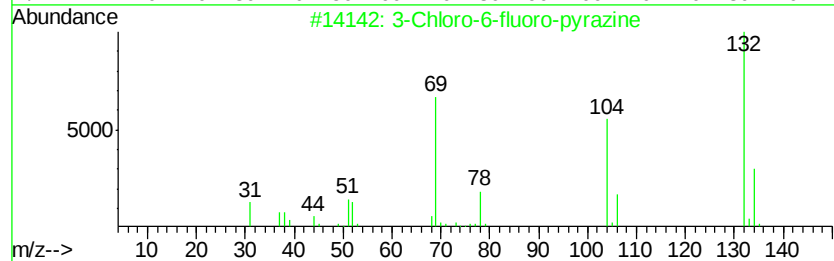
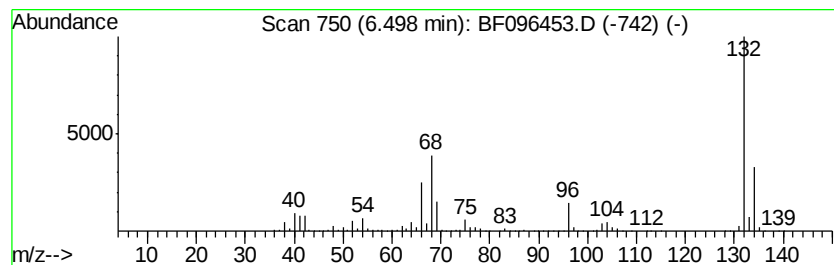
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	62.56 ng	2852530	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	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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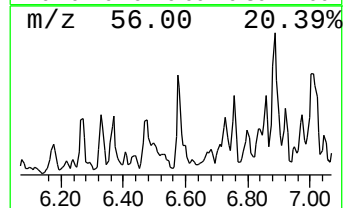
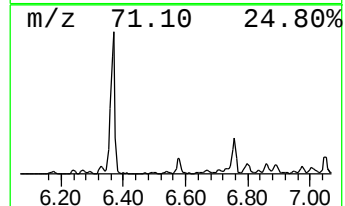
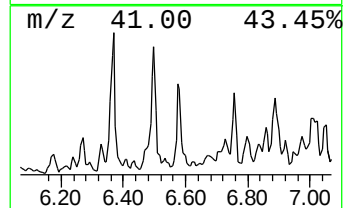
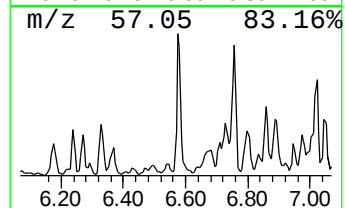
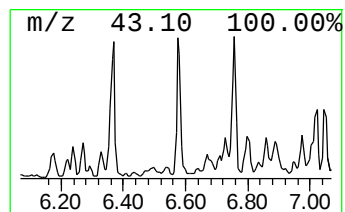
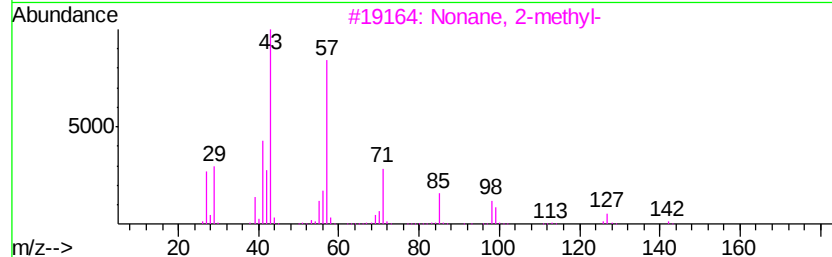
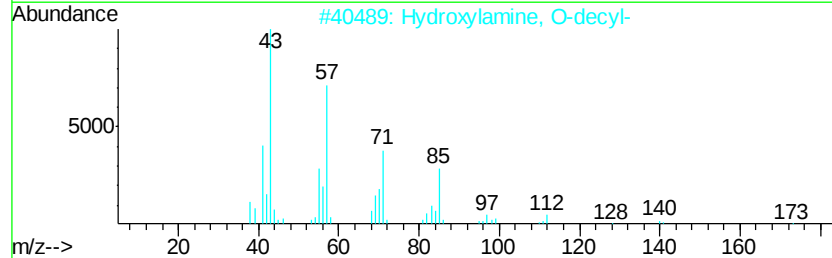
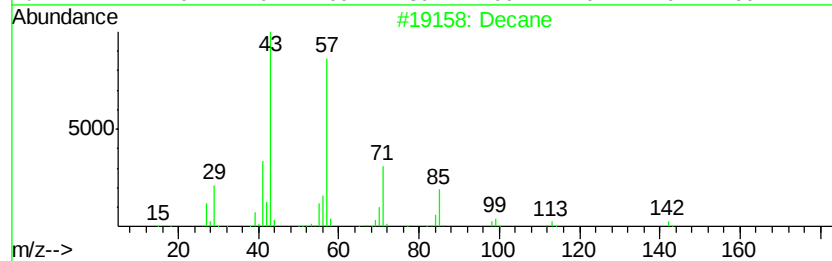
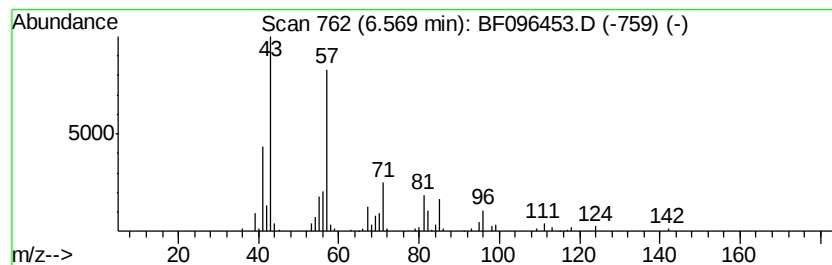
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	10.67 ng	486389	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	72
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4		Undecane	156	C11H24	001120-21-4	72
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
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Instrument :
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ClientSampleId :
HR-06-062917-C

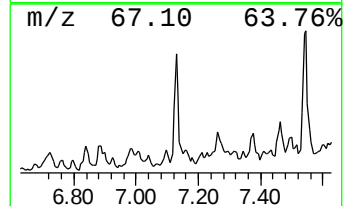
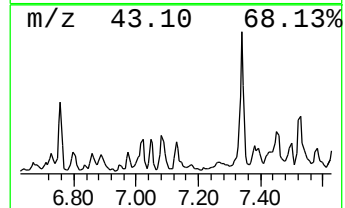
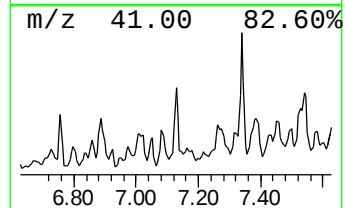
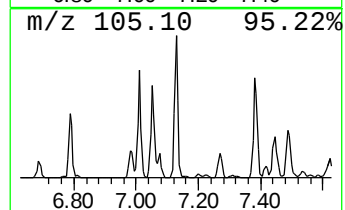
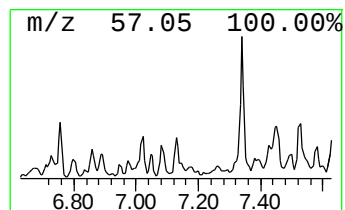
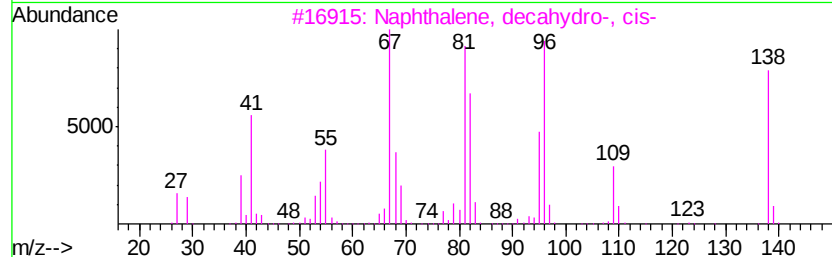
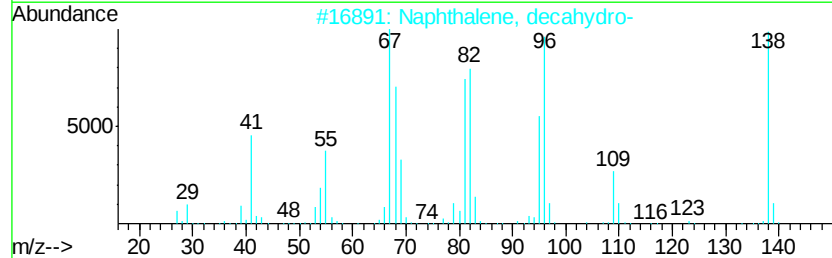
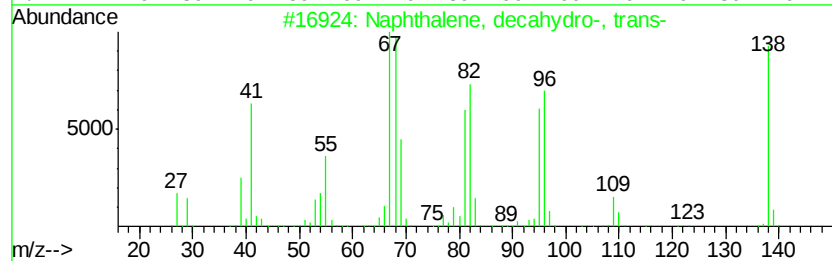
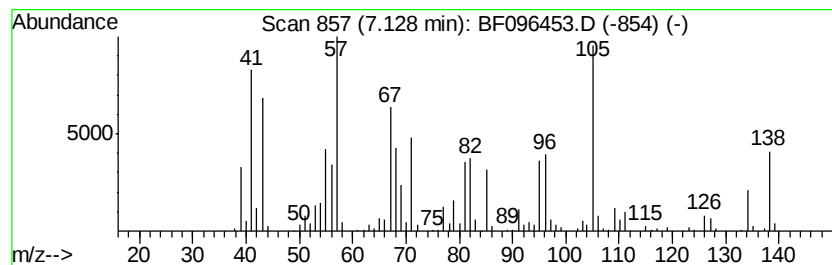
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	13.46 ng	613853	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	50
4		Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	38
5		Cyclohexane, methylene-	96	C7H12	001192-37-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
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ClientSampleId :
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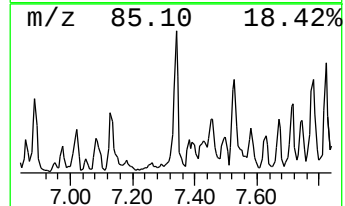
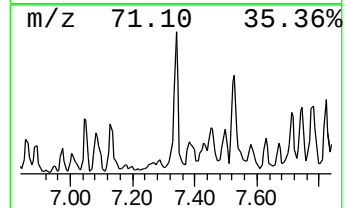
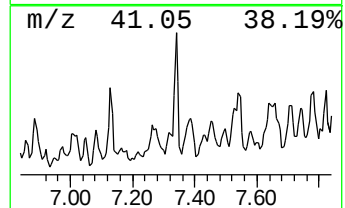
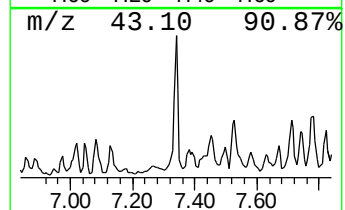
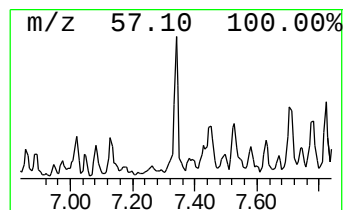
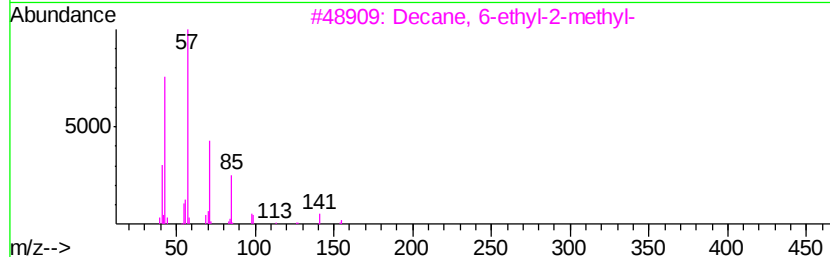
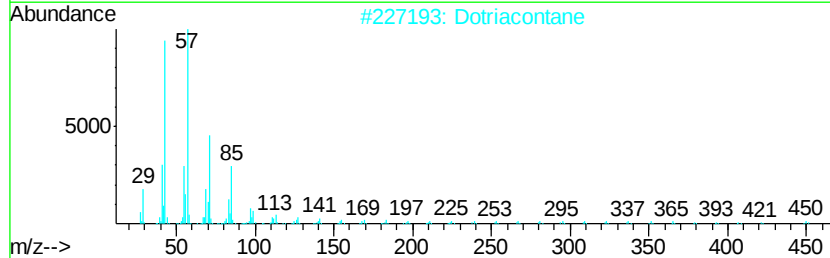
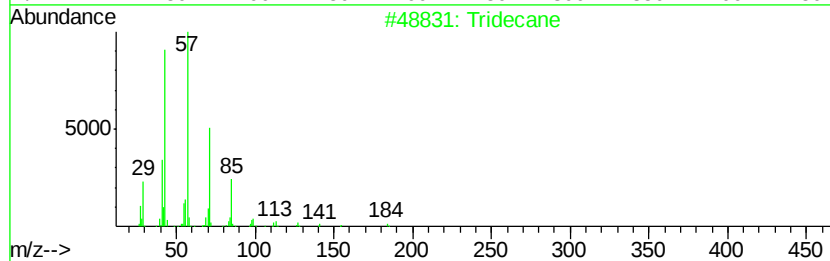
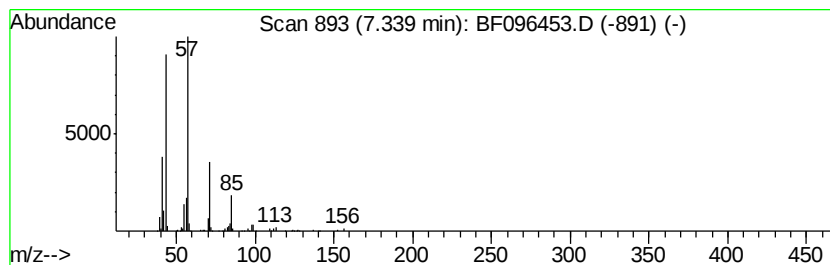
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	14.82 ng	675529	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	83
2	Dotriacontane		451	C32H66	000544-85-4	83
3	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
4	Undecane		156	C11H24	001120-21-4	72
5	Sulfurous acid, decyl 2-ethylhex...		334	C18H38O3S	1000309-19-3	64



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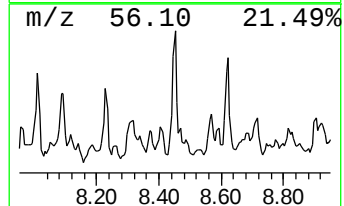
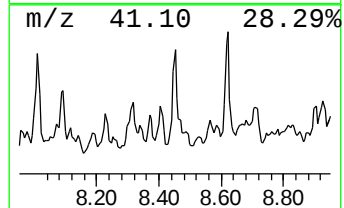
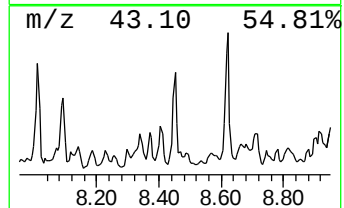
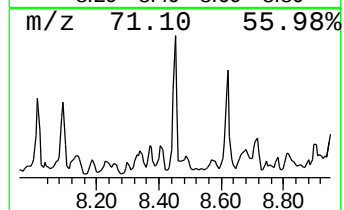
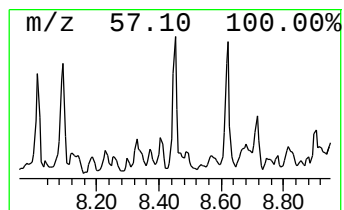
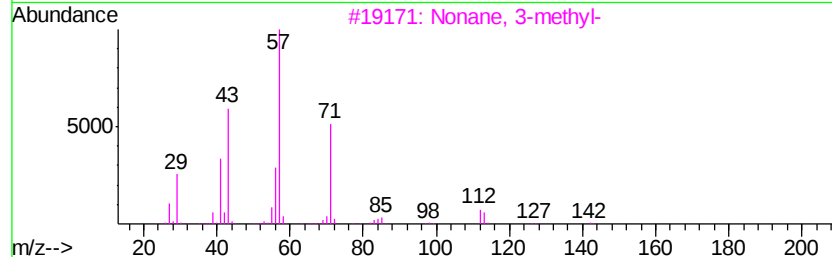
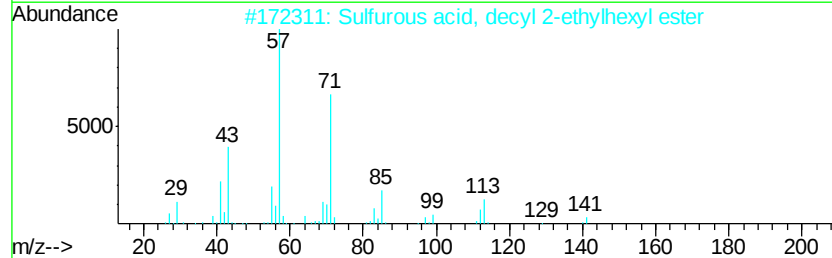
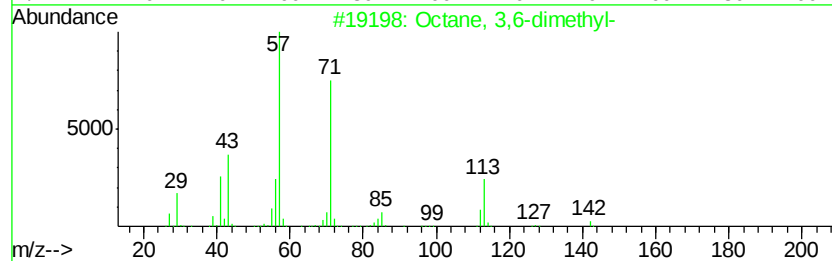
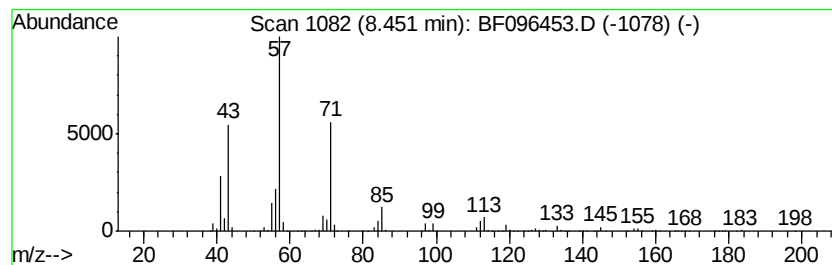
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	15.78 ng	1645240	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
5		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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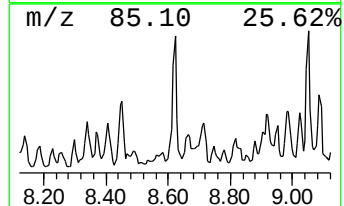
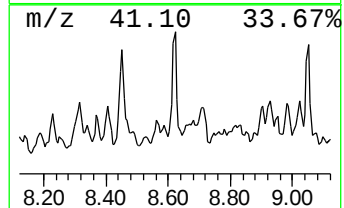
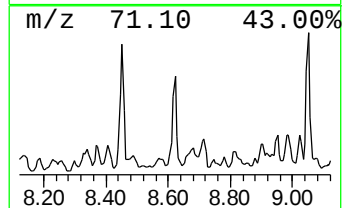
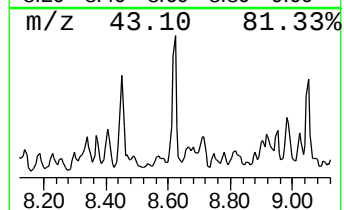
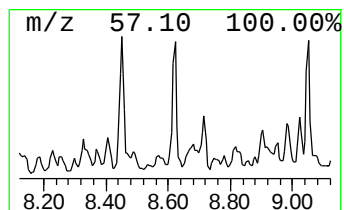
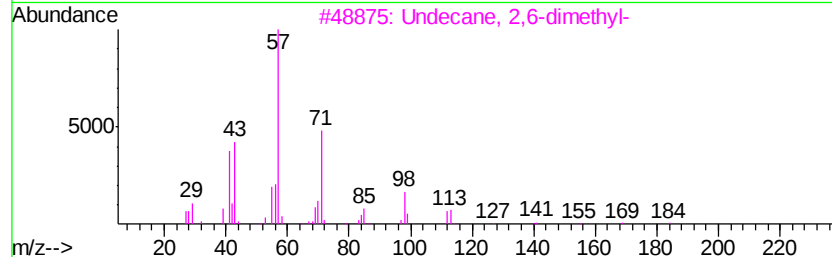
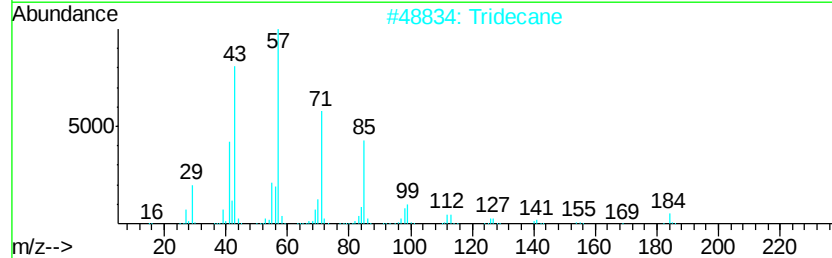
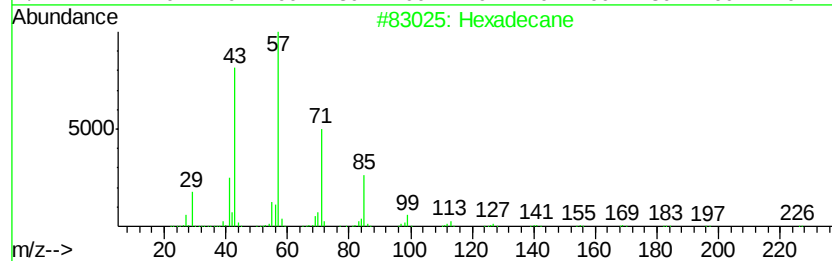
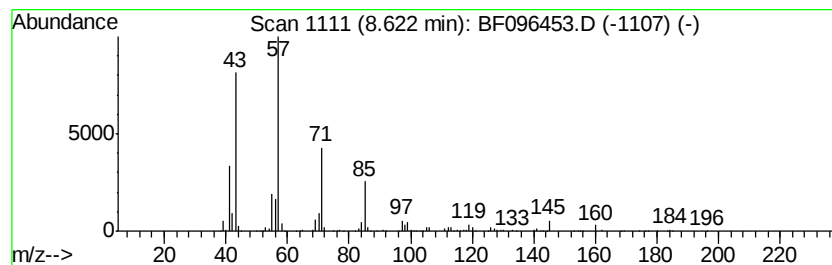
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	16.20 ng	1688150	Naphthalene-d8	8.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Tridecane		184	C13H28	000629-50-5	80
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	76
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	64
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
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ALS Vial : 24 Sample Multiplier: 1

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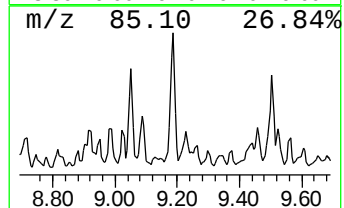
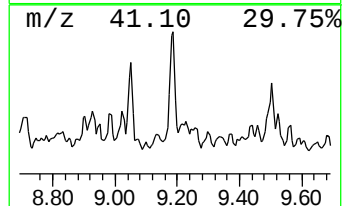
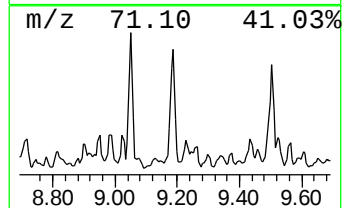
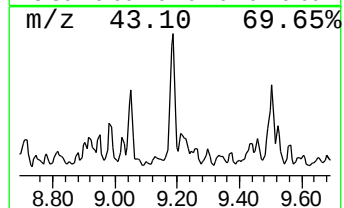
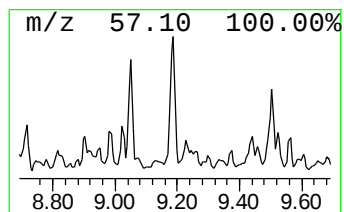
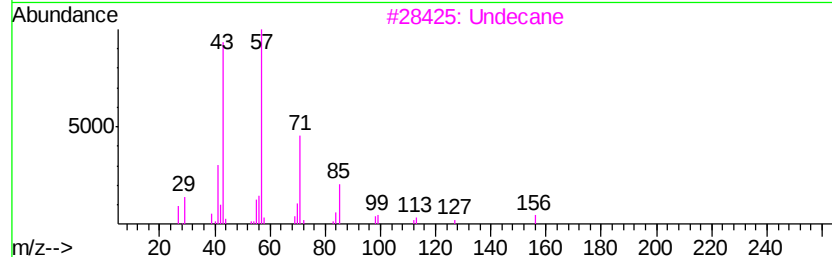
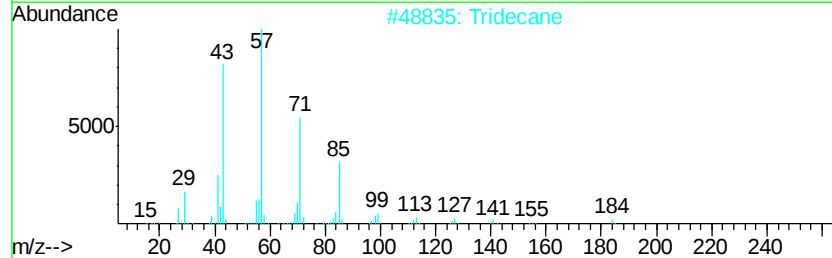
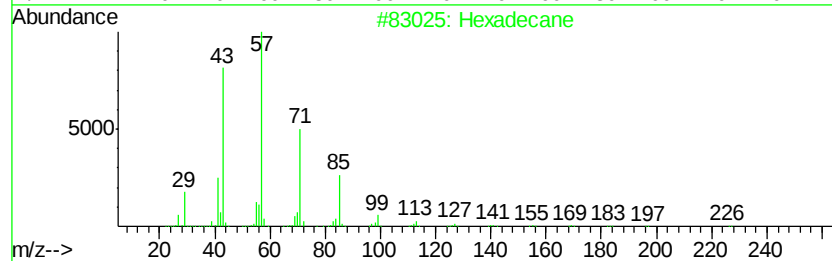
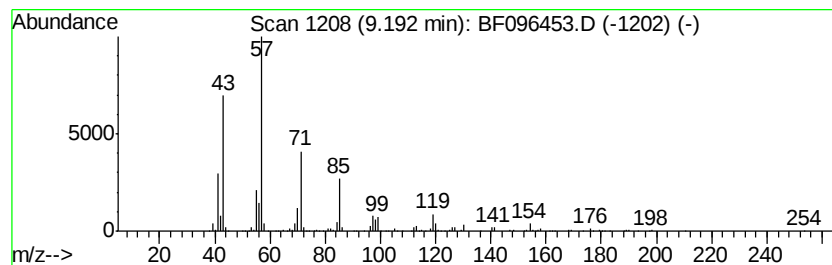
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 6-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	38.62 ng	2074010	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Undecane	156	C11H24	001120-21-4	86
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5		Tetradecane	198	C14H30	000629-59-4	80



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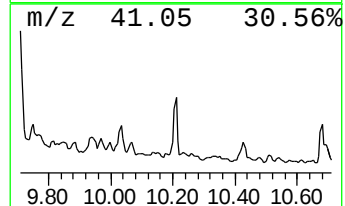
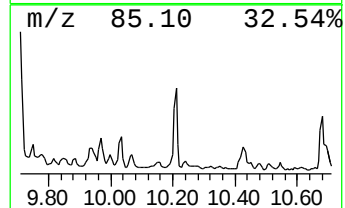
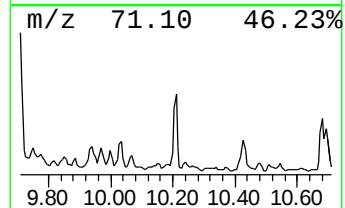
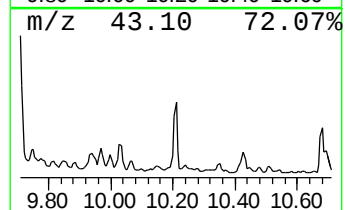
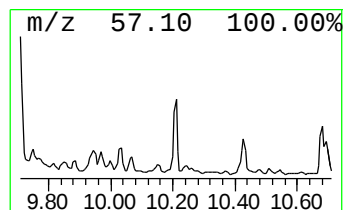
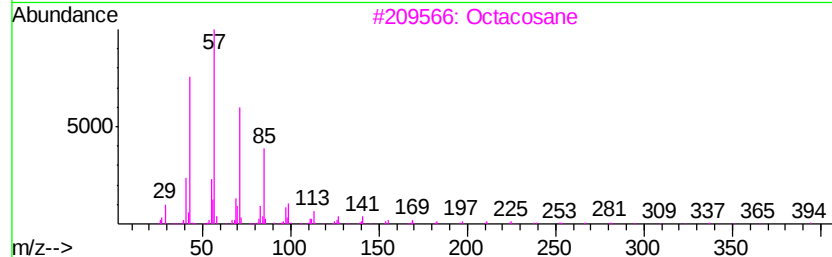
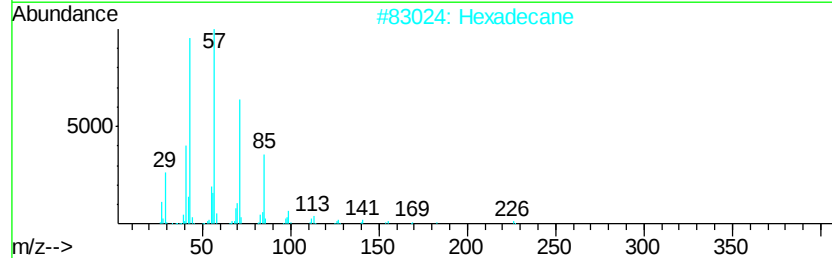
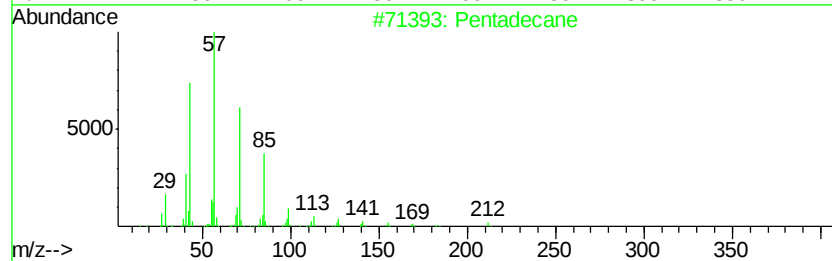
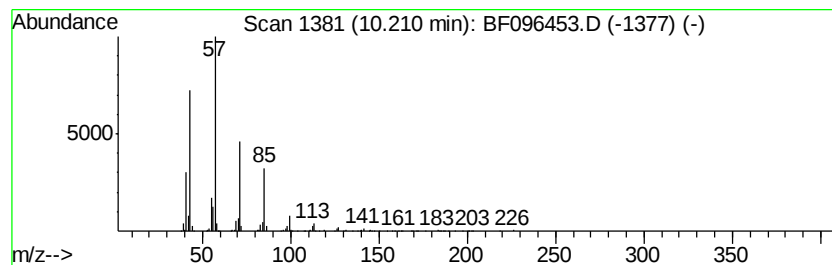
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	13.70 ng	735727	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Hexadecane	226 C16H34	000544-76-3	86
3	Octacosane	394 C28H58	000630-02-4	83
4	Tetradecane	198 C14H30	000629-59-4	80
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	72



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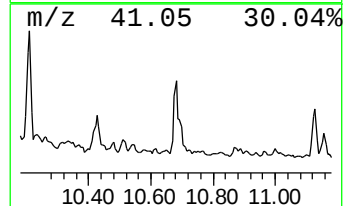
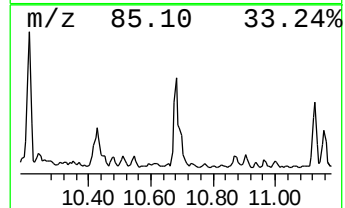
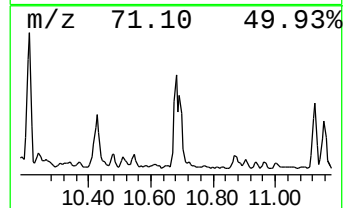
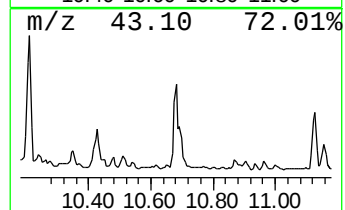
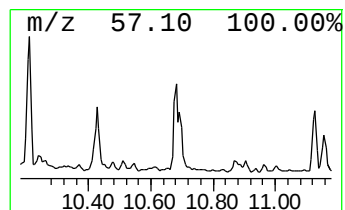
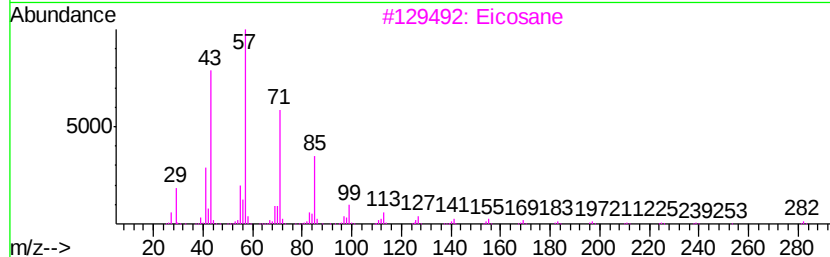
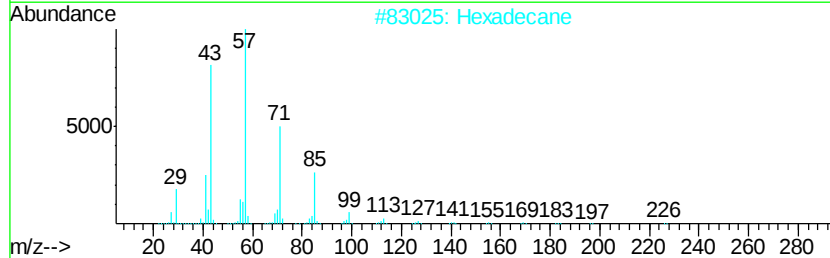
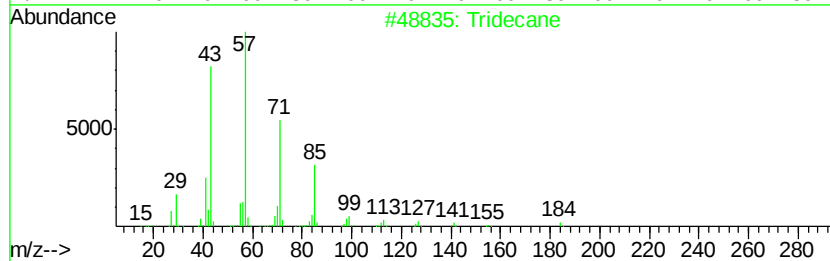
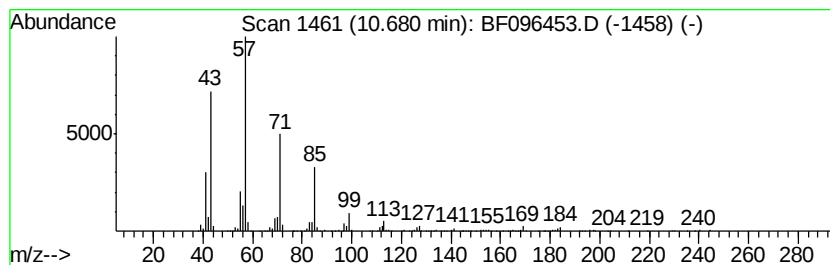
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	19.45 ng	568685	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

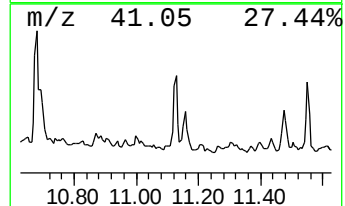
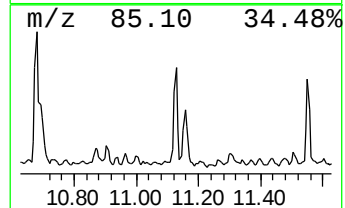
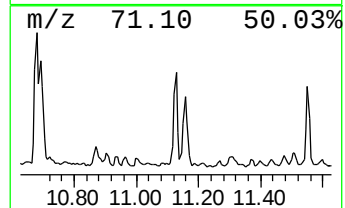
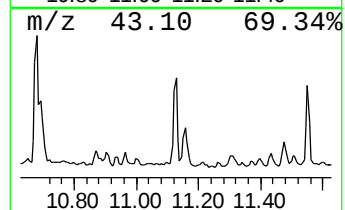
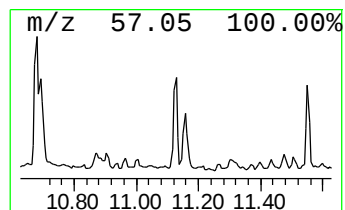
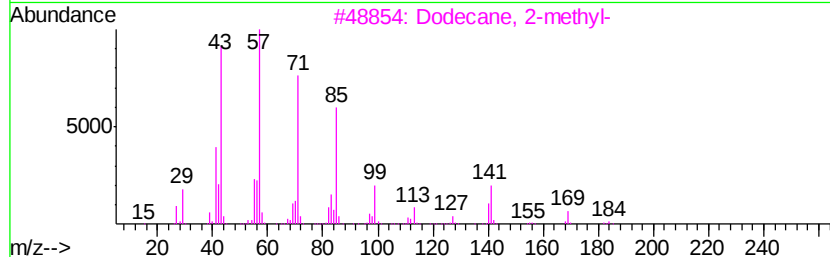
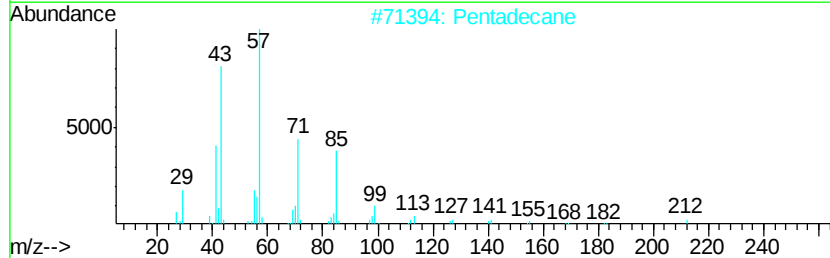
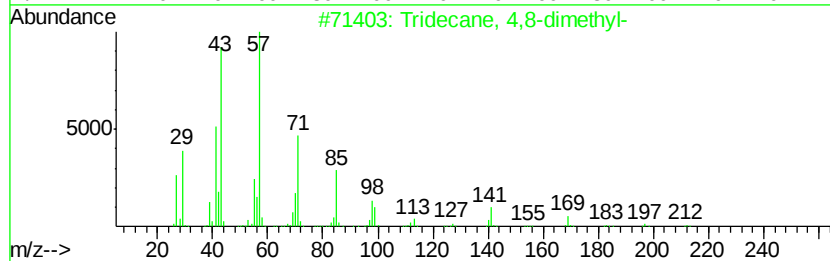
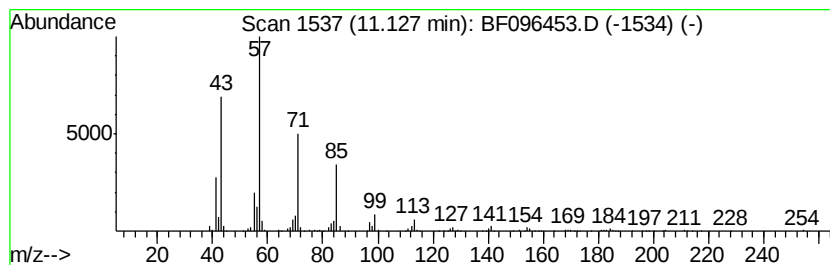
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ClientSampleID :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 4,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	12.76 ng	373045	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
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Sample : I3991-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-062917-C

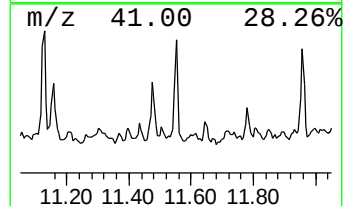
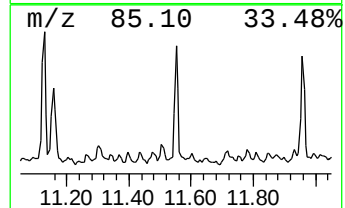
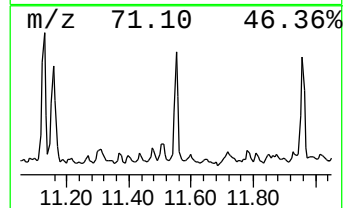
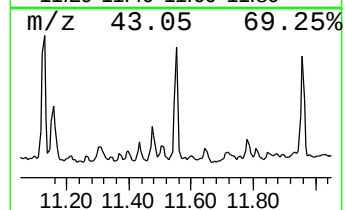
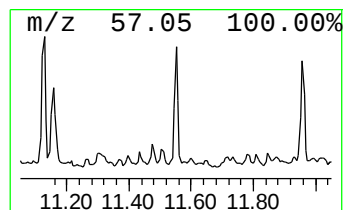
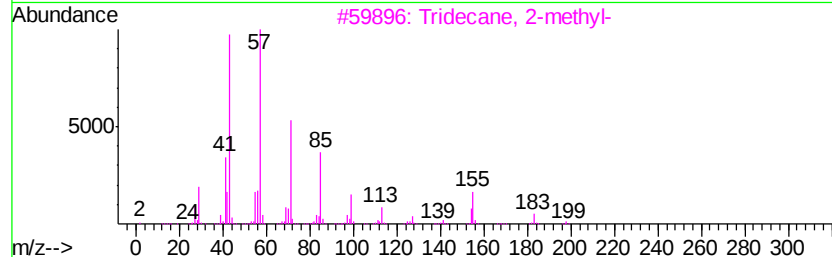
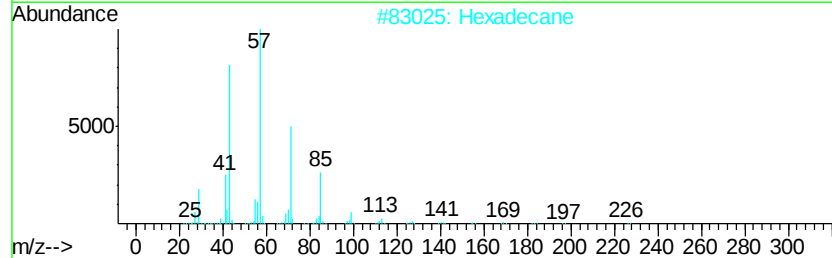
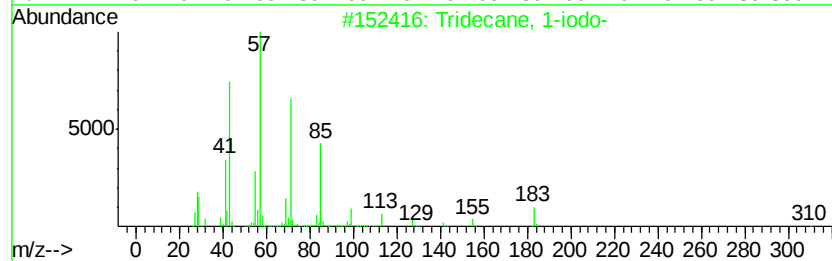
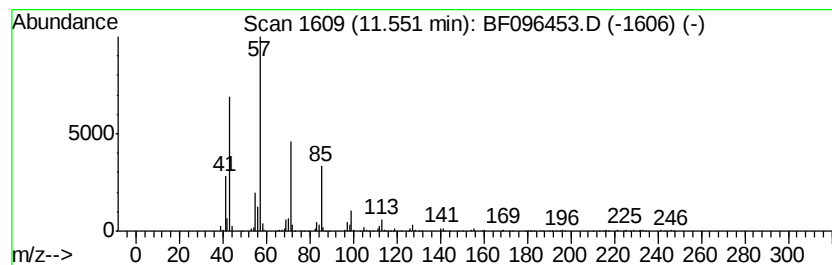
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	9.94 ng	290460	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
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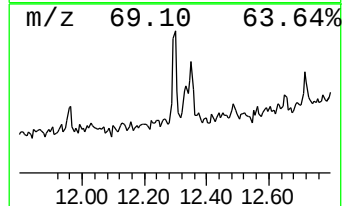
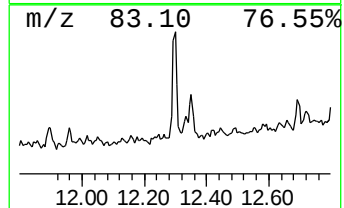
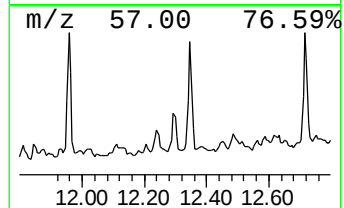
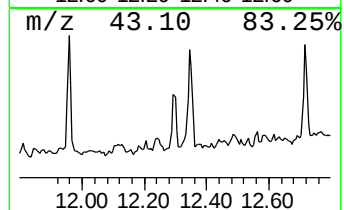
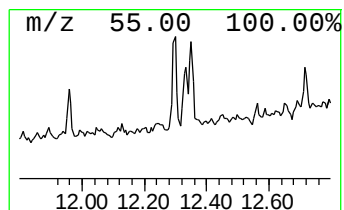
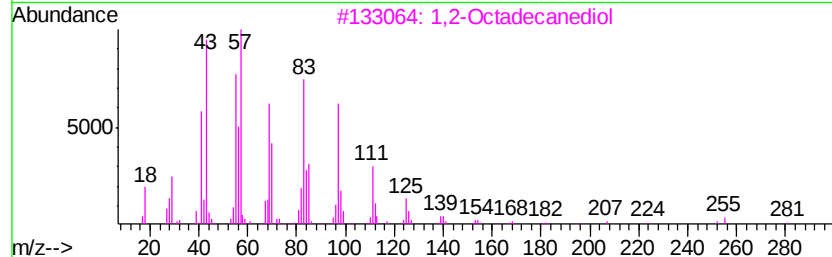
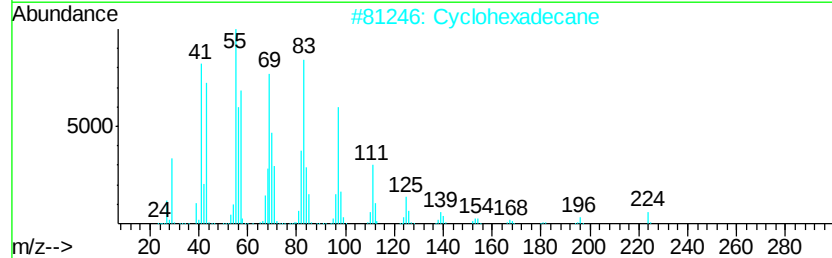
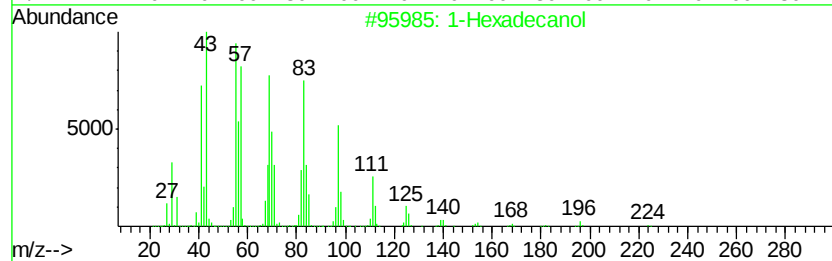
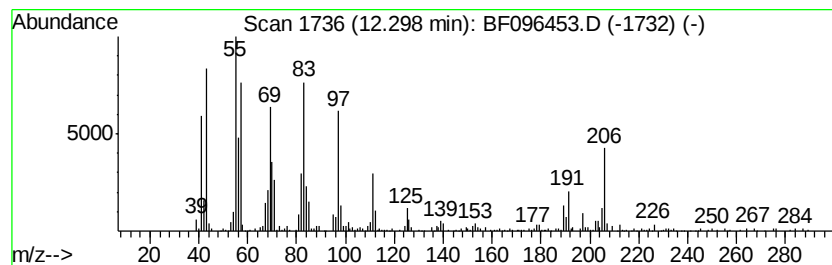
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.30	14.23 ng	416052	Phenanthrene-d10		11.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	64
2			Cyclohexadecane	224	C16H32	000295-65-8	64
3			1,2-Octadecanediol	286	C18H38O2	020294-76-2	64
4			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5			Cyclopentadecane	210	C15H30	000295-48-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

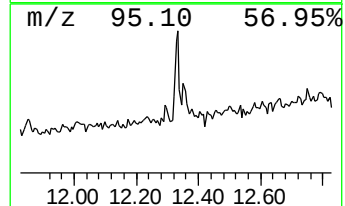
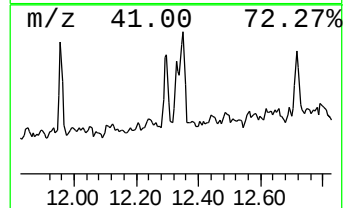
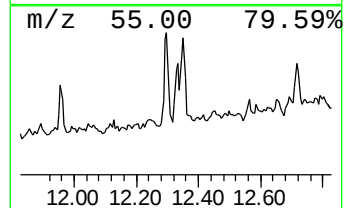
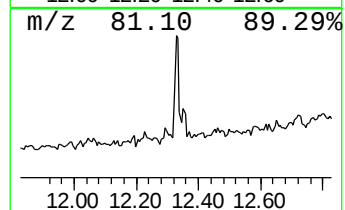
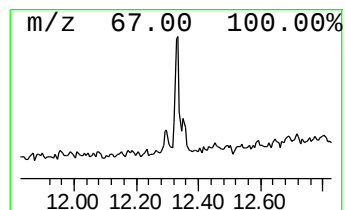
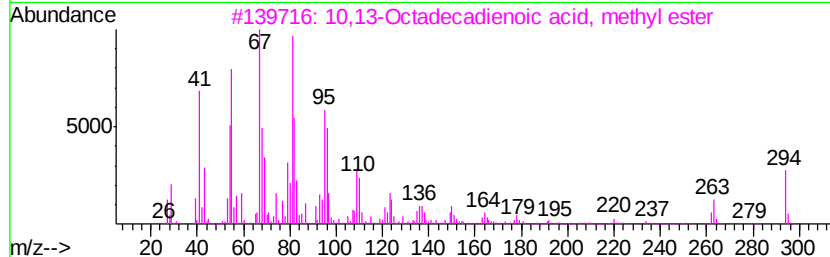
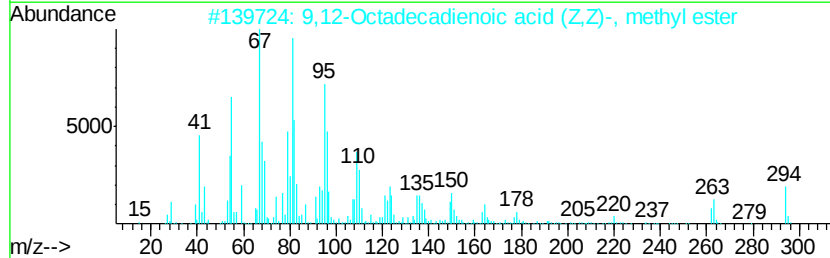
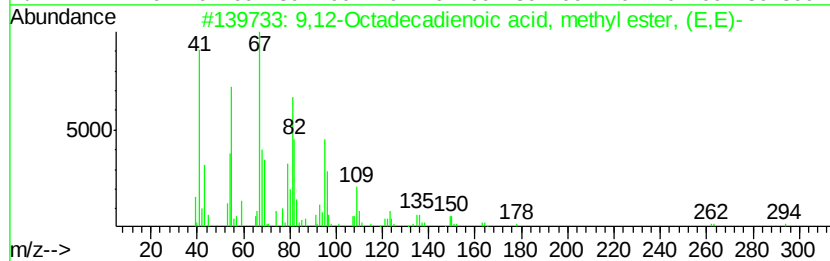
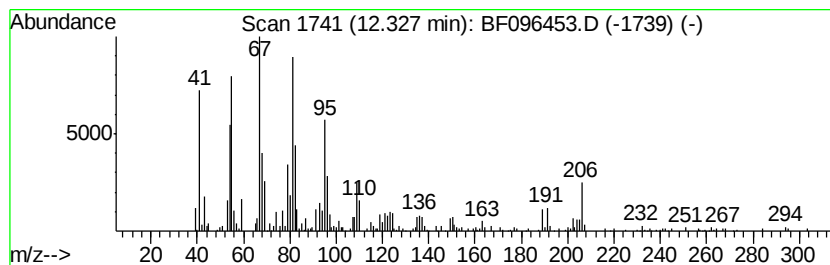
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.33	10.52 ng	307488	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98	
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98	
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-062917-C

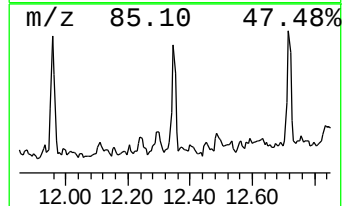
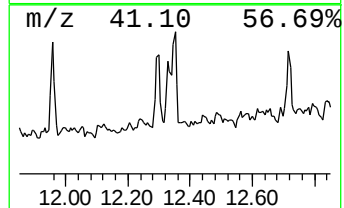
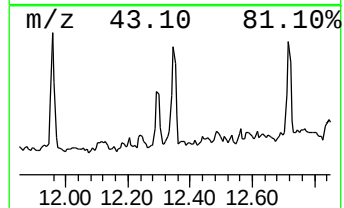
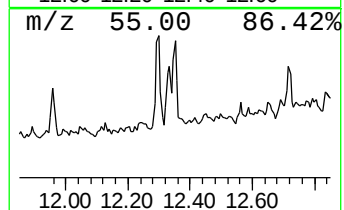
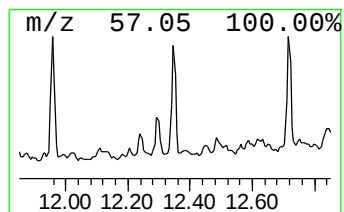
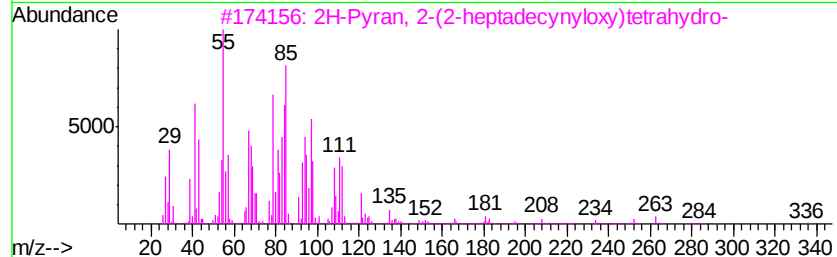
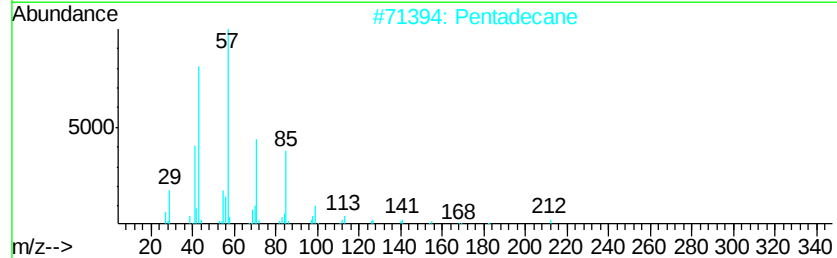
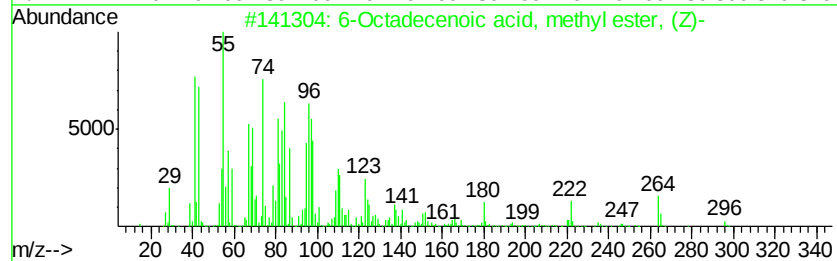
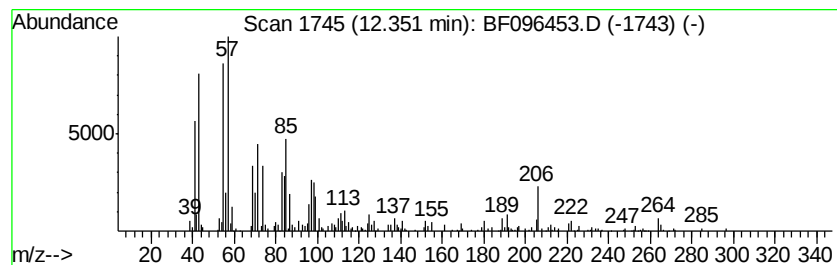
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 6-Octadecenoic acid, methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	11.69 ng	341752	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	51
2		Pentadecane	212	C15H32	000629-62-9	50
3		2H-Pyran, 2-(2-heptadecynyloxy)t...	336	C22H40O2	069502-96-1	46
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	44
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	44



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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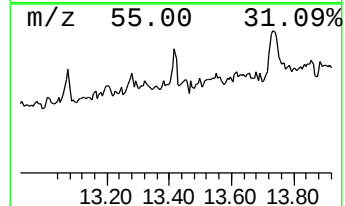
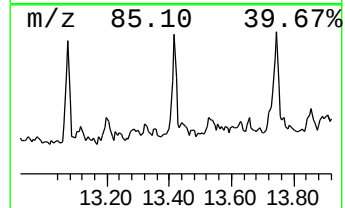
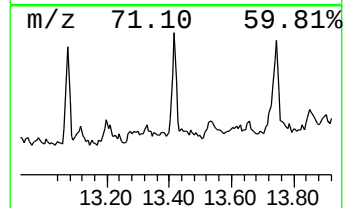
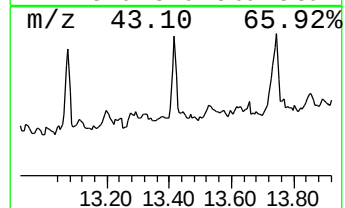
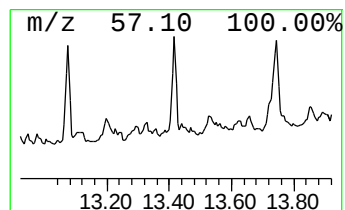
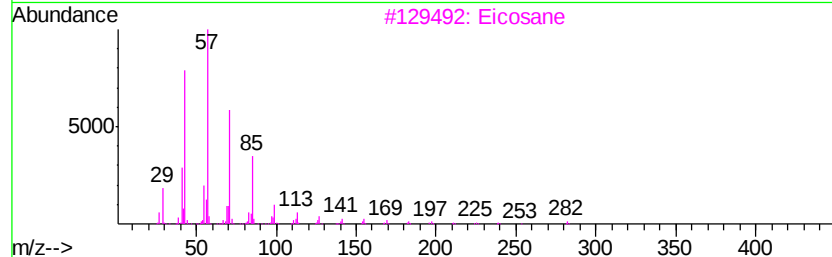
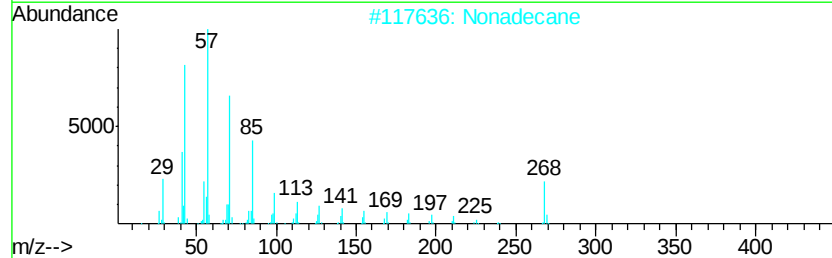
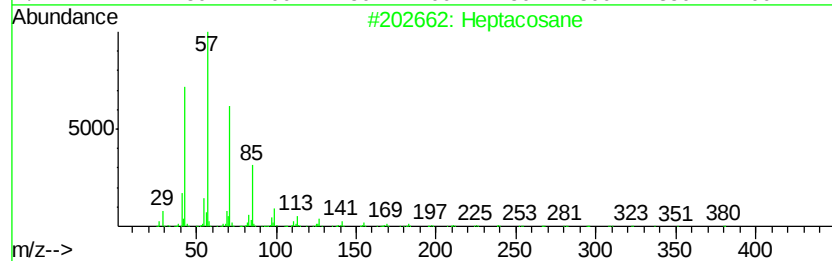
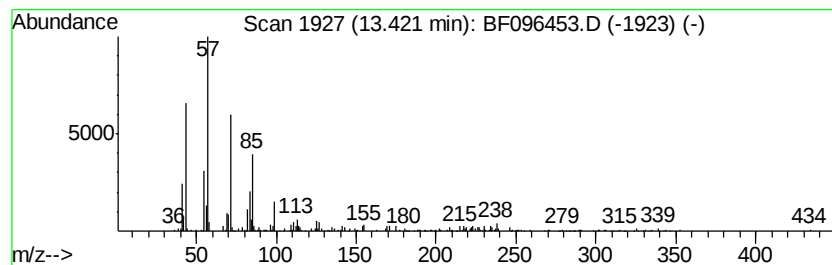
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	12.99 ng	283664	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	87
2	Nonadecane	268 C19H40	000629-92-5	83
3	Eicosane	282 C20H42	000112-95-8	80
4	Hexadecane	226 C16H34	000544-76-3	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096453.D
Acq On : 3 Jul 2017 20:48
Operator : SJ/MA
Sample : I3991-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
HR-06-062917-C

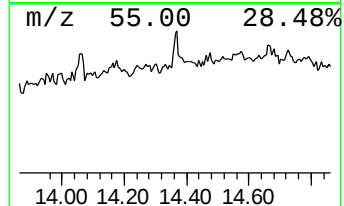
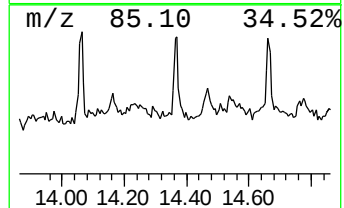
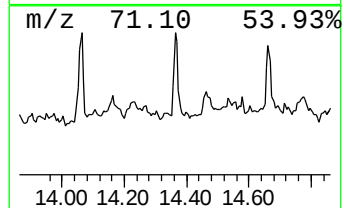
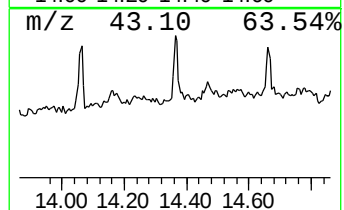
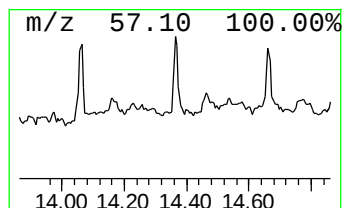
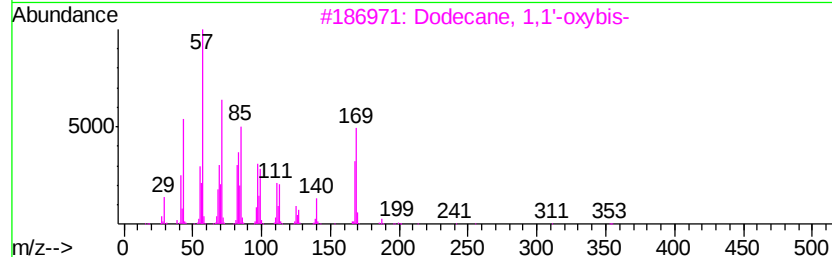
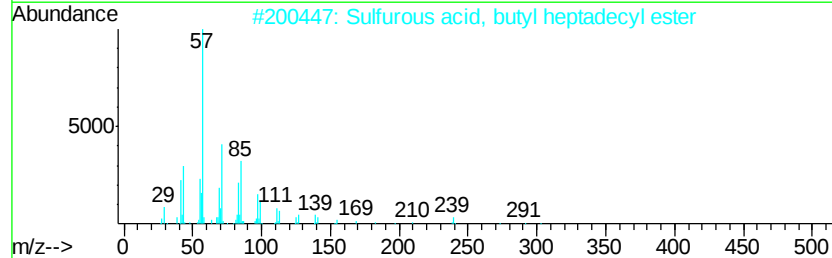
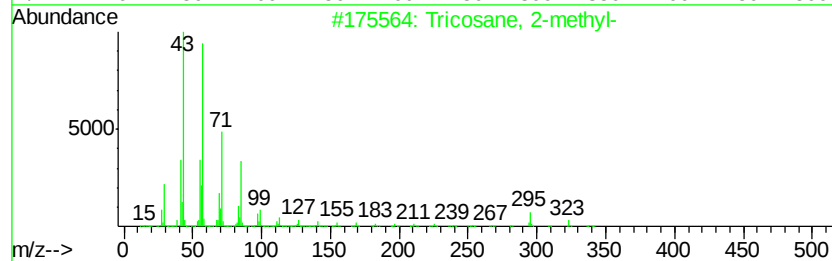
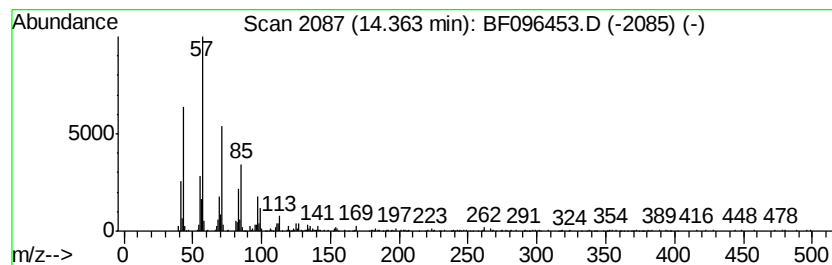
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	14.69 ng	320668	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	89
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
3		Dodecane, 1,1'-oxybis-	354	C24H50O	004542-57-8	87
4		Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	86
5		Heneicosane	296	C21H44	000629-94-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096453.D
 Acq On : 3 Jul 2017 20:48
 Operator : SJ/MA
 Sample : I3991-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-C

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...	4.91	10.4	ng	472117	1	6.73	911871	20.0
unknown6.50	6.50	62.6	ng	2852530	1	6.73	911871	20.0
Decane	6.57	10.7	ng	486389	1	6.73	911871	20.0
Naphthalene, deca...	7.13	13.5	ng	613853	1	6.73	911871	20.0
Tridecane	7.34	14.8	ng	675529	1	6.73	911871	20.0
Octane, 3,6-dimet...	8.45	15.8	ng	1645240	2	8.01	2084750	20.0
Hexadecane	8.62	16.2	ng	1688150	2	8.01	2084750	20.0
Decane, 6-ethyl-2...	9.19	38.6	ng	2074010	3	9.76	1073970	20.0
Pentadecane	10.21	13.7	ng	735727	3	9.76	1073970	20.0
Dodecane, 2-methy...	10.68	19.4	ng	568685	4	11.24	584622	20.0
Tridecane, 4,8-di...	11.13	12.8	ng	373045	4	11.24	584622	20.0
Tridecane, 1-iodo-	11.55	9.9	ng	290460	4	11.24	584622	20.0
1-Hexadecanol	12.30	14.2	ng	416052	4	11.24	584622	20.0
9,12-Octadecadien...	12.33	10.5	ng	307488	4	11.24	584622	20.0
6-Octadecenoic ac...	12.35	11.7	ng	341752	4	11.24	584622	20.0
Heptacosane	13.42	13.0	ng	283664	5	13.87	436630	20.0
Tricosane, 2-methyl-	14.36	14.7	ng	320668	5	13.87	436630	20.0