

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
 Data File : BF094534.D
 Acq On : 19 Apr 2017 23:44
 Operator : SJ/MA
 Sample : I2680-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1052

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-BF041717.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	4.313	401	404	411	rBV	497520	457903	11.65%	0.653%
2	5.384	583	586	598	rVB	582112	562233	14.31%	0.802%
3	5.513	605	608	612	rVV	626608	562172	14.31%	0.802%
4	5.601	620	623	628	rVB	453271	401640	10.22%	0.573%
5	5.766	646	651	655	rVV	828164	730358	18.59%	1.042%
6	5.942	675	681	687	rBV	515008	602080	15.32%	0.859%
7	6.142	712	715	718	rBV	299523	247711	6.30%	0.353%
8	6.237	725	731	733	rBV3	187890	294734	7.50%	0.420%
9	6.407	753	760	765	rBV4	397434	608729	15.49%	0.868%
10	6.484	770	773	776	rBV	1017288	944100	24.03%	1.347%
11	6.701	807	810	817	rVB2	531723	534017	13.59%	0.762%
12	6.837	830	833	837	rVB5	279363	320081	8.15%	0.457%
13	6.878	837	840	845	rBV4	245839	249747	6.36%	0.356%
14	6.931	845	849	851	rBV2	202465	242808	6.18%	0.346%
15	6.960	851	854	858	rVB2	424125	588491	14.98%	0.839%
16	7.007	858	862	867	rVB3	609522	709554	18.06%	1.012%
17	7.072	867	873	877	rBV4	429764	812669	20.68%	1.159%
18	7.160	885	888	895	rVB3	178817	238068	6.06%	0.340%
19	7.237	895	901	902	rBV4	265860	388539	9.89%	0.554%
20	7.260	902	905	908	rVV	1159015	1372459	34.93%	1.957%
21	7.289	908	910	914	rVV	1573457	1605073	40.85%	2.289%
22	7.331	914	917	921	rVV4	230915	318151	8.10%	0.454%
23	7.389	924	927	931	rBV2	581266	604058	15.37%	0.862%
24	7.507	944	947	950	rBV2	469354	458236	11.66%	0.654%
25	7.613	960	965	968	rVV4	146606	238605	6.07%	0.340%
26	7.648	968	971	973	rVV3	302903	297301	7.57%	0.424%
27	7.678	973	976	977	rVV	212685	203685	5.18%	0.291%
28	7.725	981	984	986	rBV4	382476	498058	12.68%	0.710%
29	7.772	989	992	997	rVB3	480364	577481	14.70%	0.824%
30	7.825	997	1001	1007	rBV3	909276	1188168	30.24%	1.695%
31	7.884	1007	1011	1014	rBV	795457	758949	19.31%	1.082%
32	7.989	1026	1029	1031	rBV	231023	216295	5.50%	0.308%
33	8.036	1033	1037	1040	rVV	2508196	2451122	62.38%	3.496%
34	8.072	1040	1043	1045	rVV	507533	526495	13.40%	0.751%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.125	1049	1052	1055	rVV3	312242	492885	12.54%	0.703%
36	8.154	1055	1057	1061	rVB2	291073	267981	6.82%	0.382%
37	8.195	1061	1064	1067	rBV4	143731	213892	5.44%	0.305%
38	8.248	1067	1073	1075	rBV5	219421	309473	7.88%	0.441%
39	8.278	1075	1078	1082	rBV2	900660	1001325	25.48%	1.428%
40	8.313	1082	1084	1087	rVB2	293985	294372	7.49%	0.420%
41	8.354	1087	1091	1093	rBV5	266019	285409	7.26%	0.407%
42	8.383	1093	1096	1097	rVV	317058	308321	7.85%	0.440%
43	8.401	1097	1099	1103	rVV3	401778	473002	12.04%	0.675%
44	8.442	1103	1106	1109	rVB3	505266	556965	14.17%	0.794%
45	8.483	1109	1113	1115	rBV	433975	438718	11.17%	0.626%
46	8.531	1118	1121	1124	rBV2	506186	560208	14.26%	0.799%
47	8.560	1124	1126	1128	rVV2	640302	610978	15.55%	0.871%
48	8.583	1128	1130	1132	rVB	588536	451404	11.49%	0.644%
49	8.666	1141	1144	1147	rBV4	130926	197776	5.03%	0.282%
50	8.731	1152	1155	1159	rBV	2445009	2480747	63.13%	3.538%
51	8.772	1159	1162	1165	rVV2	355766	377175	9.60%	0.538%
52	8.801	1165	1167	1173	rVB5	297094	446710	11.37%	0.637%
53	8.872	1173	1179	1181	rVB6	159040	273801	6.97%	0.391%
54	8.901	1181	1184	1187	rBV4	358873	429408	10.93%	0.612%
55	8.966	1191	1195	1197	rBV4	257992	328013	8.35%	0.468%
56	9.125	1217	1222	1224	rBV3	641062	951993	24.23%	1.358%
57	9.148	1224	1226	1231	rVB3	681005	701711	17.86%	1.001%
58	9.195	1231	1234	1237	rBV2	412681	382508	9.73%	0.546%
59	9.389	1262	1267	1272	rBV2	2668250	3929349	100.00%	5.604%
60	9.466	1277	1280	1282	rVV4	226467	288803	7.35%	0.412%
61	9.548	1291	1294	1299	rVB6	153388	265592	6.76%	0.379%
62	9.666	1309	1314	1318	rVV4	437405	820324	20.88%	1.170%
63	9.701	1318	1320	1324	rVV2	408075	512745	13.05%	0.731%
64	9.742	1324	1327	1330	rVV3	318077	455421	11.59%	0.650%
65	9.778	1330	1333	1336	rVV3	772247	895903	22.80%	1.278%
66	9.825	1338	1341	1347	rVB5	463925	646645	16.46%	0.922%
67	10.001	1367	1371	1375	rBV	2580902	2461116	62.63%	3.510%
68	10.042	1375	1378	1381	rBV4	174980	228065	5.80%	0.325%
69	10.119	1387	1391	1394	rBV4	247524	414522	10.55%	0.591%
70	10.272	1411	1417	1420	rBV	953049	1276161	32.48%	1.820%
71	10.330	1424	1427	1430	rBV	266958	259955	6.62%	0.371%

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72	10.372	1430	1434	1436	rBV	610858	627252	15.96%	0.895%
73	10.413	1440	1441	1446	rVB2	219265	204399	5.20%	0.292%
74	10.583	1466	1470	1472	rBV	2364956	2679596	68.19%	3.822%
75	10.819	1507	1510	1515	rBV	398940	627856	15.98%	0.895%
76	10.860	1515	1517	1521	rVB	282845	291257	7.41%	0.415%
77	10.901	1521	1524	1527	rBV	218737	204164	5.20%	0.291%
78	10.936	1527	1530	1534	rBV2	300219	331235	8.43%	0.472%
79	10.977	1534	1537	1541	rBV	329987	319801	8.14%	0.456%
80	11.136	1560	1564	1567	rBV	2084684	2272179	57.83%	3.241%
81	11.177	1567	1571	1574	rVB	901855	1017874	25.90%	1.452%
82	11.219	1574	1578	1581	rBV	874625	814672	20.73%	1.162%
83	11.354	1598	1601	1604	rBV	213024	308219	7.84%	0.440%
84	11.513	1625	1628	1631	rBV2	234404	257373	6.55%	0.367%
85	11.666	1650	1654	1658	rVV	1887295	1908940	48.58%	2.723%
86	11.783	1671	1674	1681	rVB	639417	642584	16.35%	0.916%
87	11.871	1686	1689	1694	rVB3	150954	255359	6.50%	0.364%
88	11.983	1705	1708	1712	rVB	179230	236324	6.01%	0.337%
89	12.024	1712	1715	1719	rBV2	204112	238636	6.07%	0.340%
90	12.166	1735	1739	1743	rVB	1586118	1515531	38.57%	2.161%
91	12.513	1795	1798	1804	rVB3	218477	310848	7.91%	0.443%
92	12.624	1812	1817	1819	rBV	2307786	2435513	61.98%	3.474%
93	12.654	1819	1822	1825	rVB	2627918	2811333	71.55%	4.010%
94	12.760	1837	1840	1846	rVB4	283854	332459	8.46%	0.474%
95	13.101	1895	1898	1903	rBV	674161	701475	17.85%	1.000%
96	13.189	1909	1913	1919	rVB	468947	472676	12.03%	0.674%
97	13.542	1970	1973	1980	rVB	464118	479380	12.20%	0.684%
98	13.965	2041	2045	2048	rBV	243217	256775	6.53%	0.366%
99	14.460	2124	2129	2133	rBV	679637	721996	18.37%	1.030%
100	16.083	2401	2405	2419	rVB	572808	740050	18.83%	1.055%

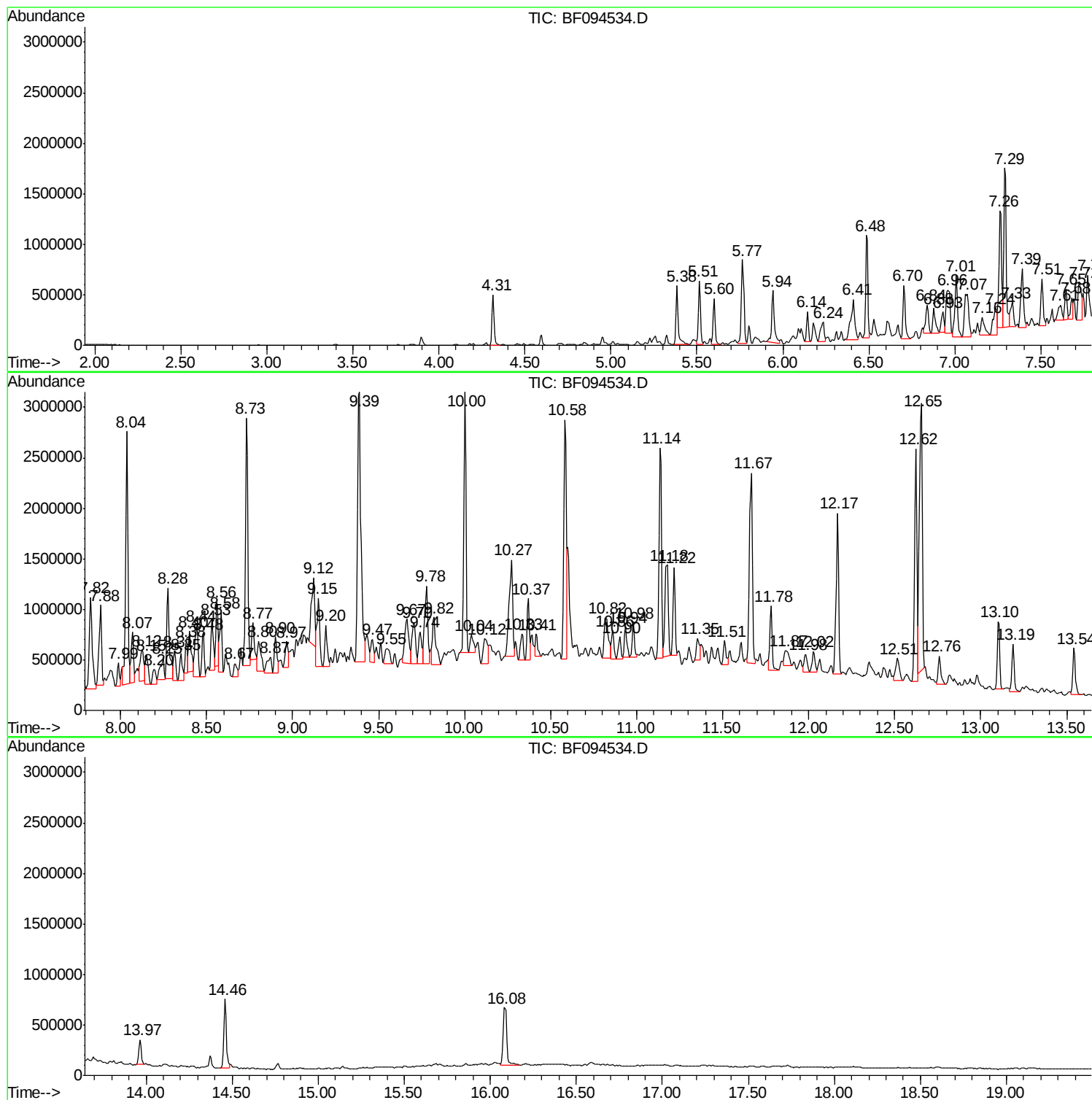
Sum of corrected areas: 70114902

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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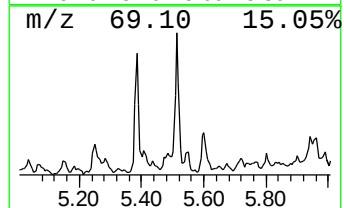
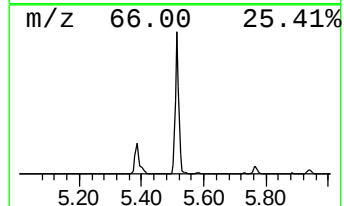
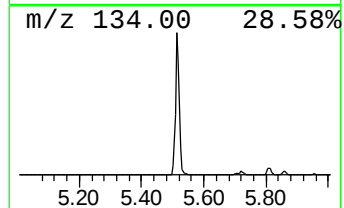
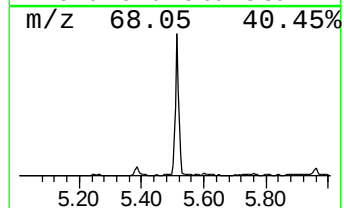
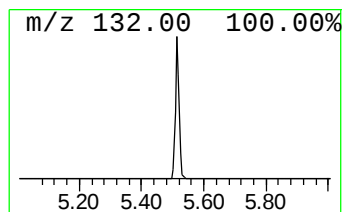
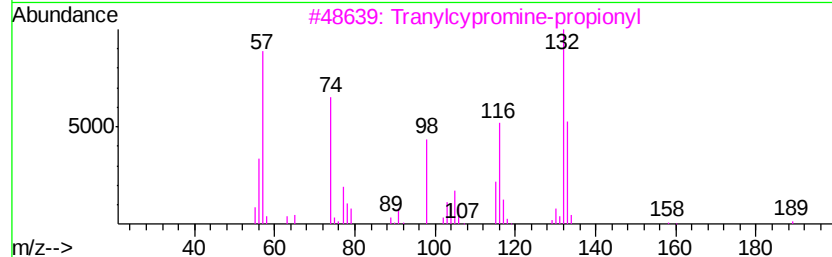
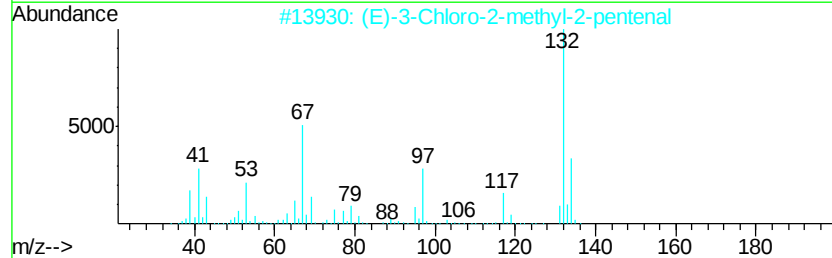
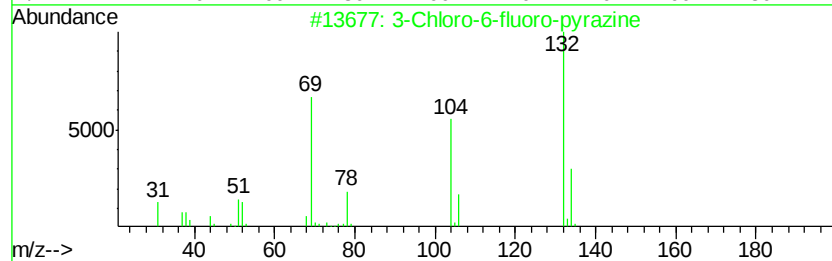
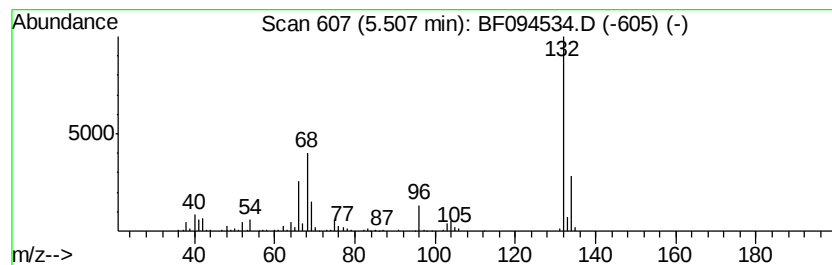
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.51 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	15.39 ng	562172	1,4-Dichlorobenzene-d4	5.77

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	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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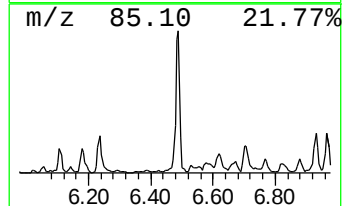
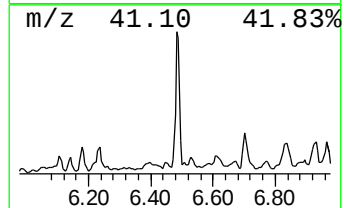
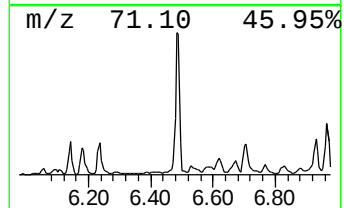
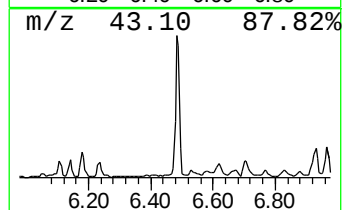
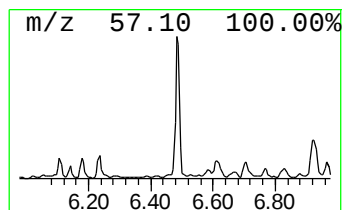
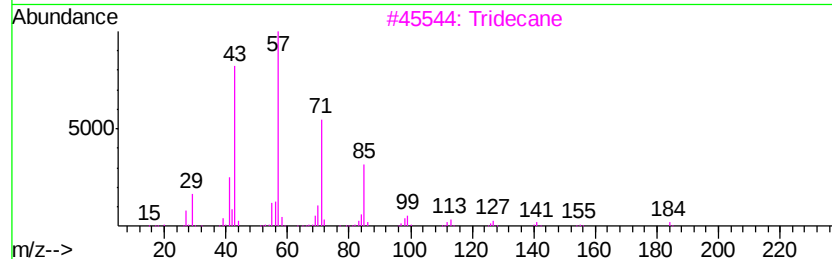
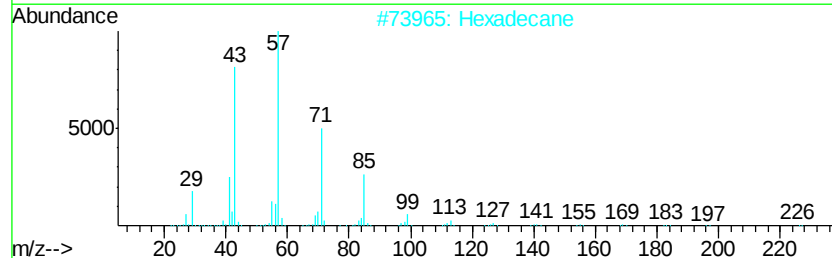
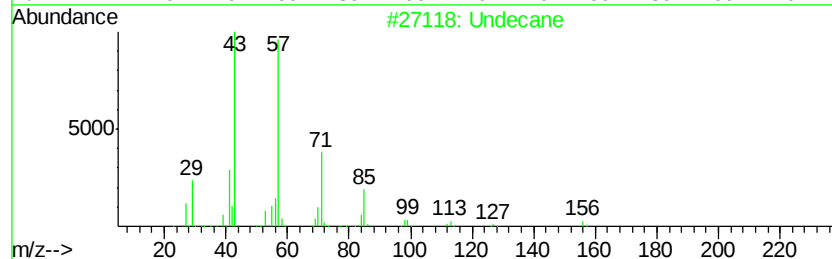
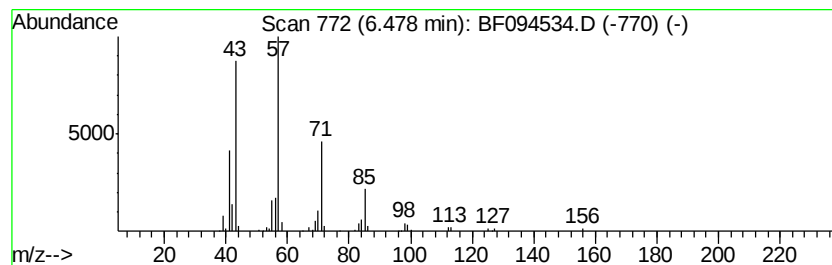
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	25.85 ng	944100	1,4-Dichlorobenzene-d4	5.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Eicosane		282	C20H42	000112-95-8	83
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	83



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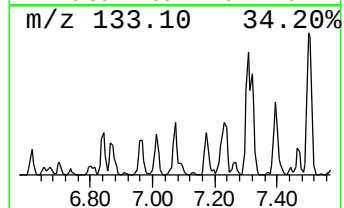
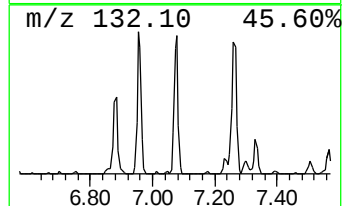
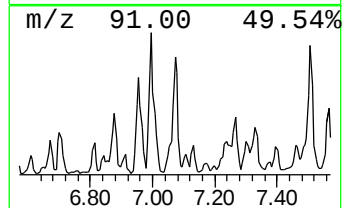
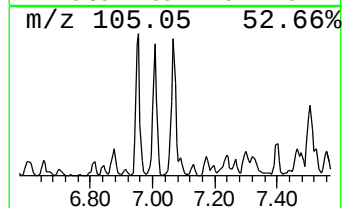
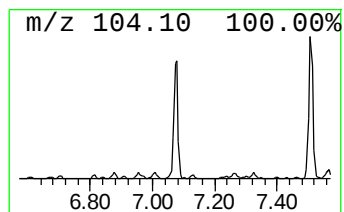
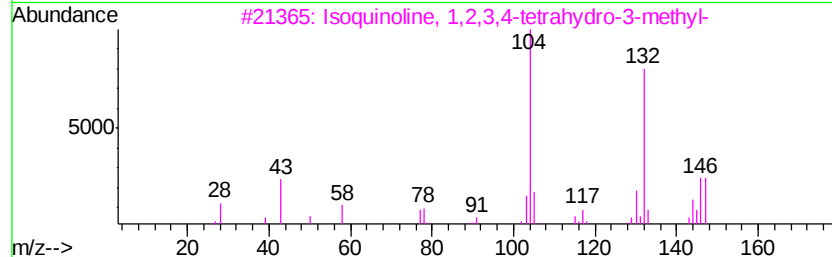
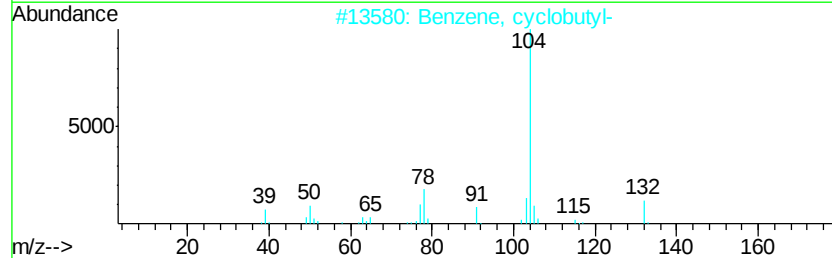
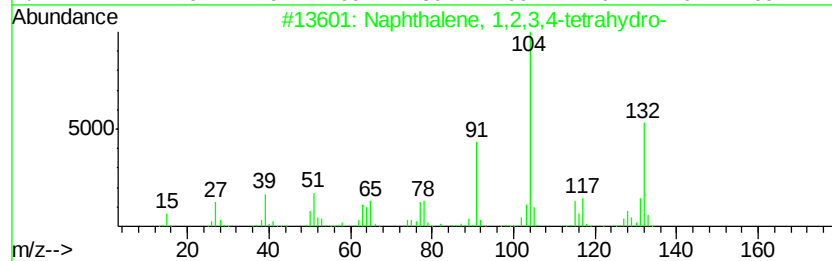
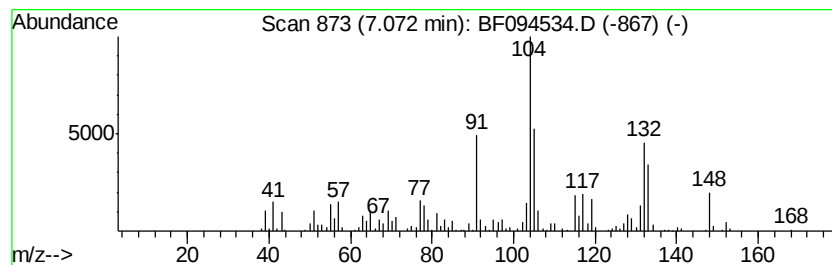
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	11.84 ng	812669	Naphthalene-d8	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
2		Benzene, cyclobutyl-	132	C10H12	004392-30-7	47
3		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	47
4		Benzenebutanal	148	C10H12O	018328-11-5	45
5		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43



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Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
Operator : SJ/MA
Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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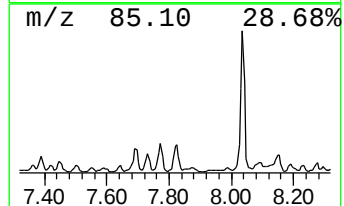
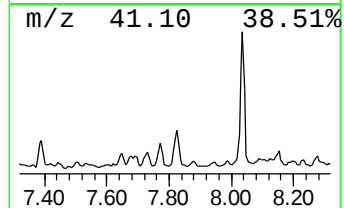
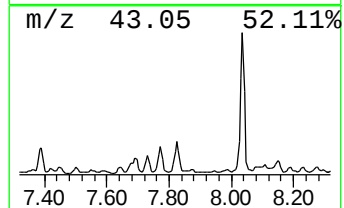
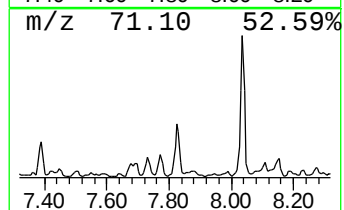
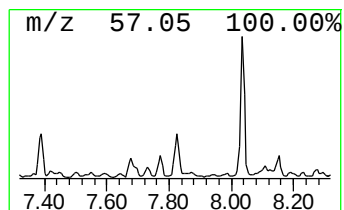
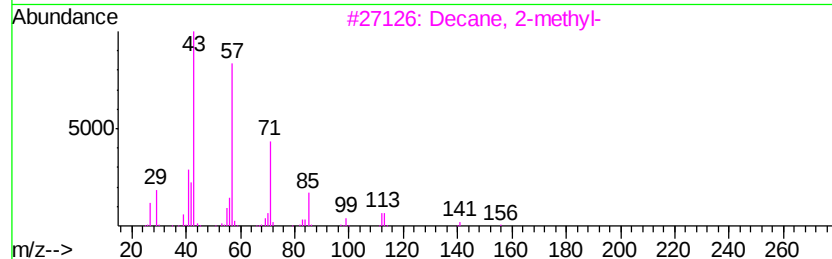
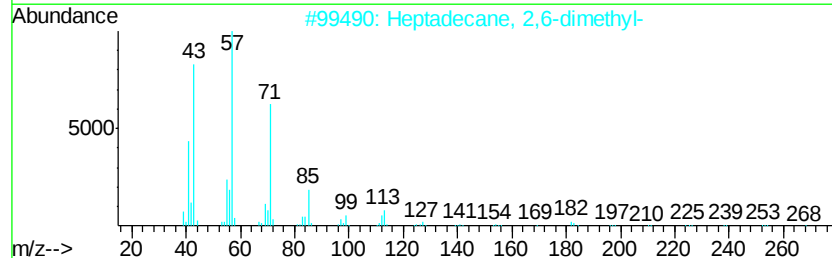
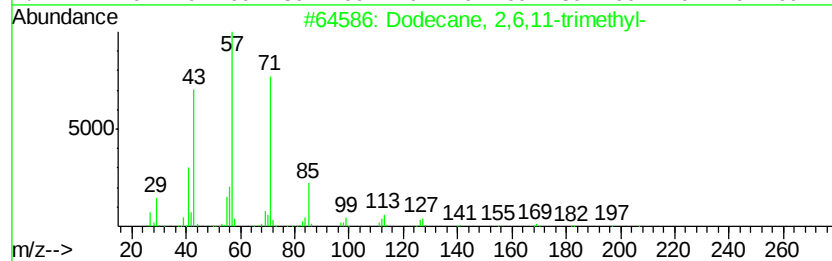
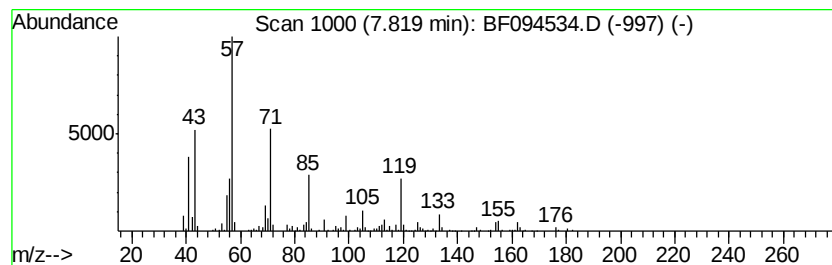
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	17.31 ng	1188170	Naphthalene-d8	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
3		Decane, 2-methyl-	156	C11H24	006975-98-0	49
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
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Sample : I2680-03 5X
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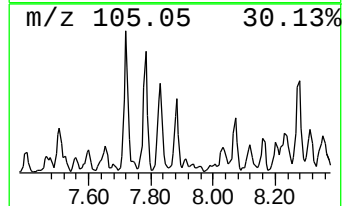
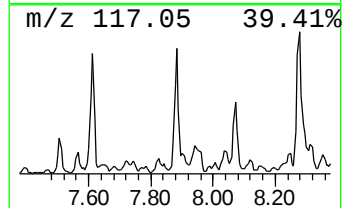
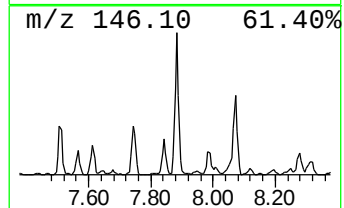
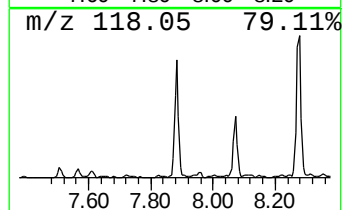
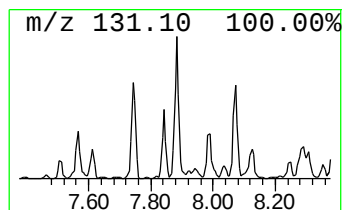
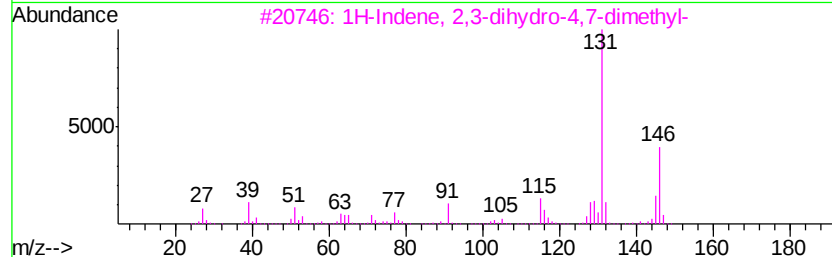
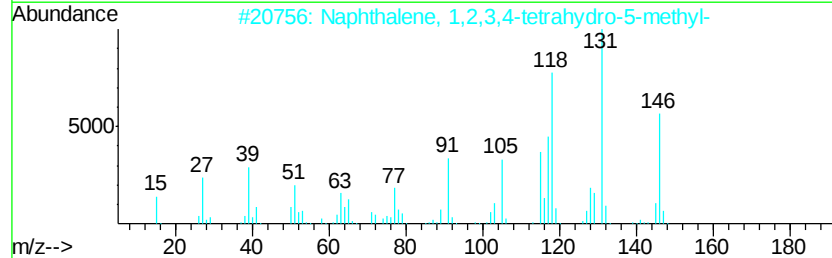
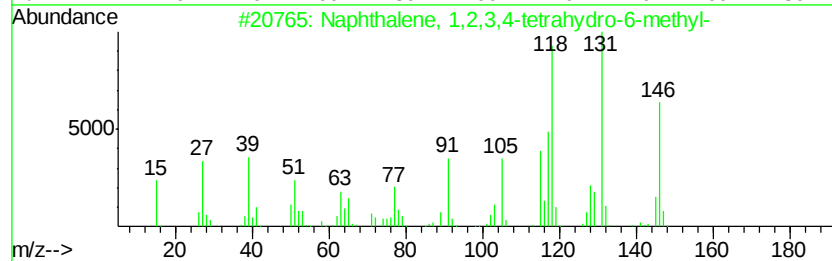
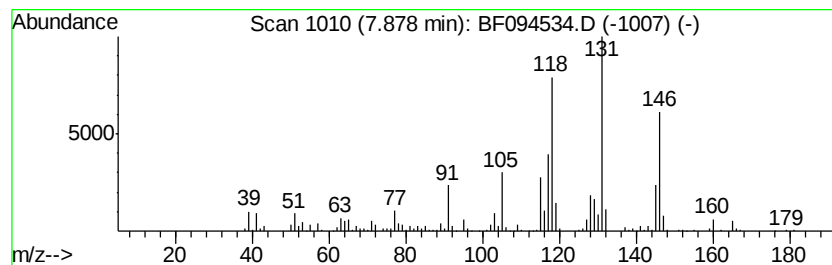
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	11.06 ng	758949	Naphthalene-d8	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70



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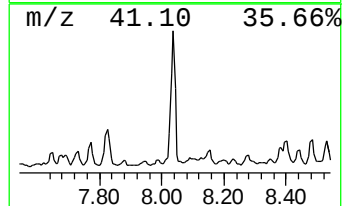
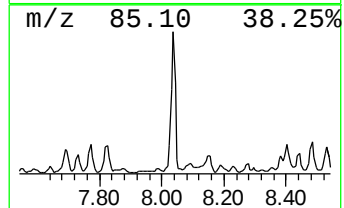
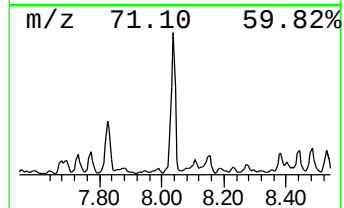
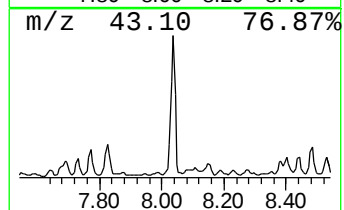
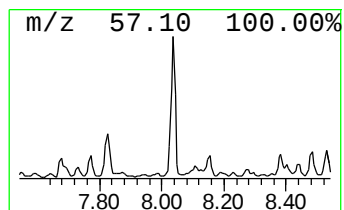
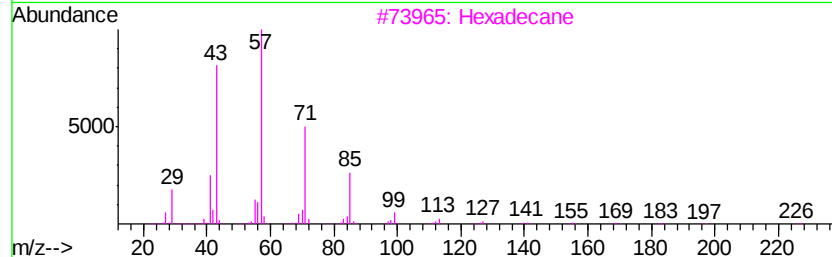
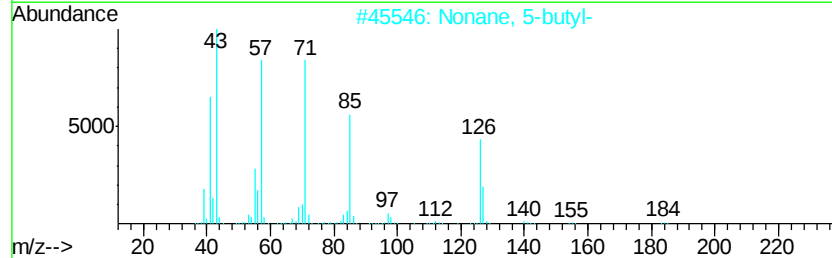
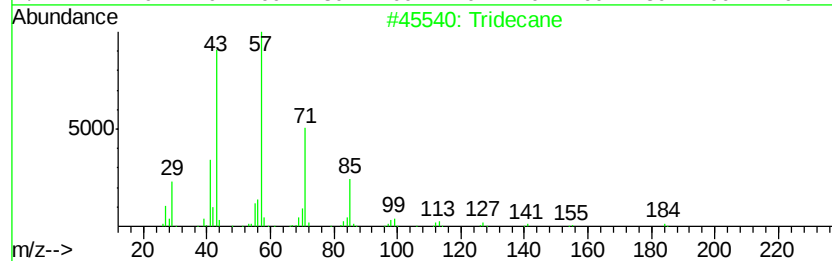
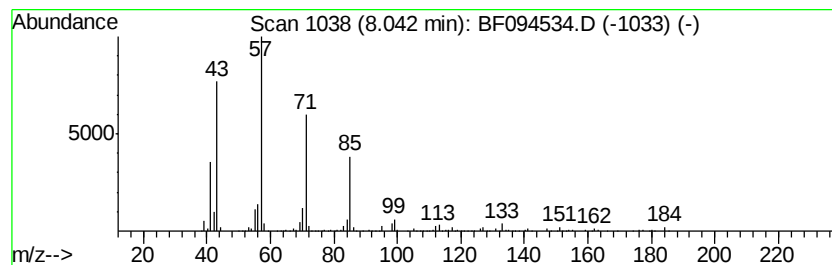
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	35.72 ng	2451120	Naphthalene-d8	7.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	72



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
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Sample : I2680-03 5X
Misc :
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Instrument :
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ClientSampleId :
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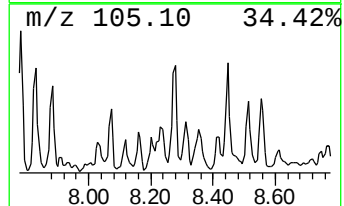
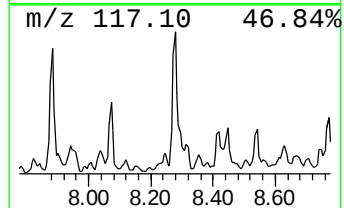
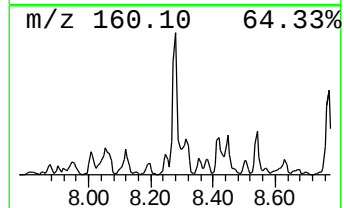
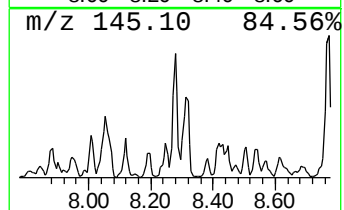
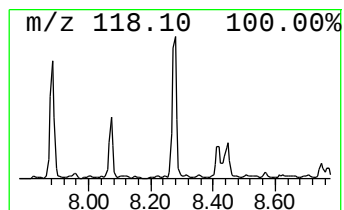
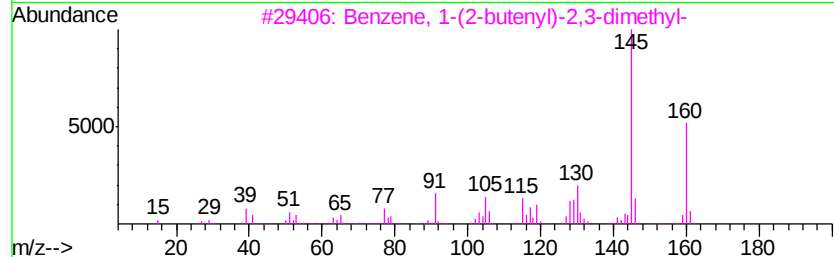
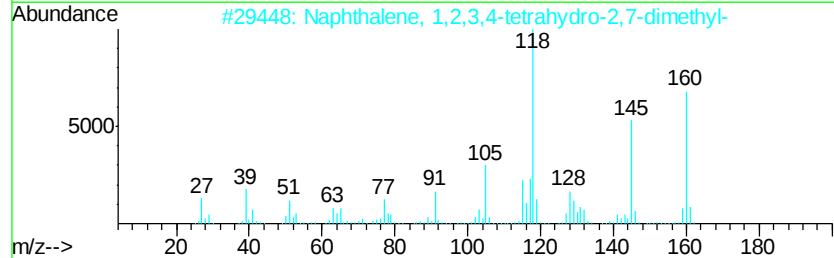
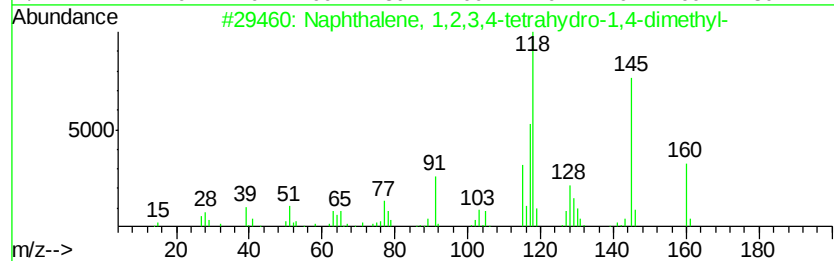
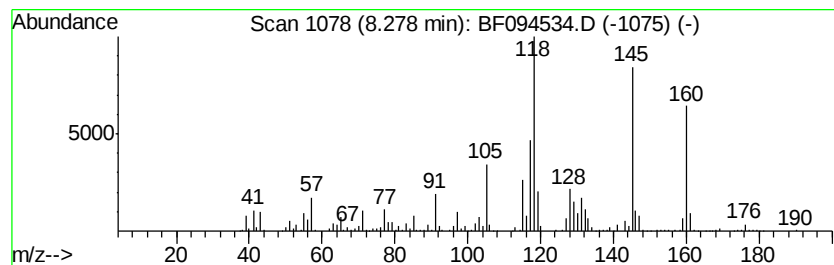
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	14.59 ng	1001330	Naphthalene-d8	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
4		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
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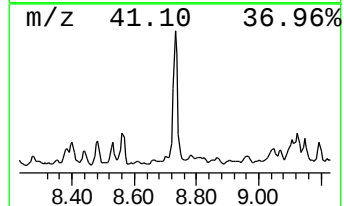
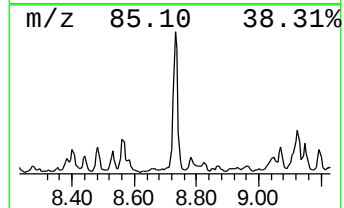
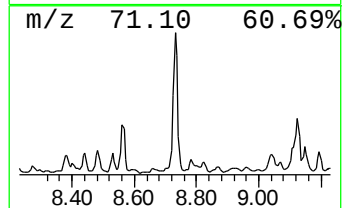
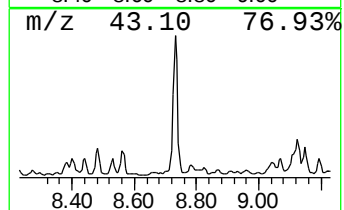
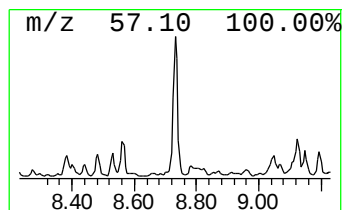
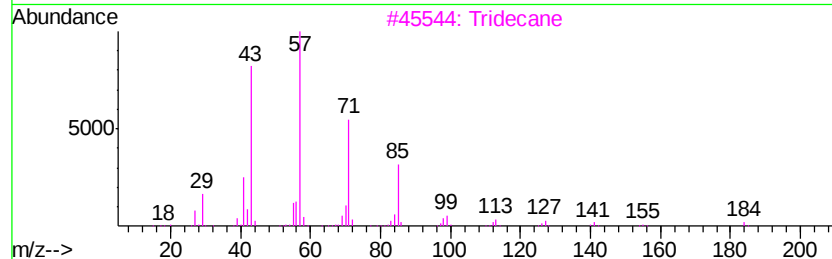
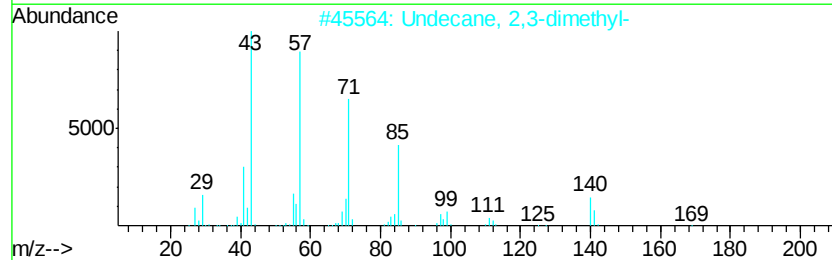
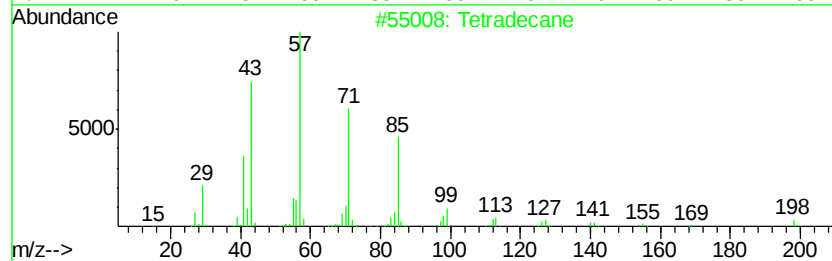
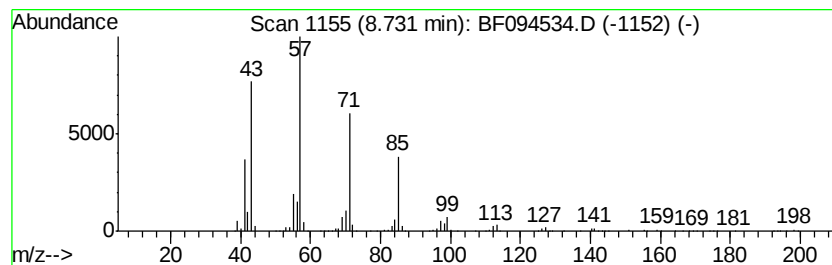
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	12.63 ng	2480750	Acenaphthene-d10	9.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5 90
3		Tridecane	184 C13H28	000629-50-5 90
4		Nonane, 5-butyl-	184 C13H28	017312-63-9 86
5		Pentadecane	212 C15H32	000629-62-9 83



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
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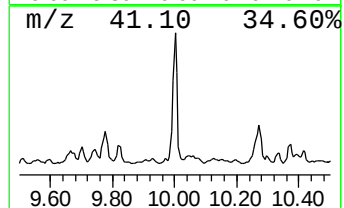
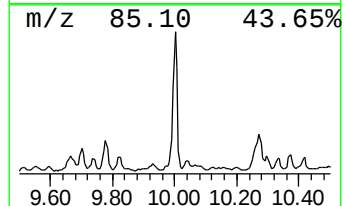
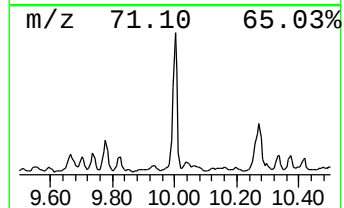
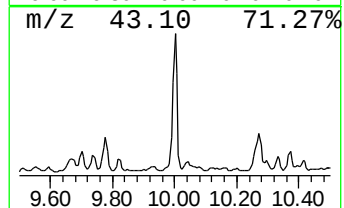
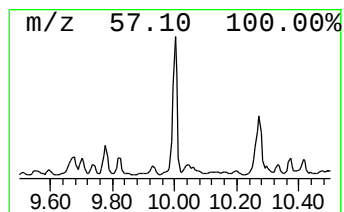
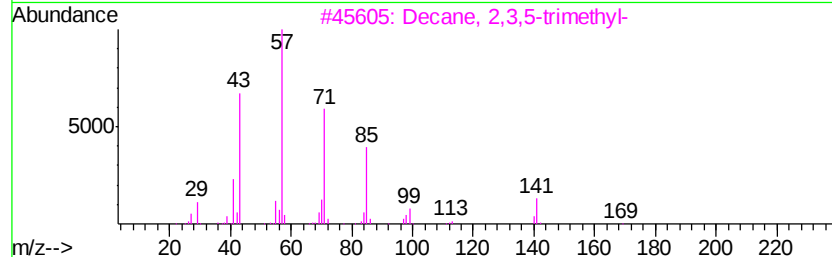
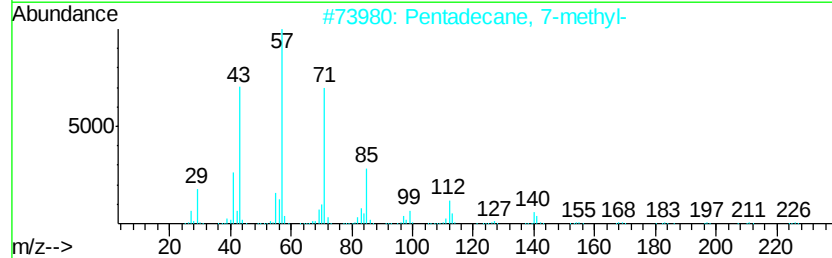
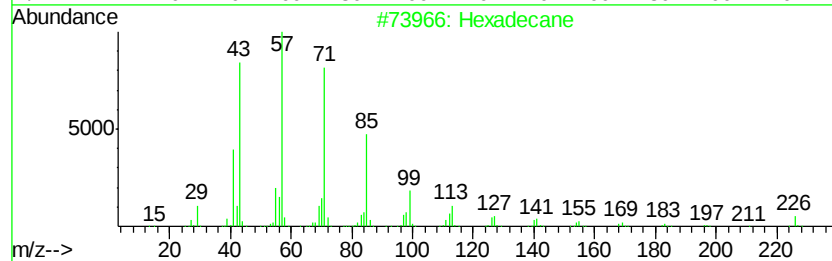
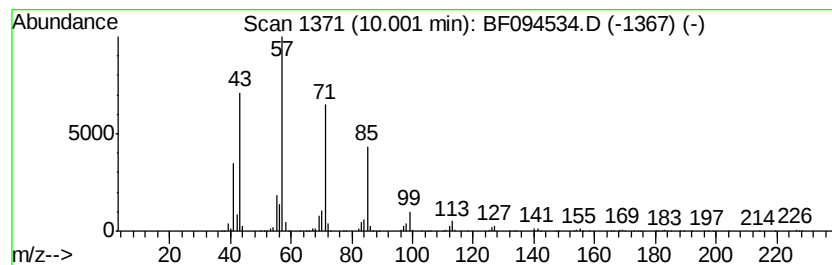
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.00	12.53 ng	2461120	Acenaphthene-d10		9.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	87
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
5	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	78



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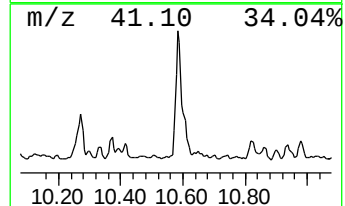
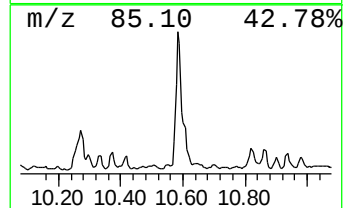
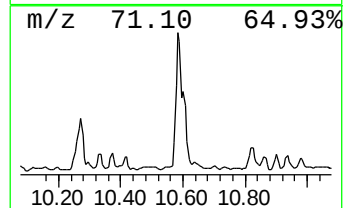
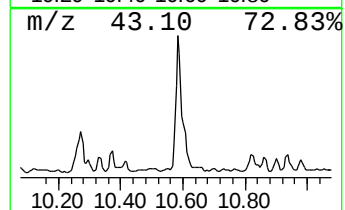
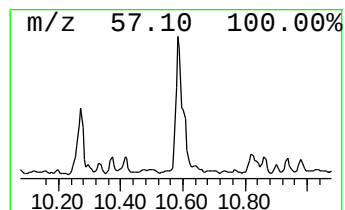
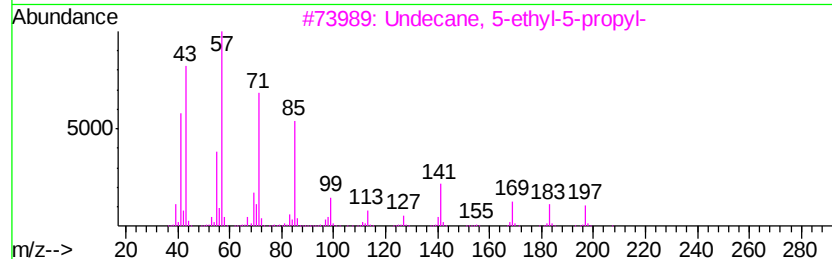
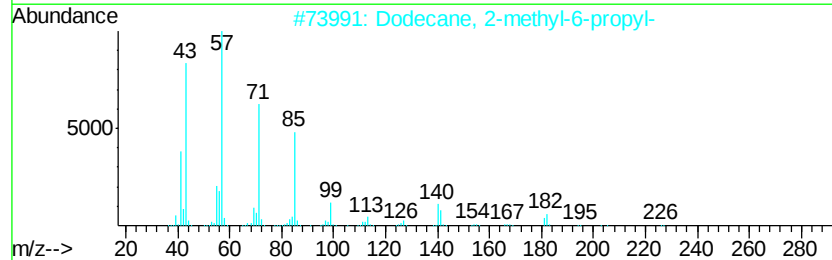
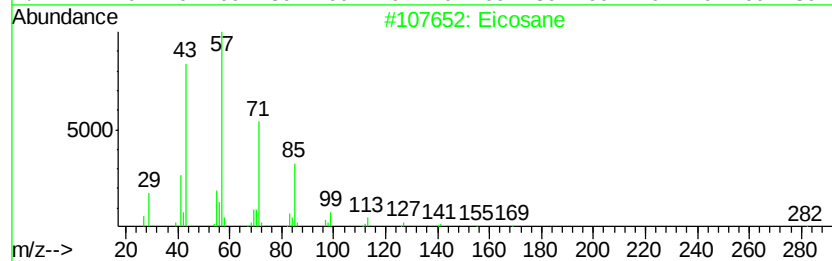
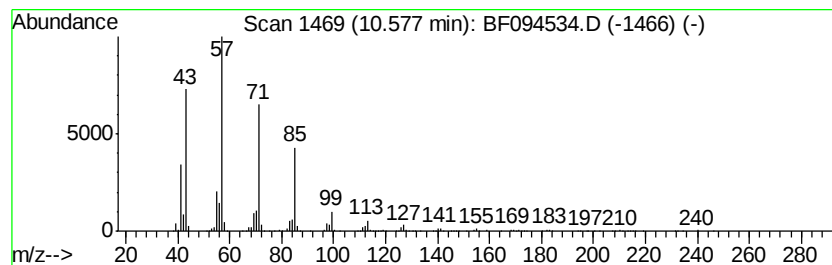
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.58	65.78 ng	2679600	Phenanthrene-d10			11.22
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	83
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
3	Undecane, 5-ethyl-5-propyl-		226	C16H34	002755-07-9	78
4	Tridecane		184	C13H28	000629-50-5	72
5	Hexadecane		226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
Operator : SJ/MA
Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

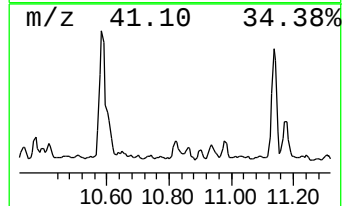
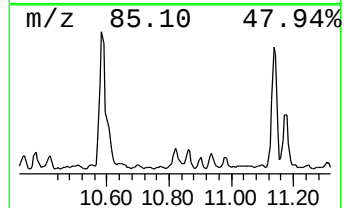
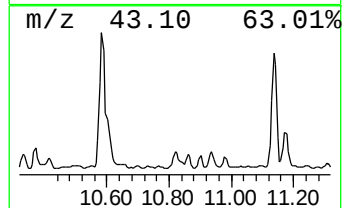
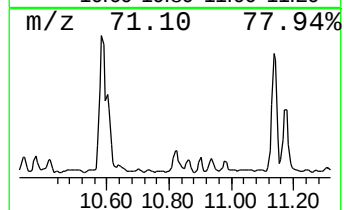
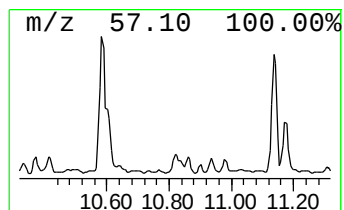
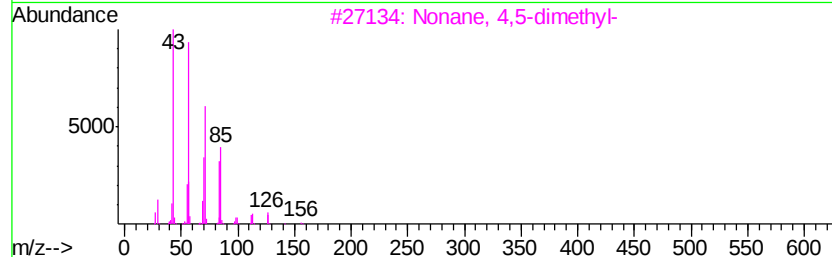
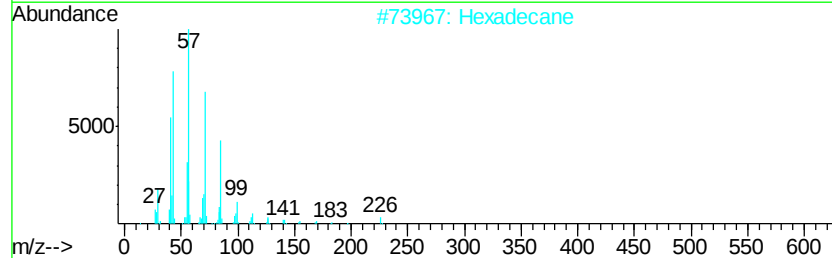
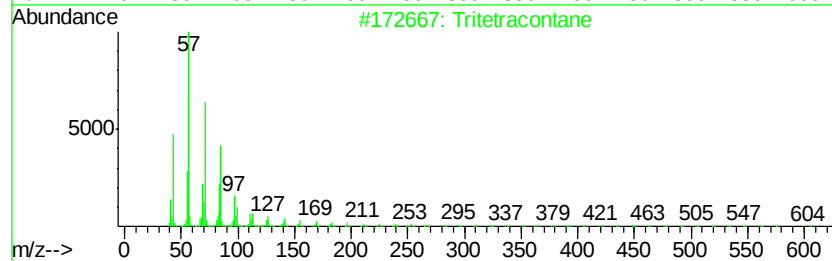
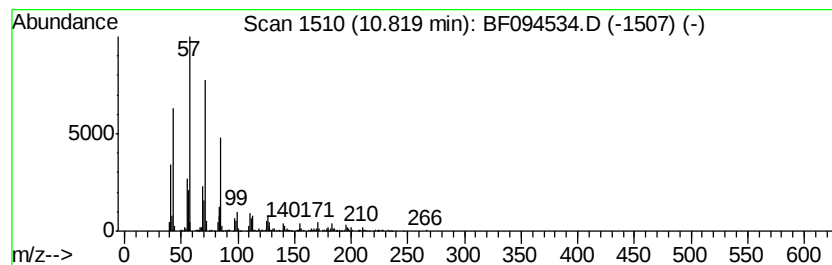
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.82	15.41 ng	627856	Phenanthrene-d10		11.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
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Sample : I2680-03 5X
Misc :
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Instrument :
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ClientSampleId :
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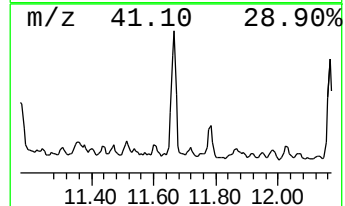
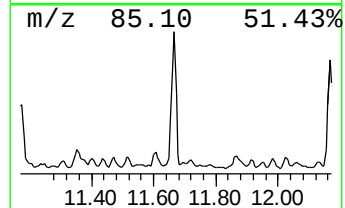
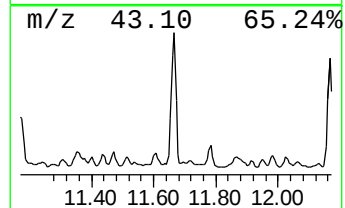
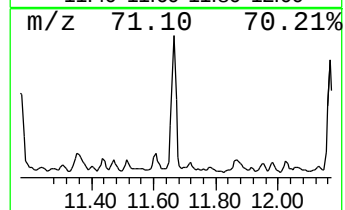
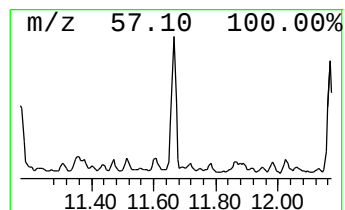
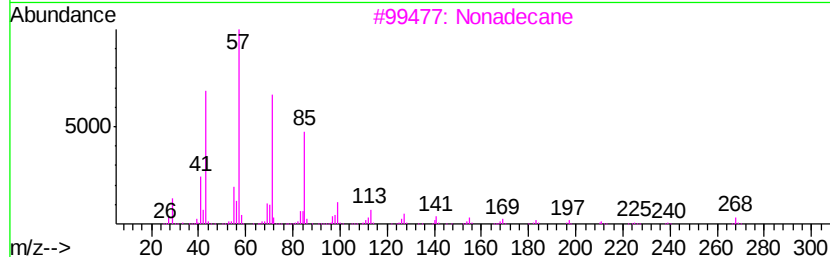
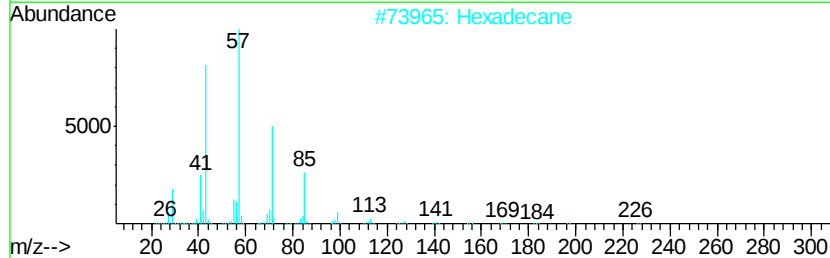
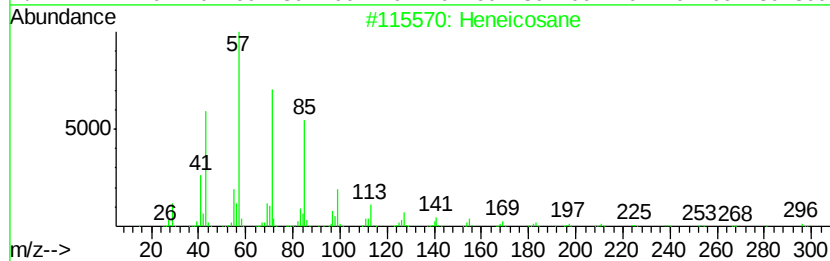
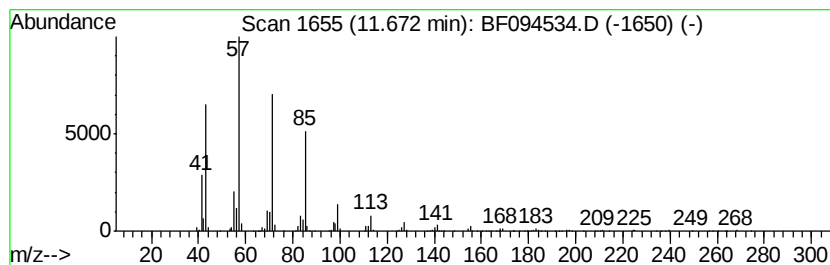
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	46.86 ng	1908940	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
Operator : SJ/MA
Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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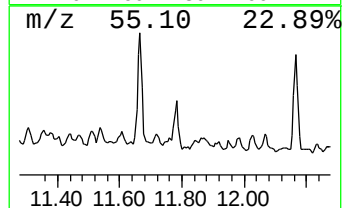
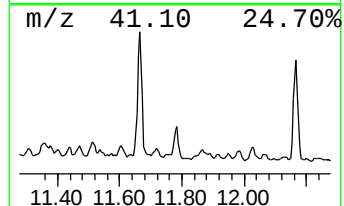
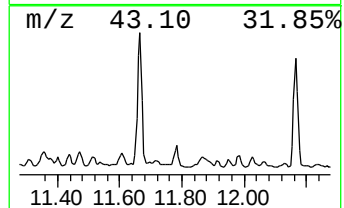
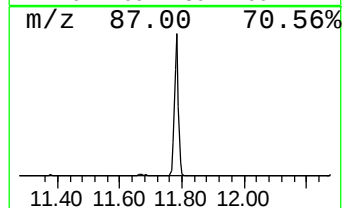
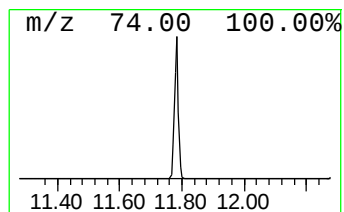
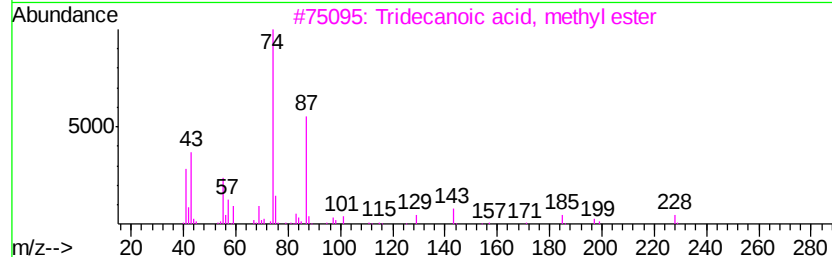
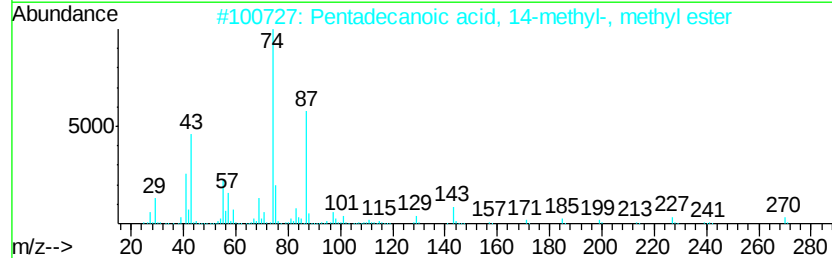
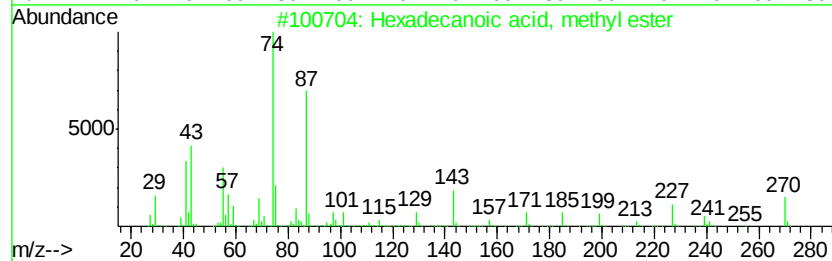
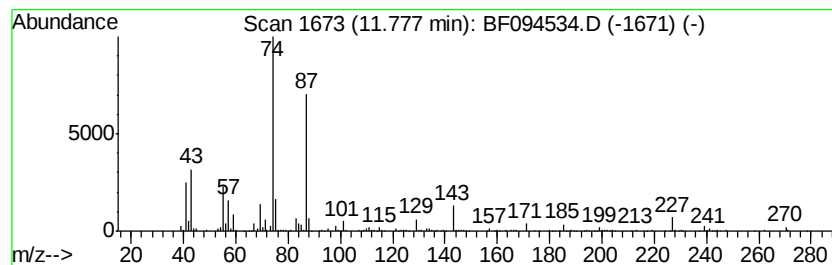
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	15.78 ng	642584	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
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Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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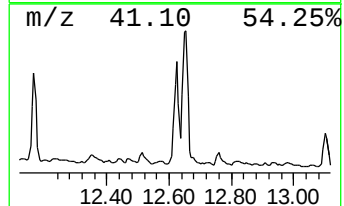
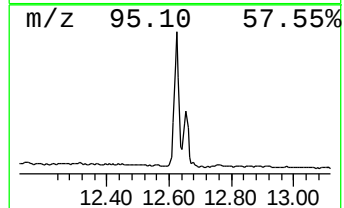
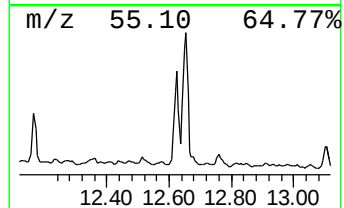
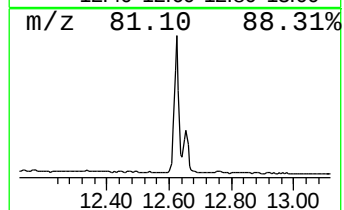
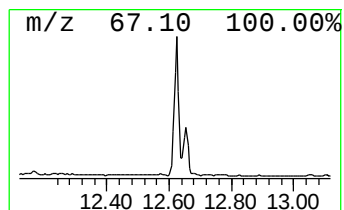
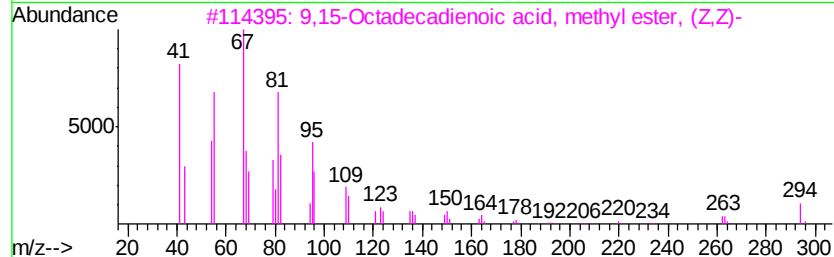
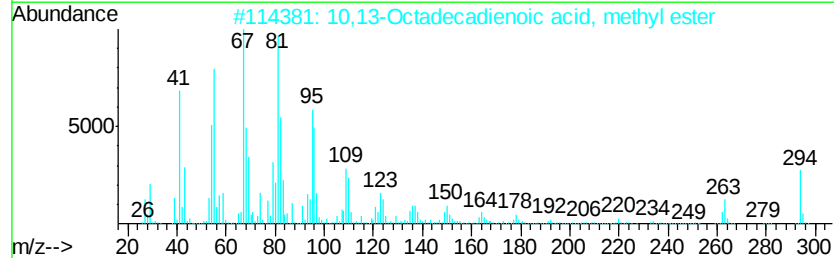
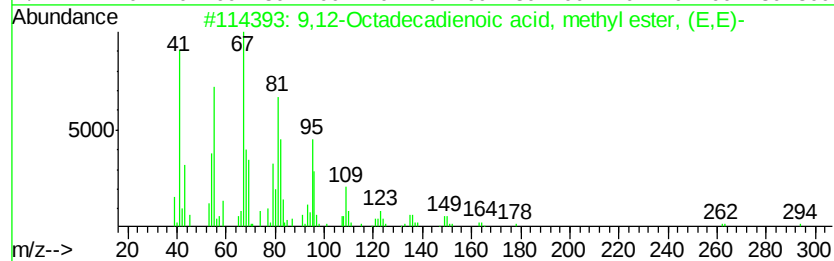
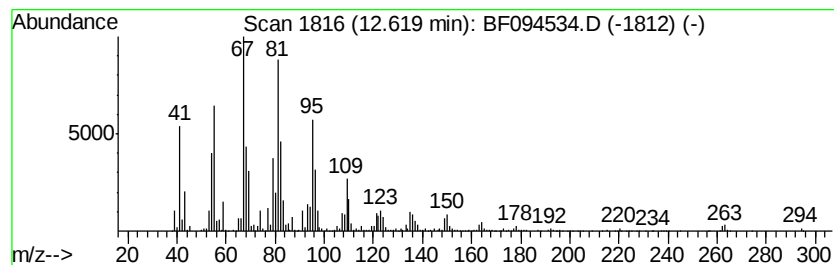
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	59.79 ng	2435510	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
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Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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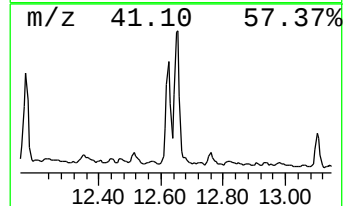
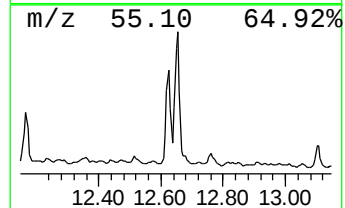
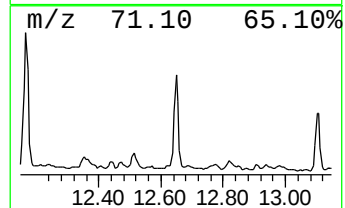
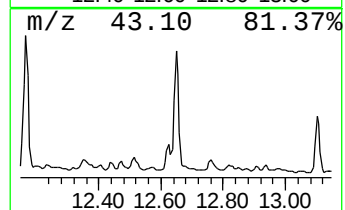
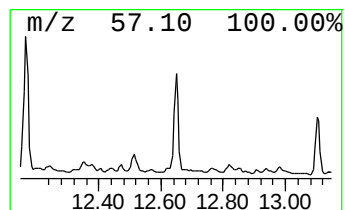
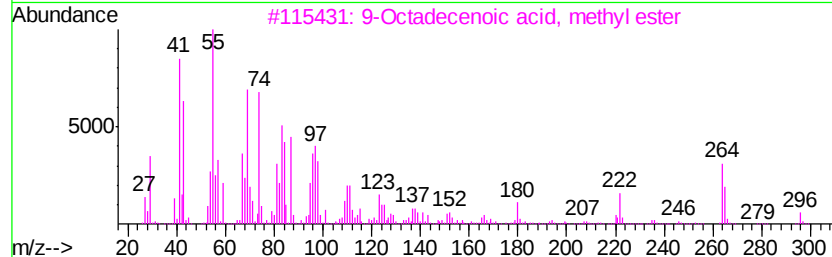
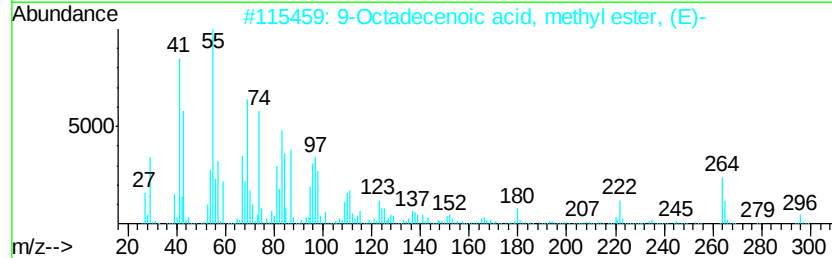
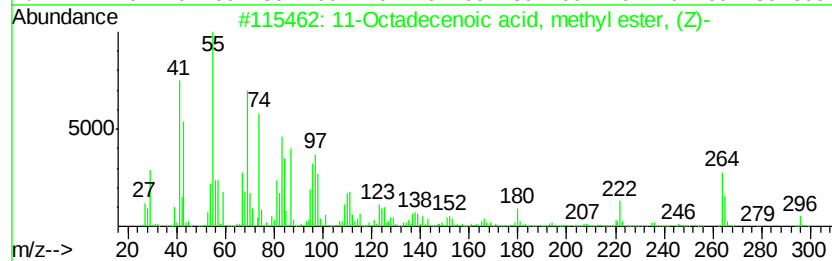
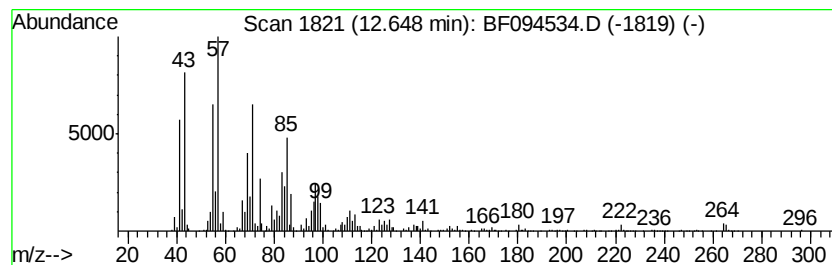
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	69.02 ng	2811330	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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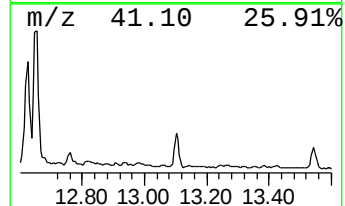
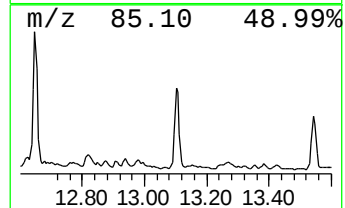
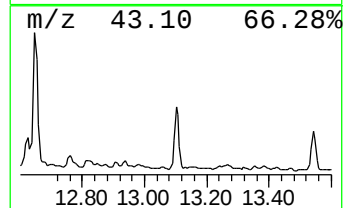
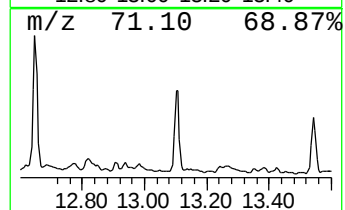
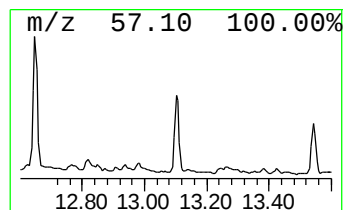
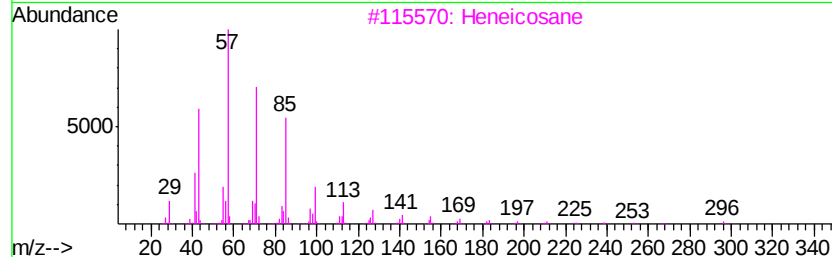
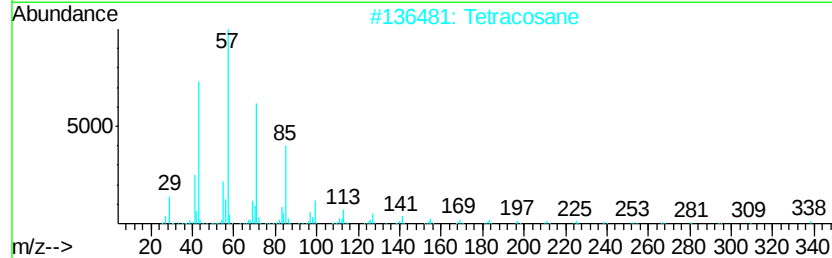
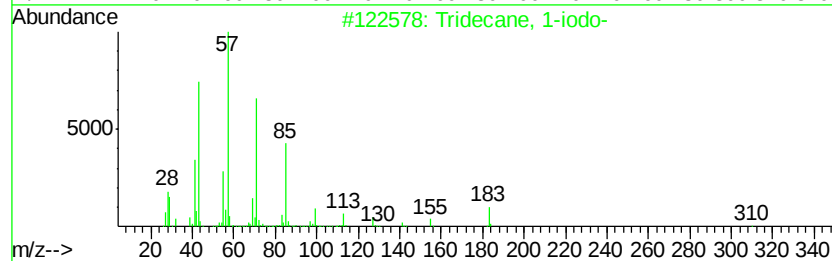
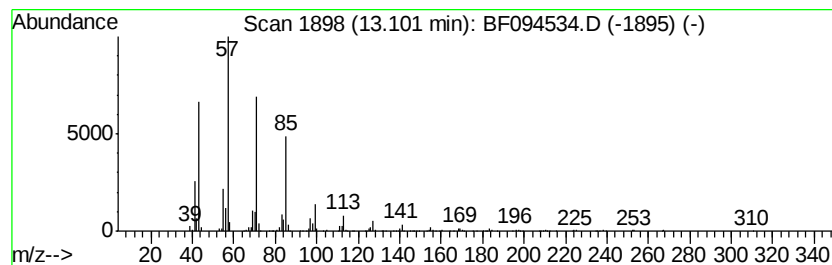
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	19.43 ng	701475	Chrysene-d12	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
Data File : BF094534.D
Acq On : 19 Apr 2017 23:44
Operator : SJ/MA
Sample : I2680-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

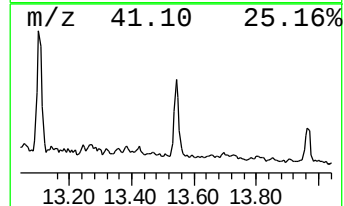
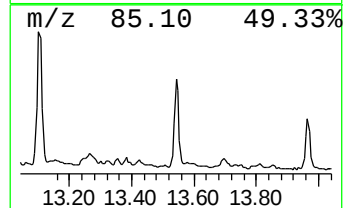
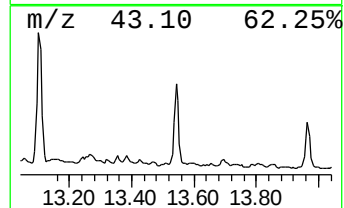
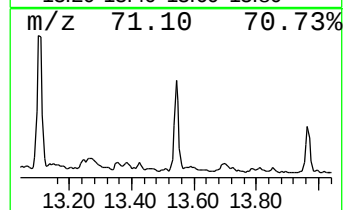
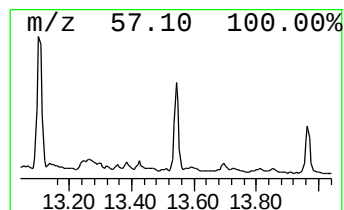
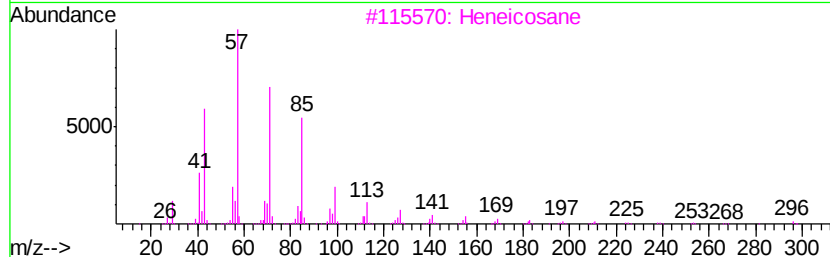
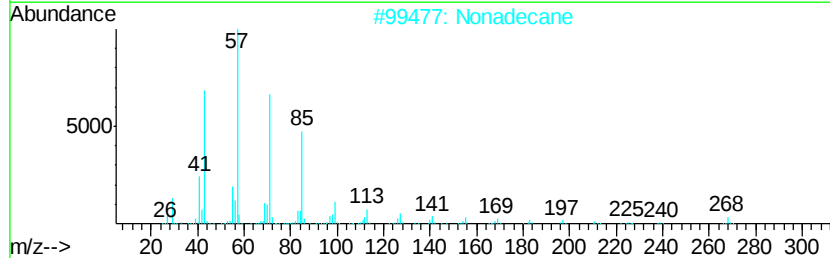
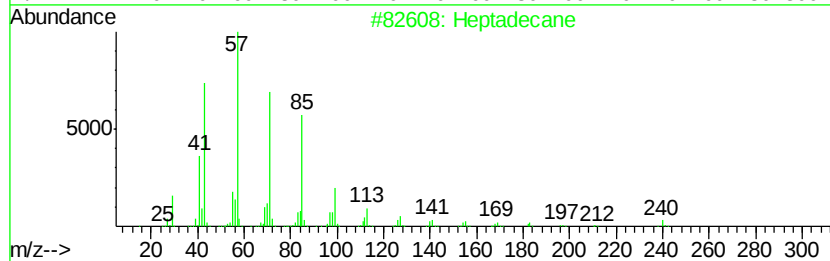
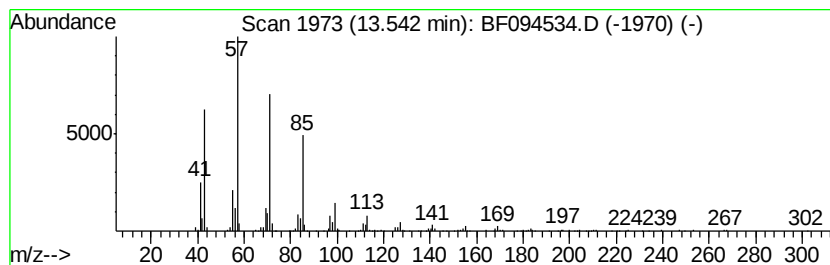
Instrument :
BNA_F
ClientSampleId :
1052

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	13.28 ng	479380	Chrysene-d12	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Nonadecane	268 C19H40	000629-92-5	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Hexadecane	226 C16H34	000544-76-3	91
5	Eicosane	282 C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF041917\
 Data File : BF094534.D
 Acq On : 19 Apr 2017 23:44
 Operator : SJ/MA
 Sample : I2680-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1052

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.51	5.51	15.4	ng	562172	1	5.77	730358	20.0
Undecane	6.48	25.9	ng	944100	1	5.77	730358	20.0
Naphthalene, 1,2,...	7.07	11.8	ng	812669	2	7.26	1372460	20.0
Dodecane, 2,6,11-...	7.82	17.3	ng	1188170	2	7.26	1372460	20.0
Naphthalene, 1,2,...	7.88	11.1	ng	758949	2	7.26	1372460	20.0
Tridecane	8.04	35.7	ng	2451120	2	7.26	1372460	20.0
Naphthalene, 1,2,...	8.28	14.6	ng	1001330	2	7.26	1372460	20.0
Tetradecane	8.73	12.6	ng	2480750	3	9.40	3929350	20.0
Hexadecane	10.00	12.5	ng	2461120	3	9.40	3929350	20.0
Eicosane	10.58	65.8	ng	2679600	4	11.22	814672	20.0
Tritetracontane	10.82	15.4	ng	627856	4	11.22	814672	20.0
Heneicosane	11.67	46.9	ng	1908940	4	11.22	814672	20.0
Hexadecanoic acid...	11.78	15.8	ng	642584	4	11.22	814672	20.0
9,12-Octadecadien...	12.62	59.8	ng	2435510	4	11.22	814672	20.0
11-Octadecenoic a...	12.65	69.0	ng	2811330	4	11.22	814672	20.0
Tridecane, 1-iodo-	13.10	19.4	ng	701475	5	14.46	721996	20.0
Heptadecane	13.54	13.3	ng	479380	5	14.46	721996	20.0