

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102523.D
 Acq On : 27 Jan 2018 21:09
 Operator : SJ/JU
 Sample : J1009-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-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-BF012218.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	5.334	547	552	571	rBV	3072645	3423058	29.66%	3.783%
2	6.234	702	705	709	rBV	108848	119864	1.04%	0.132%
3	6.363	722	727	737	rBV	3124125	3575144	30.98%	3.951%
4	6.487	744	748	751	rVV	3516746	3358658	29.10%	3.712%
5	6.545	754	758	760	rBV2	398441	343345	2.98%	0.379%
6	6.716	784	787	793	rVB2	1165618	1052989	9.12%	1.164%
7	6.769	793	796	798	rBV2	159299	129972	1.13%	0.144%
8	6.869	808	813	819	rBV	2716803	2608044	22.60%	2.883%
9	6.987	827	833	835	rVB5	161705	216009	1.87%	0.239%
10	7.051	842	844	847	rVV2	179211	159166	1.38%	0.176%
11	7.104	848	853	855	rVV2	319731	334577	2.90%	0.370%
12	7.245	871	877	880	rVV3	229250	363551	3.15%	0.402%
13	7.287	880	884	886	rVV	2209324	2212789	19.18%	2.446%
14	7.310	886	888	891	rVV	1382304	1022085	8.86%	1.130%
15	7.357	891	896	899	rVB4	239856	350835	3.04%	0.388%
16	7.398	899	903	905	rBV3	135541	189184	1.64%	0.209%
17	7.422	905	907	911	rVV4	127312	149763	1.30%	0.166%
18	7.487	916	918	920	rVV2	234714	212791	1.84%	0.235%
19	7.516	920	923	926	rVB2	392444	371900	3.22%	0.411%
20	7.634	941	943	947	rVB3	366434	337943	2.93%	0.374%
21	7.681	947	951	953	rVB3	150754	157932	1.37%	0.175%
22	7.710	953	956	958	rBV3	161305	122629	1.06%	0.136%
23	7.739	958	961	967	rBV3	426637	537003	4.65%	0.594%
24	7.869	979	983	986	rBV5	151651	198385	1.72%	0.219%
25	7.945	991	996	998	rBV4	176471	259721	2.25%	0.287%
26	7.981	998	1002	1004	rVV	2196234	2256210	19.55%	2.494%
27	7.998	1004	1005	1008	rVV	1464323	917133	7.95%	1.014%
28	8.057	1011	1015	1017	rVB	834713	788817	6.84%	0.872%
29	8.081	1017	1019	1023	rBV3	148869	151288	1.31%	0.167%
30	8.198	1036	1039	1041	rVB2	191211	185295	1.61%	0.205%
31	8.287	1048	1054	1059	rBV7	419836	622958	5.40%	0.689%
32	8.339	1060	1063	1065	rVB	212388	160183	1.39%	0.177%
33	8.369	1065	1068	1072	rVB3	474516	506443	4.39%	0.560%
34	8.416	1072	1076	1078	rBV	1499695	1281884	11.11%	1.417%

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35	8.451	1081	1082	1086	rVB2	150264	154014	1.33%	0.170%
36	8.498	1087	1090	1093	rVB2	219471	174961	1.52%	0.193%
37	8.534	1093	1096	1098	rBV4	144343	157325	1.36%	0.174%
38	8.586	1102	1105	1108	rBV	2424736	2103631	18.23%	2.325%
39	8.645	1113	1115	1118	rVV4	205201	241822	2.10%	0.267%
40	8.681	1118	1121	1124	rVB3	333765	348535	3.02%	0.385%
41	8.710	1124	1126	1129	rBV	227213	165834	1.44%	0.183%
42	8.769	1134	1136	1139	rBV3	136693	162138	1.41%	0.179%
43	8.816	1141	1144	1146	rVB2	256729	268143	2.32%	0.296%
44	8.869	1151	1153	1155	rVV3	214936	204415	1.77%	0.226%
45	8.898	1155	1158	1163	rVB4	301700	480030	4.16%	0.531%
46	8.951	1163	1167	1170	rBV	468196	470682	4.08%	0.520%
47	8.986	1170	1173	1175	rBV2	271345	246358	2.13%	0.272%
48	9.016	1175	1178	1181	rVV	1291610	1023688	8.87%	1.131%
49	9.075	1183	1188	1191	rBV	3245992	2797701	24.24%	3.092%
50	9.151	1196	1201	1206	rBV2	2822850	3000237	26.00%	3.316%
51	9.192	1206	1208	1211	rVV3	162942	207078	1.79%	0.229%
52	9.222	1211	1213	1216	rVV4	177008	182044	1.58%	0.201%
53	9.269	1219	1221	1224	rVB2	147458	127393	1.10%	0.141%
54	9.339	1229	1233	1236	rVV	406945	522677	4.53%	0.578%
55	9.381	1237	1240	1242	rVV3	178325	210994	1.83%	0.233%
56	9.410	1242	1245	1247	rVV2	579432	683543	5.92%	0.755%
57	9.439	1247	1250	1251	rVV2	351257	422509	3.66%	0.467%
58	9.469	1251	1255	1257	rVV3	1739832	1931895	16.74%	2.135%
59	9.492	1257	1259	1263	rVV3	400104	435086	3.77%	0.481%
60	9.528	1263	1265	1267	rVV	391369	313925	2.72%	0.347%
61	9.563	1269	1271	1274	rVB3	184523	186815	1.62%	0.206%
62	9.610	1276	1279	1281	rBV3	235231	221552	1.92%	0.245%
63	9.633	1281	1283	1285	rVV2	184347	161104	1.40%	0.178%
64	9.657	1285	1287	1288	rVV	317956	240618	2.09%	0.266%
65	9.681	1288	1291	1294	rVV	2565053	1967477	17.05%	2.175%
66	9.728	1295	1299	1300	rBV3	186176	256461	2.22%	0.283%
67	9.751	1300	1303	1306	rVV2	1295833	1165594	10.10%	1.288%
68	9.786	1306	1309	1312	rVB2	176529	177847	1.54%	0.197%
69	9.857	1317	1321	1325	rVB	192839	237593	2.06%	0.263%
70	9.904	1325	1329	1332	rBV4	182390	275706	2.39%	0.305%
71	9.939	1332	1335	1336	rBV	165105	151561	1.31%	0.168%

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72	9.998	1342	1345	1349	rVB3	397466	455272	3.95%	0.503%
73	10.069	1354	1357	1360	rBV	189536	227500	1.97%	0.251%
74	10.157	1368	1372	1373	rBV3	160509	208677	1.81%	0.231%
75	10.181	1373	1376	1378	rVB	1466309	1199565	10.39%	1.326%
76	10.292	1392	1395	1402	rVB5	123961	195665	1.70%	0.216%
77	10.398	1408	1413	1419	rVB	529000	628131	5.44%	0.694%
78	10.545	1435	1438	1441	rBV	1615864	1427592	12.37%	1.578%
79	10.651	1453	1456	1461	rBV2	1164242	1597261	13.84%	1.765%
80	11.098	1528	1532	1534	rBV	660054	537354	4.66%	0.594%
81	11.128	1534	1537	1543	rVB2	275072	317346	2.75%	0.351%
82	11.239	1552	1556	1558	rBV	1033774	920726	7.98%	1.018%
83	11.263	1558	1560	1564	rVB	407679	343816	2.98%	0.380%
84	11.522	1601	1604	1607	rVB	401846	343977	2.98%	0.380%
85	11.633	1618	1623	1626	rBV	4771729	4518110	39.15%	4.994%
86	11.933	1670	1674	1679	rBV	300969	333090	2.89%	0.368%
87	12.327	1735	1741	1743	rBV	6568406	11539858	100.00%	12.754%
88	12.351	1743	1745	1750	rVV2	6676232	7201659	62.41%	7.960%
89	12.422	1753	1757	1760	rVV	2431476	2042816	17.70%	2.258%
90	12.451	1760	1762	1766	rVB	520433	442719	3.84%	0.489%
91	12.657	1794	1797	1799	rBV3	107829	136314	1.18%	0.151%
92	12.686	1799	1802	1809	rVB2	417917	545530	4.73%	0.603%
93	12.827	1819	1826	1829	rBV	2038717	2020309	17.51%	2.233%
94	13.045	1861	1863	1865	rBV	145223	139533	1.21%	0.154%
95	13.145	1877	1880	1883	rBV	188291	166968	1.45%	0.185%
96	13.716	1974	1977	1987	rVB2	253982	334253	2.90%	0.369%
97	13.810	1991	1993	1997	rVB	184544	151935	1.32%	0.168%
98	13.880	2001	2005	2007	rVV2	828383	884468	7.66%	0.978%
99	13.904	2007	2009	2012	rVB	180922	160334	1.39%	0.177%
100	15.310	2244	2248	2253	rBV	533233	701022	6.07%	0.775%

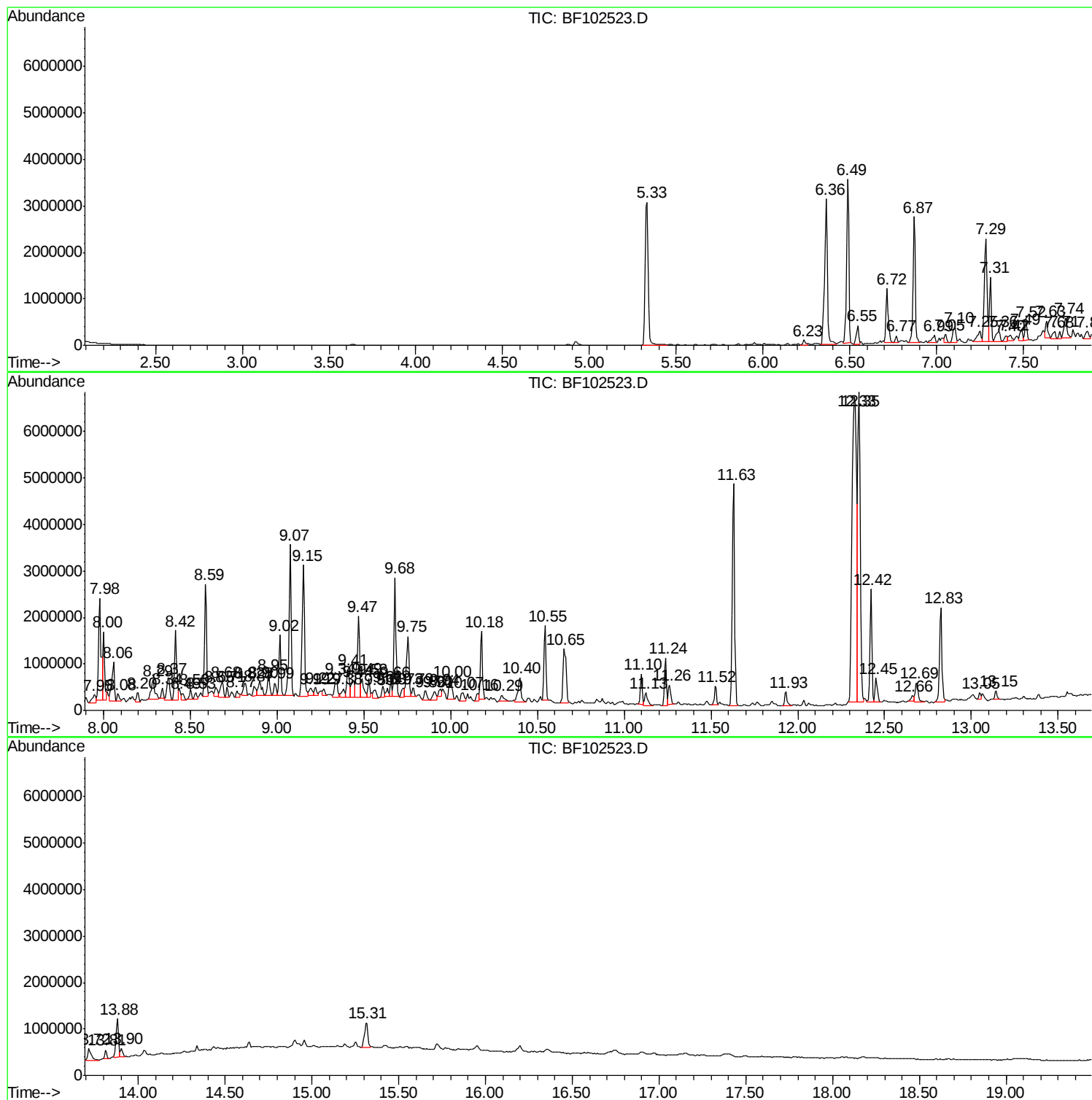
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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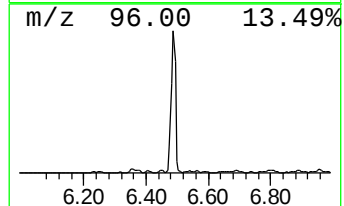
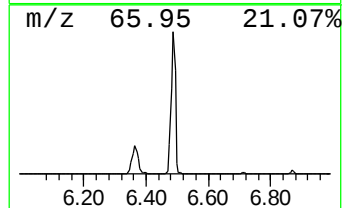
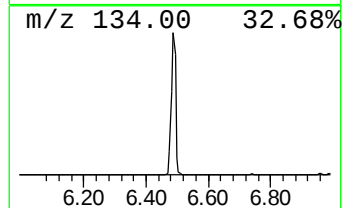
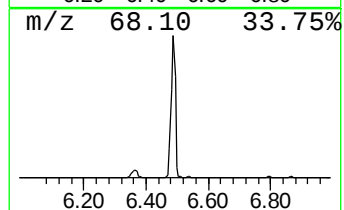
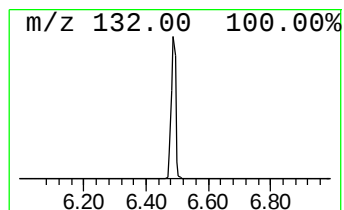
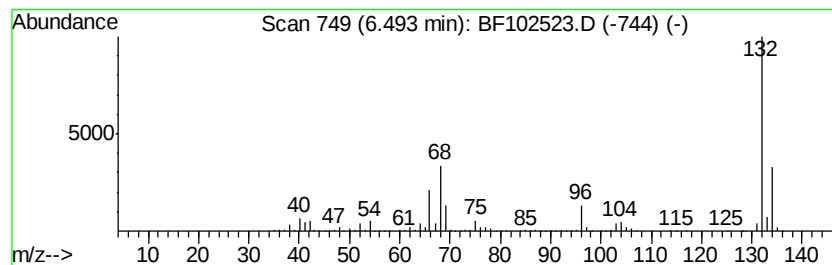
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	63.79 ng	3358660	1,4-Dichlorobenzene-d4	6.72

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		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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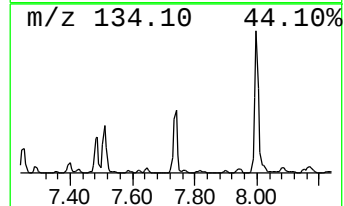
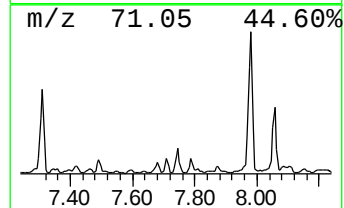
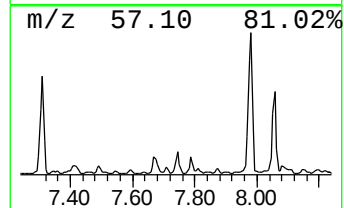
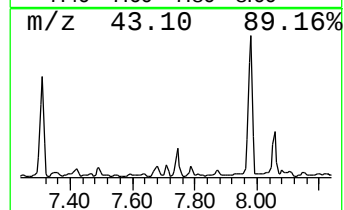
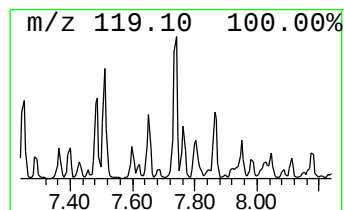
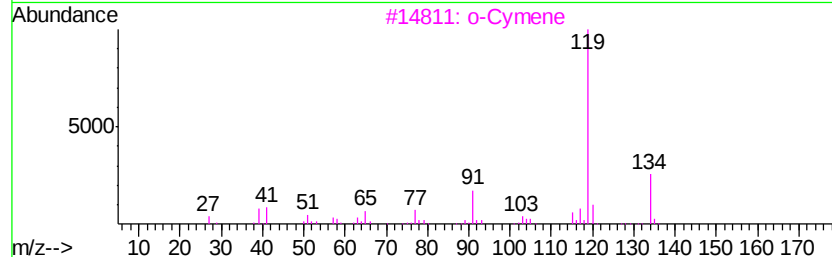
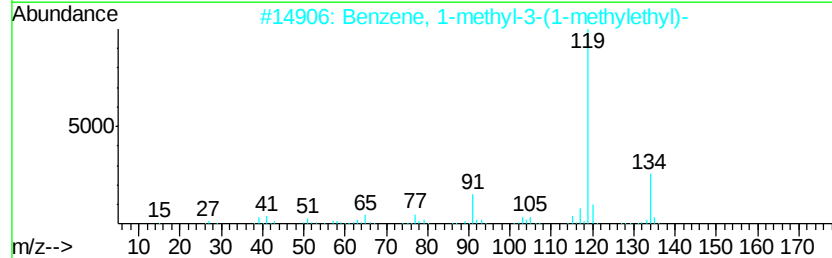
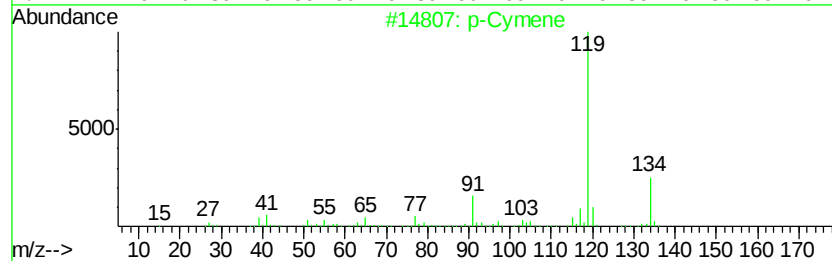
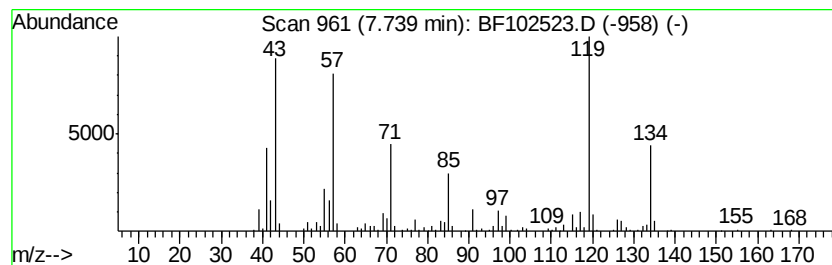
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	11.71 ng	537003	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	60
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3		o-Cymene	134	C10H14	000527-84-4	55
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53



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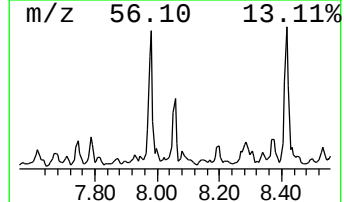
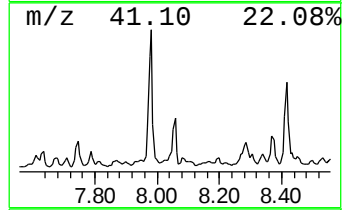
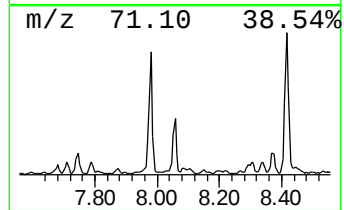
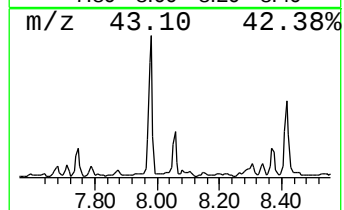
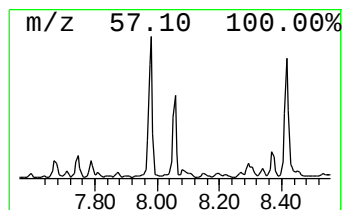
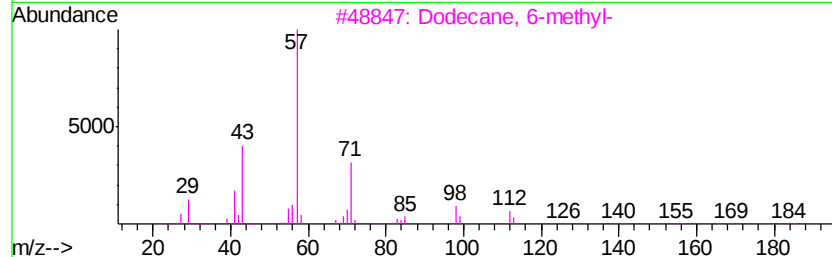
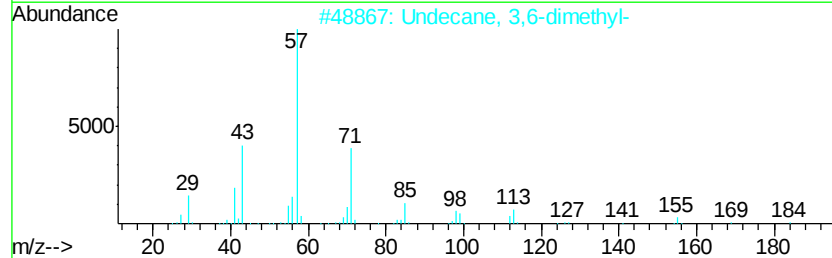
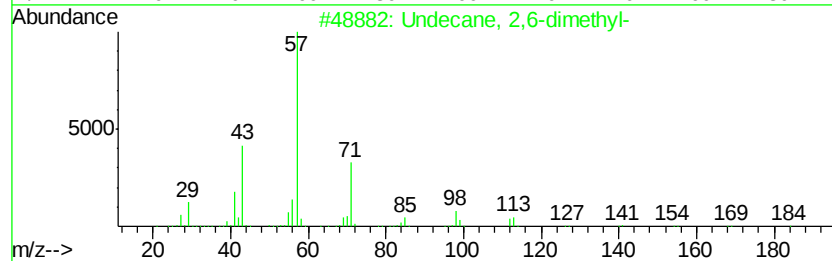
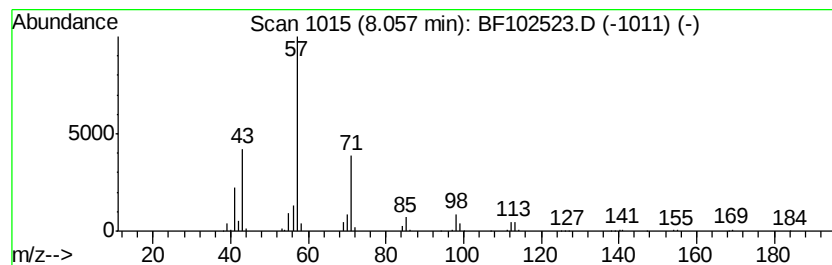
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Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	17.20 ng	788817	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72



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Sample : J1009-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
AU-06-012518-C

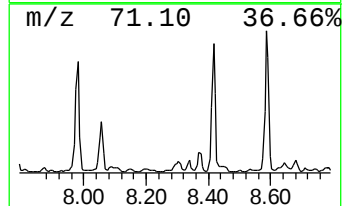
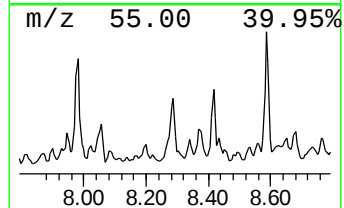
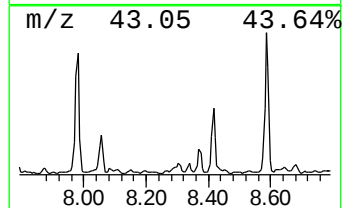
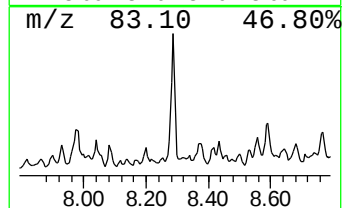
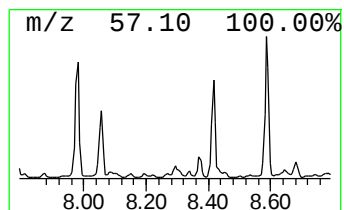
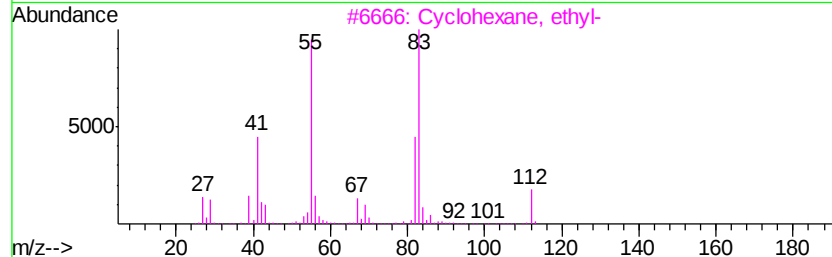
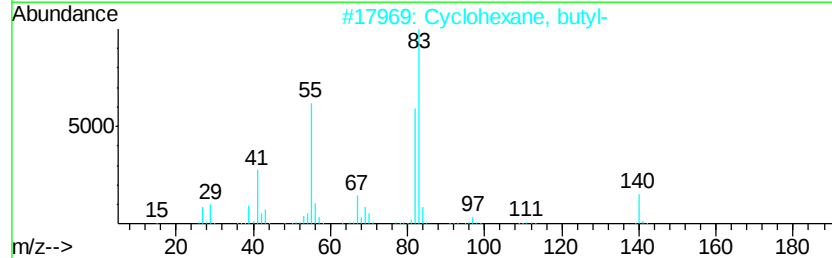
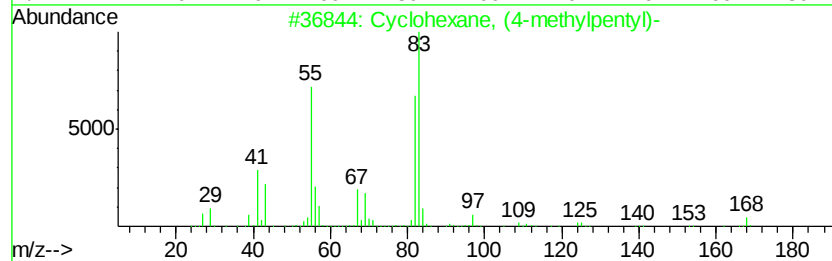
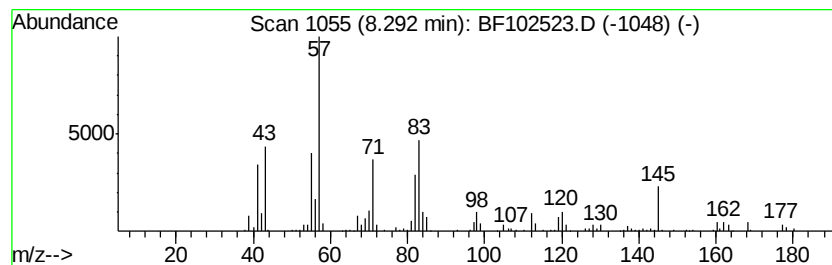
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	13.58 ng	622958	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
Sample : J1009-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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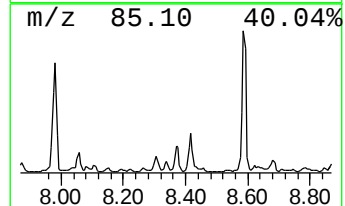
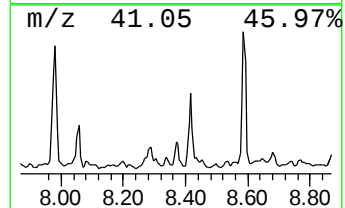
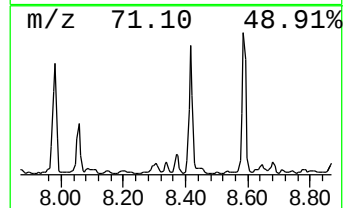
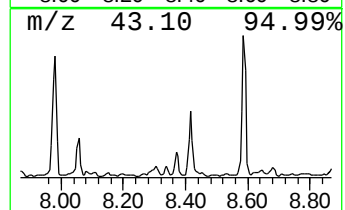
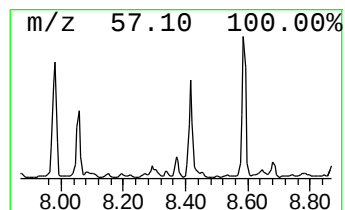
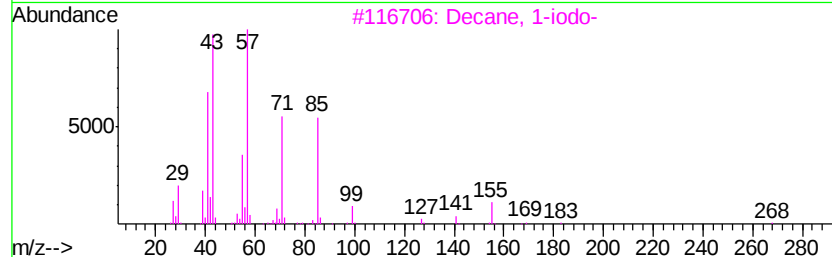
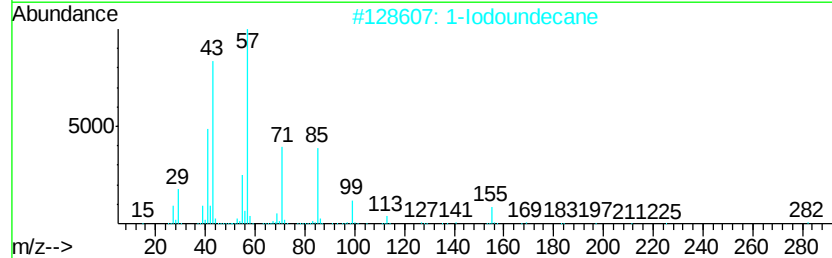
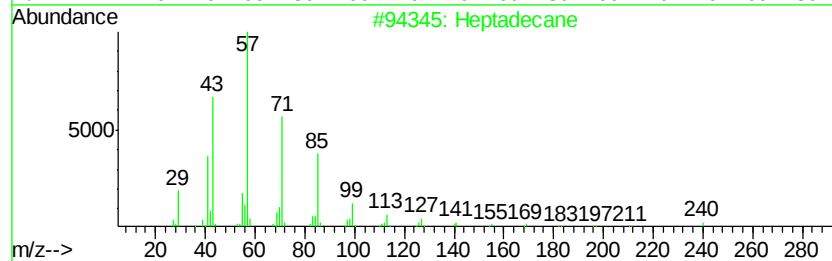
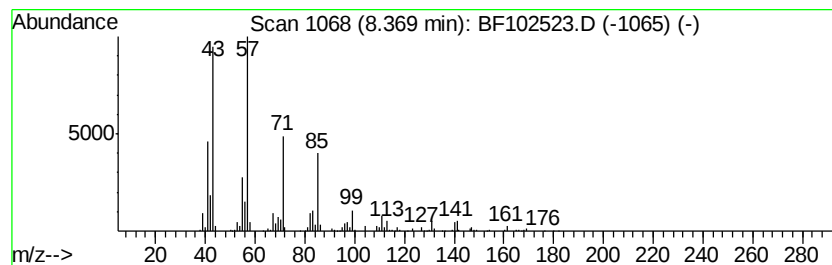
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	11.04 ng	506443	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	78
2	1-Iodoundecane		282	C11H23I	004282-44-4	72
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	72
4	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	72
5	Sulfurous acid, butyl decyl ester		278	C14H30O3S	1000309-17-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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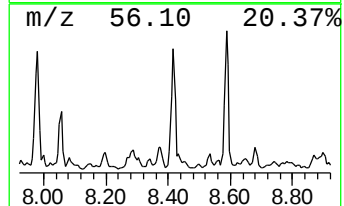
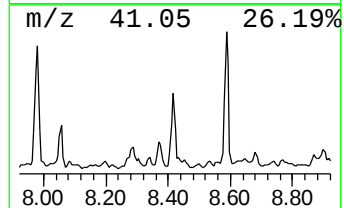
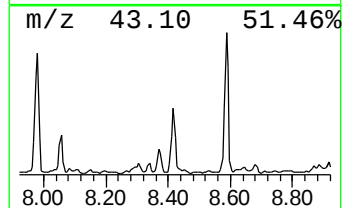
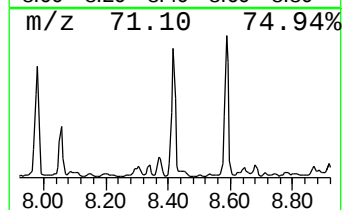
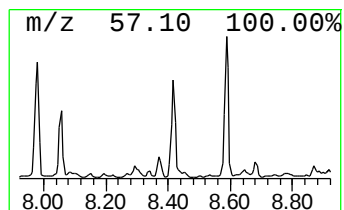
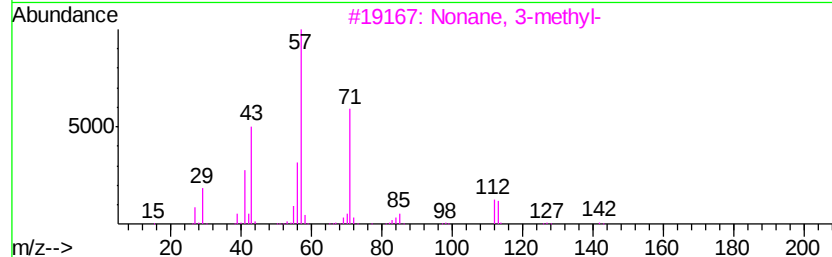
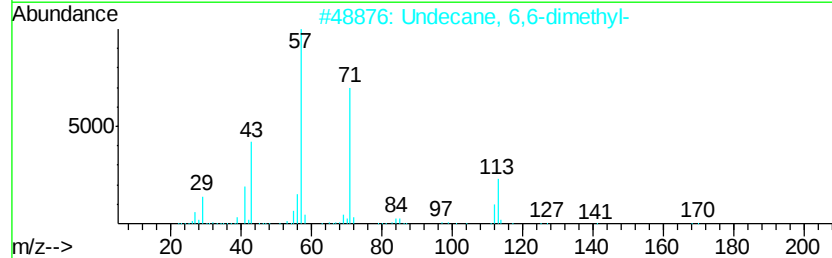
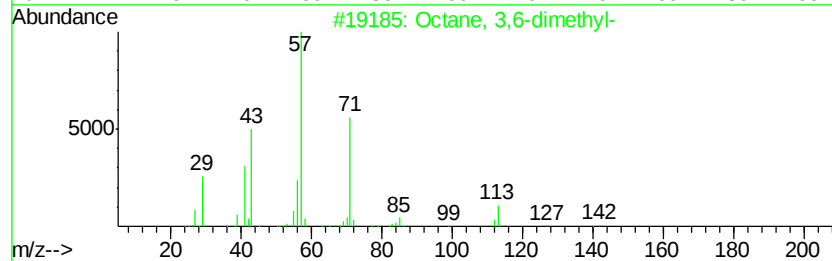
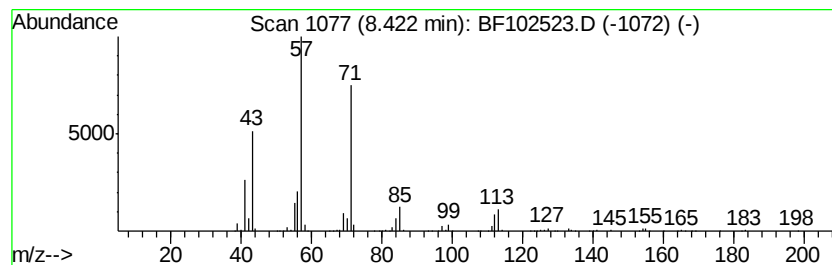
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	27.95 ng	1281880	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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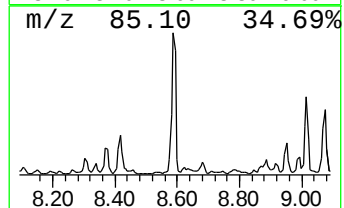
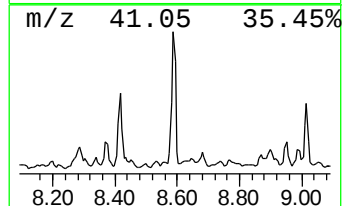
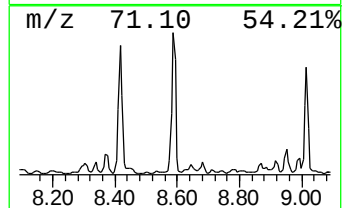
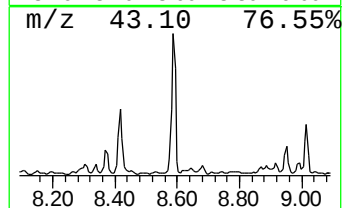
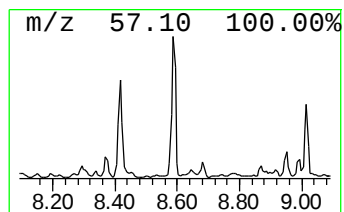
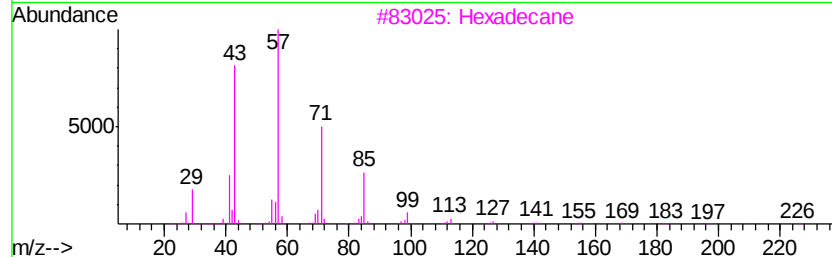
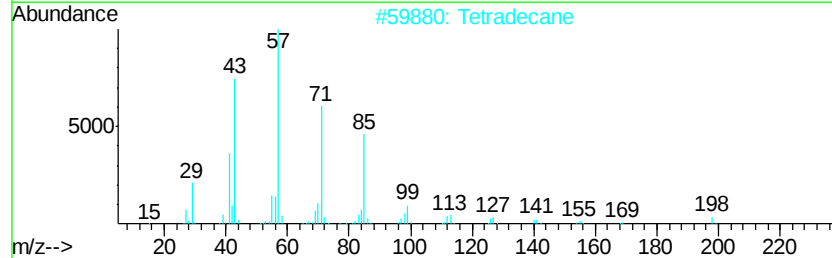
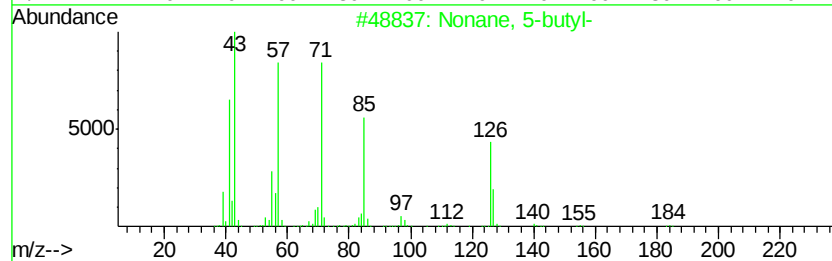
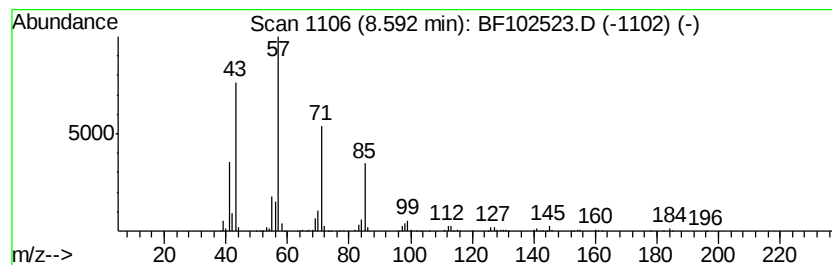
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	45.87 ng	2103630	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Pentadecane		212	C15H32	000629-62-9	83
5	Eicosane		282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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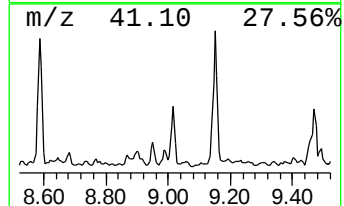
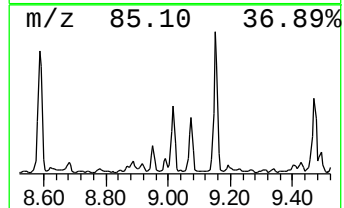
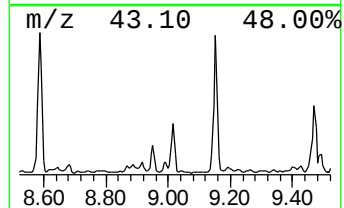
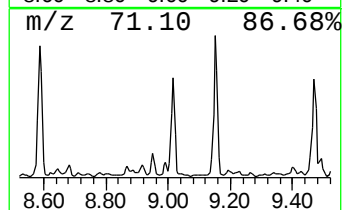
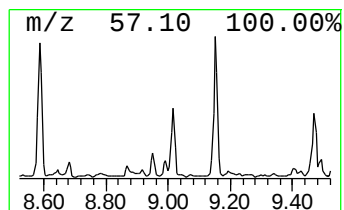
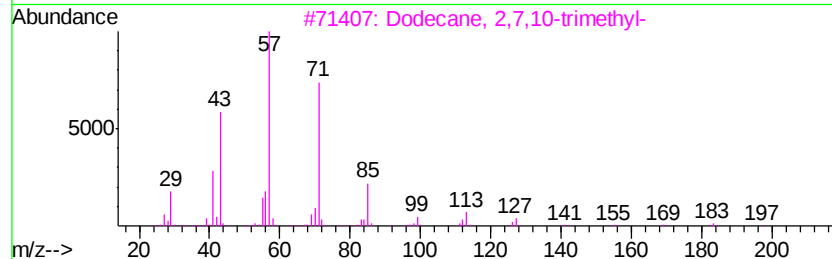
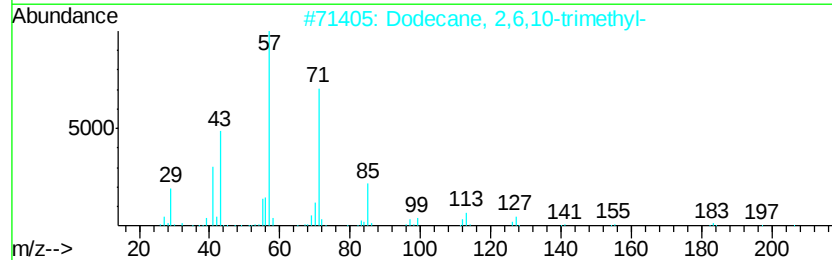
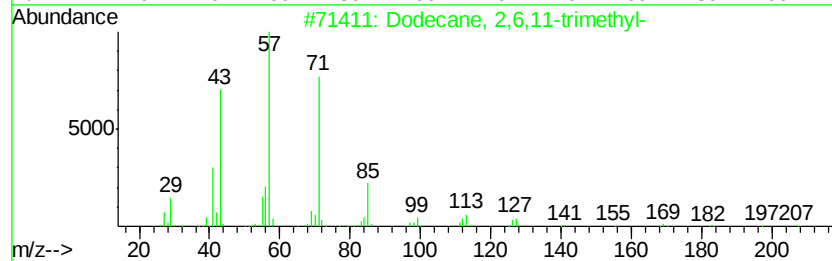
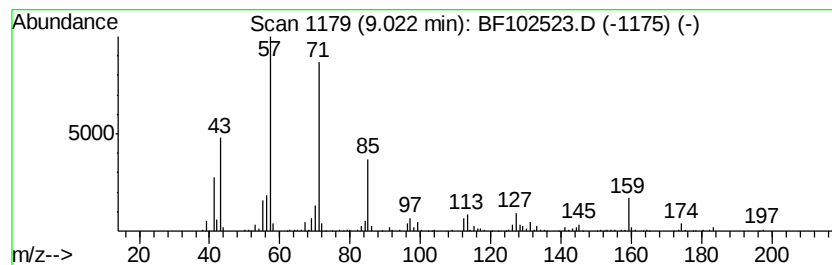
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	17.57 ng	1023690	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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Misc :
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ClientSampleId :
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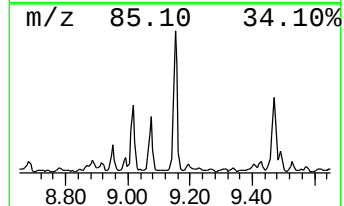
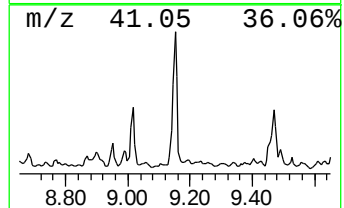
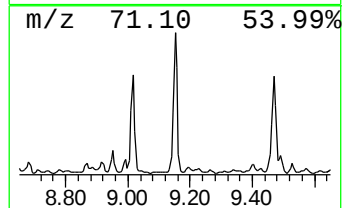
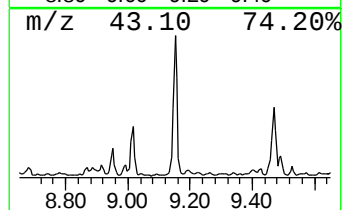
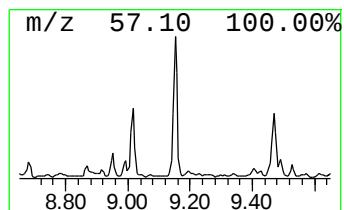
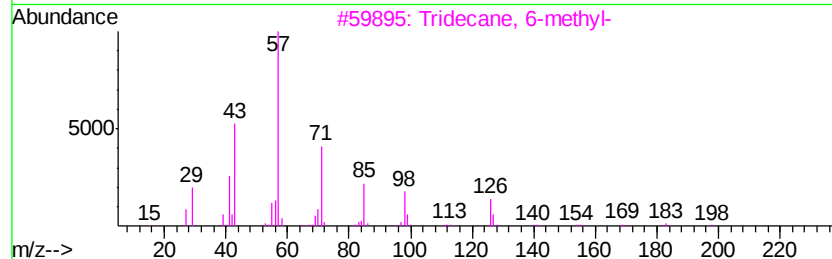
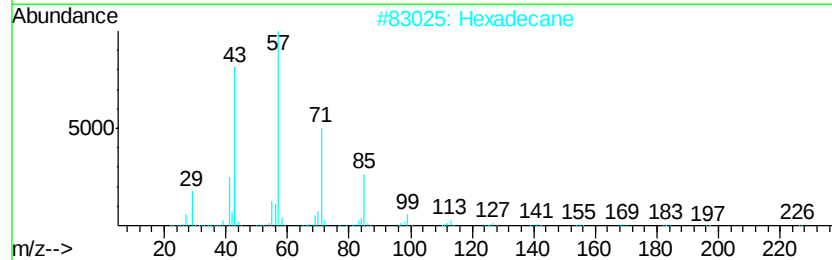
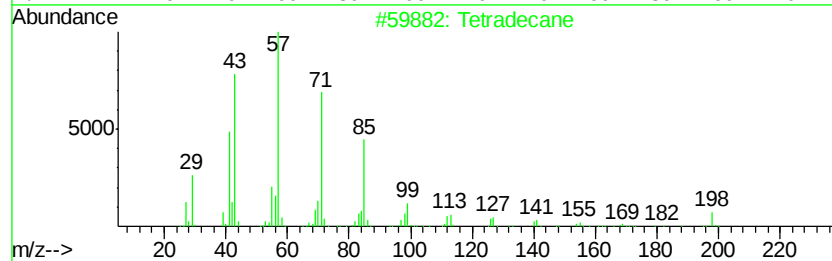
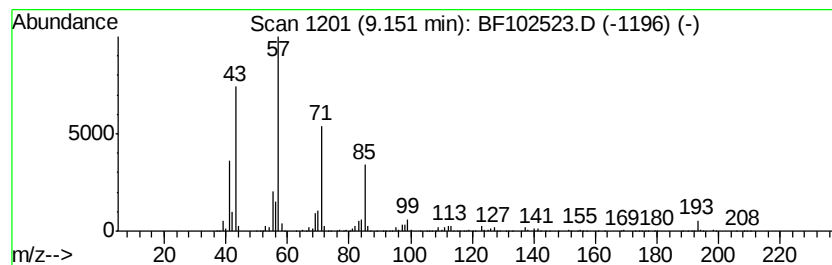
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	51.48 ng	3000240	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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Acq On : 27 Jan 2018 21:09
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ClientSampleId :
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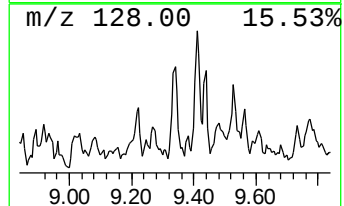
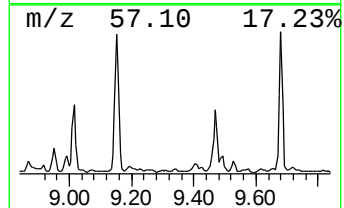
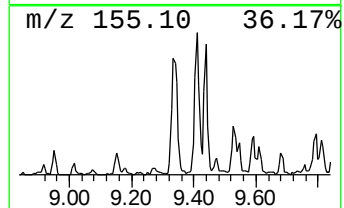
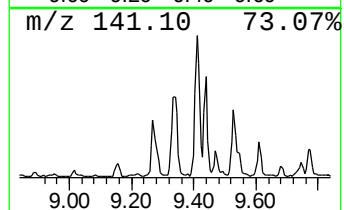
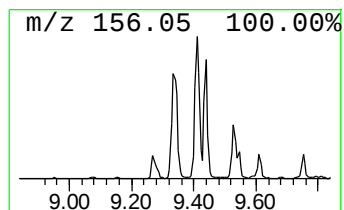
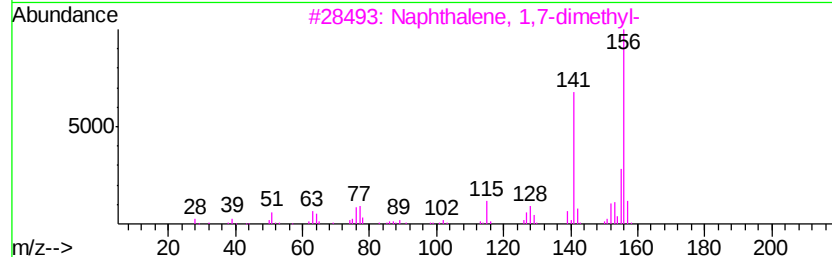
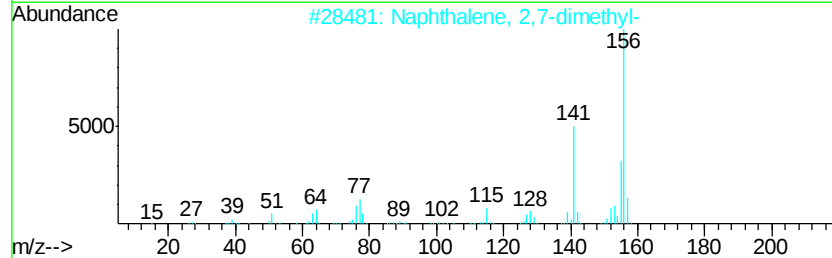
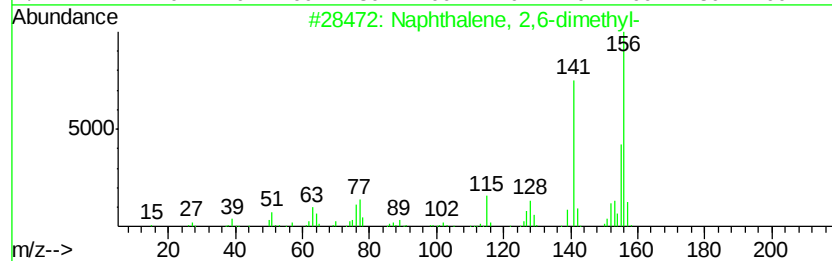
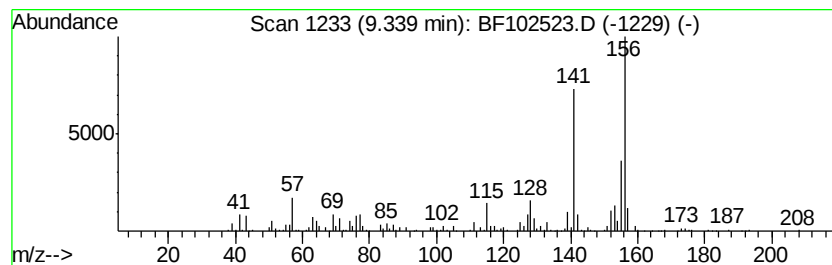
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	8.97 ng	522677	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
Sample : J1009-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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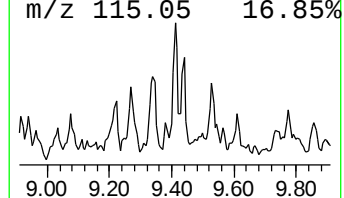
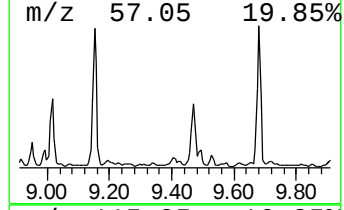
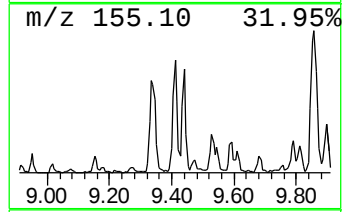
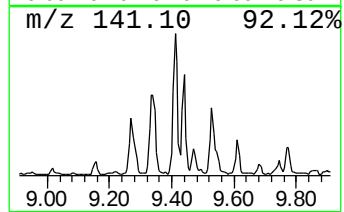
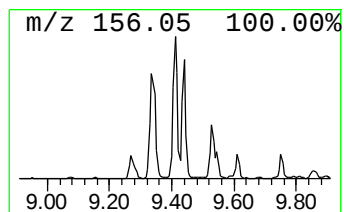
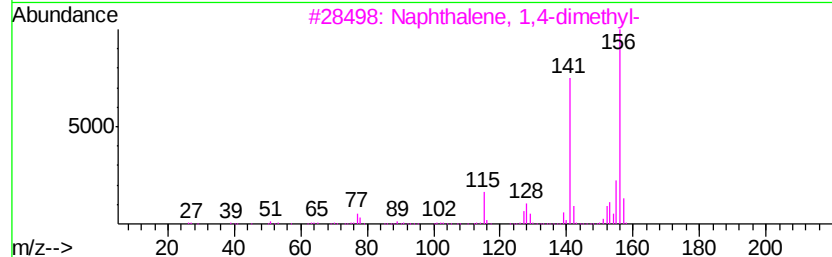
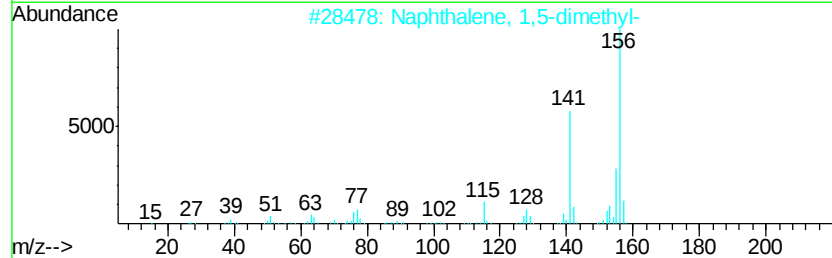
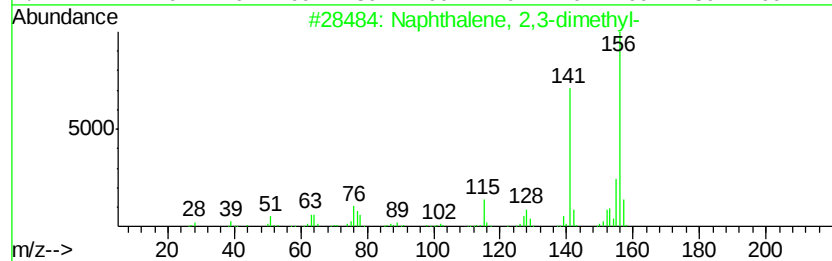
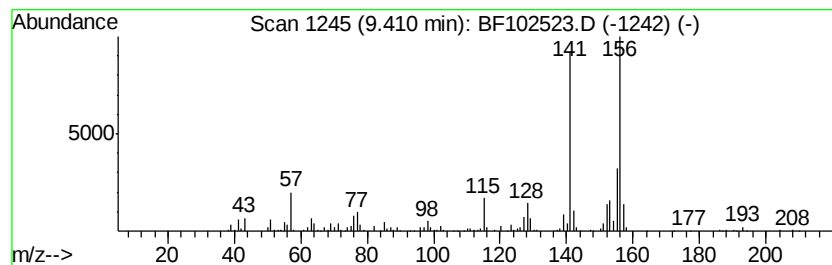
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	11.73 ng	683543	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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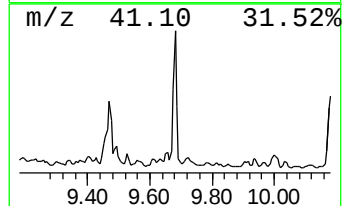
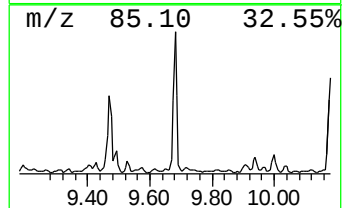
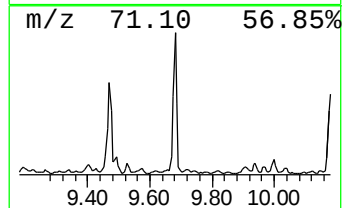
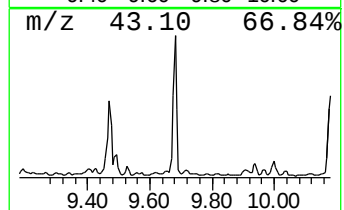
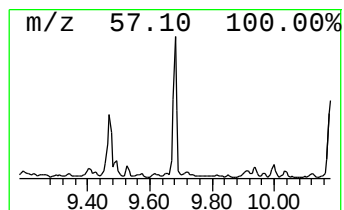
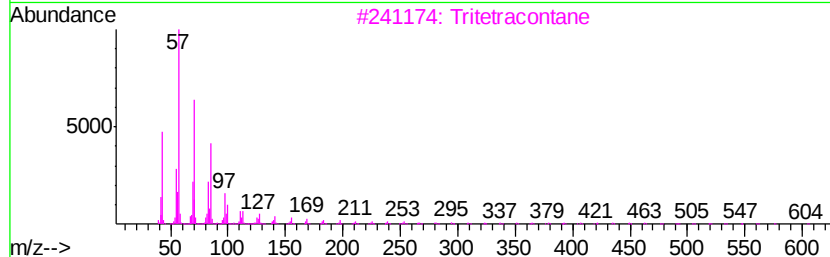
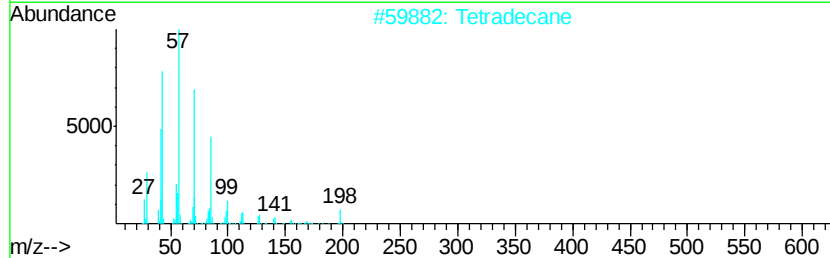
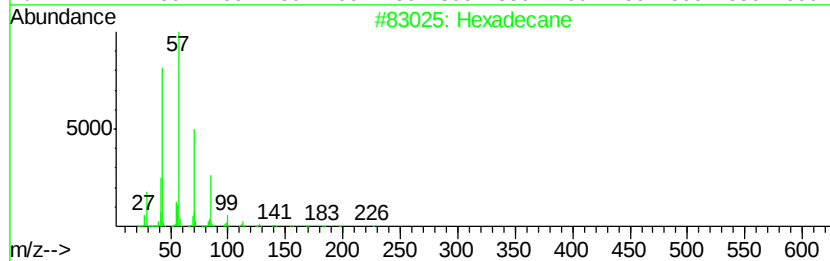
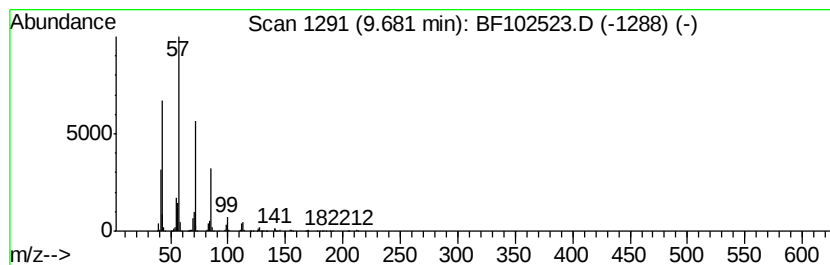
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	33.76 ng	1967480	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tritetracontane	605	C43H88	007098-21-7	83
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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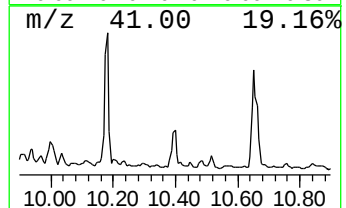
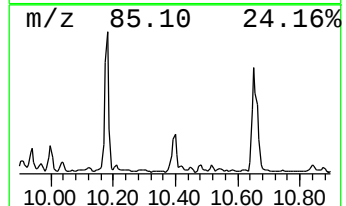
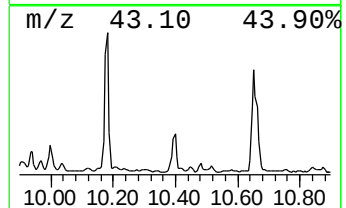
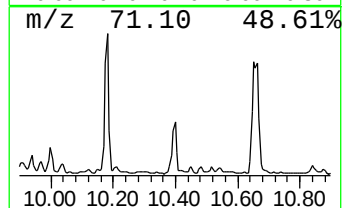
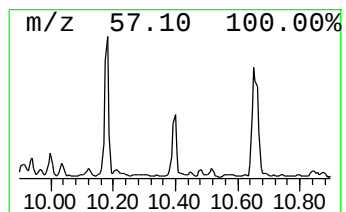
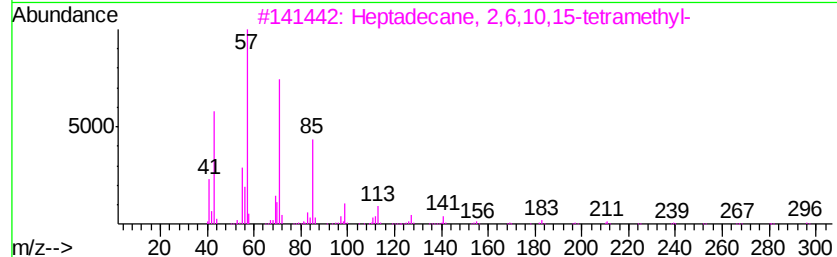
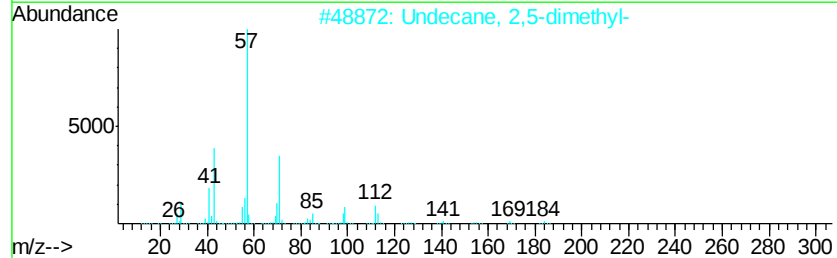
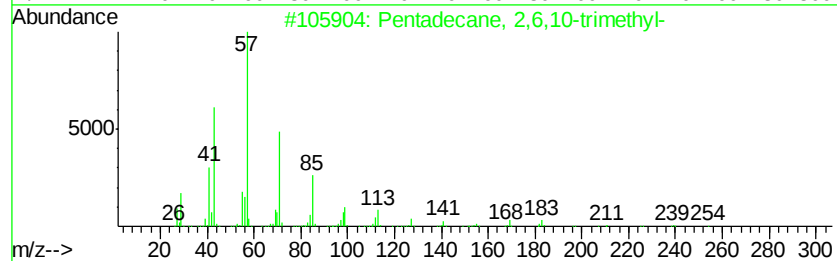
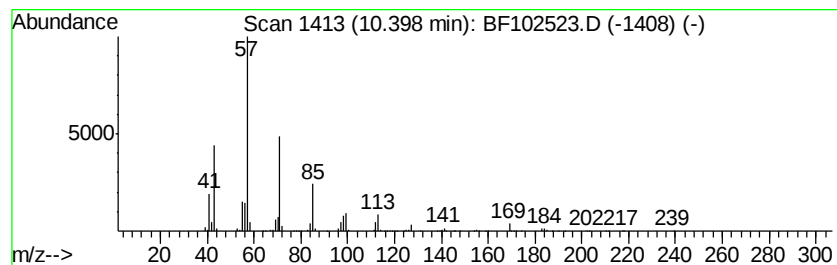
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	10.78 ng	628131	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 90
2		Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3 76
3		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 72
4		Tridecane	184 C13H28	000629-50-5 72
5		3,5-Dimethyldodecane	198 C14H30	107770-99-0 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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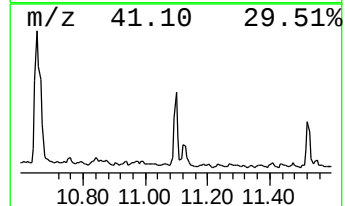
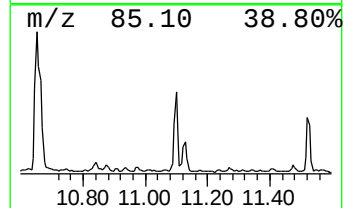
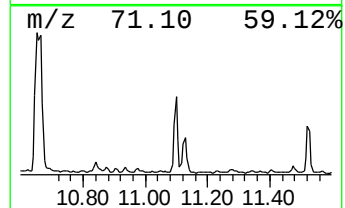
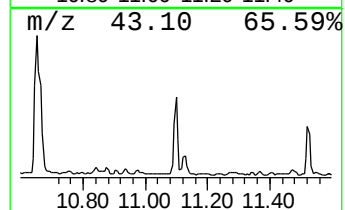
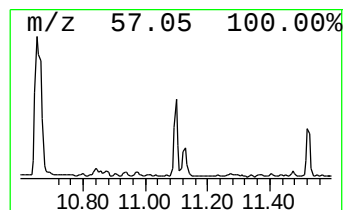
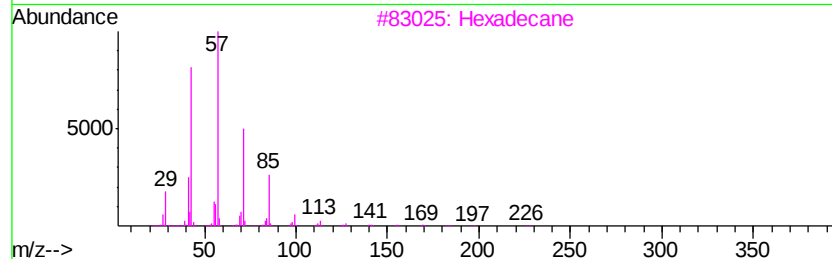
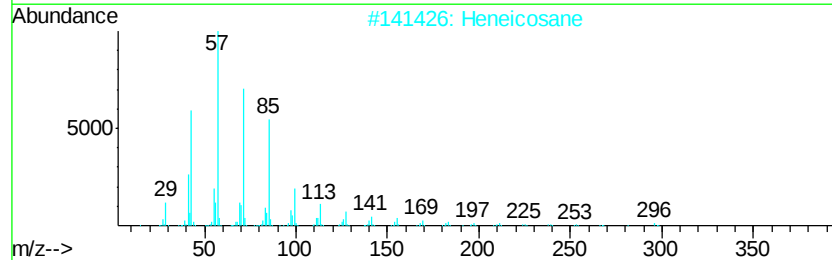
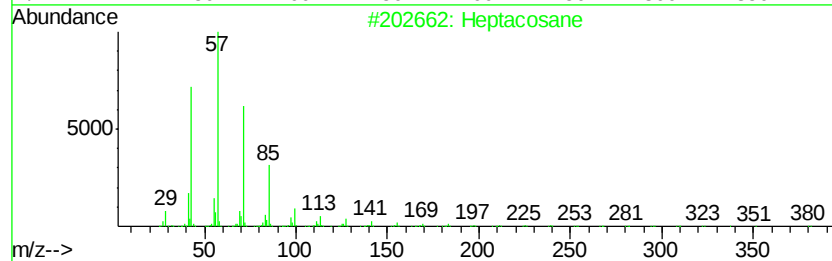
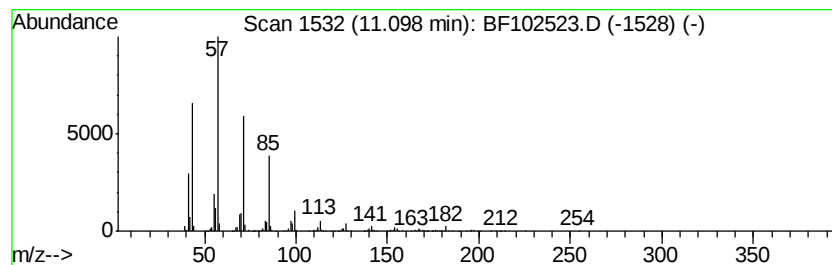
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	11.67 ng	537354	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102523.D
Acq On : 27 Jan 2018 21:09
Operator : SJ/JU
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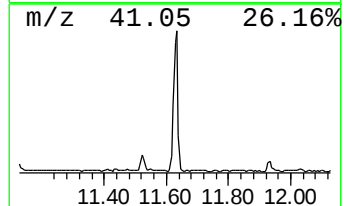
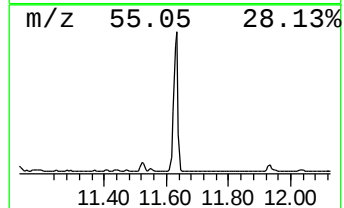
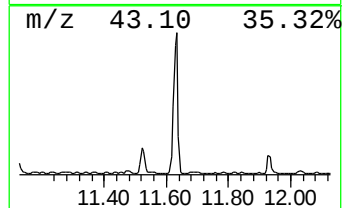
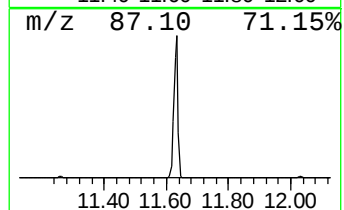
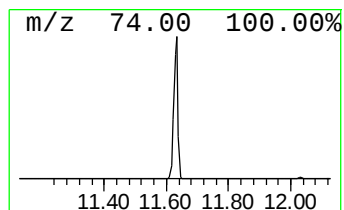
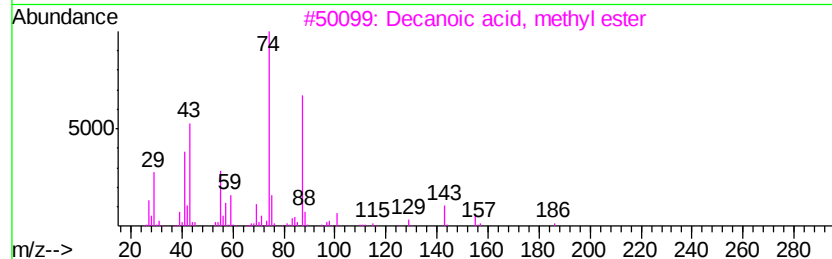
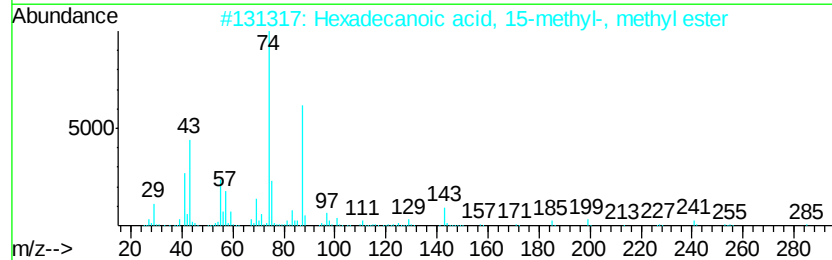
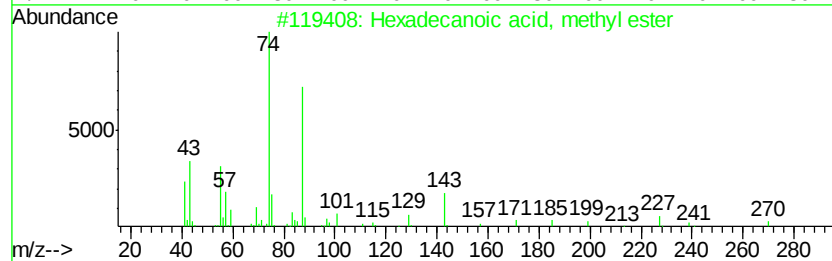
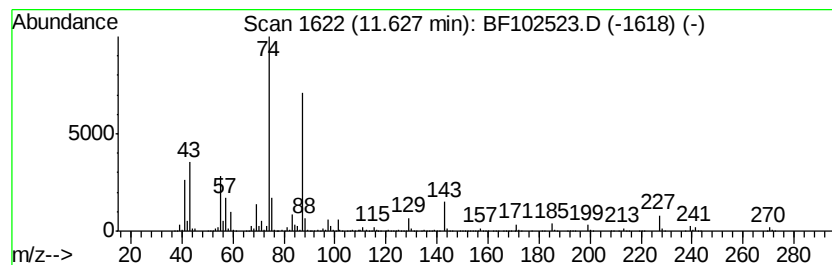
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	98.14 ng	4518110	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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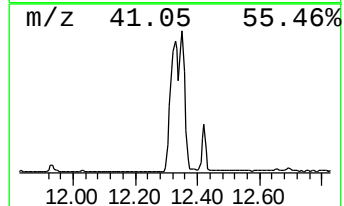
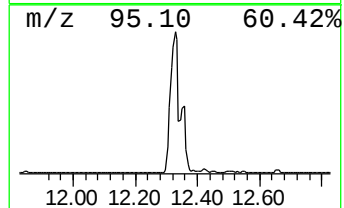
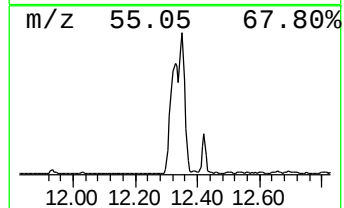
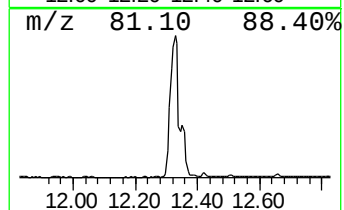
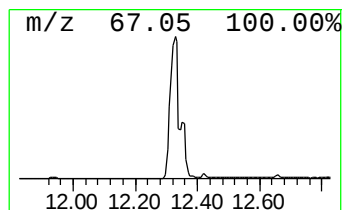
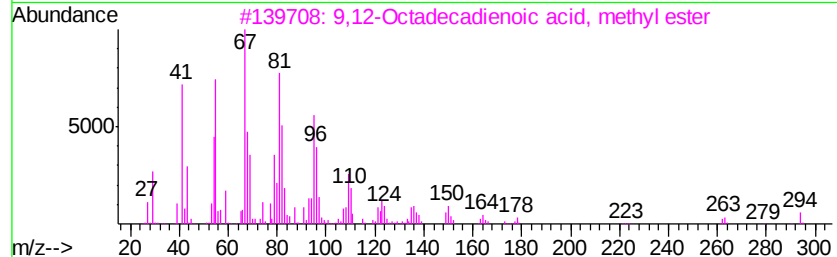
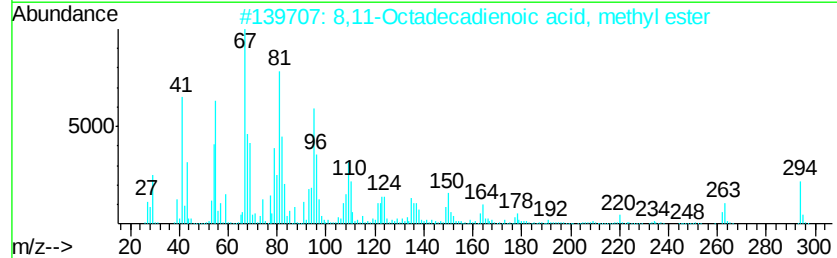
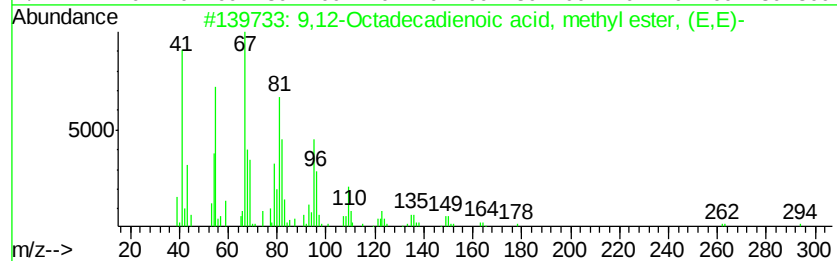
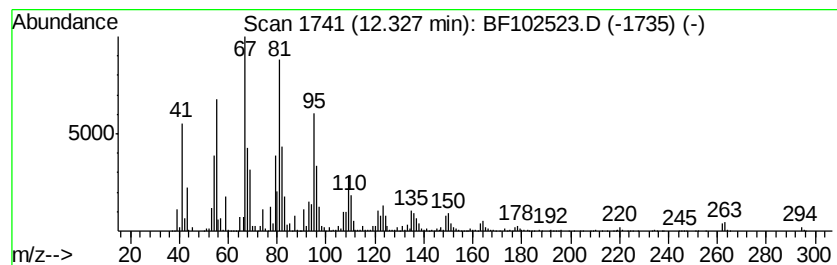
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	250.67 ng	11539900	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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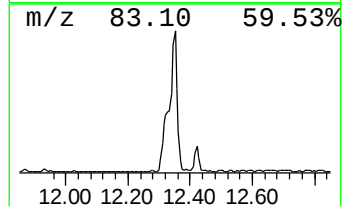
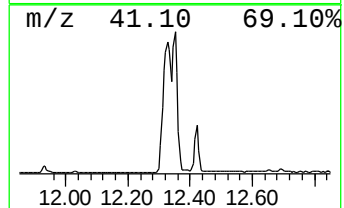
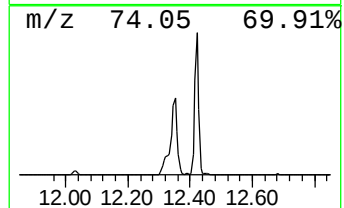
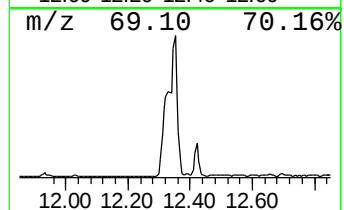
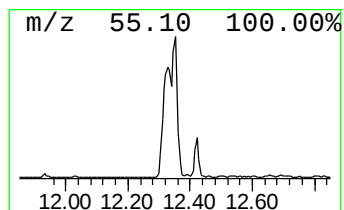
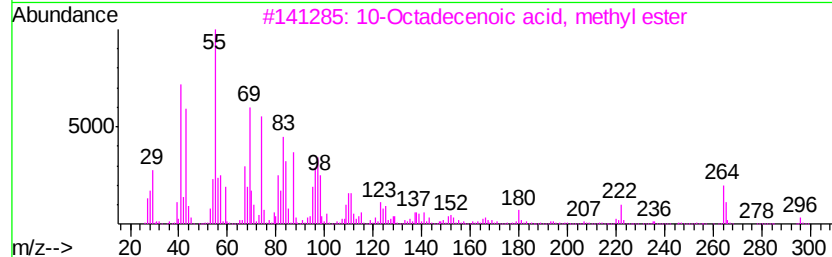
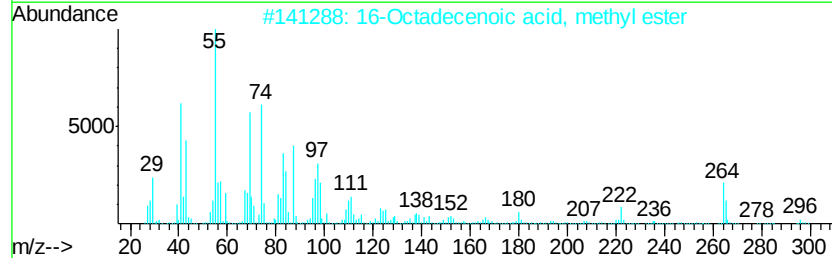
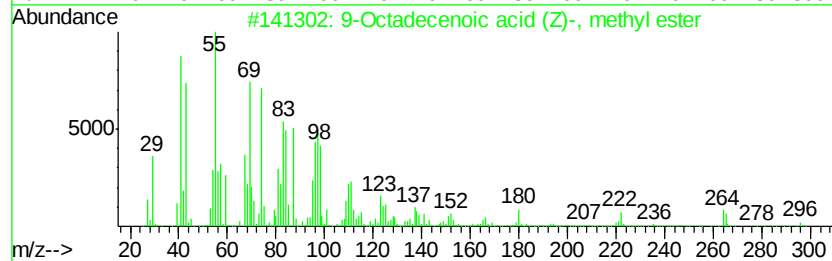
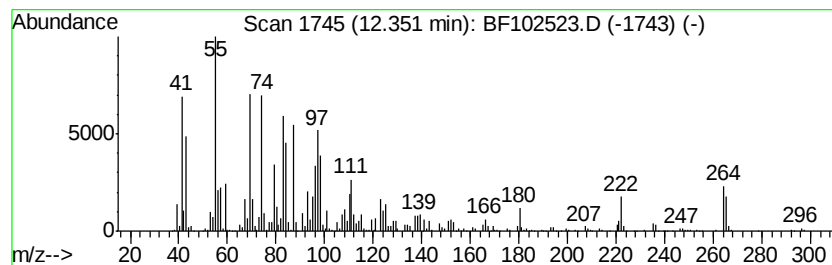
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	156.43 ng	7201660	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102523.D
 Acq On : 27 Jan 2018 21:09
 Operator : SJ/JU
 Sample : J1009-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	63.8	ng	3358660	1	6.72	1052990	20.0
p-Cymene	7.74	11.7	ng	537003	2	8.00	917133	20.0
Undecane, 2,6-dim...	8.06	17.2	ng	788817	2	8.00	917133	20.0
Cyclohexane, (4-m...	8.29	13.6	ng	622958	2	8.00	917133	20.0
Heptadecane	8.37	11.0	ng	506443	2	8.00	917133	20.0
Octane, 3,6-dimet...	8.42	27.9	ng	1281880	2	8.00	917133	20.0
Nonane, 5-butyl-	8.59	45.9	ng	2103630	2	8.00	917133	20.0
Dodecane, 2,6,11-...	9.02	17.6	ng	1023690	3	9.75	1165590	20.0
Tetradecane	9.15	51.5	ng	3000240	3	9.75	1165590	20.0
Naphthalene, 2,6-...	9.34	9.0	ng	522677	3	9.75	1165590	20.0
Naphthalene, 2,3-...	9.41	11.7	ng	683543	3	9.75	1165590	20.0
Hexadecane	9.68	33.8	ng	1967480	3	9.75	1165590	20.0
Pentadecane, 2,6,...	10.40	10.8	ng	628131	3	9.75	1165590	20.0
Heptacosane	11.10	11.7	ng	537354	4	11.24	920726	20.0
Hexadecanoic acid...	11.63	98.1	ng	4518110	4	11.24	920726	20.0
9,12-Octadecadien...	12.33	250.7	ng	11539900	4	11.24	920726	20.0
9-Octadecenoic ac...	12.35	156.4	ng	7201660	4	11.24	920726	20.0