

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
 Data File : BF103494.D
 Acq On : 7 Mar 2018 12:15
 Operator : SJ/JU
 Sample : J1736-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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-BF022218.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	2.134	3	8	26	rVB	764382	1007295	25.09%	2.033%
2	5.087	507	510	524	rVB	113536	160817	4.00%	0.325%
3	5.487	575	578	600	rBV	1376184	2191196	54.57%	4.423%
4	5.710	613	616	620	rBV	69996	68741	1.71%	0.139%
5	6.457	737	743	748	rBV	144276	143539	3.57%	0.290%
6	6.504	748	751	756	rBV	855762	1293553	32.21%	2.611%
7	6.640	770	774	788	rBV	3023265	3448654	85.89%	6.961%
8	6.863	809	812	818	rBV	994751	1066360	26.56%	2.152%
9	6.916	818	821	828	rVB	394180	389325	9.70%	0.786%
10	7.022	834	839	850	rBV	3005200	3366299	83.83%	6.795%
11	7.134	855	858	862	rVB2	64975	71449	1.78%	0.144%
12	7.175	862	865	867	rBV	188703	155716	3.88%	0.314%
13	7.251	874	878	880	rBV	125005	116954	2.91%	0.236%
14	7.392	896	902	905	rBV	264797	265671	6.62%	0.536%
15	7.434	905	909	918	rVV	2507159	3107474	77.39%	6.272%
16	7.504	918	921	924	rVV2	128029	171337	4.27%	0.346%
17	7.540	924	927	930	rVV2	147369	177435	4.42%	0.358%
18	7.575	930	933	939	rVV3	121389	196225	4.89%	0.396%
19	7.628	939	942	944	rVV	174631	152377	3.79%	0.308%
20	7.657	944	947	952	rVB	210069	249186	6.21%	0.503%
21	7.792	966	970	972	rVV	139830	152752	3.80%	0.308%
22	7.822	972	975	978	rVB2	55427	62133	1.55%	0.125%
23	7.881	978	985	988	rBV	653176	701255	17.46%	1.415%
24	7.904	988	989	992	rVV	89153	70068	1.74%	0.141%
25	7.957	994	998	999	rVV3	93486	113940	2.84%	0.230%
26	7.981	999	1002	1005	rVV	628241	547980	13.65%	1.106%
27	8.010	1005	1007	1010	rVB2	88006	76428	1.90%	0.154%
28	8.087	1016	1020	1022	rBV3	82262	104734	2.61%	0.211%
29	8.151	1022	1031	1035	rVV	1289270	1872231	46.63%	3.779%
30	8.187	1035	1037	1041	rVB2	303250	281840	7.02%	0.569%
31	8.228	1041	1044	1049	rVB	108236	100877	2.51%	0.204%
32	8.292	1049	1055	1057	rBV4	84106	142284	3.54%	0.287%
33	8.339	1060	1063	1068	rVB2	439816	405673	10.10%	0.819%
34	8.387	1068	1071	1075	rBV2	366439	375656	9.36%	0.758%

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35	8.422	1075	1077	1083	rVV3	163447	245492	6.11%	0.496%
36	8.528	1088	1095	1097	rBV2	253613	288700	7.19%	0.583%
37	8.551	1097	1099	1101	rVV	119475	90720	2.26%	0.183%
38	8.610	1106	1109	1111	rVV	261144	199685	4.97%	0.403%
39	8.645	1111	1115	1123	rVV2	482714	547535	13.64%	1.105%
40	8.704	1123	1125	1127	rVV	98191	80158	2.00%	0.162%
41	8.734	1127	1130	1133	rVV3	198419	291031	7.25%	0.587%
42	8.775	1133	1137	1139	rVV3	154893	256250	6.38%	0.517%
43	8.804	1139	1142	1146	rVV	803083	744767	18.55%	1.503%
44	8.834	1146	1147	1151	rVB2	116830	80451	2.00%	0.162%
45	8.892	1154	1157	1159	rBV	60456	57872	1.44%	0.117%
46	8.969	1167	1170	1172	rBV	543132	535646	13.34%	1.081%
47	8.998	1174	1175	1178	rVB	203633	144821	3.61%	0.292%
48	9.086	1186	1190	1192	rBV3	257347	263247	6.56%	0.531%
49	9.110	1192	1194	1199	rVB2	223032	234653	5.84%	0.474%
50	9.151	1199	1201	1204	rBV2	291013	292821	7.29%	0.591%
51	9.181	1204	1206	1208	rVV	194953	161762	4.03%	0.327%
52	9.222	1208	1213	1217	rVV	3560483	4015430	100.00%	8.105%
53	9.286	1221	1224	1228	rVV	334719	341668	8.51%	0.690%
54	9.328	1228	1231	1233	rVV	333393	335630	8.36%	0.677%
55	9.369	1235	1238	1241	rVV	499423	505207	12.58%	1.020%
56	9.398	1241	1243	1247	rVB	199100	186876	4.65%	0.377%
57	9.475	1254	1256	1257	rBV	72893	61796	1.54%	0.125%
58	9.539	1263	1267	1270	rBV4	150614	223216	5.56%	0.451%
59	9.575	1270	1273	1275	rVV	189728	217204	5.41%	0.438%
60	9.610	1275	1279	1284	rVV2	459303	670999	16.71%	1.354%
61	9.645	1284	1285	1287	rVV	134975	105690	2.63%	0.213%
62	9.675	1287	1290	1295	rVB2	144911	225329	5.61%	0.455%
63	9.716	1295	1297	1299	rVB	90960	65394	1.63%	0.132%
64	9.763	1301	1305	1306	rBV2	67009	76115	1.90%	0.154%
65	9.816	1309	1314	1319	rVV2	479420	530358	13.21%	1.070%
66	9.904	1326	1329	1335	rVB	1171846	1225042	30.51%	2.473%
67	9.998	1342	1345	1350	rBV5	83178	129432	3.22%	0.261%
68	10.051	1351	1354	1356	rVV3	82431	103447	2.58%	0.209%
69	10.081	1356	1359	1361	rVV	152157	141576	3.53%	0.286%
70	10.110	1361	1364	1367	rVB2	134911	141675	3.53%	0.286%
71	10.139	1367	1369	1374	rBV3	155772	218102	5.43%	0.440%

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72	10.228	1380	1384	1387	rBV4	106622	144447	3.60%	0.292%
73	10.316	1396	1399	1403	rBV	556964	549922	13.70%	1.110%
74	10.539	1431	1437	1439	rBV2	408364	527241	13.13%	1.064%
75	10.592	1444	1446	1449	rVB2	93806	77458	1.93%	0.156%
76	10.622	1449	1451	1455	rBV3	93441	111898	2.79%	0.226%
77	10.657	1455	1457	1461	rVB2	79550	65581	1.63%	0.132%
78	10.704	1461	1465	1473	rBV	1689635	2005481	49.94%	4.048%
79	10.804	1477	1482	1486	rBV2	739733	1089262	27.13%	2.199%
80	10.980	1510	1512	1515	rBV	75280	63596	1.58%	0.128%
81	11.075	1526	1528	1532	rVB4	71505	70765	1.76%	0.143%
82	11.245	1553	1557	1559	rBV	403910	388558	9.68%	0.784%
83	11.269	1559	1561	1568	rVB	341951	408880	10.18%	0.825%
84	11.404	1580	1584	1591	rVB	1065786	1104946	27.52%	2.230%
85	11.510	1600	1602	1607	rBV4	60045	58716	1.46%	0.119%
86	11.622	1619	1621	1623	rBV	104882	87037	2.17%	0.176%
87	11.669	1626	1629	1632	rVB	337708	270775	6.74%	0.547%
88	11.827	1653	1656	1659	rBV2	425307	430648	10.72%	0.869%
89	11.857	1659	1661	1667	rVB	309094	316145	7.87%	0.638%
90	11.910	1668	1670	1675	rVV2	146557	178987	4.46%	0.361%
91	12.075	1696	1698	1703	rVB	168224	141219	3.52%	0.285%
92	12.463	1762	1764	1769	rVB	114312	120694	3.01%	0.244%
93	12.651	1794	1796	1798	rVB	102521	72639	1.81%	0.147%
94	12.698	1802	1804	1808	rBV	137974	160113	3.99%	0.323%
95	12.839	1826	1828	1831	rBV2	75899	67158	1.67%	0.136%
96	12.986	1849	1853	1857	rBV	2448494	2653554	66.08%	5.356%
97	13.863	2000	2002	2005	rVB	73678	69791	1.74%	0.141%
98	14.004	2024	2026	2030	rVB	115746	95662	2.38%	0.193%
99	14.057	2032	2035	2045	rVB	706234	750045	18.68%	1.514%
100	15.563	2287	2291	2299	rVB	423133	618875	15.41%	1.249%

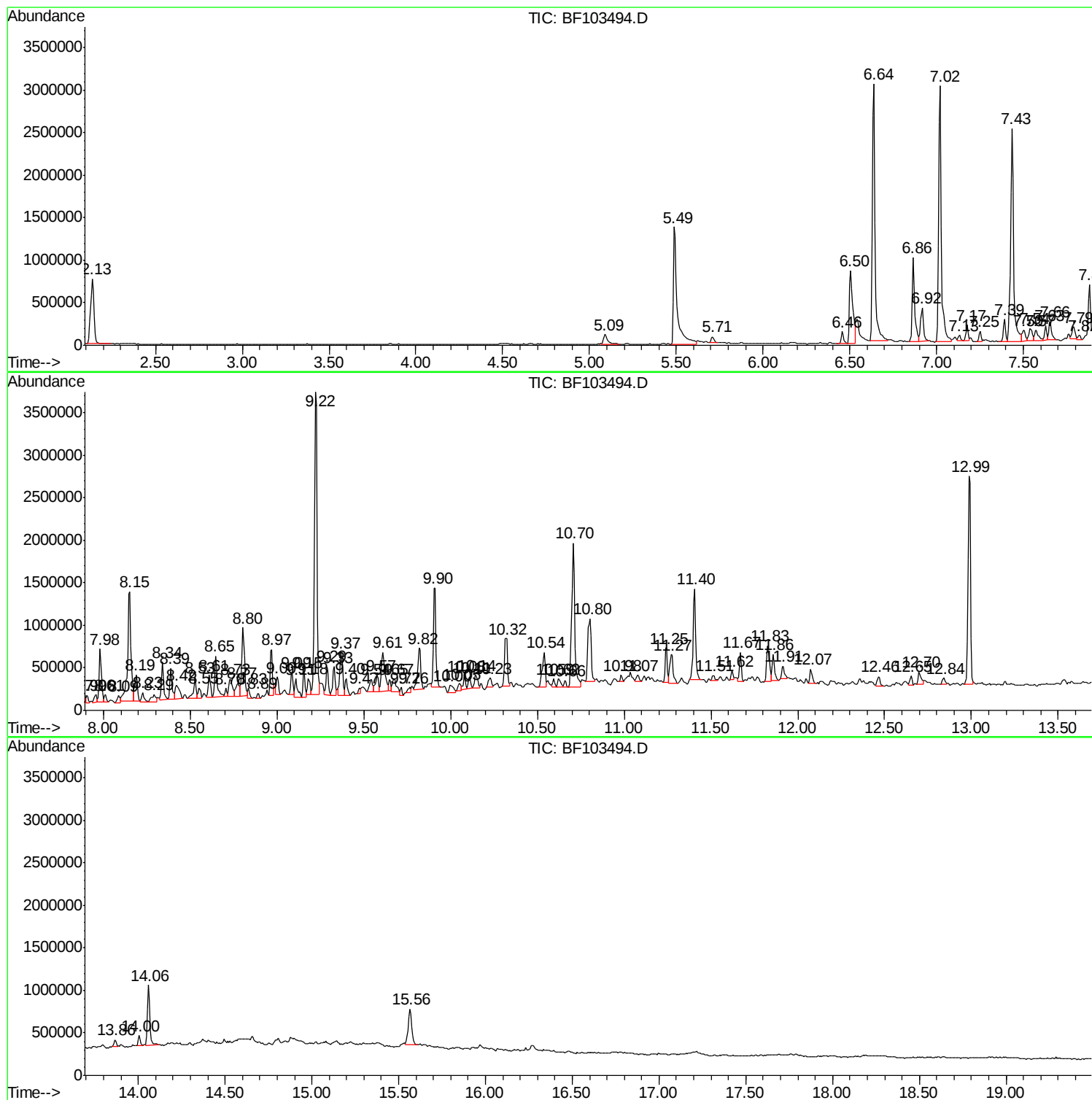
Sum of corrected areas: 49543344

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.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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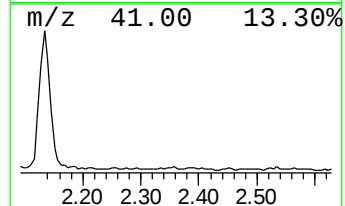
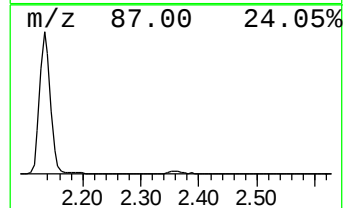
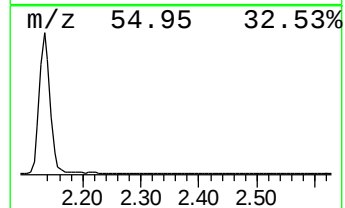
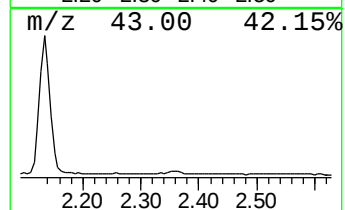
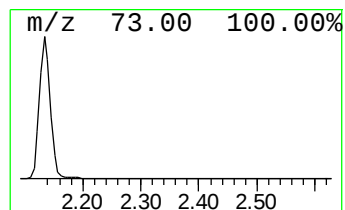
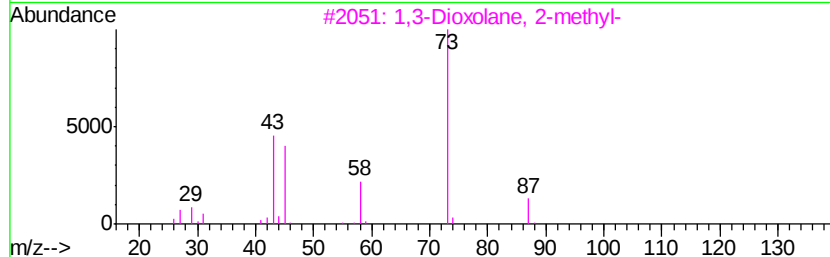
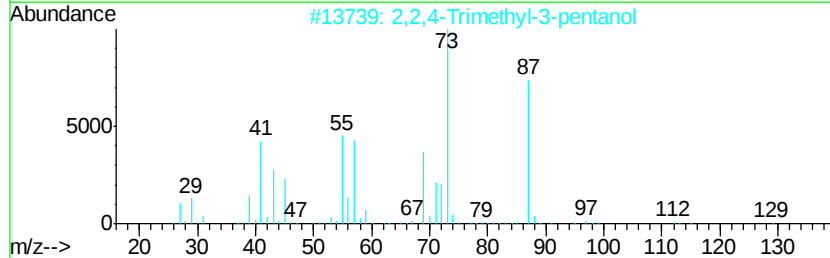
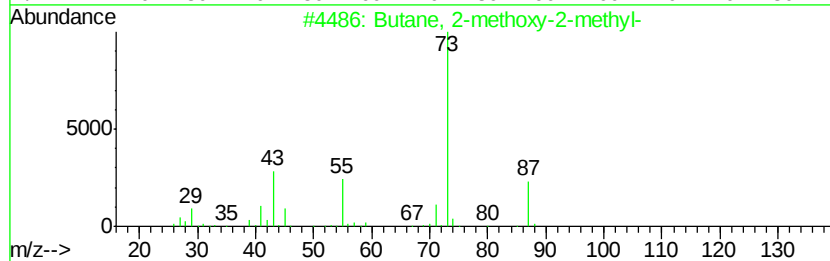
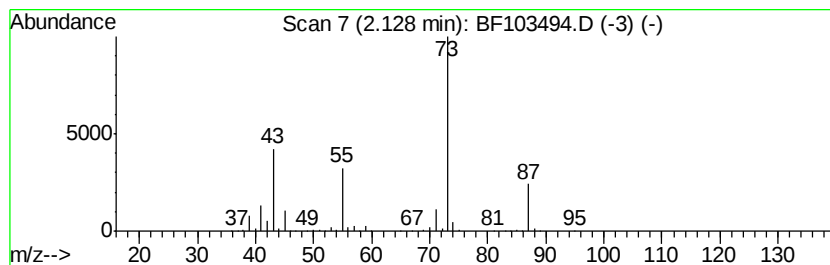
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	18.89 ng	1007300	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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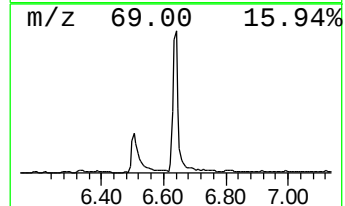
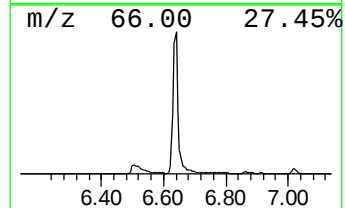
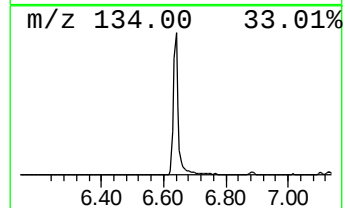
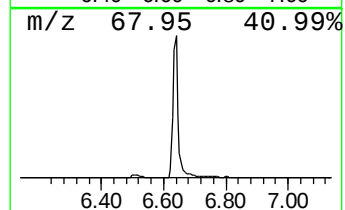
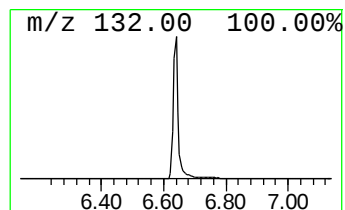
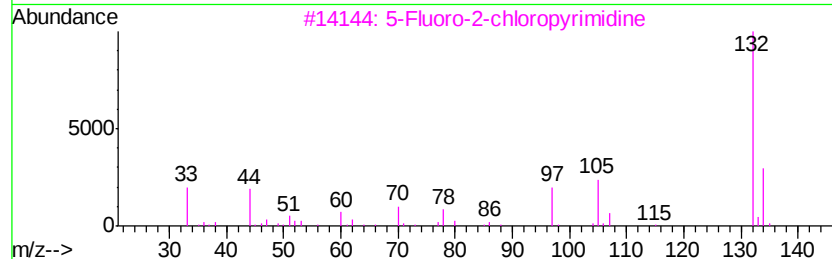
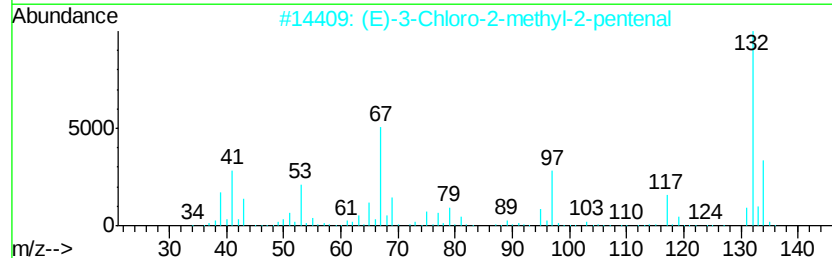
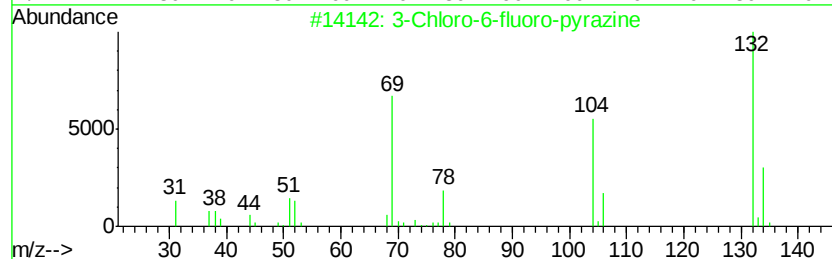
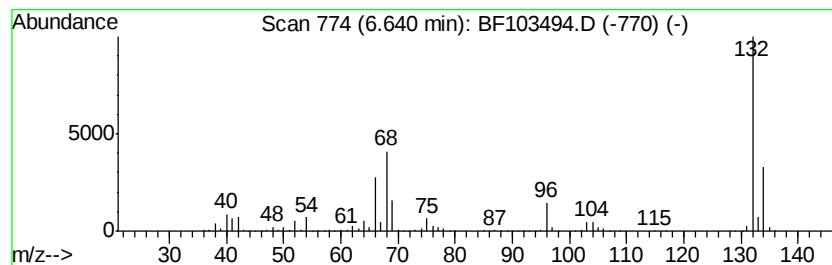
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	64.68 ng	3448650	1,4-Dichlorobenzene-d4	6.86

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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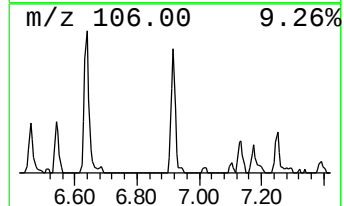
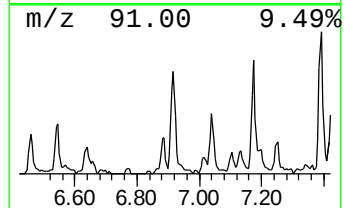
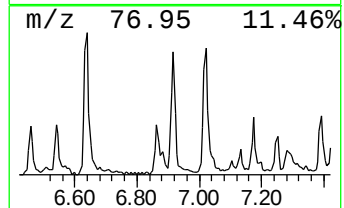
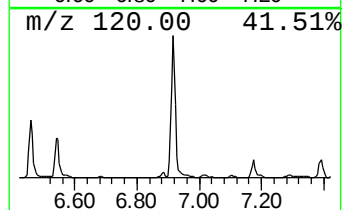
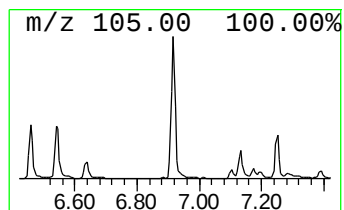
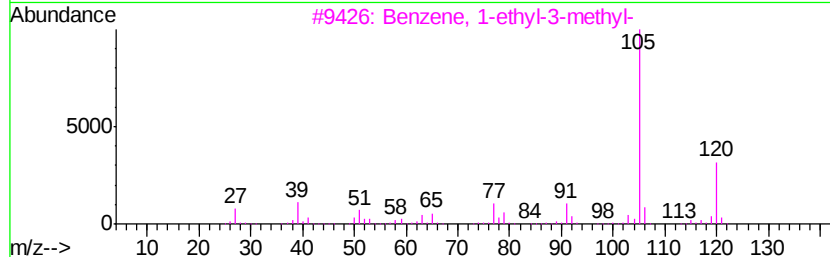
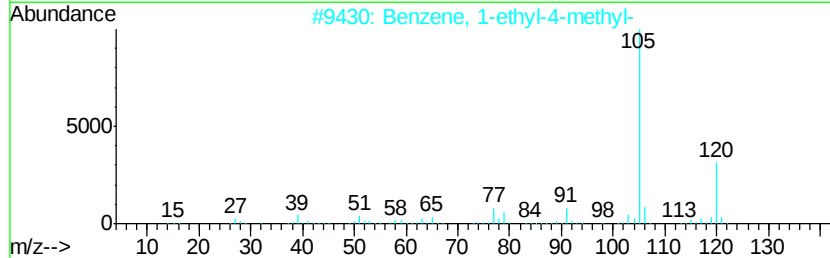
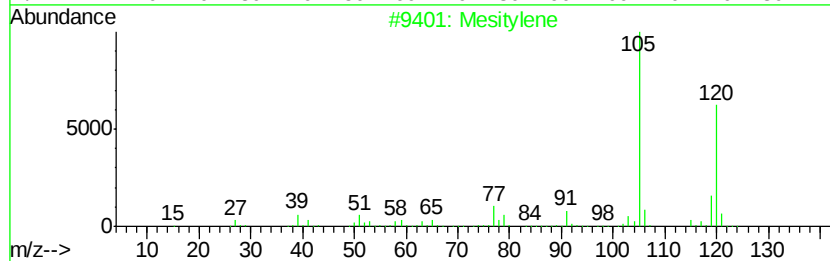
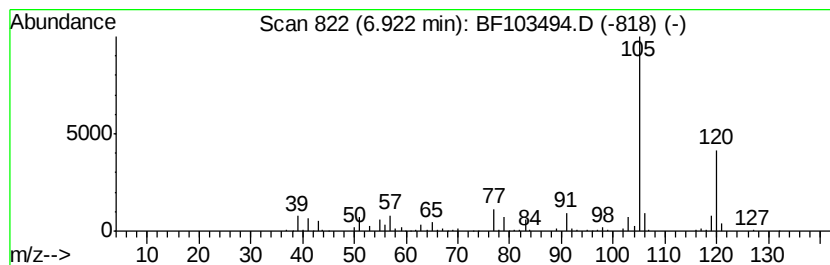
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	7.30 ng	389325	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

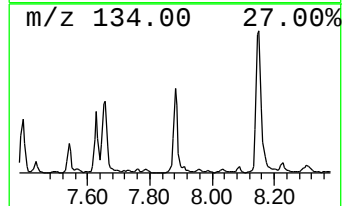
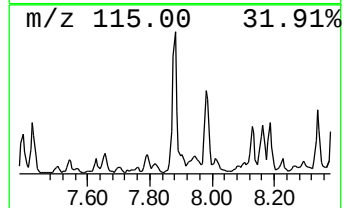
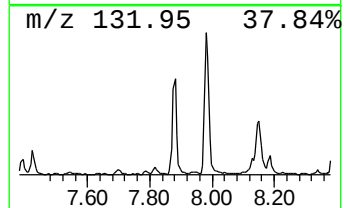
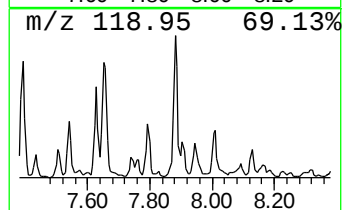
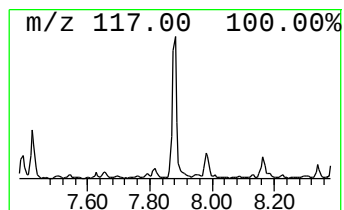
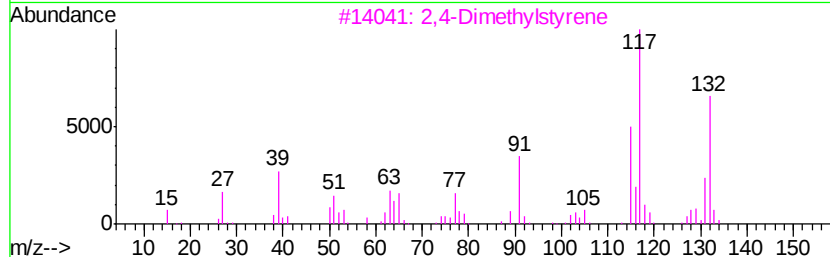
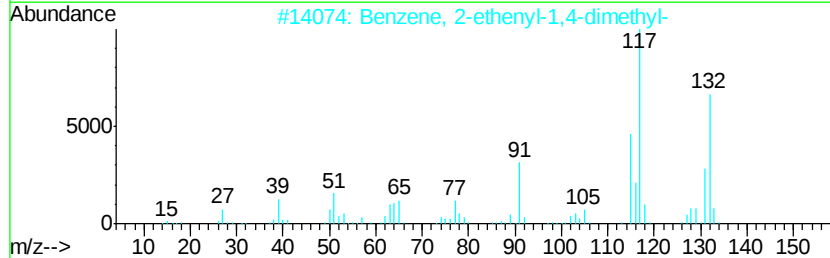
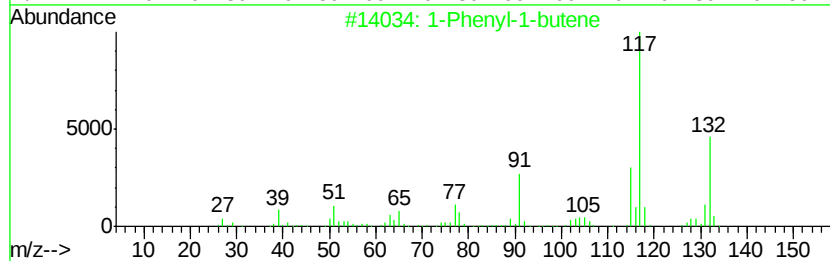
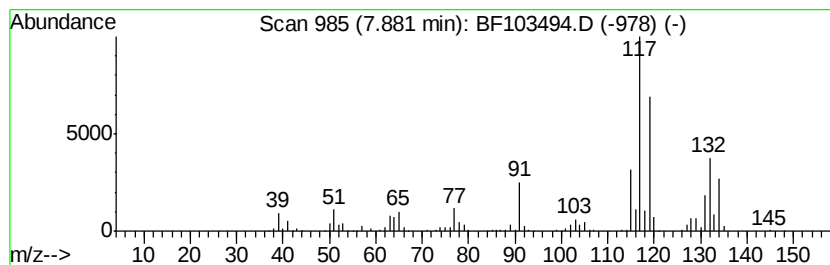
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	7.49 ng	701255	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
Misc :
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Instrument :
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ClientSampleId :
OILY-WATER

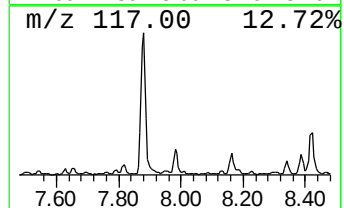
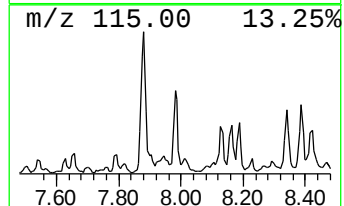
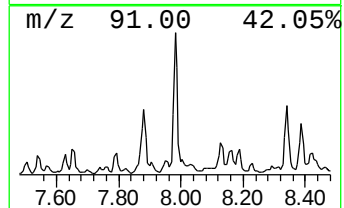
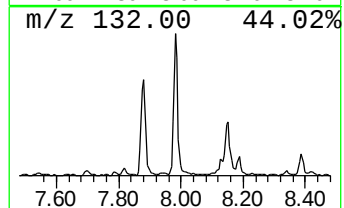
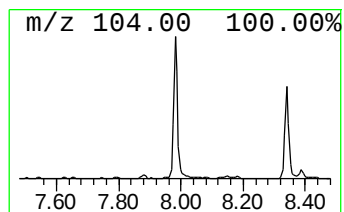
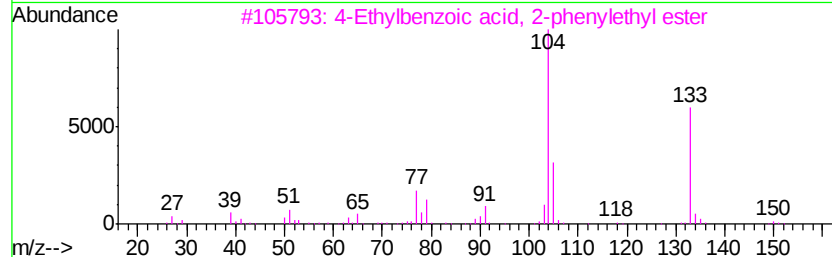
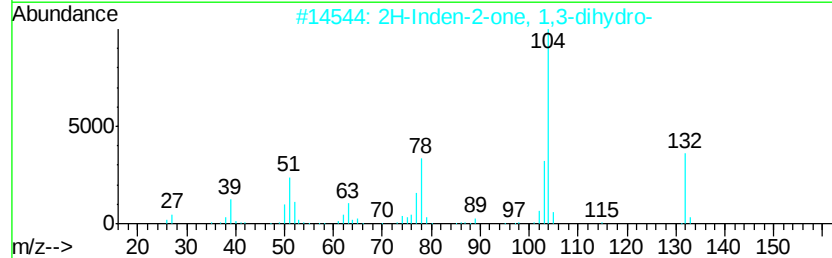
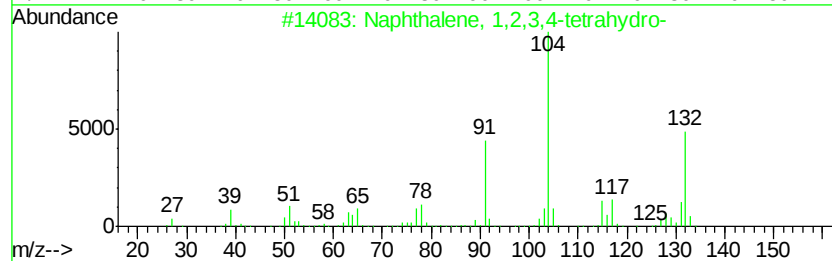
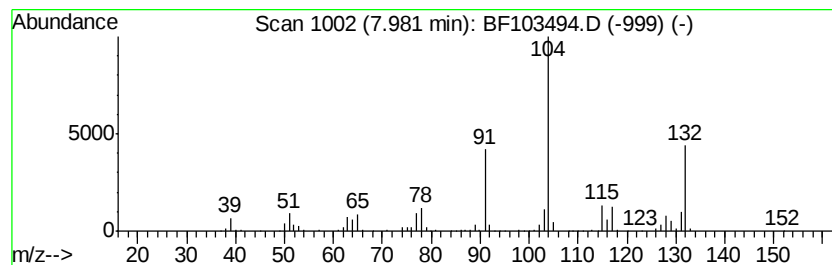
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	5.85 ng	547980	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3		4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	38
4		Benzeneacetic acid, 2-phenylethyl...	240	C16H16O2	000102-20-5	35
5		Indan, epoxide	132	C9H8O	000768-22-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
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ALS Vial : 5 Sample Multiplier: 1

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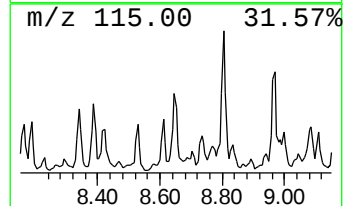
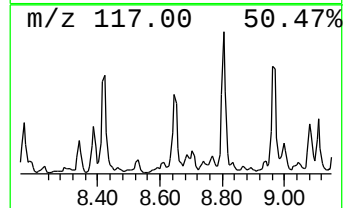
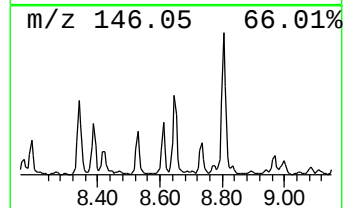
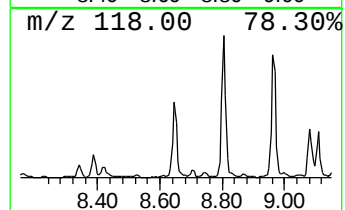
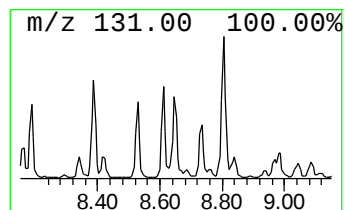
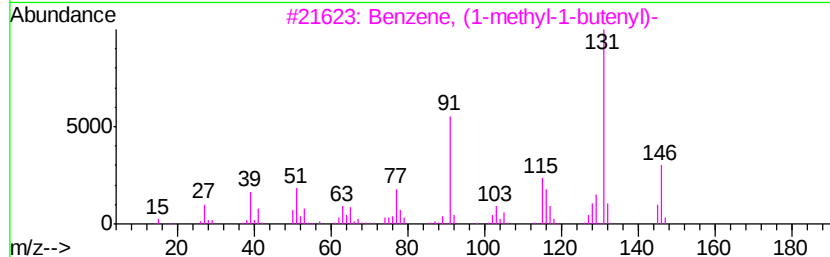
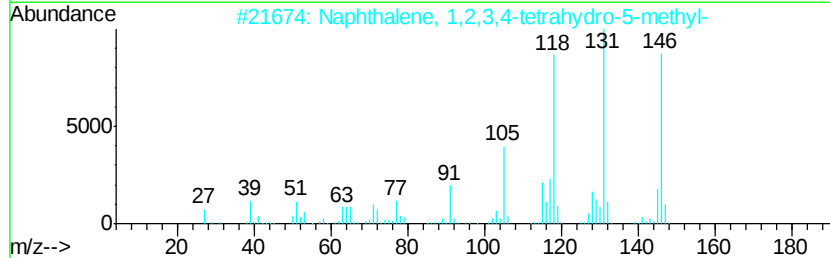
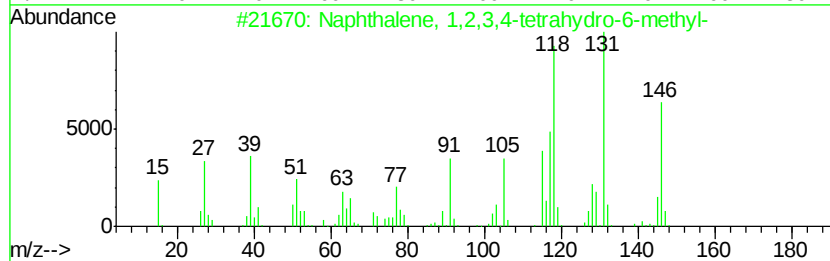
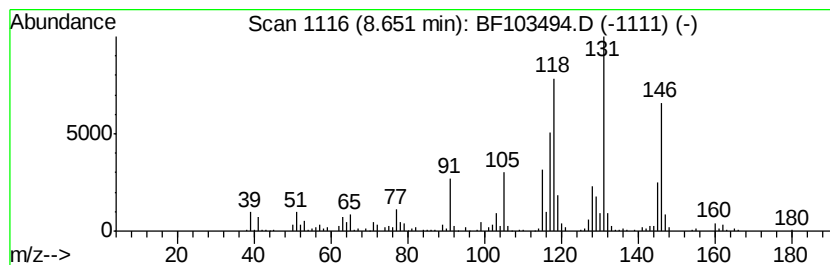
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.85 ng	547535	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

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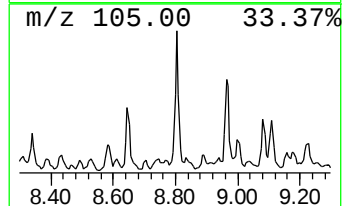
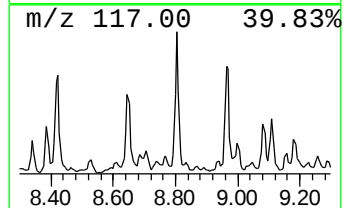
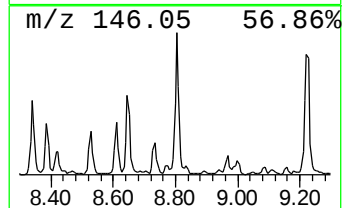
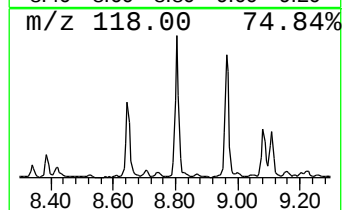
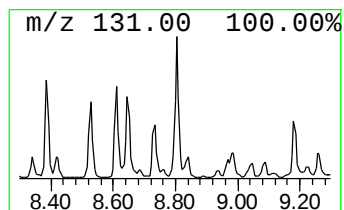
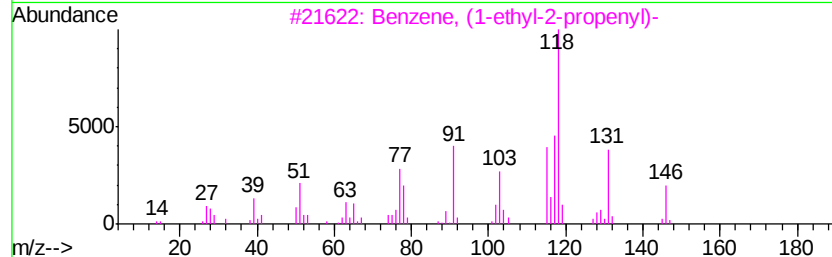
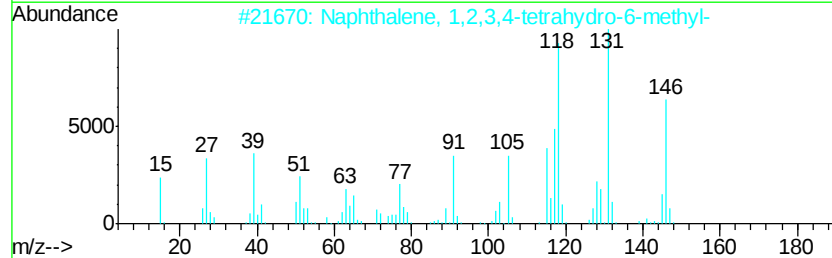
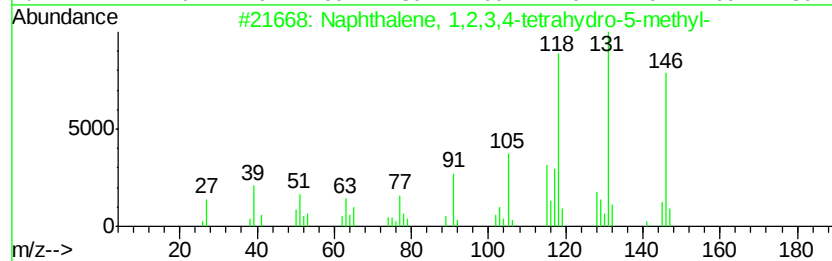
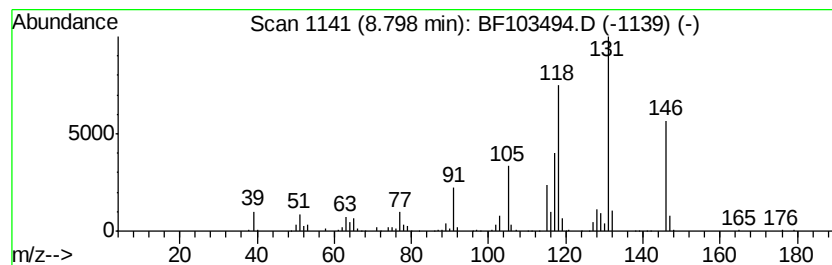
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.96 ng	744767	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
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Misc :
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Instrument :
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ClientSampleId :
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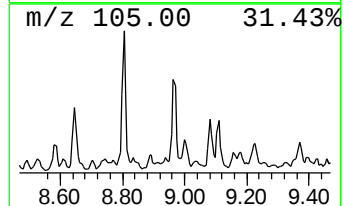
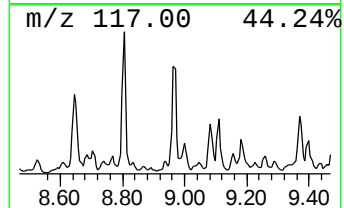
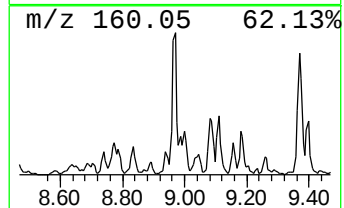
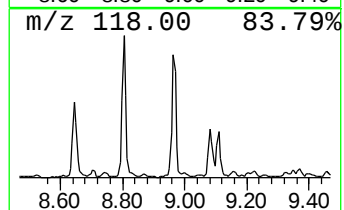
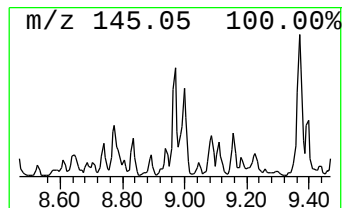
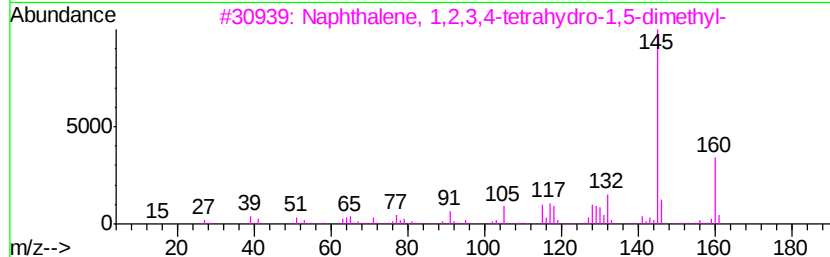
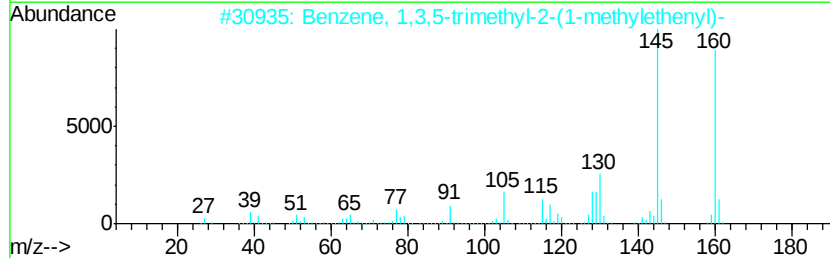
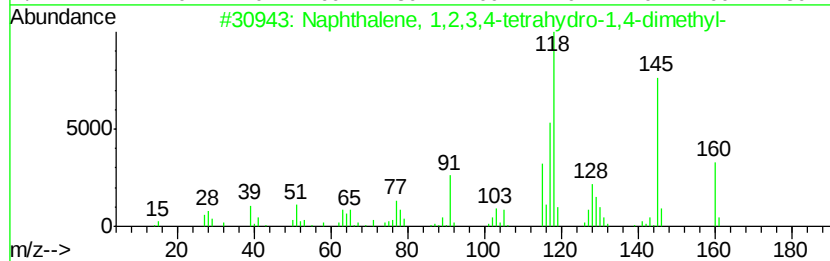
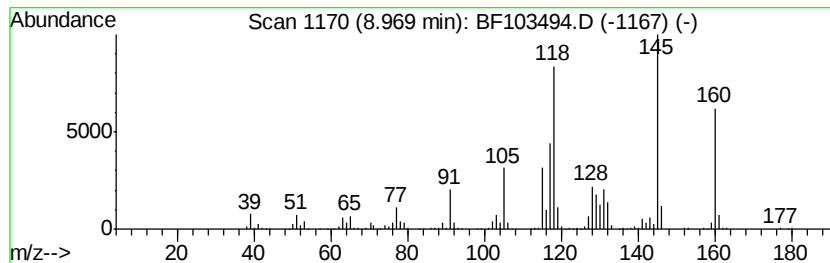
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.72 ng	535646	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
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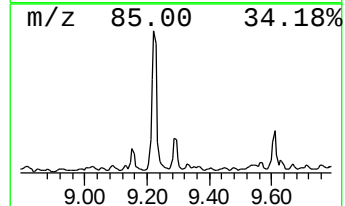
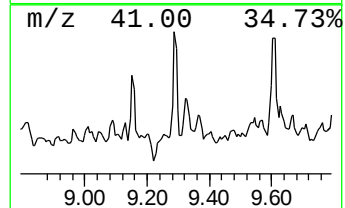
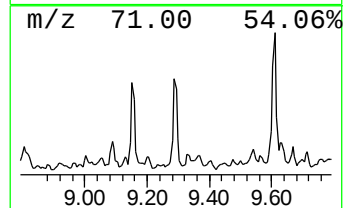
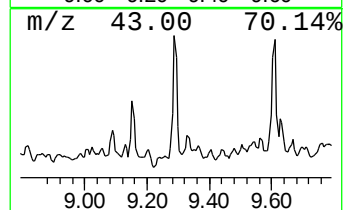
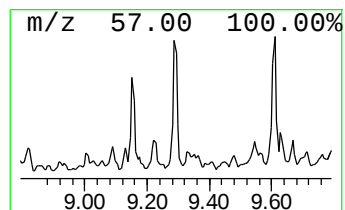
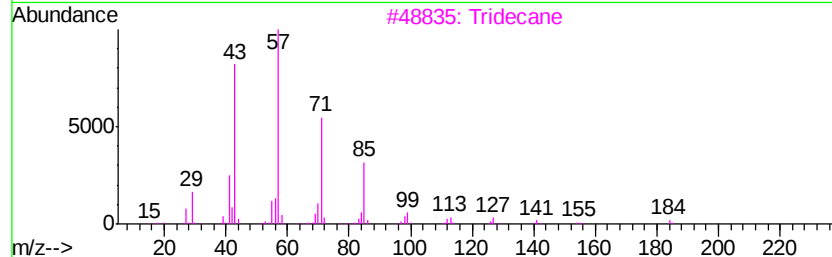
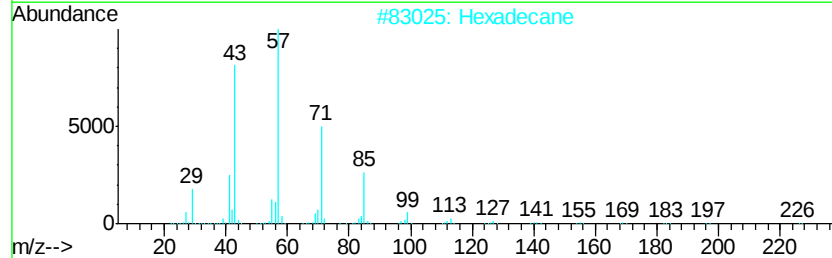
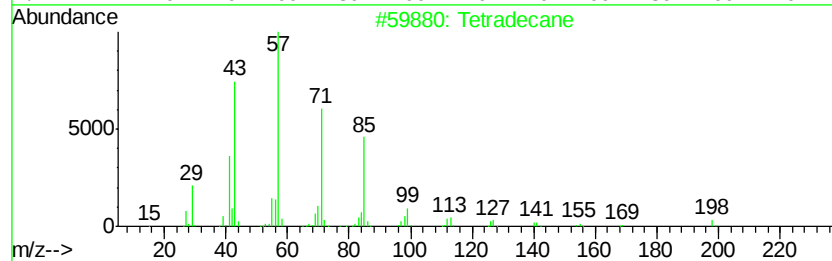
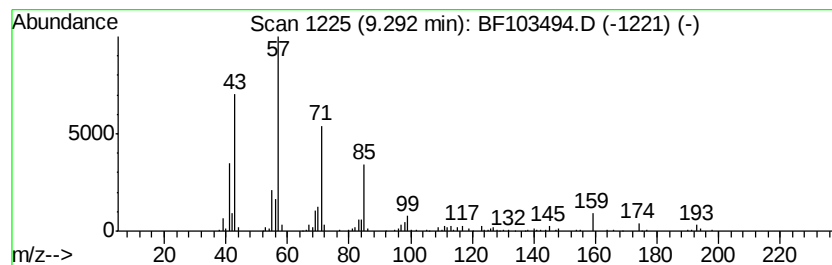
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.58 ng	341668	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	72
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103494.D
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ALS Vial : 5 Sample Multiplier: 1

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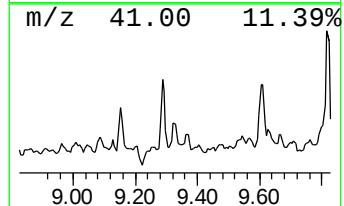
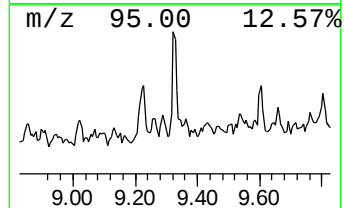
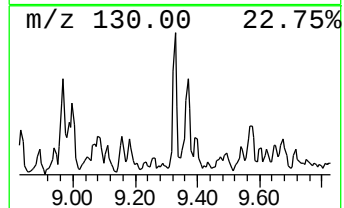
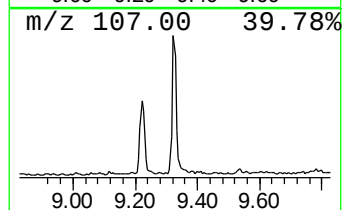
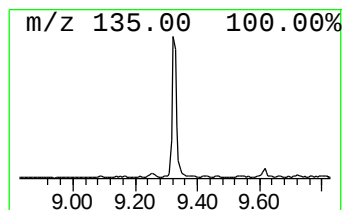
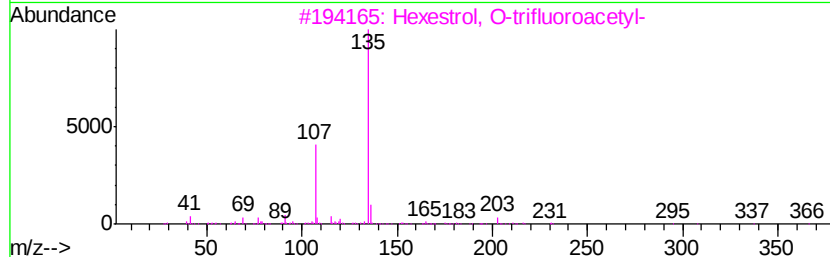
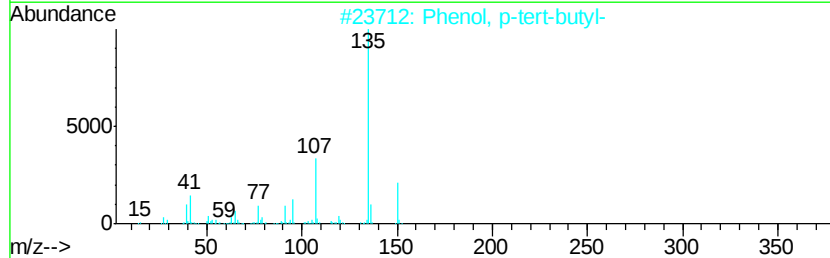
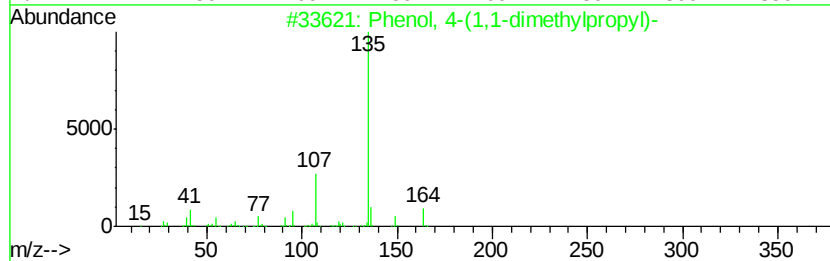
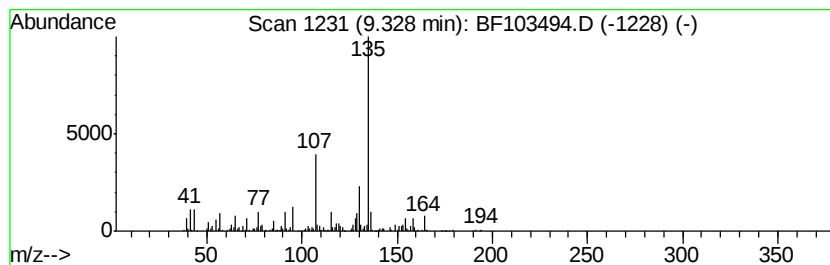
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.48 ng	335630	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	89
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
3		Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	53
4		Hexestrol	270	C18H22O2	000084-16-2	53
5		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

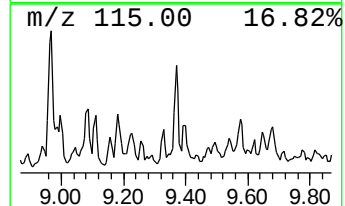
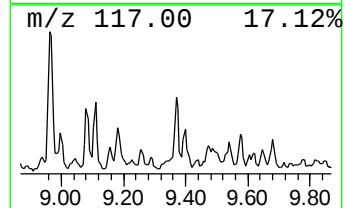
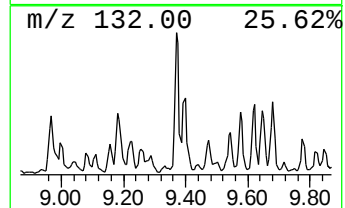
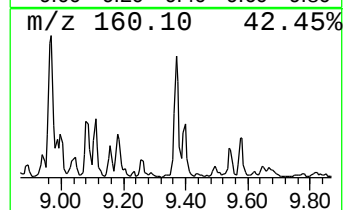
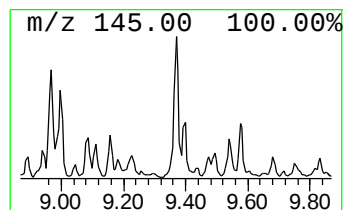
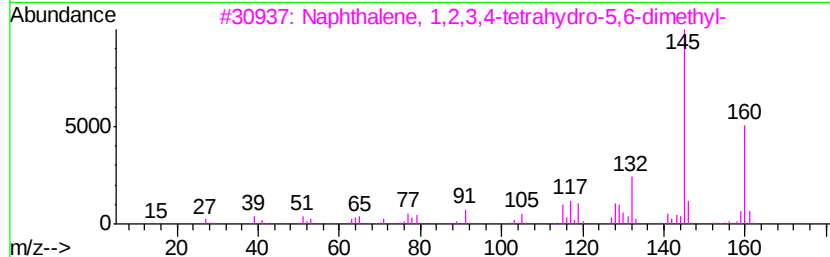
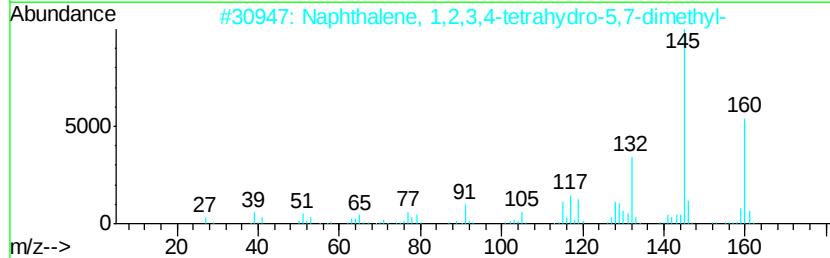
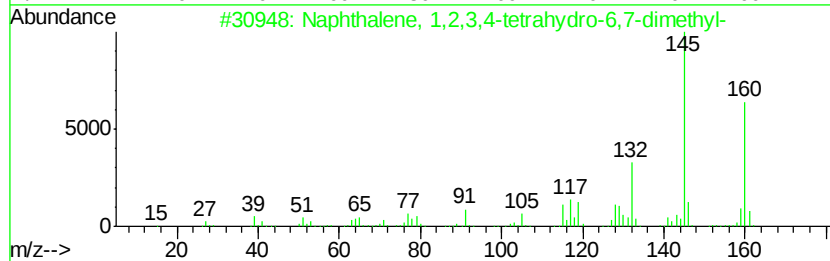
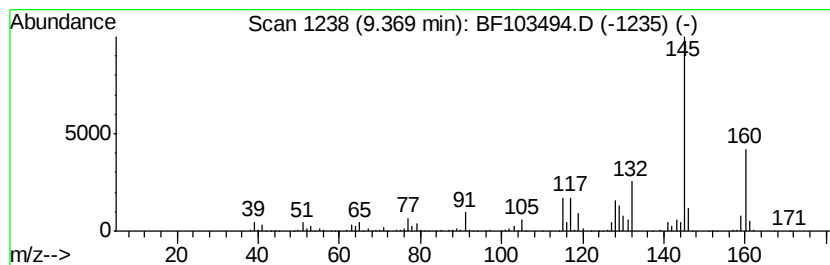
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	8.25 ng	505207	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	97
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	97
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
OILY-WATER

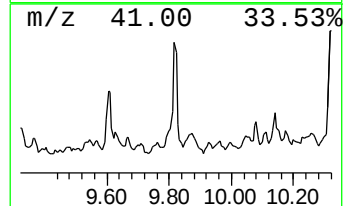
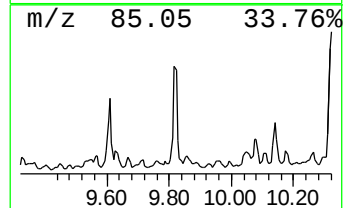
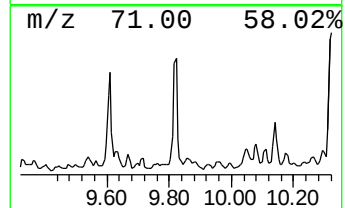
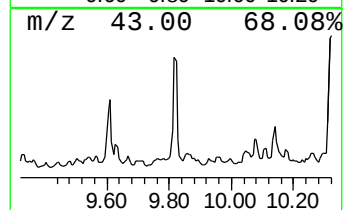
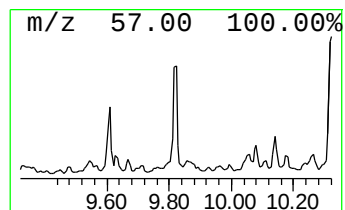
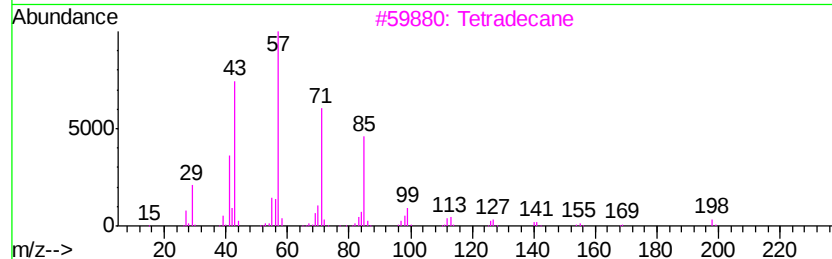
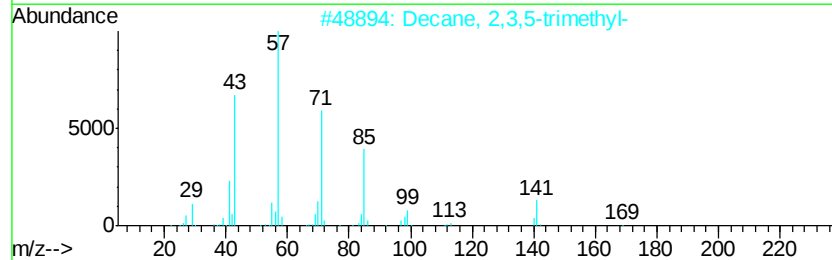
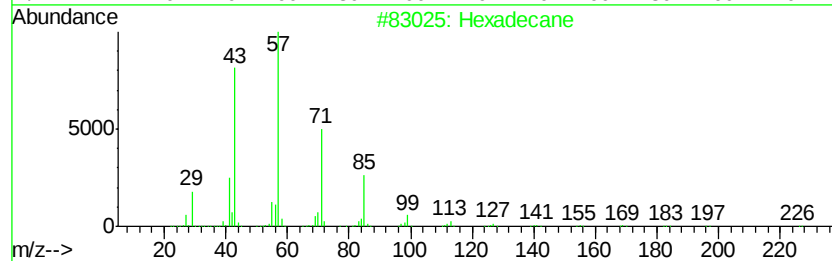
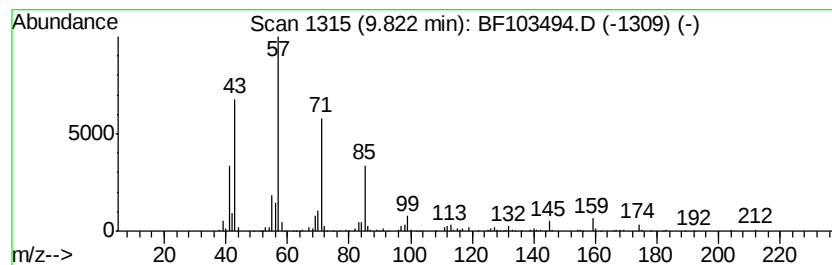
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	8.66 ng	530358	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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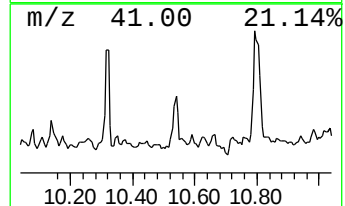
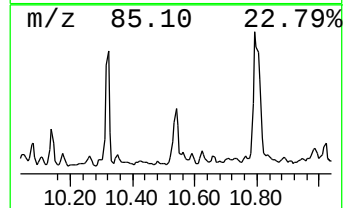
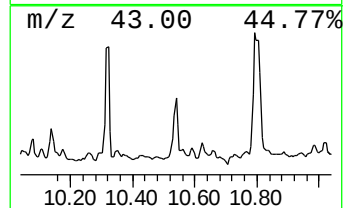
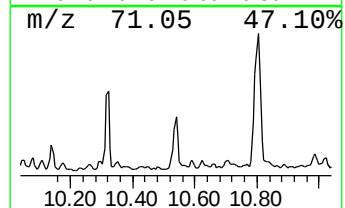
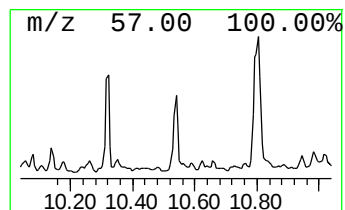
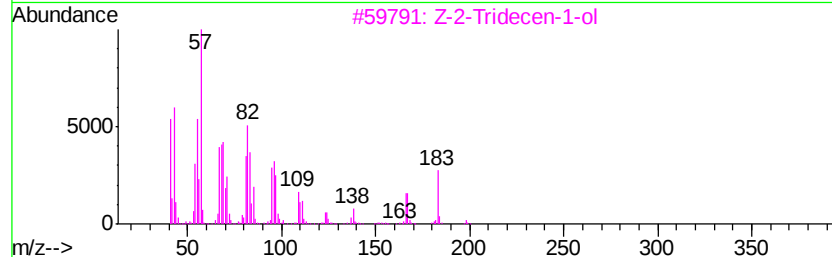
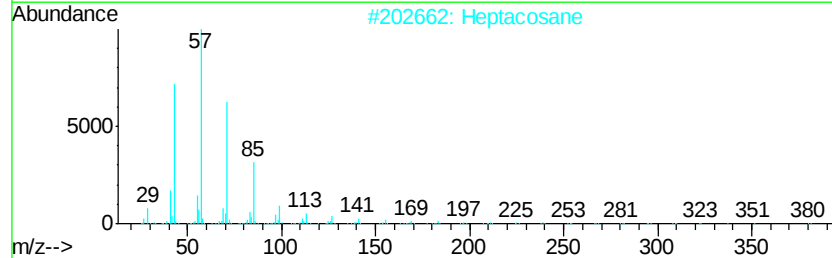
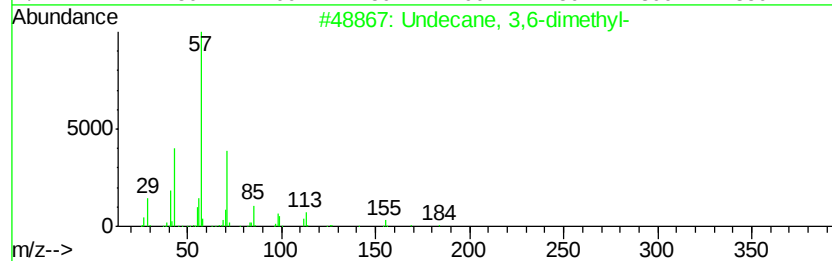
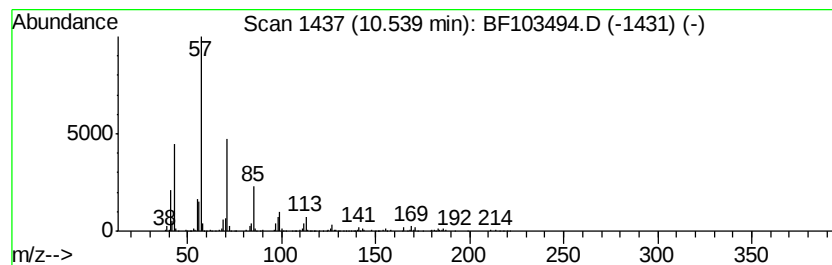
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	8.61 ng	527241	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	87
2	Heptacosane	380 C27H56	000593-49-7	86
3	Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8	74
4	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	72
5	Dodecane, 3-methyl-	184 C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:15
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Misc :
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Instrument :
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ClientSampleId :
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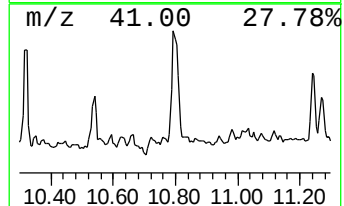
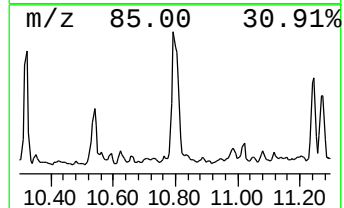
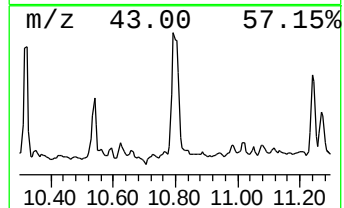
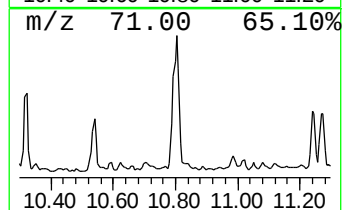
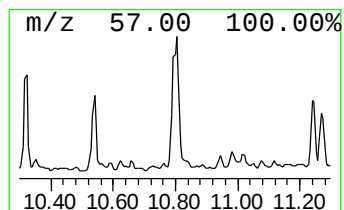
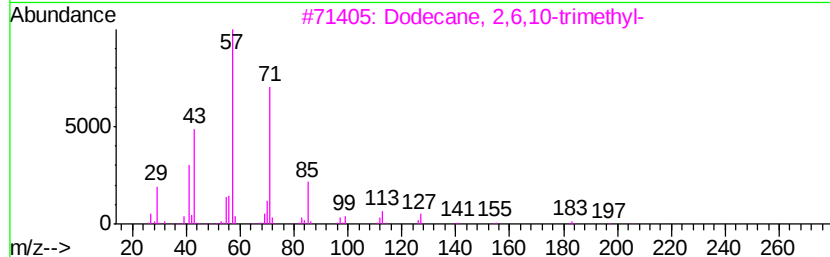
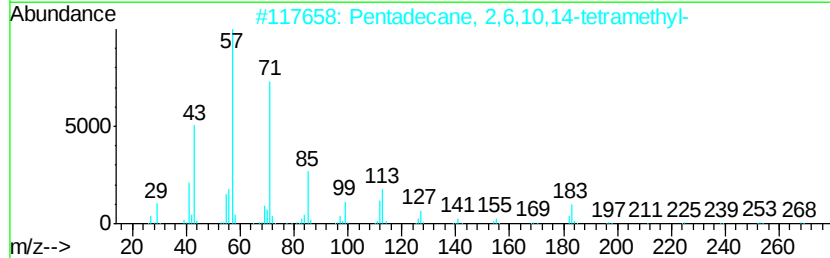
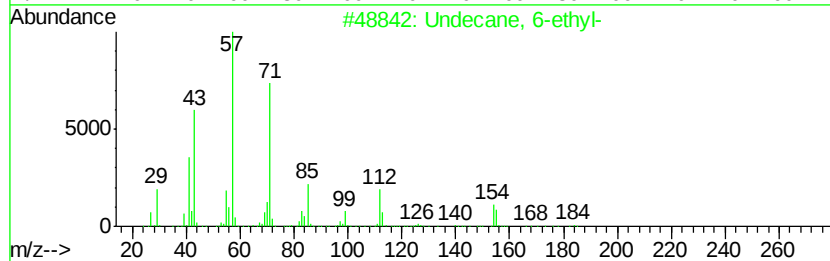
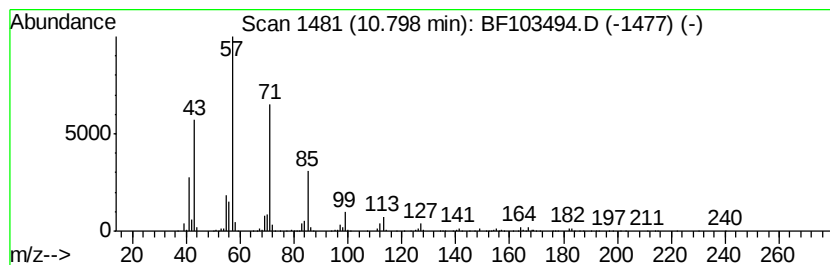
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 6-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	19.72 ng	1089260	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	93
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:15
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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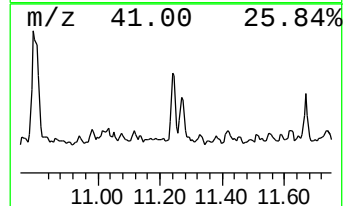
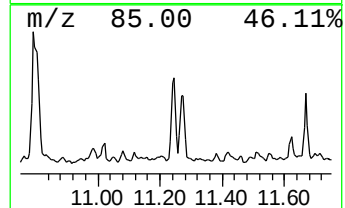
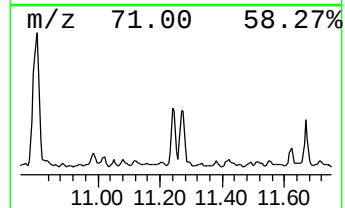
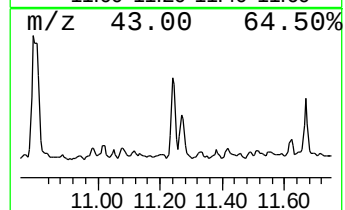
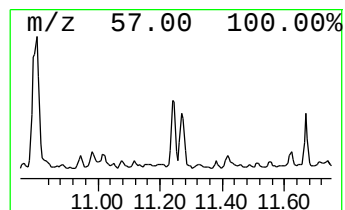
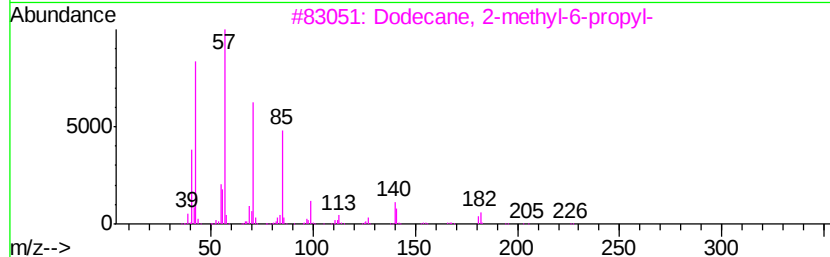
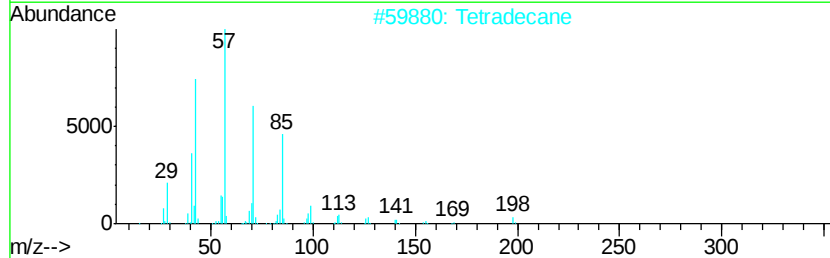
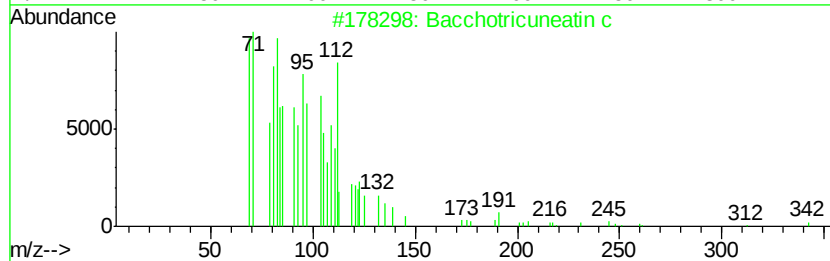
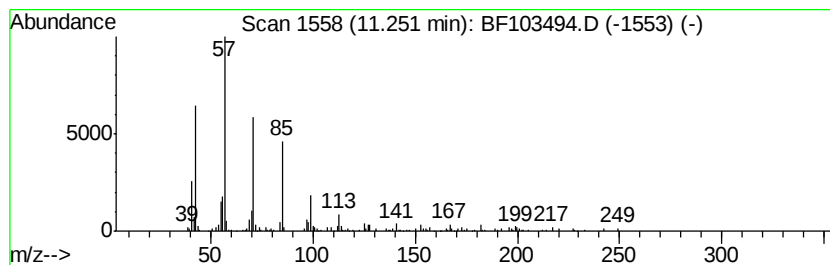
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	7.03 ng	388558	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
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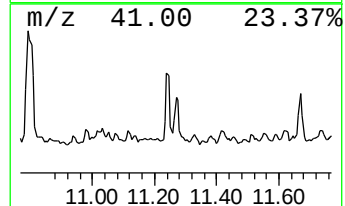
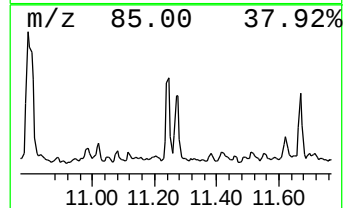
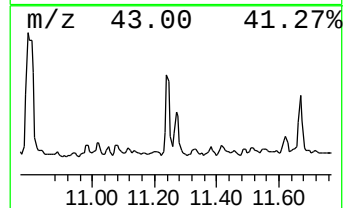
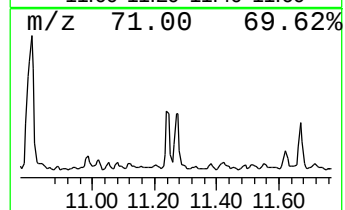
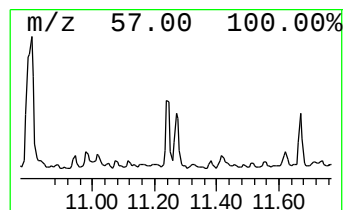
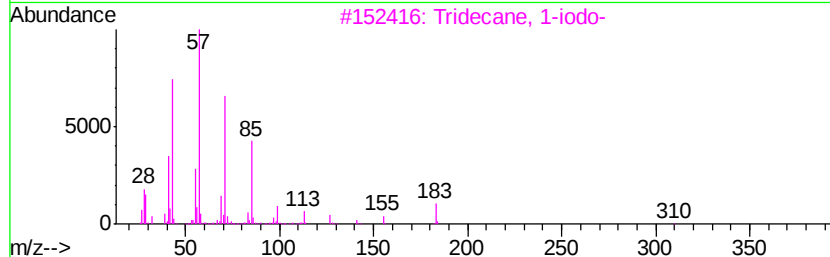
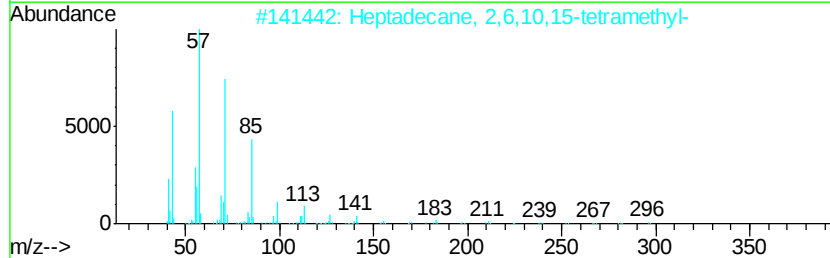
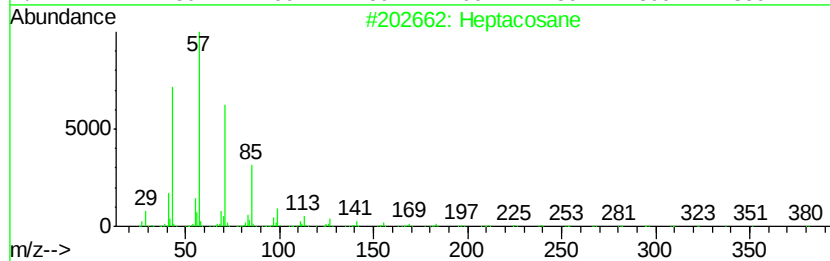
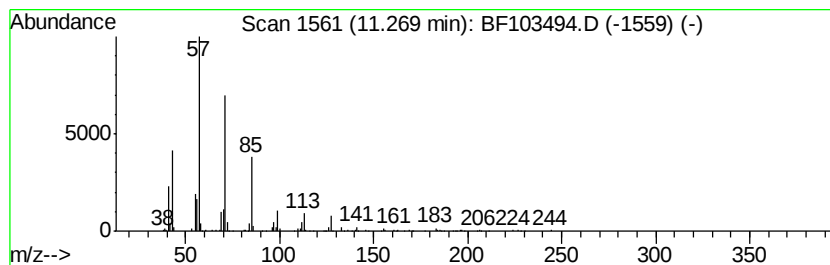
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.40 ng	408880	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-WATER

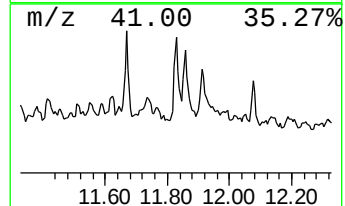
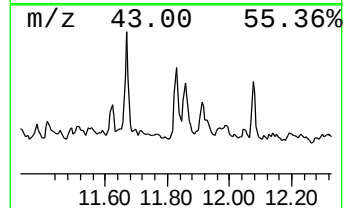
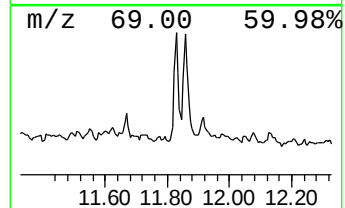
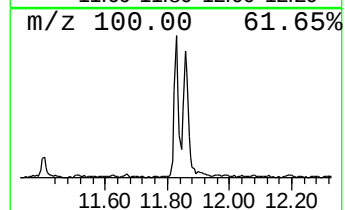
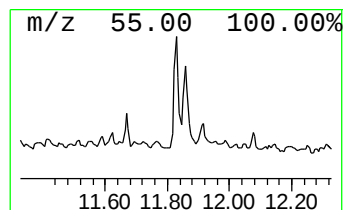
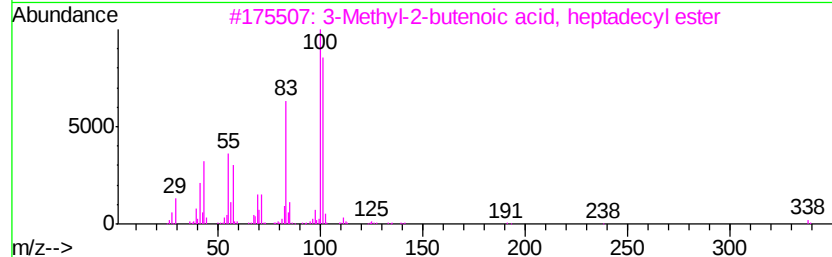
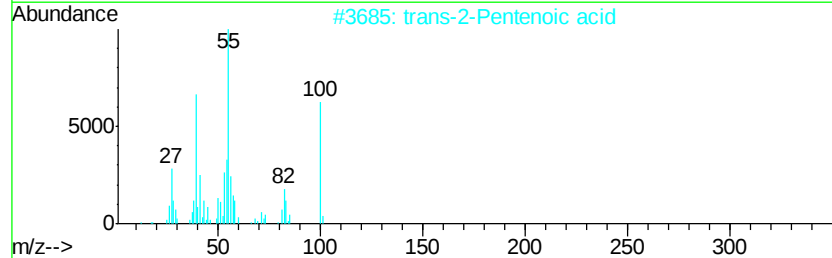
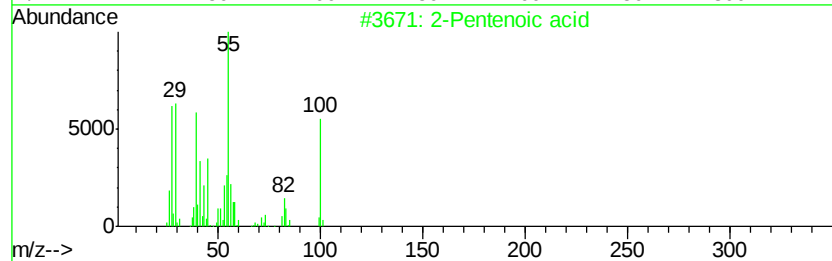
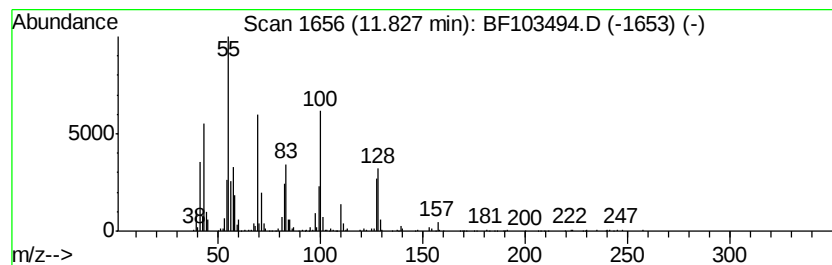
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown11.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.79 ng	430648	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid			100	C5H8O2	000626-98-2	35
2	trans-2-Pentenoic acid			100	C5H8O2	013991-37-2	35
3	3-Methyl-2-butenic acid, heptad...			338	C22H42O2	1000282-89-9	27
4	Tidlic acid			100	C5H8O2	000080-59-1	27
5	2-Butenoic acid, 2-methyl-, (Z)-			100	C5H8O2	000565-63-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103494.D
Acq On : 7 Mar 2018 12:15
Operator : SJ/JU
Sample : J1736-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

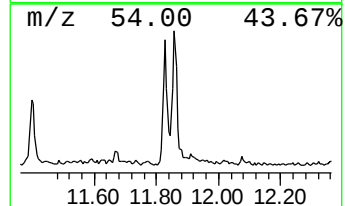
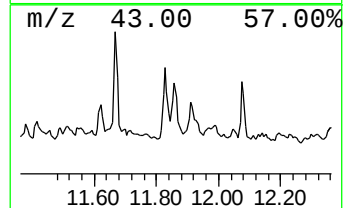
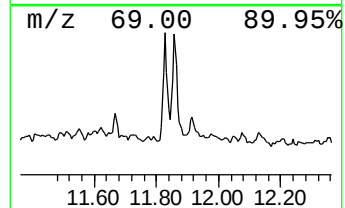
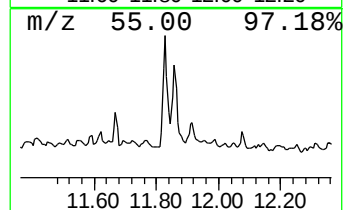
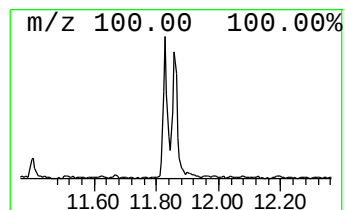
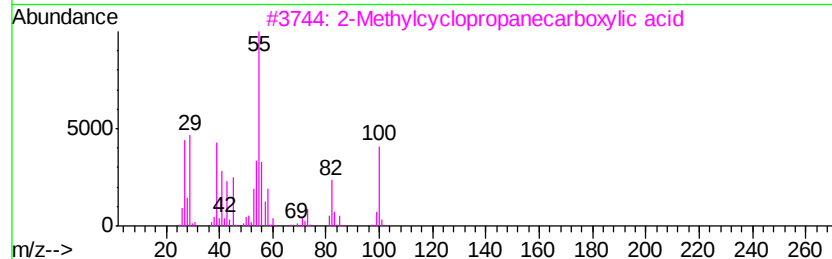
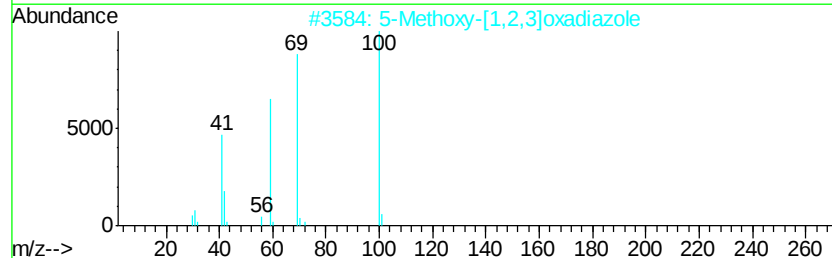
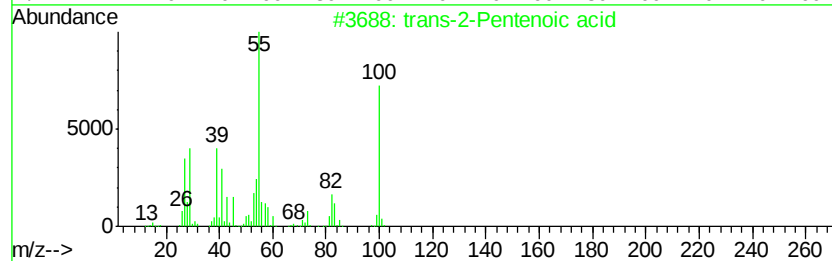
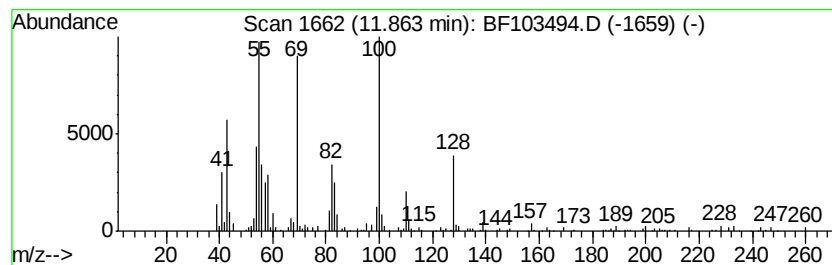
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown11.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.72 ng	316145	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Pentenoic acid			100	C5H8O2	013991-37-2	43
2	5-Methoxy-[1,2,3]oxadiazole			100	C3H4N2O2	1000322-54-7	38
3	2-Methylcyclopropanecarboxylic acid			100	C5H8O2	029555-02-0	38
4	1-Heptafluorobutyl-10-undecene			366	C15H21F7O2	1000215-96-6	38
5	3-Piperidinol, 6-methyl-			115	C6H13NO	054751-93-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
 Data File : BF103494.D
 Acq On : 7 Mar 2018 12:15
 Operator : SJ/JU
 Sample : J1736-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.13	18.9	ng	1007300	1	6.86	1066360	20.0
unknown6.64	6.64	64.7	ng	3448650	1	6.86	1066360	20.0
Mesitylene	6.92	7.3	ng	389325	1	6.86	1066360	20.0
1-Phenyl-1-butene	7.88	7.5	ng	701255	2	8.15	1872230	20.0
Naphthalene, 1,2,...	7.98	5.8	ng	547980	2	8.15	1872230	20.0
Naphthalene, 1,2,...	8.65	5.8	ng	547535	2	8.15	1872230	20.0
Naphthalene, 1,2,...	8.80	8.0	ng	744767	2	8.15	1872230	20.0
Naphthalene, 1,2,...	8.97	5.7	ng	535646	2	8.15	1872230	20.0
Tetradecane	9.29	5.6	ng	341668	3	9.90	1225040	20.0
Phenol, 4-(1,1-di...	9.33	5.5	ng	335630	3	9.90	1225040	20.0
Naphthalene, 1,2,...	9.37	8.3	ng	505207	3	9.90	1225040	20.0
Hexadecane	9.82	8.7	ng	530358	3	9.90	1225040	20.0
Undecane, 3,6-dim...	10.54	8.6	ng	527241	3	9.90	1225040	20.0
Undecane, 6-ethyl-	10.80	19.7	ng	1089260	4	11.40	1104950	20.0
Bacchotricuneatin c	11.25	7.0	ng	388558	4	11.40	1104950	20.0
Heptacosane	11.27	7.4	ng	408880	4	11.40	1104950	20.0
unknown11.83	11.83	7.8	ng	430648	4	11.40	1104950	20.0
unknown11.86	11.86	5.7	ng	316145	4	11.40	1104950	20.0