

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030118\
 Data File : BF103345.D
 Acq On : 1 Mar 2018 19:03
 Operator : SJ/JU
 Sample : J1715-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 500KV-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	5.510	578	582	594	rBV	32746	68924	3.02%	0.227%
2	6.534	750	756	761	rBV4	30720	69570	3.05%	0.229%
3	6.657	773	777	781	rBV2	50606	60255	2.64%	0.198%
4	6.698	781	784	788	rVB2	69212	60638	2.66%	0.199%
5	6.875	811	814	820	rBV	805988	753692	33.08%	2.479%
6	7.034	839	841	849	rVB2	75062	86227	3.78%	0.284%
7	7.139	853	859	862	rBV3	61723	79616	3.49%	0.262%
8	7.204	866	870	873	rVB2	48224	54923	2.41%	0.181%
9	7.251	873	878	879	rBV2	59532	57612	2.53%	0.189%
10	7.269	879	881	883	rVB	77923	56714	2.49%	0.187%
11	7.404	899	904	908	rBV5	56923	73215	3.21%	0.241%
12	7.463	908	914	918	rBV2	164408	196535	8.63%	0.646%
13	7.516	918	923	926	rBV4	100377	125976	5.53%	0.414%
14	7.563	926	931	934	rBV5	64855	103547	4.54%	0.341%
15	7.651	942	946	948	rBV3	77201	100436	4.41%	0.330%
16	7.681	948	951	956	rVB3	229144	222847	9.78%	0.733%
17	7.745	959	962	965	rBV	101034	131966	5.79%	0.434%
18	7.792	968	970	974	rBV2	180388	222721	9.77%	0.733%
19	7.834	974	977	980	rVB3	121085	120150	5.27%	0.395%
20	7.863	980	982	985	rVB3	132618	103613	4.55%	0.341%
21	7.898	985	988	990	rBV2	207967	184695	8.11%	0.607%
22	7.939	993	995	998	rBV2	152932	141735	6.22%	0.466%
23	7.998	1002	1005	1007	rVB2	147623	121930	5.35%	0.401%
24	8.028	1007	1010	1012	rBV3	92934	90177	3.96%	0.297%
25	8.063	1012	1016	1019	rBV2	201111	256592	11.26%	0.844%
26	8.098	1019	1022	1024	rBV2	156711	167193	7.34%	0.550%
27	8.133	1025	1028	1030	rBV2	500742	463612	20.35%	1.525%
28	8.163	1030	1033	1035	rBV	1035148	817555	35.88%	2.689%
29	8.210	1038	1041	1043	rVB2	540782	473383	20.78%	1.557%
30	8.239	1043	1046	1048	rBV3	210162	226351	9.93%	0.744%
31	8.263	1048	1050	1052	rVB2	137721	92335	4.05%	0.304%
32	8.304	1054	1057	1059	rBV3	102730	110475	4.85%	0.363%
33	8.333	1059	1062	1063	rBV2	144946	132083	5.80%	0.434%
34	8.357	1063	1066	1068	rVB3	252291	217837	9.56%	0.716%

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35	8.392	1068	1072	1075	rBV4	237053	347300	15.24%	1.142%
36	8.422	1075	1077	1078	rBV2	85468	68279	3.00%	0.225%
37	8.445	1078	1081	1085	rBV4	503890	640361	28.10%	2.106%
38	8.492	1085	1089	1093	rBV5	236180	383586	16.83%	1.262%
39	8.528	1093	1095	1096	rBV2	235378	189174	8.30%	0.622%
40	8.569	1099	1102	1104	rBV	571207	453185	19.89%	1.491%
41	8.598	1104	1107	1108	rBV3	245061	210251	9.23%	0.692%
42	8.622	1108	1111	1113	rVB4	324147	345157	15.15%	1.135%
43	8.663	1115	1118	1120	rBV2	344999	261714	11.49%	0.861%
44	8.692	1120	1123	1126	rBV4	176134	277412	12.17%	0.912%
45	8.739	1129	1131	1135	rVB2	496316	442964	19.44%	1.457%
46	8.781	1135	1138	1140	rBV3	380231	492522	21.62%	1.620%
47	8.904	1157	1159	1161	rVB	342001	255096	11.20%	0.839%
48	8.928	1161	1163	1167	rBV3	355359	450667	19.78%	1.482%
49	8.980	1170	1172	1174	rBV2	565932	482421	21.17%	1.587%
50	9.022	1177	1179	1181	rBV3	386784	466773	20.49%	1.535%
51	9.110	1191	1194	1195	rBV3	275482	274999	12.07%	0.905%
52	9.151	1198	1201	1203	rBV3	506881	451804	19.83%	1.486%
53	9.175	1203	1205	1210	rVB4	429143	448444	19.68%	1.475%
54	9.222	1210	1213	1216	rBV3	288688	398980	17.51%	1.312%
55	9.269	1219	1221	1224	rBV3	246213	331897	14.57%	1.092%
56	9.310	1225	1228	1231	rBV2	1062803	1111431	48.78%	3.656%
57	9.363	1233	1237	1239	rVV2	335677	560324	24.59%	1.843%
58	9.386	1239	1241	1243	rVB	430495	320144	14.05%	1.053%
59	9.551	1266	1269	1270	rBV3	408765	476087	20.89%	1.566%
60	9.628	1279	1282	1285	rBV3	1197707	1531877	67.23%	5.039%
61	9.786	1305	1309	1311	rBV3	869810	1013818	44.49%	3.335%
62	9.828	1314	1316	1320	rVV3	1195366	1440606	63.22%	4.738%
63	9.880	1323	1325	1327	rVV2	733825	835033	36.65%	2.747%
64	9.916	1327	1331	1335	rVV3	1309775	2278591	100.00%	7.495%
65	9.951	1335	1337	1339	rVV3	453643	361470	15.86%	1.189%
66	10.075	1356	1358	1361	rBV2	536023	550147	24.14%	1.810%
67	10.327	1399	1401	1406	rVB2	628943	783830	34.40%	2.578%
68	10.375	1407	1409	1412	rBV	734988	804517	35.31%	2.646%
69	10.563	1437	1441	1444	rBV	1233191	1800069	79.00%	5.921%
70	10.833	1484	1487	1494	rVB	1381248	1823708	80.04%	5.998%
71	14.068	2034	2037	2041	rVB	467675	431034	18.92%	1.418%

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72	15.568	2289	2292	2302	rVB2	250799	362362	15.90%	1.192%
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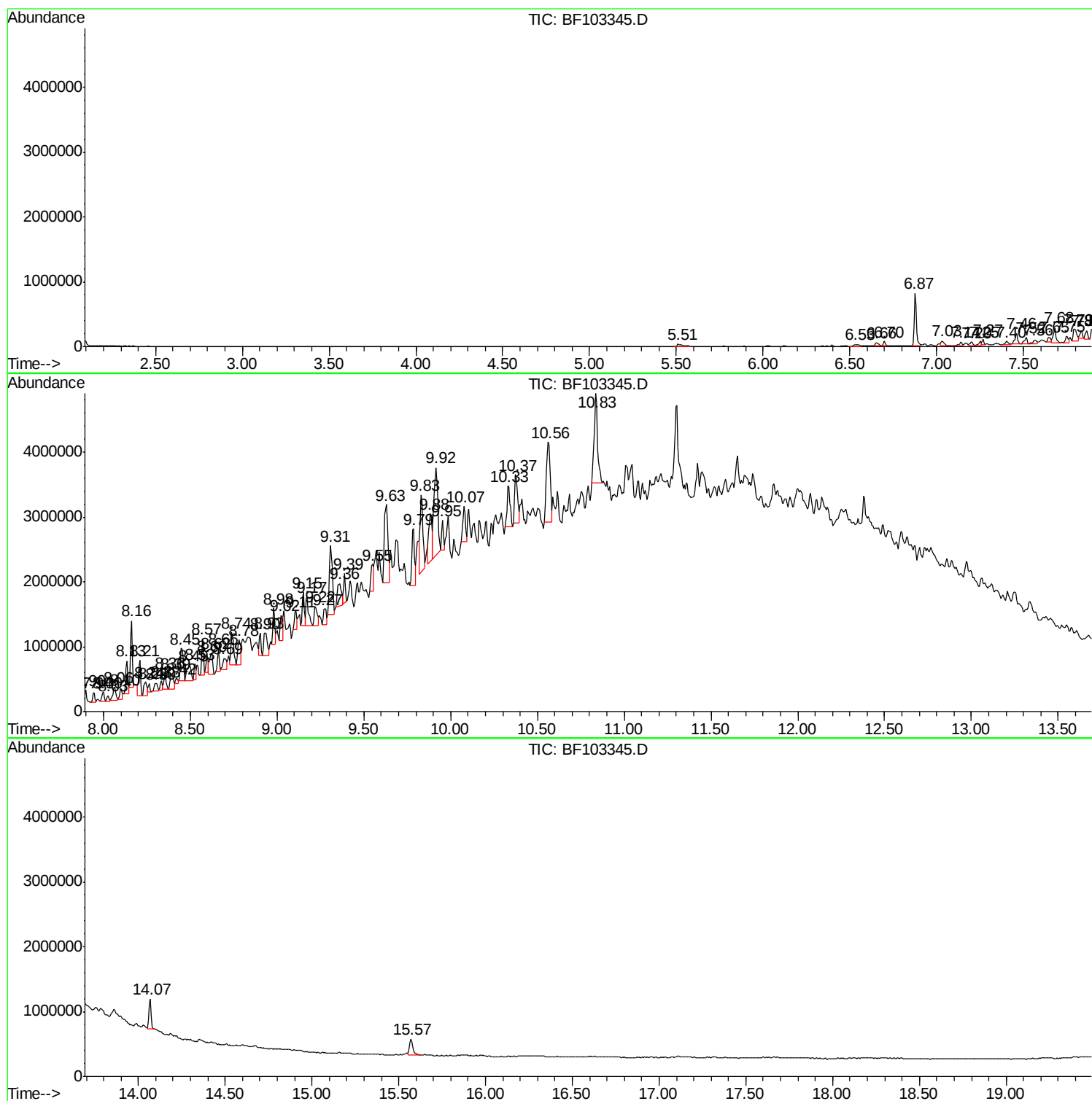
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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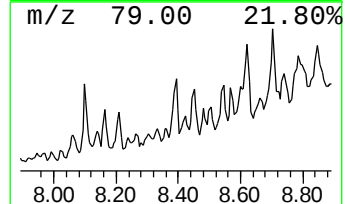
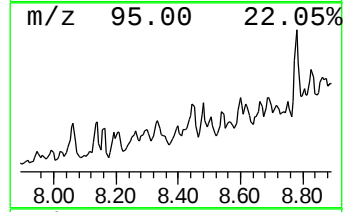
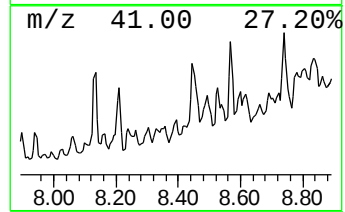
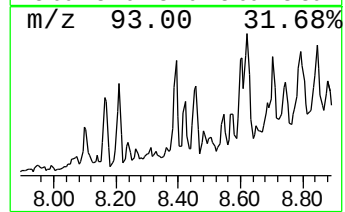
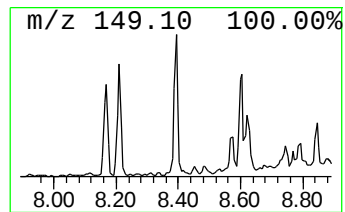
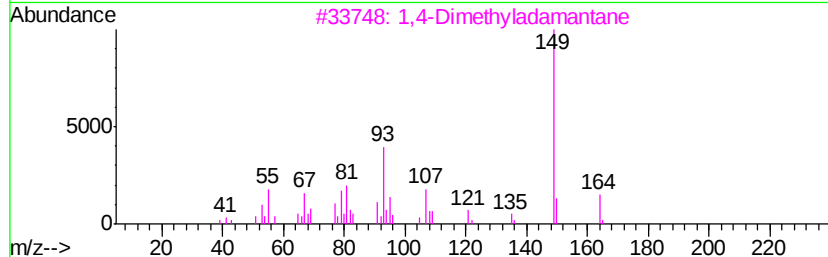
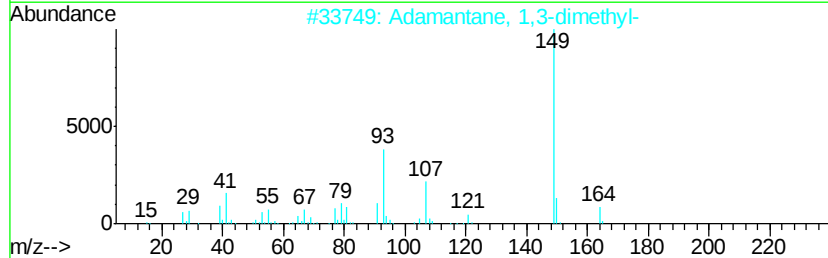
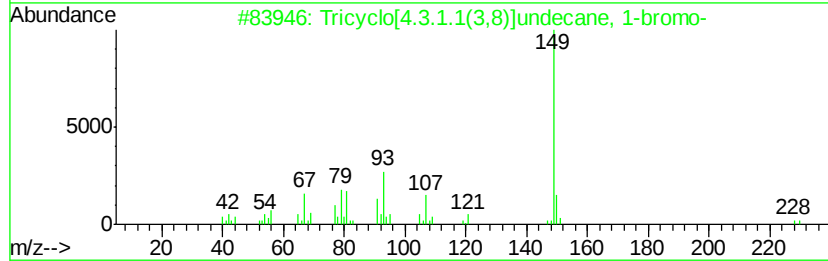
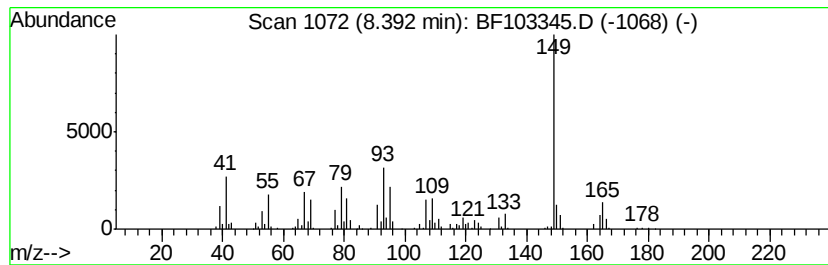
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	8.50 ng	347300	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	64
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	60
3			1,4-Dimethyladamantane	164	C12H20	024145-88-8	53
4			2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	50
5			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	47



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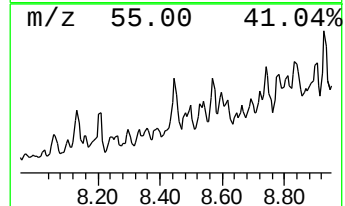
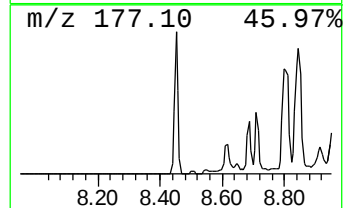
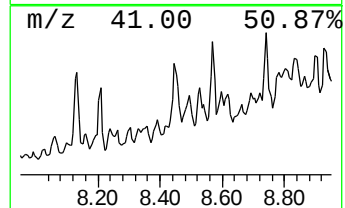
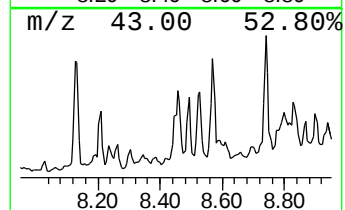
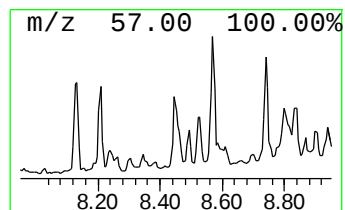
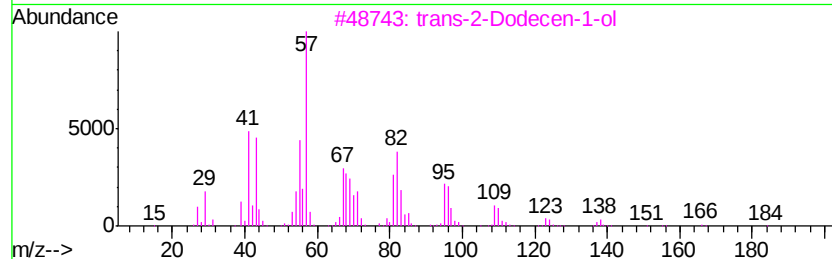
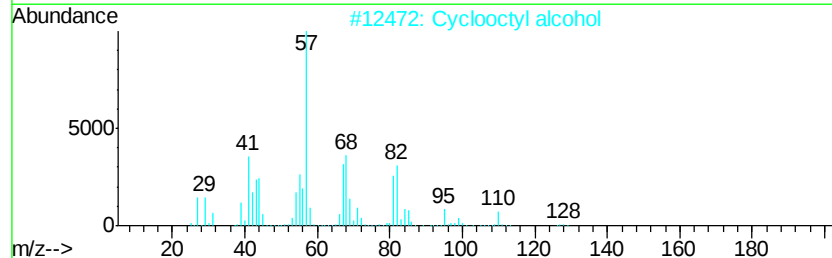
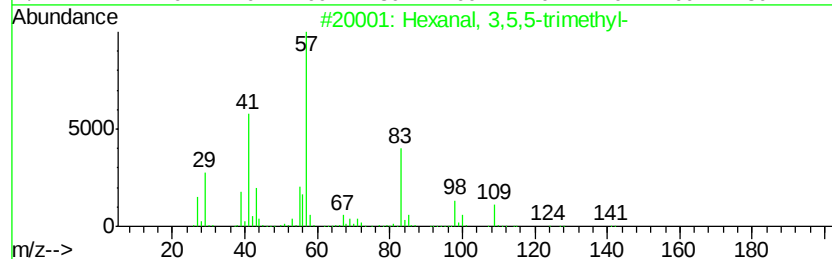
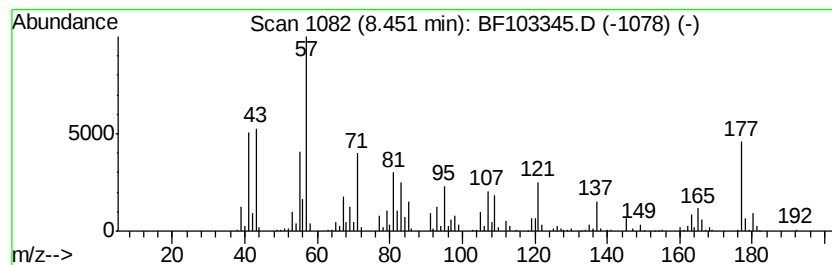
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 unknown8.45 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	15.67 ng	640361	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	27
2		Cyclooctyl alcohol	128	C8H16O	000696-71-9	25
3		trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	25
4		2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	22
5		4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	14



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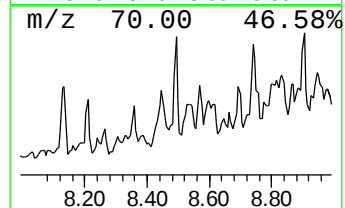
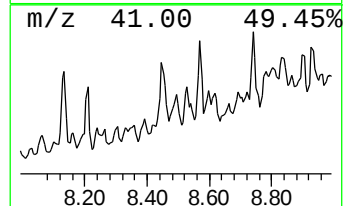
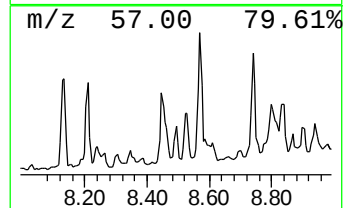
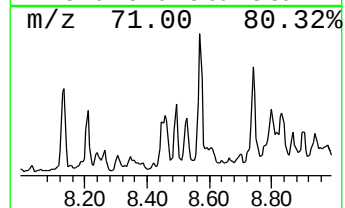
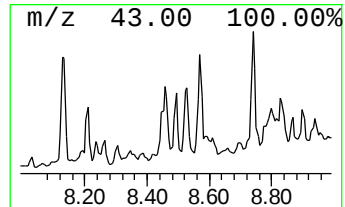
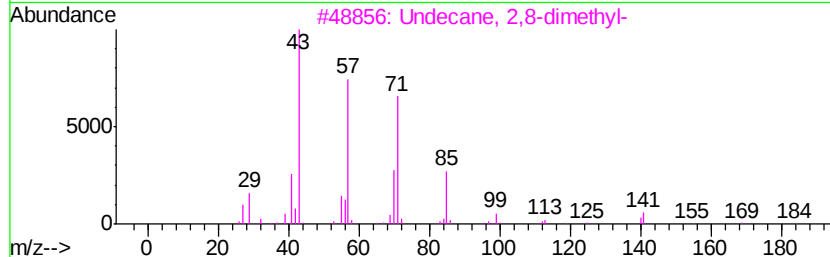
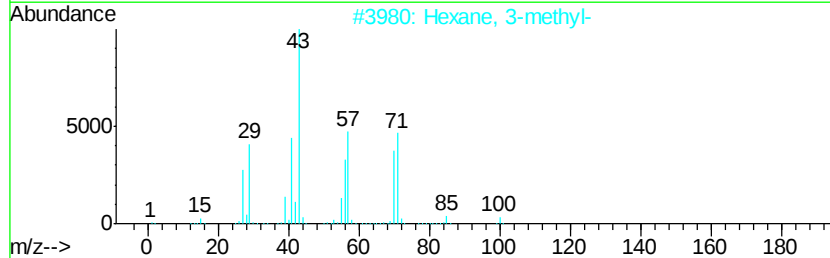
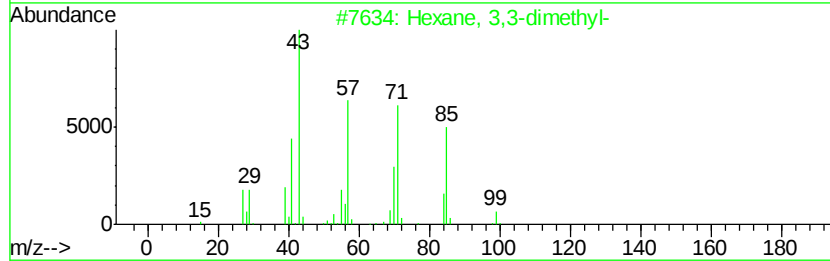
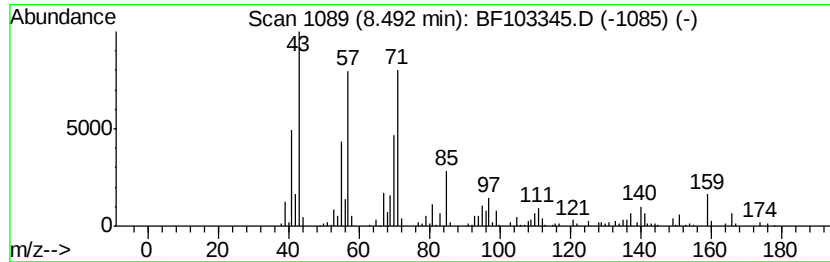
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 3,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	9.38 ng	383586	Naphthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	59
2	Hexane, 3-methyl-	100 C7H16	000589-34-4	52
3	Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6	50
4	Sulfurous acid, hexyl 2-pentyl e...	236 C11H24O3S	1000309-15-6	47
5	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	47



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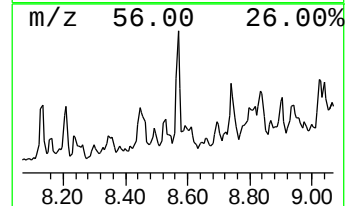
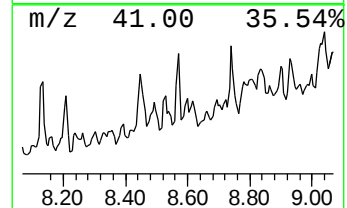
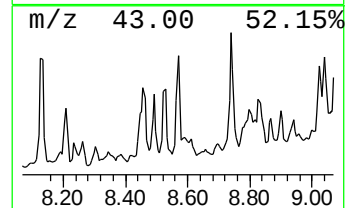
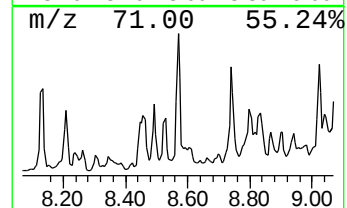
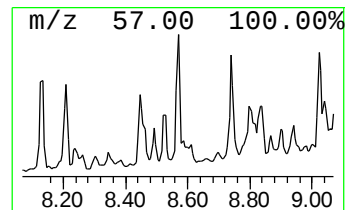
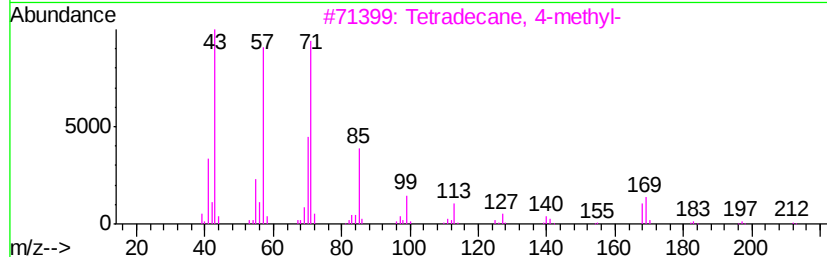
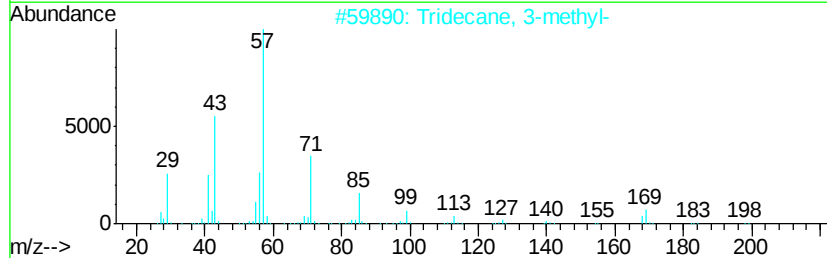
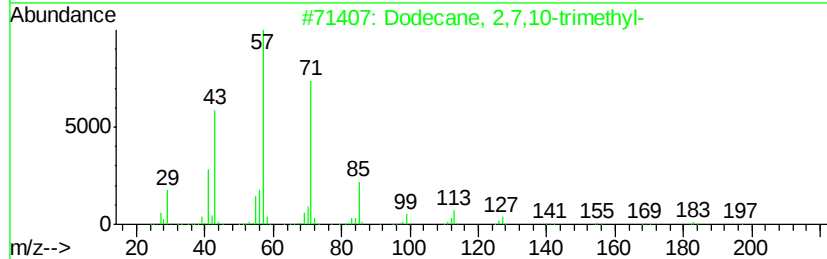
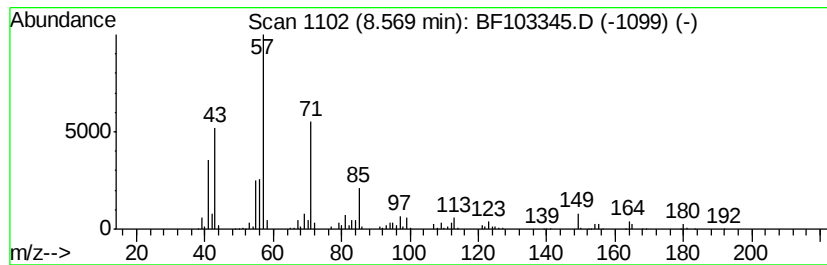
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	11.09 ng	453185	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



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Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

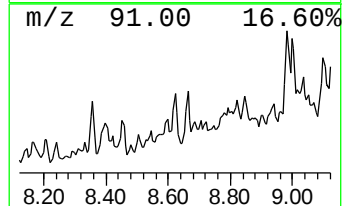
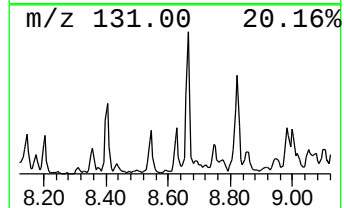
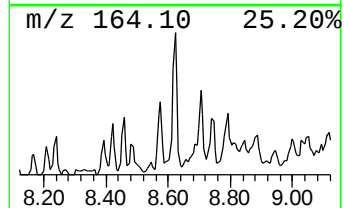
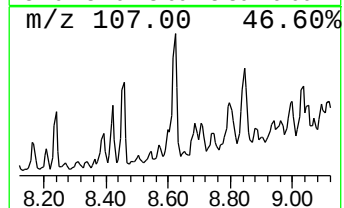
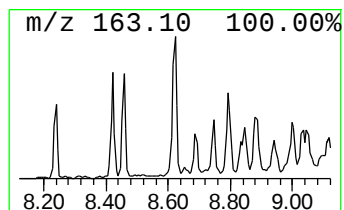
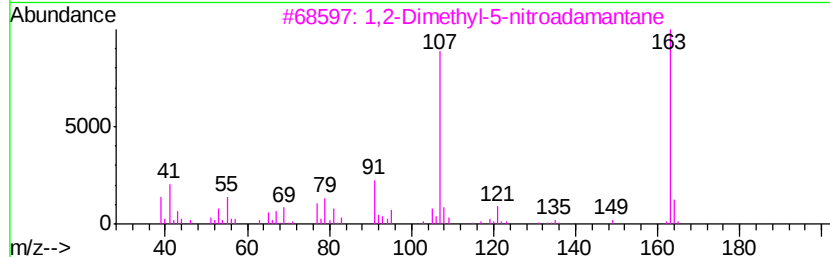
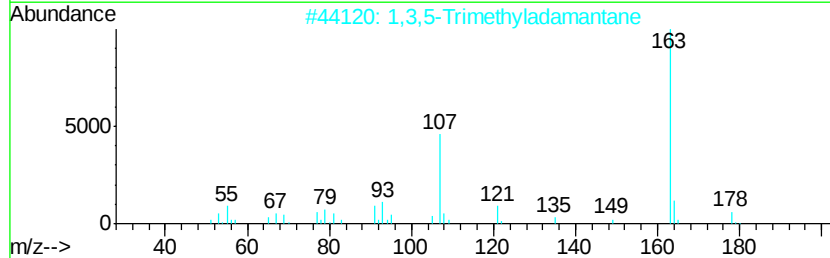
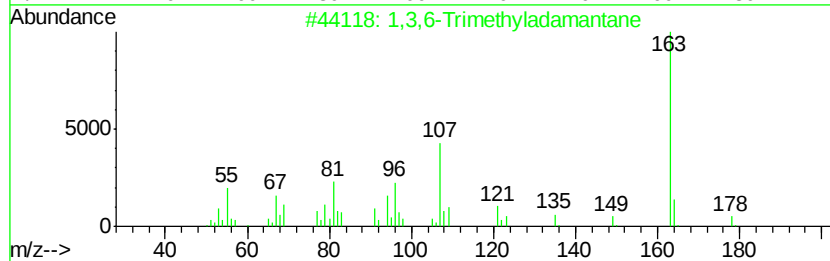
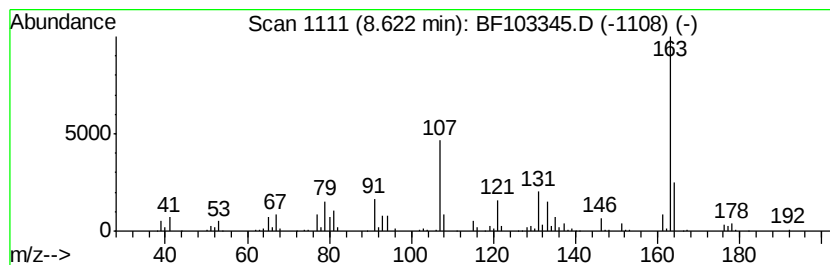
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3,6-Trimethyladamantane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	8.44 ng	345157	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	58
2		1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	52
3		1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	50
4		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	42
5		N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	40



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ClientSampleId :
500KV-OILY-WATER

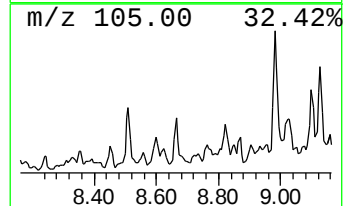
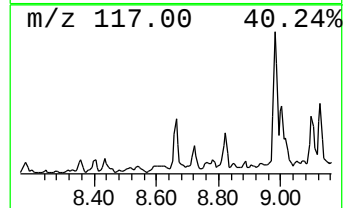
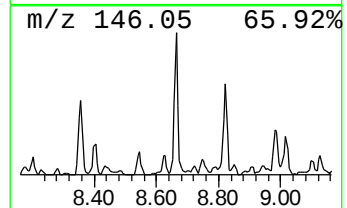
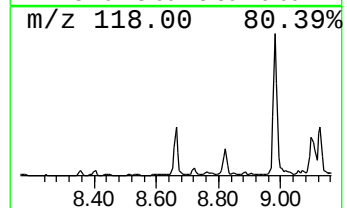
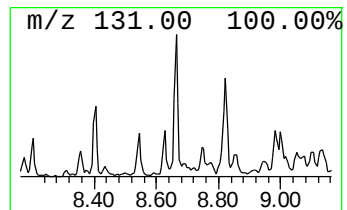
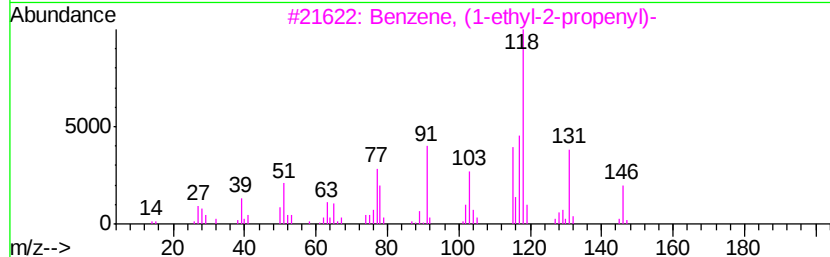
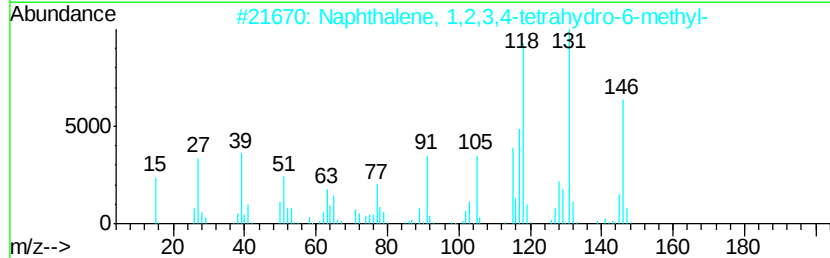
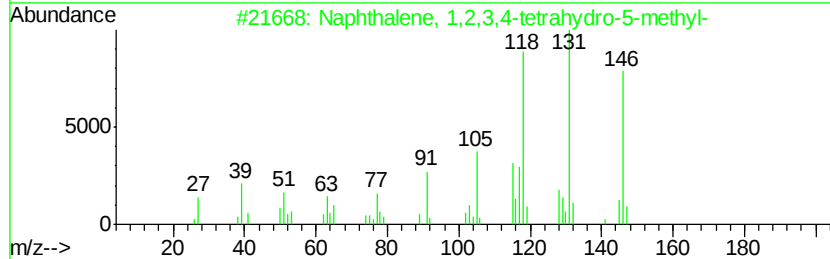
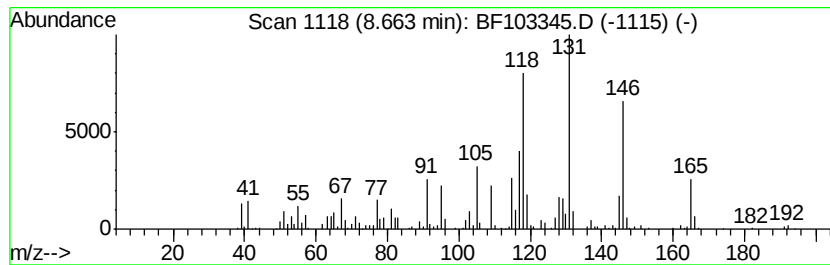
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	6.40 ng	261714	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
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	55
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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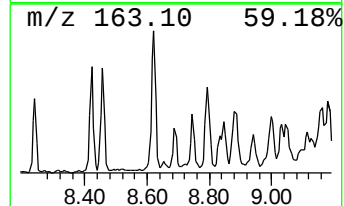
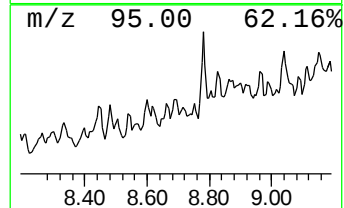
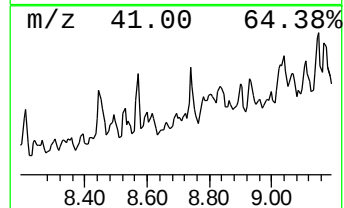
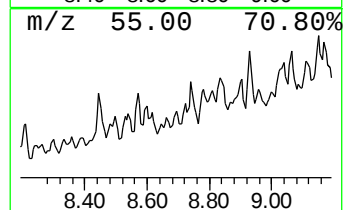
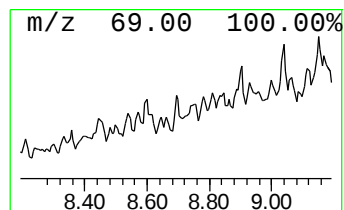
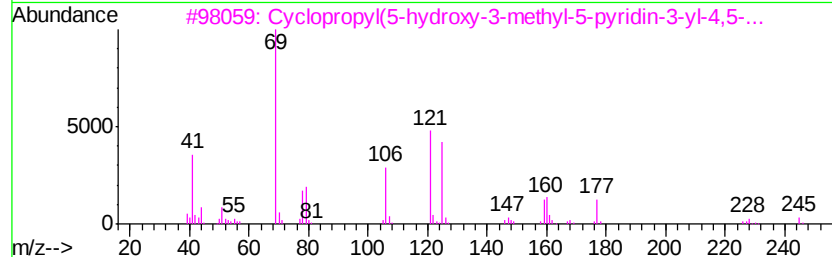
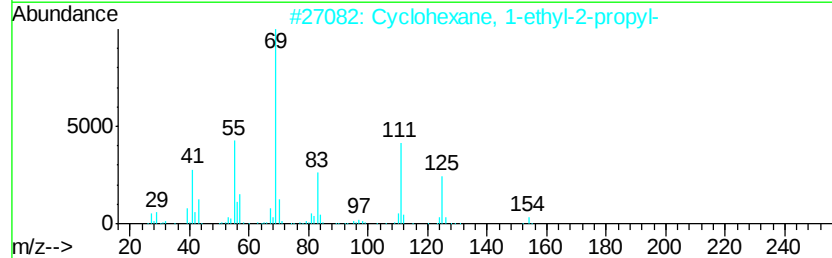
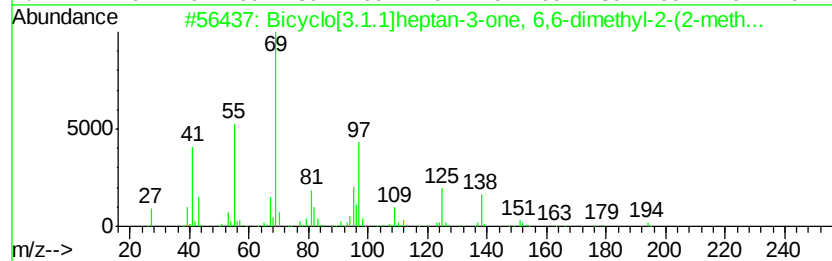
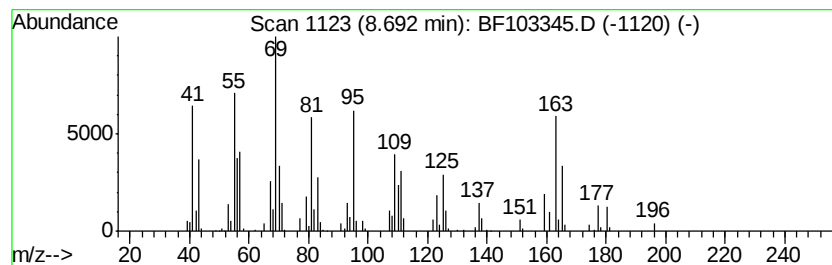
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	6.79 ng	277412	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 6,6-dimethyl-2-(2-methyl-5-hydroxy-3-methyl-5-pyridin-3-yl-4,5-dimethyl-1H-imidazol-2-yl)-	194	C13H22O	1000163-97-9	27
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	22
3		Cyclopropyl(5-hydroxy-3-methyl-5-pyridin-3-yl-4,5-dimethyl-1H-imidazol-2-yl)-	245	C13H15N3O2	1000311-57-6	22
4		Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	22
5		6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	22



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Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
500KV-OILY-WATER

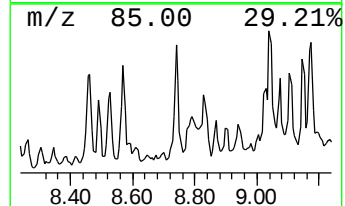
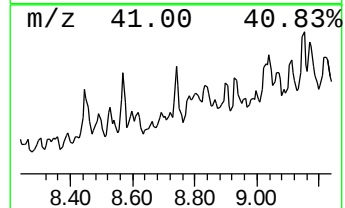
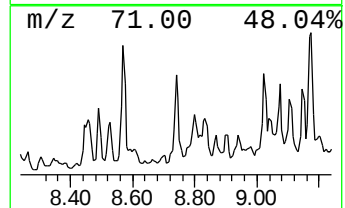
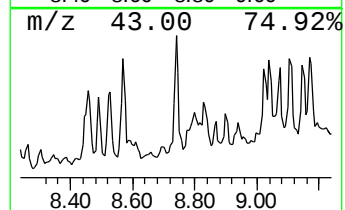
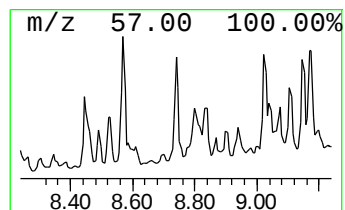
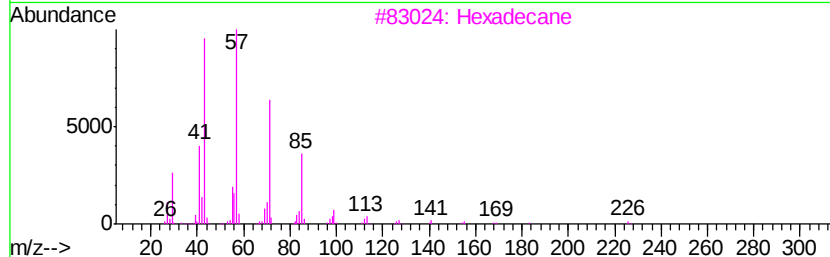
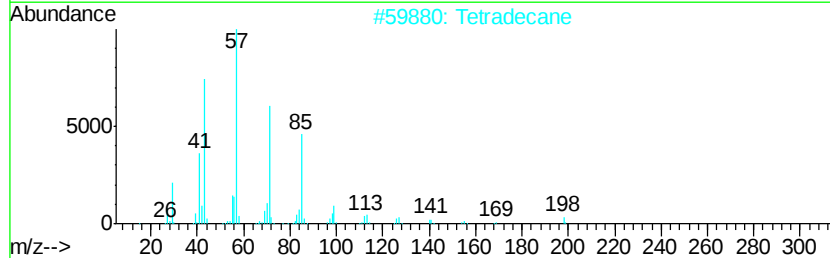
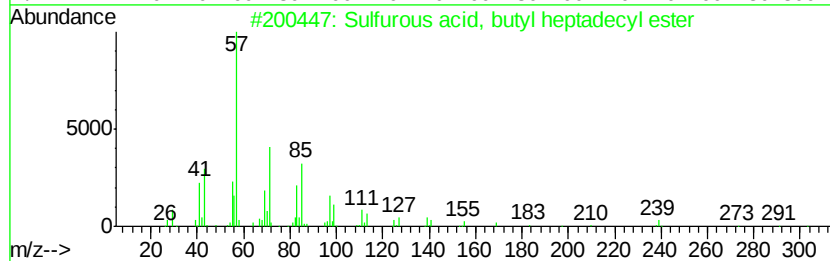
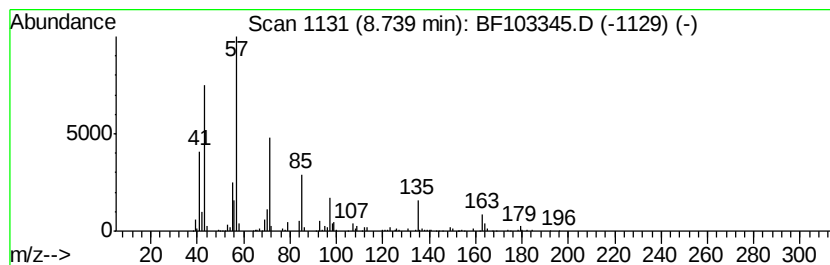
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl hepta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	10.84 ng	442964	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	59
2		Tetradecane	198	C14H30	000629-59-4	58
3		Hexadecane	226	C16H34	000544-76-3	53
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
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Misc :
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ClientSampleId :
500KV-OILY-WATER

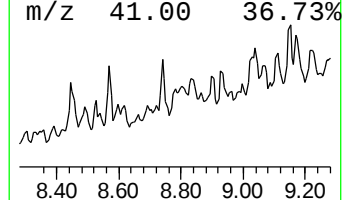
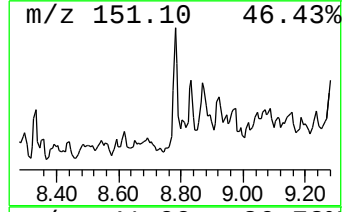
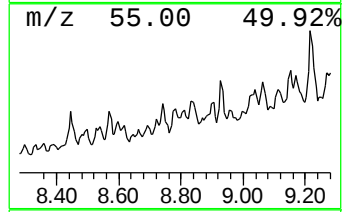
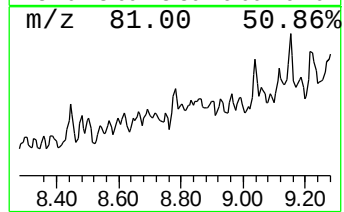
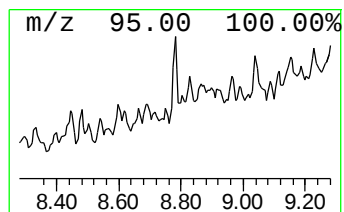
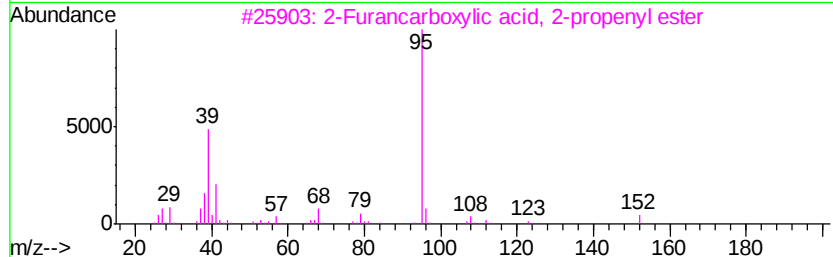
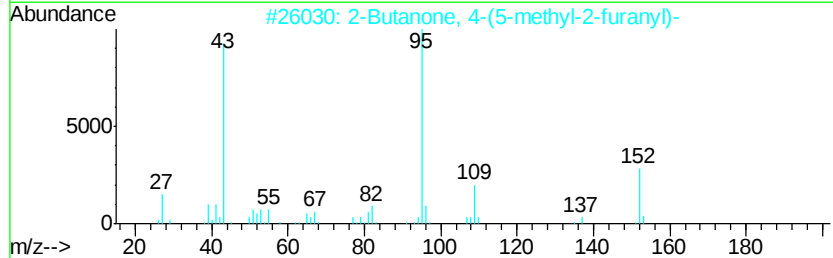
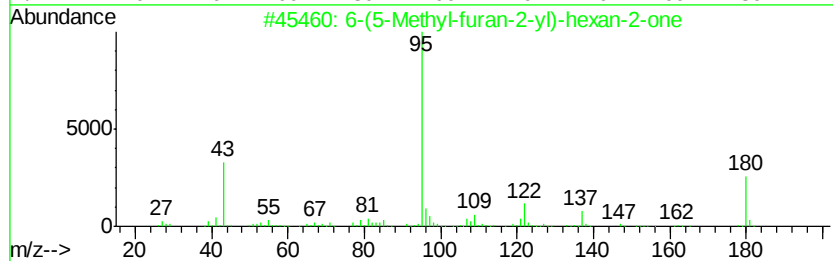
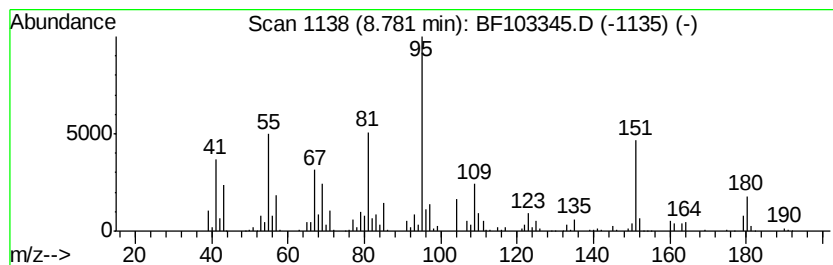
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	12.05 ng	492522	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	38
2		2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	38
3		2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	38
4		.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	38
5		7-Octene-1,2-diol	144	C8H16O2	085866-02-0	35



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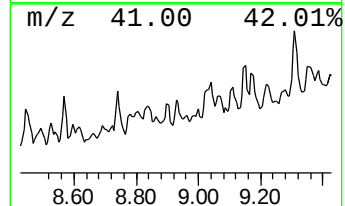
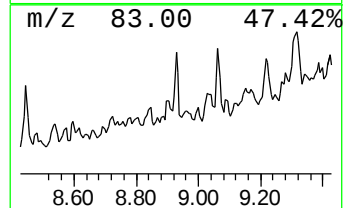
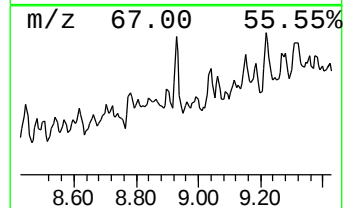
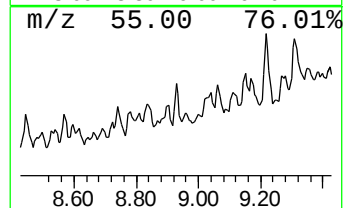
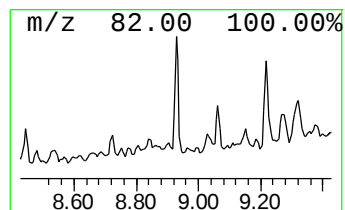
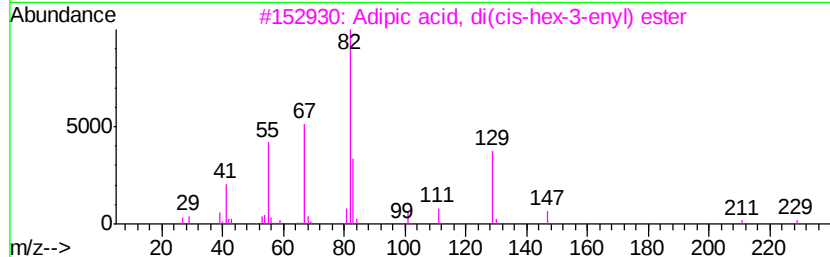
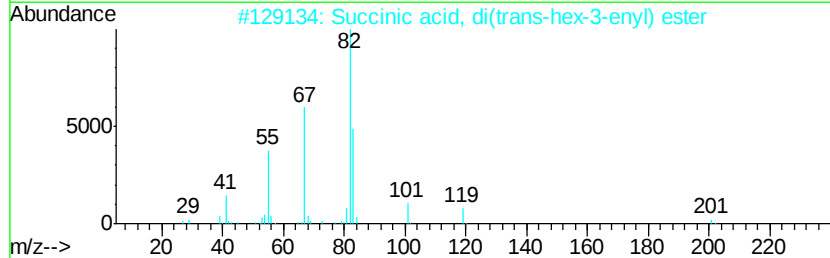
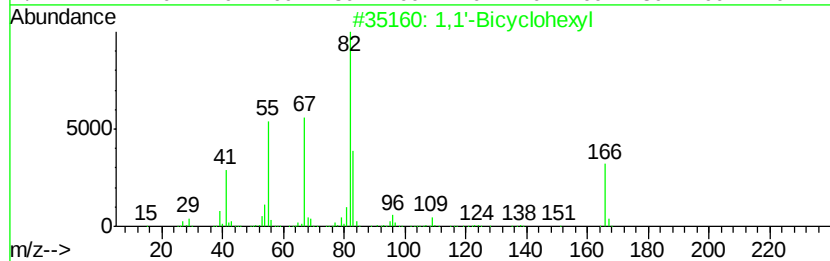
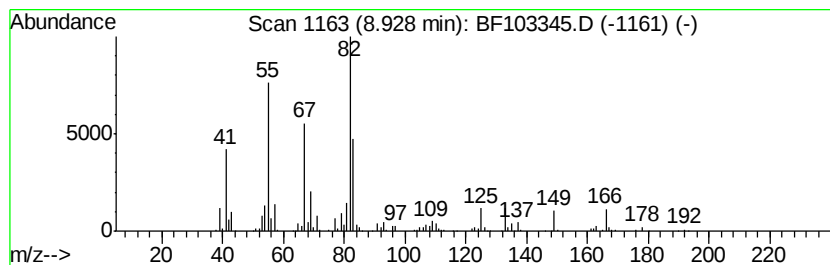
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 1,1'-Bicyclohexyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.93	11.02 ng	450667	Napthalene-d8	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicvclohexyl	166	C12H22	000092-51-3	74
2	Succinic acid, di(trans-hex-3-en...	282	C16H26O4	1000353-43-7	53
3	Adipic acid, di(cis-hex-3-envl) ...	310	C18H30O4	1000353-98-7	53
4	Fumaric acid, cis-hex-3-envl tri...	380	C23H40O4	1000348-86-8	53
5	Fumaric acid, decyl trans-hex-3-...	338	C20H34O4	1000348-89-0	47



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Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

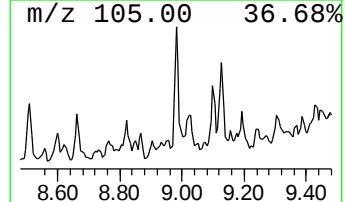
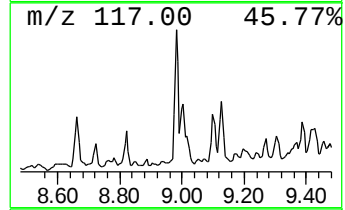
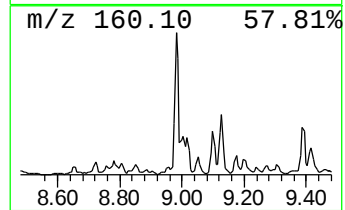
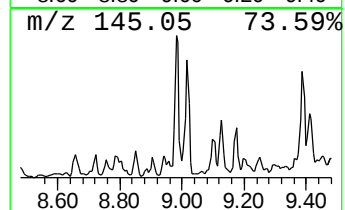
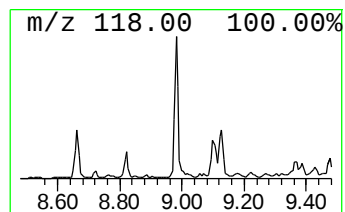
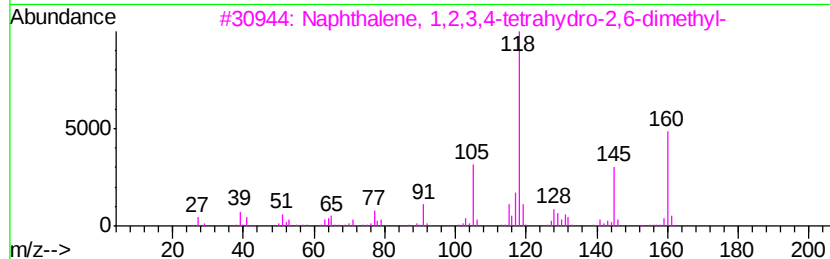
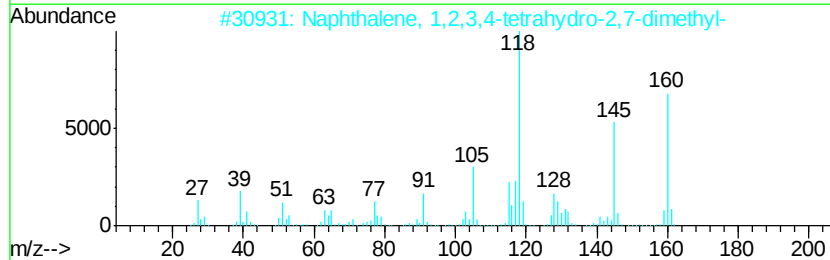
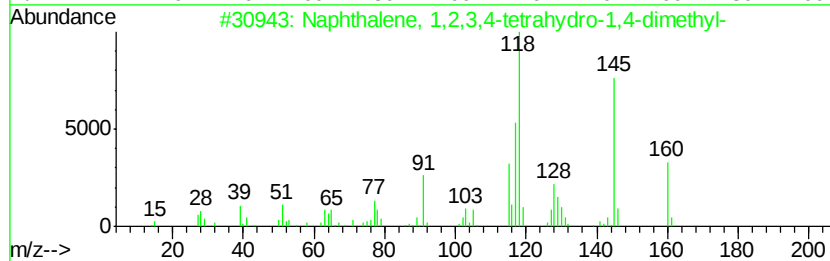
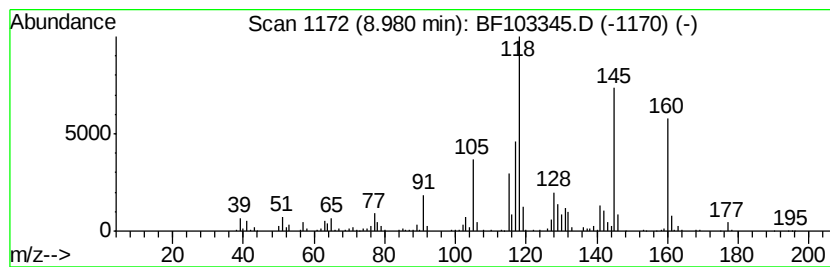
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	11.80 ng	482421	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

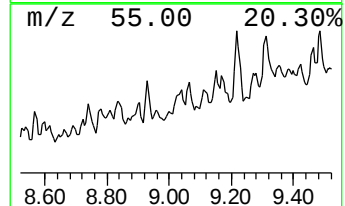
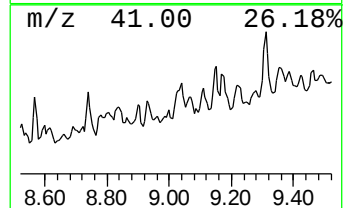
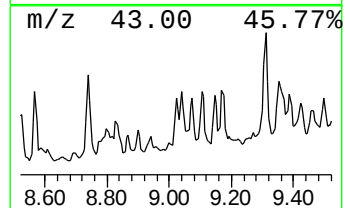
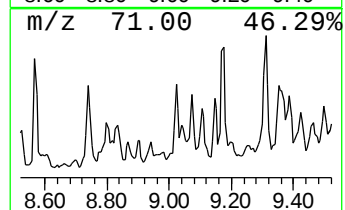
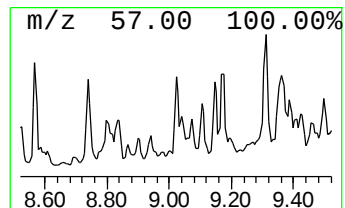
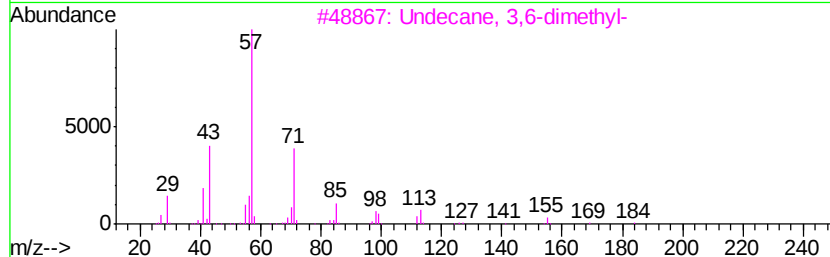
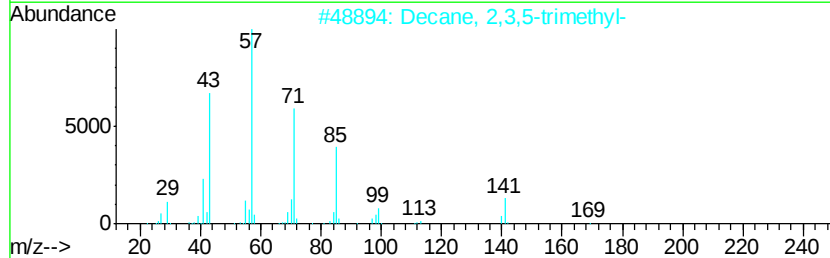
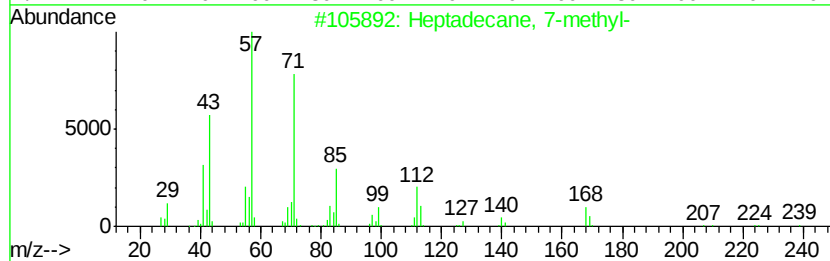
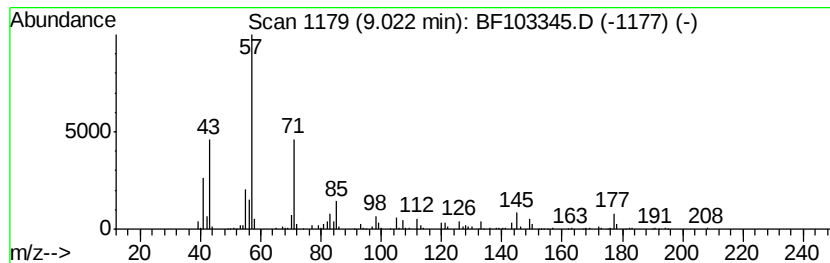
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ClientSampleId :
500KV-OILY-WATER

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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 Heptadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.02	11.42 ng	466773	Napthalene-d8	8.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	50
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103345.D
 Acq On : 1 Mar 2018 19:03
 Operator : SJ/JU
 Sample : J1715-10 5X
 Misc :
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Instrument :
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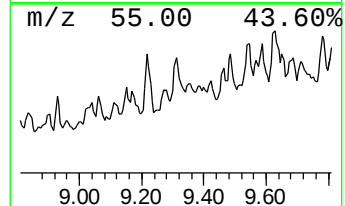
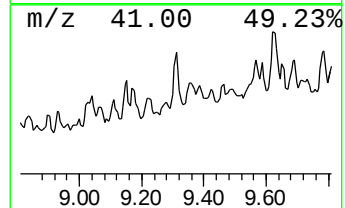
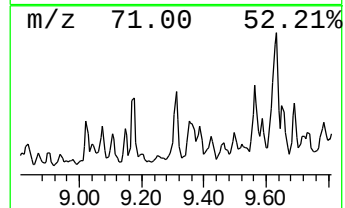
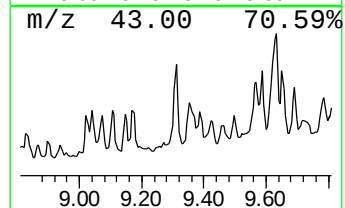
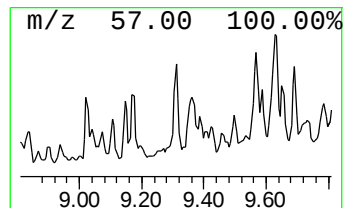
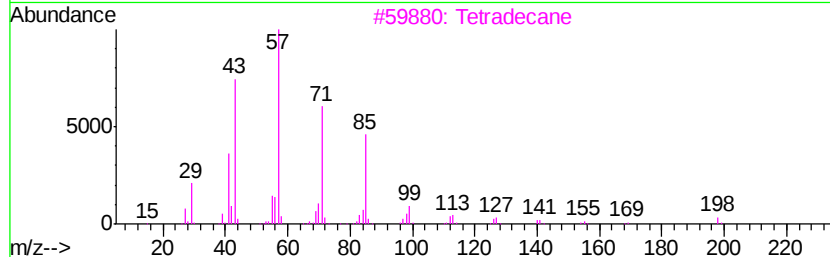
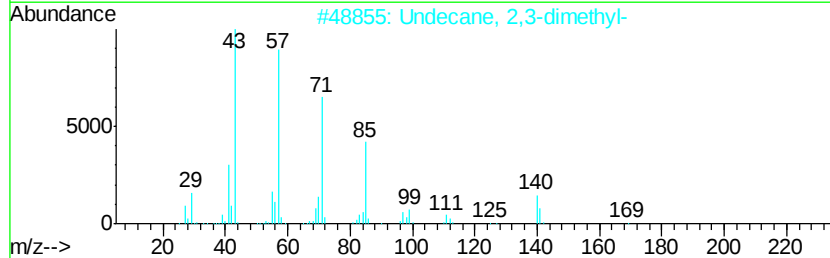
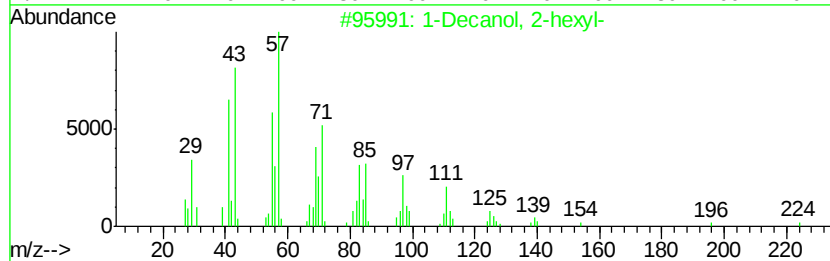
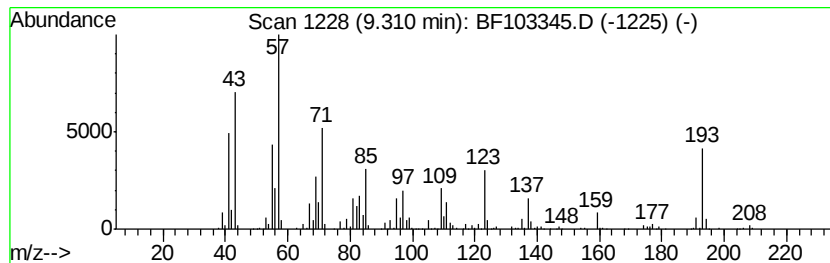
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 unknown9.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	9.76 ng	1111430	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	22
3			Tetradecane	198	C14H30	000629-59-4	14
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	14
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	14



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
500KV-OILY-WATER

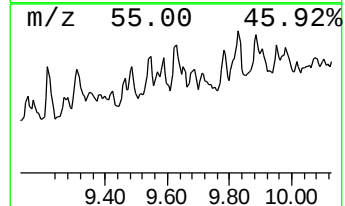
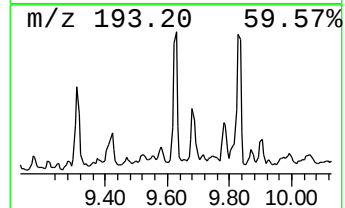
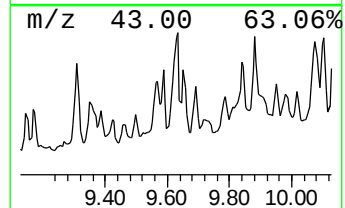
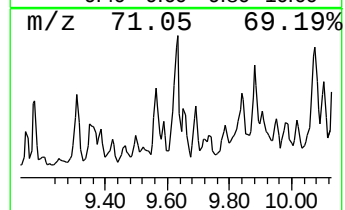
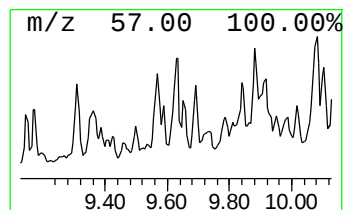
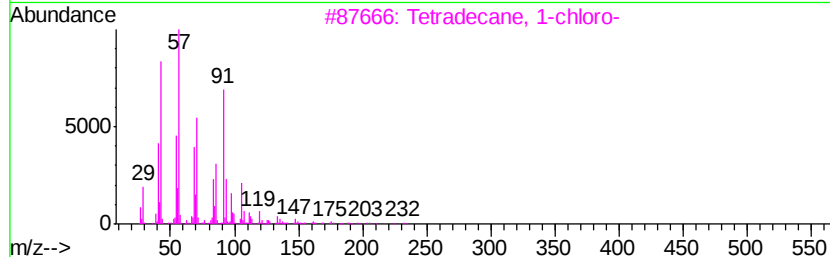
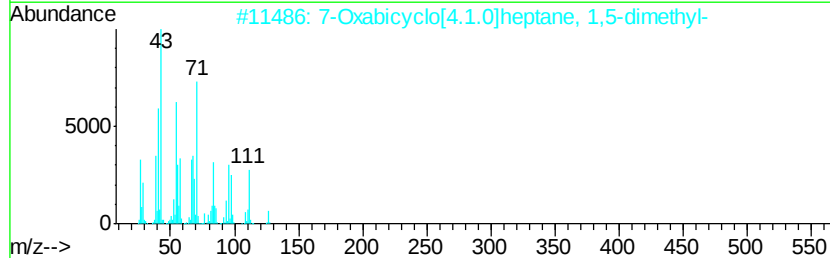
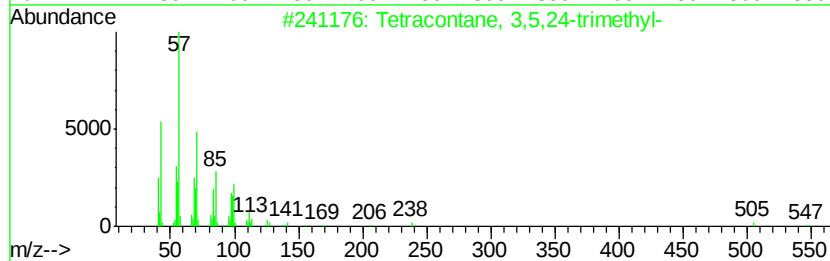
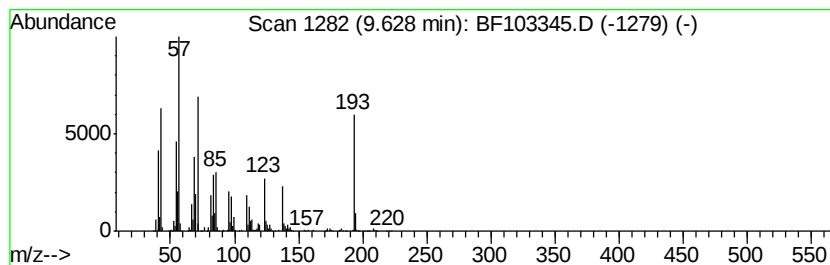
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	13.45 ng	1531880	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	30
2		7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	30
3		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	27
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	27
5		1-Bromodocosane	388	C22H45Br	006938-66-5	22



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

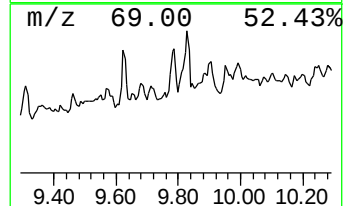
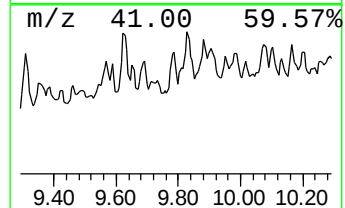
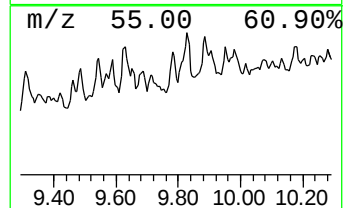
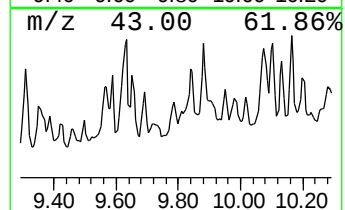
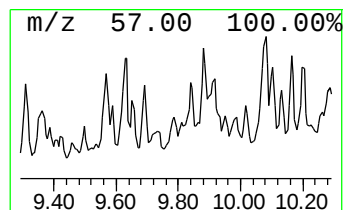
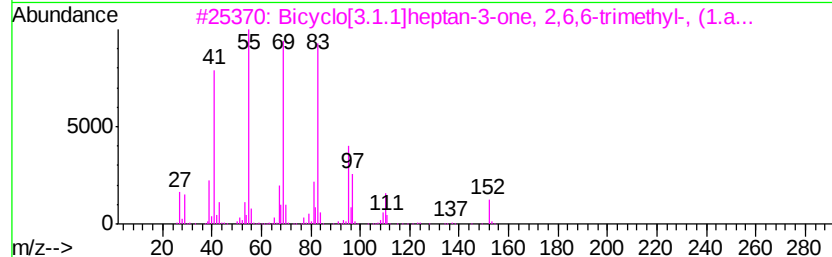
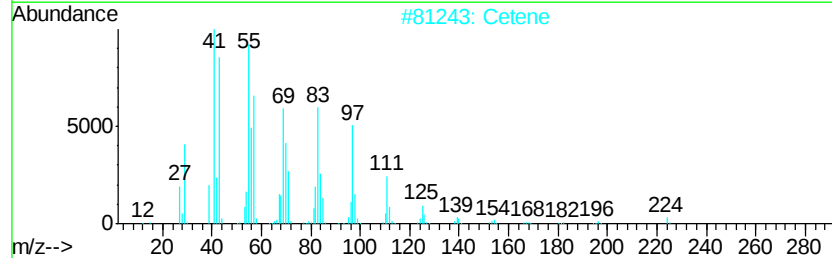
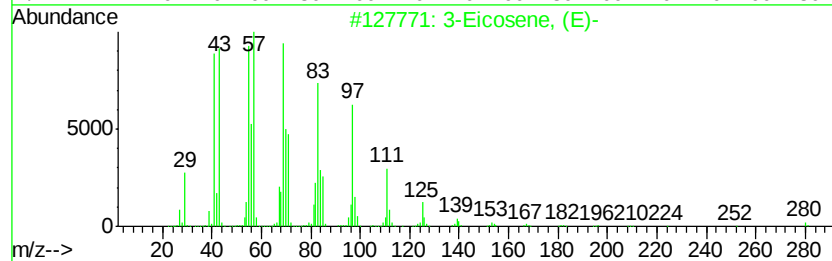
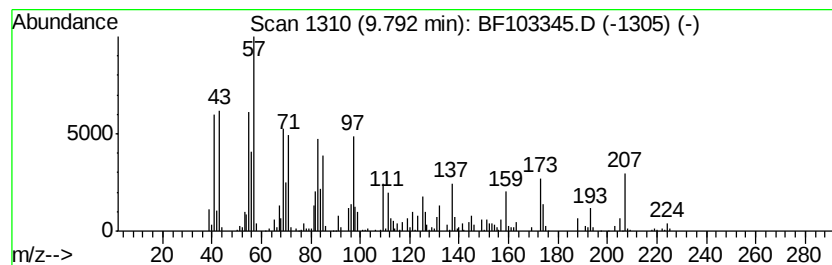
Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

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 15 unknown9.79 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	8.90 ng	1013820	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280 C20H40	074685-33-9	46
2	Cetene	224 C16H32	000629-73-2	44
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	000547-60-4	42
4	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	41
5	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	41



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

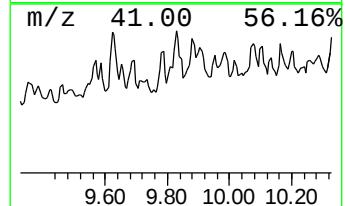
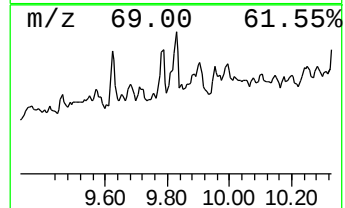
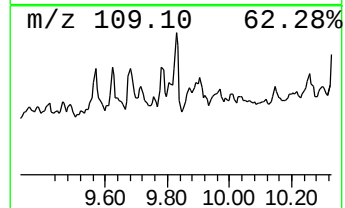
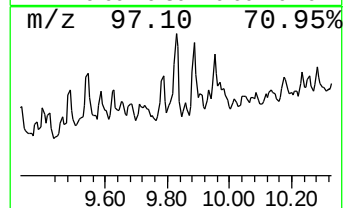
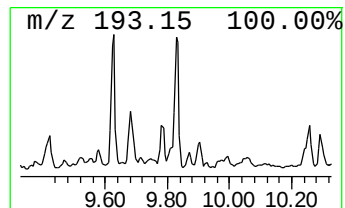
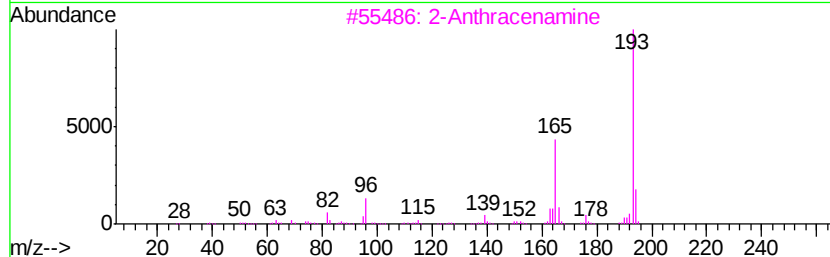
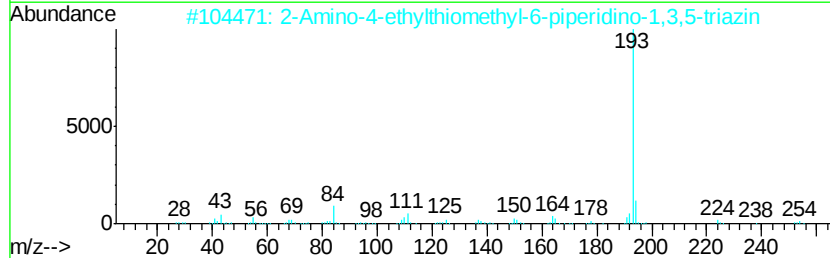
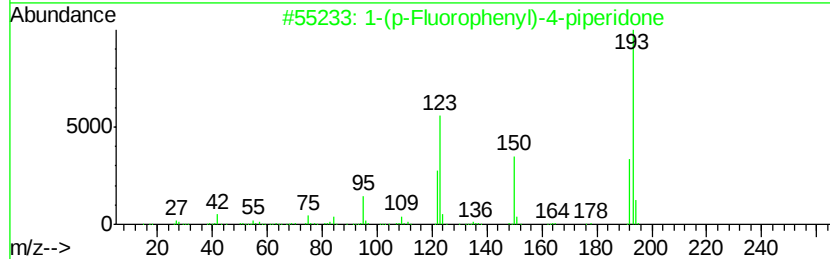
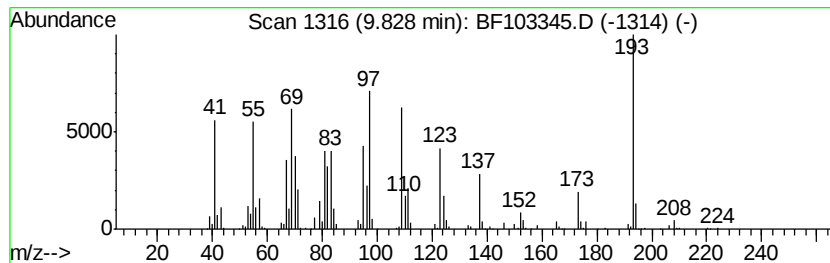
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.83	12.64 ng	1440610	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
2	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	22
3	2-Anthracenamine	193	C14H11N	000613-13-8	22
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	20
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	18



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
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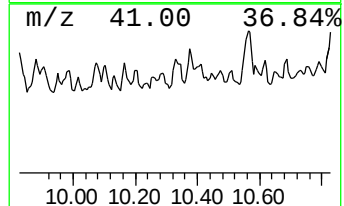
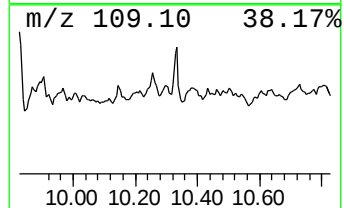
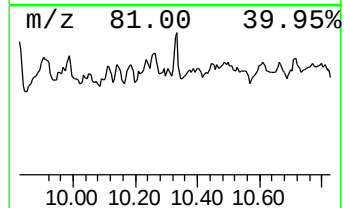
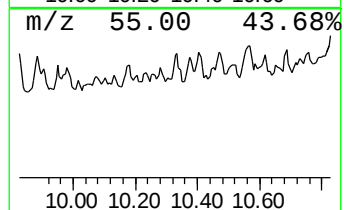
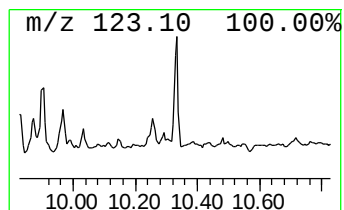
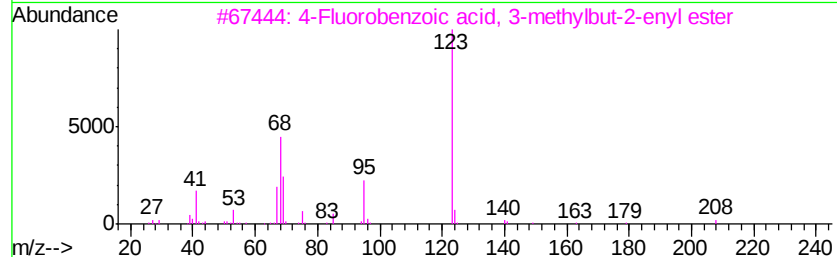
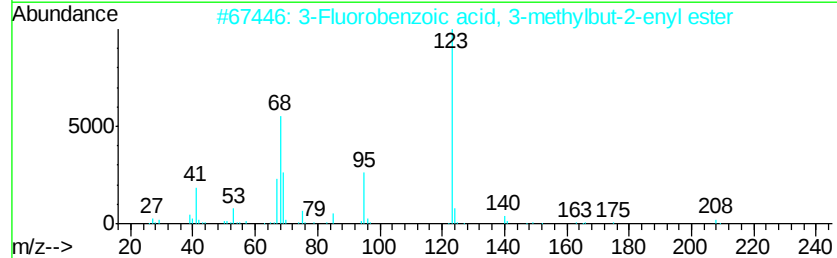
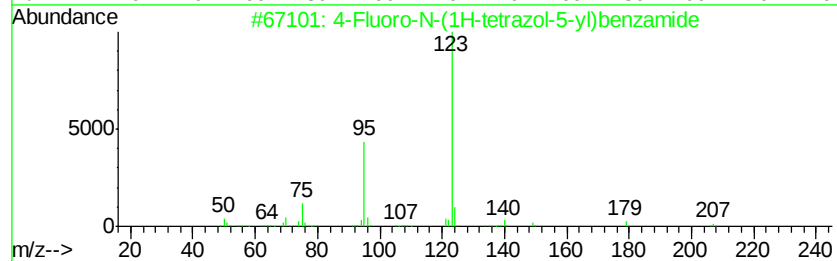
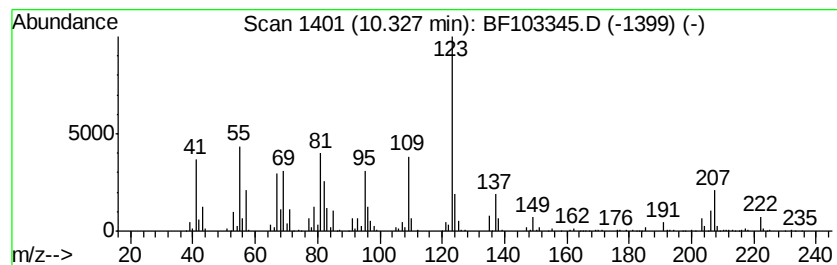
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BNA_F
ClientSampleId :
500KV-OILY-WATER

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 17 unknown10.33 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.33	6.88 ng	783830	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	43
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	43
3	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	1000299-15-1	43
4	3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25F02	1000279-01-9	43
5	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31F02	1000280-60-2	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

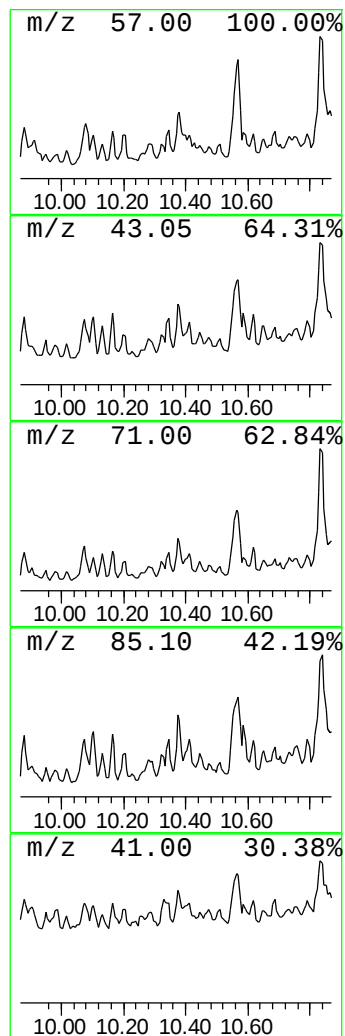
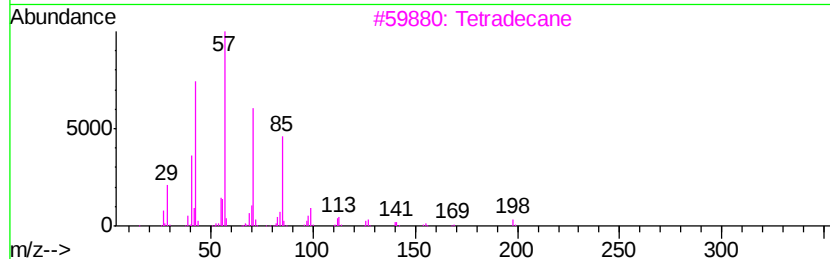
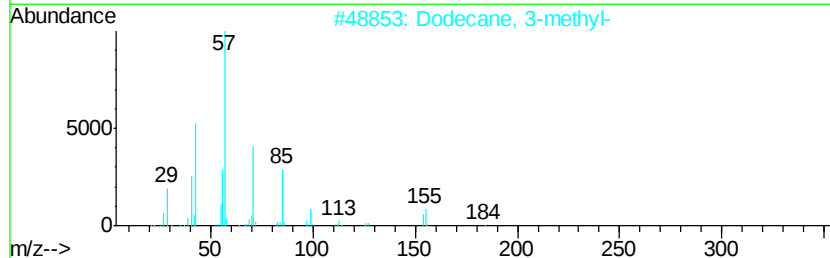
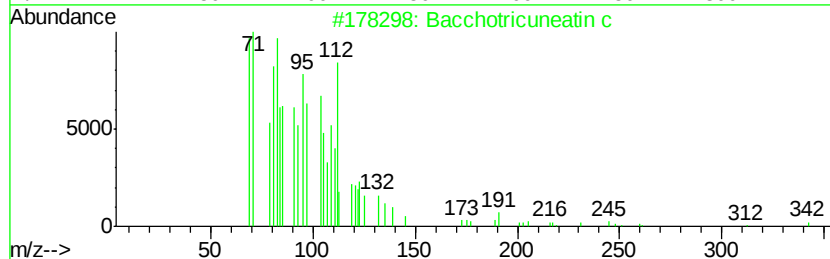
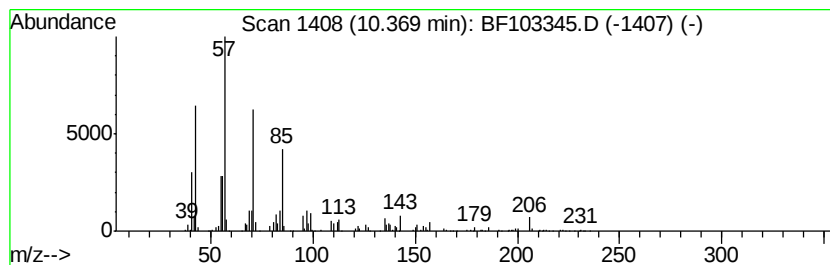
Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

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 18 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.37	7.06 ng	804517	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Nonane	128	C9H20	000111-84-2	62
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

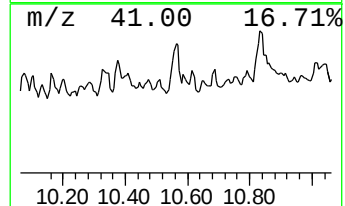
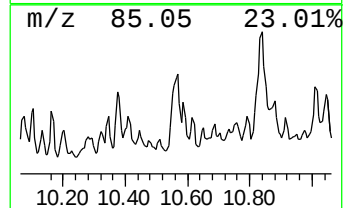
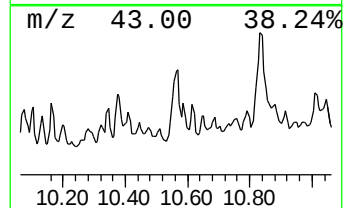
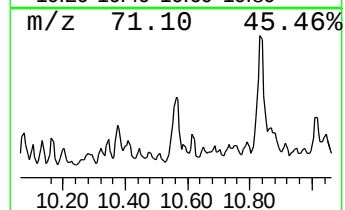
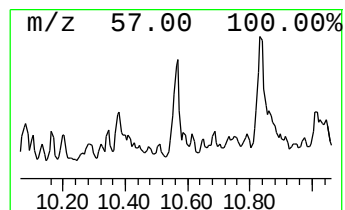
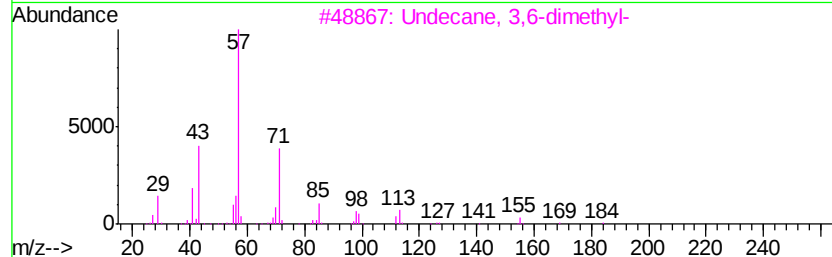
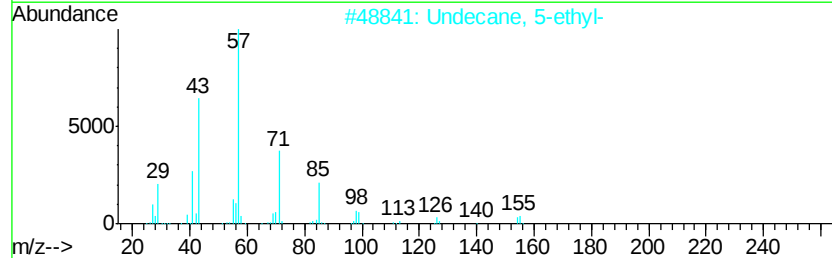
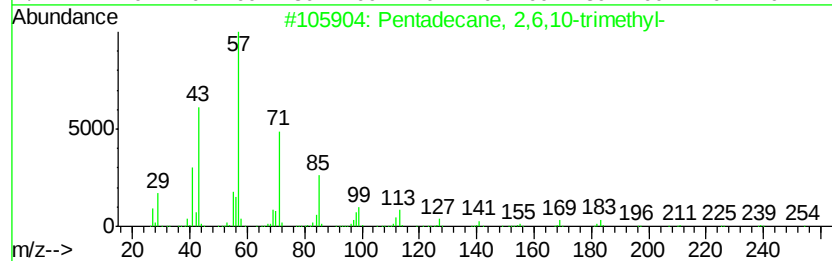
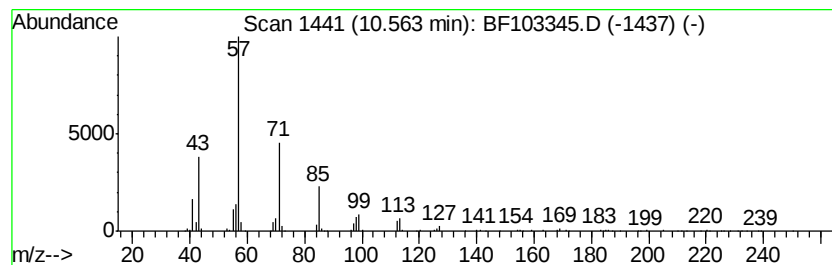
Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

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 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	15.80 ng	1800070	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103345.D
Acq On : 1 Mar 2018 19:03
Operator : SJ/JU
Sample : J1715-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
500KV-OILY-WATER

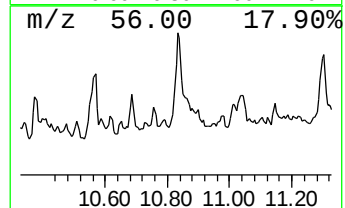
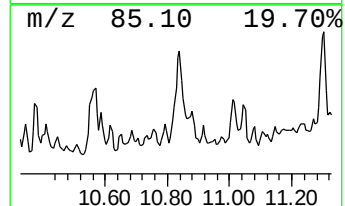
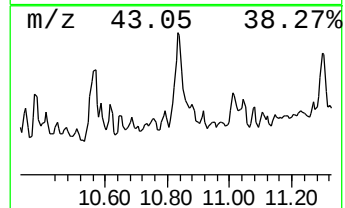
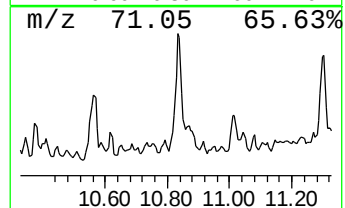
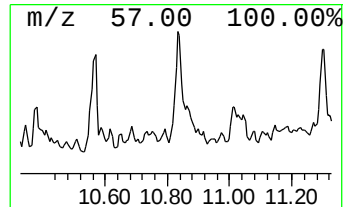
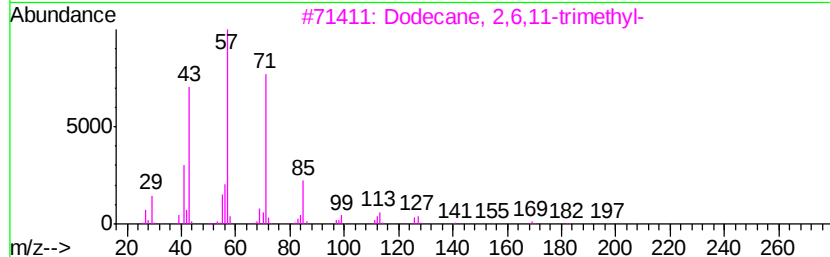
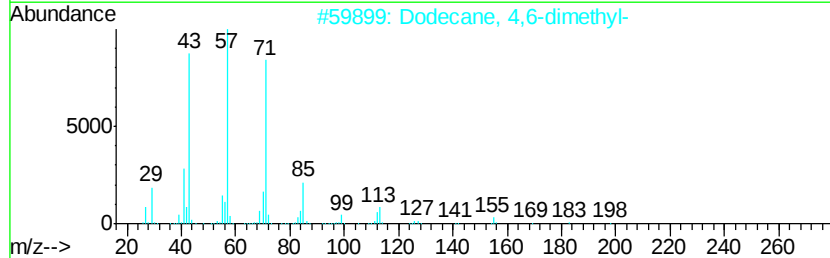
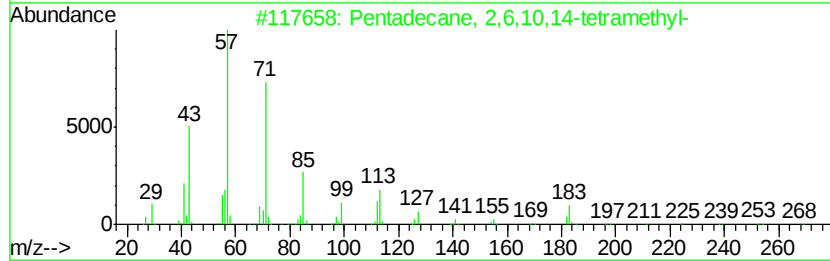
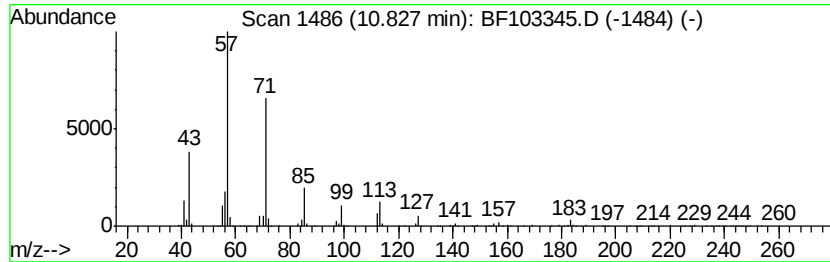
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	20.00 ng	1823710	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030118\
 Data File : BF103345.D
 Acq On : 1 Mar 2018 19:03
 Operator : SJ/JU
 Sample : J1715-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 500KV-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
Tricyclo[4.3.1.1(...	8.39	8.5 ng		347300	2	8.16	817555	20.0
unknown8.45	8.45	15.7 ng		640361	2	8.16	817555	20.0
Hexane, 3,3-dimet...	8.49	9.4 ng		383586	2	8.16	817555	20.0
Dodecane, 2,7,10-...	8.57	11.1 ng		453185	2	8.16	817555	20.0
1,3,6-Trimethylad...	8.62	8.4 ng		345157	2	8.16	817555	20.0
Naphthalene, 1,2,...	8.66	6.4 ng		261714	2	8.16	817555	20.0
unknown8.69	8.69	6.8 ng		277412	2	8.16	817555	20.0
Sulfurous acid, b...	8.74	10.8 ng		442964	2	8.16	817555	20.0
unknown8.78	8.78	12.1 ng		492522	2	8.16	817555	20.0
1,1'-Bicyclohexyl	8.93	11.0 ng		450667	2	8.16	817555	20.0
Naphthalene, 1,2,...	8.98	11.8 ng		482421	2	8.16	817555	20.0
Heptadecane, 7-me...	9.02	11.4 ng		466773	2	8.16	817555	20.0
unknown9.31	9.31	9.8 ng		1111430	3	9.93	2278590	20.0
unknown9.63	9.63	13.4 ng		1531880	3	9.93	2278590	20.0
unknown9.79	9.79	8.9 ng		1013820	3	9.93	2278590	20.0
unknown9.83	9.83	12.6 ng		1440610	3	9.93	2278590	20.0
unknown10.33	10.33	6.9 ng		783830	3	9.93	2278590	20.0
Bacchotricuneatin c	10.37	7.1 ng		804517	3	9.93	2278590	20.0
Pentadecane, 2,6,...	10.56	15.8 ng		1800070	3	9.93	2278590	20.0
Pentadecane, 2,6,...	10.83	20.0 ng		1823710	4	11.42	1823710	20.0