

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103495.D
 Acq On : 7 Mar 2018 12:42
 Operator : SJ/JU
 Sample : J1779-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5

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	5.104	510	513	524	rBV	68258	107210	1.96%	0.196%
2	5.451	569	572	575	rBV	58957	72262	1.32%	0.132%
3	5.493	575	579	606	rVV	2722982	3743989	68.44%	6.841%
4	5.710	613	616	623	rVB	73938	82192	1.50%	0.150%
5	6.504	747	751	764	rBV	2819802	3822227	69.87%	6.984%
6	6.640	770	774	779	rBV	3250575	3504528	64.06%	6.404%
7	6.681	779	781	788	rVB	182960	216934	3.97%	0.396%
8	6.863	809	812	819	rBV	840229	885012	16.18%	1.617%
9	6.916	819	821	825	rVB	70179	63179	1.15%	0.115%
10	7.022	835	839	851	rVB	2534921	2700923	49.37%	4.935%
11	7.187	863	867	871	rVB2	49437	61684	1.13%	0.113%
12	7.251	872	878	881	rBV3	103886	127528	2.33%	0.233%
13	7.392	896	902	905	rBV3	69969	94880	1.73%	0.173%
14	7.434	905	909	916	rBV	2217885	2573347	47.04%	4.702%
15	7.498	918	920	923	rVB3	126744	127686	2.33%	0.233%
16	7.545	923	928	931	rBV5	49961	72484	1.33%	0.132%
17	7.634	940	943	945	rBV2	103859	108091	1.98%	0.198%
18	7.663	945	948	953	rVB3	208110	214533	3.92%	0.392%
19	7.734	956	960	962	rBV	112097	122239	2.23%	0.223%
20	7.781	965	968	971	rBV3	149784	186513	3.41%	0.341%
21	7.822	971	975	977	rVB3	93093	108868	1.99%	0.199%
22	7.845	977	979	982	rVB3	91851	79485	1.45%	0.145%
23	7.881	982	985	987	rBV	216185	189506	3.46%	0.346%
24	7.928	990	993	995	rVV	138201	97548	1.78%	0.178%
25	7.981	1000	1002	1004	rBV2	159578	118869	2.17%	0.217%
26	8.010	1004	1007	1009	rVB2	88058	68004	1.24%	0.124%
27	8.045	1009	1013	1017	rBV	830717	888299	16.24%	1.623%
28	8.087	1017	1020	1022	rBV2	118110	95511	1.75%	0.175%
29	8.116	1022	1025	1028	rBV2	409214	386978	7.07%	0.707%
30	8.151	1028	1031	1032	rBV	1179103	1103899	20.18%	2.017%
31	8.169	1032	1034	1041	rVB	2572639	2990547	54.67%	5.464%
32	8.228	1041	1044	1049	rVB3	231985	298628	5.46%	0.546%
33	8.287	1051	1054	1056	rBV4	82279	111324	2.04%	0.203%
34	8.316	1056	1059	1061	rBV3	87982	75186	1.37%	0.137%

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35	8.339	1061	1063	1066	rVB2	220101	174610	3.19%	0.319%
36	8.375	1066	1069	1072	rBV4	172102	287843	5.26%	0.526%
37	8.404	1072	1074	1075	rBV	242660	166674	3.05%	0.305%
38	8.434	1075	1079	1083	rVB5	496403	702237	12.84%	1.283%
39	8.481	1083	1087	1090	rBV5	210687	280642	5.13%	0.513%
40	8.528	1090	1095	1097	rBV2	953274	970253	17.74%	1.773%
41	8.557	1097	1100	1102	rVB	444622	351247	6.42%	0.642%
42	8.581	1102	1104	1106	rBV3	255743	247394	4.52%	0.452%
43	8.610	1106	1109	1112	rVB2	651873	639088	11.68%	1.168%
44	8.651	1112	1116	1118	rBV	583798	612757	11.20%	1.120%
45	8.704	1122	1125	1127	rBV	988547	842847	15.41%	1.540%
46	8.728	1127	1129	1133	rVB2	714169	691938	12.65%	1.264%
47	8.763	1133	1135	1137	rBV3	286823	326012	5.96%	0.596%
48	8.875	1148	1154	1159	rBV	4255102	5470288	100.00%	9.996%
49	8.916	1159	1161	1165	rBV3	280473	316072	5.78%	0.578%
50	8.969	1165	1170	1175	rBV	3523419	4066542	74.34%	7.431%
51	9.010	1175	1177	1179	rBV2	426792	465198	8.50%	0.850%
52	9.092	1187	1191	1193	rBV4	755658	885754	16.19%	1.618%
53	9.134	1196	1198	1200	rVV	701287	608176	11.12%	1.111%
54	9.157	1200	1202	1207	rVV3	491581	510358	9.33%	0.933%
55	9.228	1207	1214	1217	rVV	2681734	3185397	58.23%	5.821%
56	9.298	1222	1226	1229	rBV2	1177447	1527435	27.92%	2.791%
57	9.334	1229	1232	1234	rBV3	489941	642223	11.74%	1.174%
58	9.498	1257	1260	1263	rVB	574569	662925	12.12%	1.211%
59	9.569	1269	1272	1275	rBV	1158904	1376911	25.17%	2.516%
60	9.769	1304	1306	1308	rBV2	689859	717041	13.11%	1.310%
61	14.668	2136	2139	2157	rVB	942830	1786154	32.65%	3.264%
62	15.574	2289	2293	2302	rVB	484728	712780	13.03%	1.302%

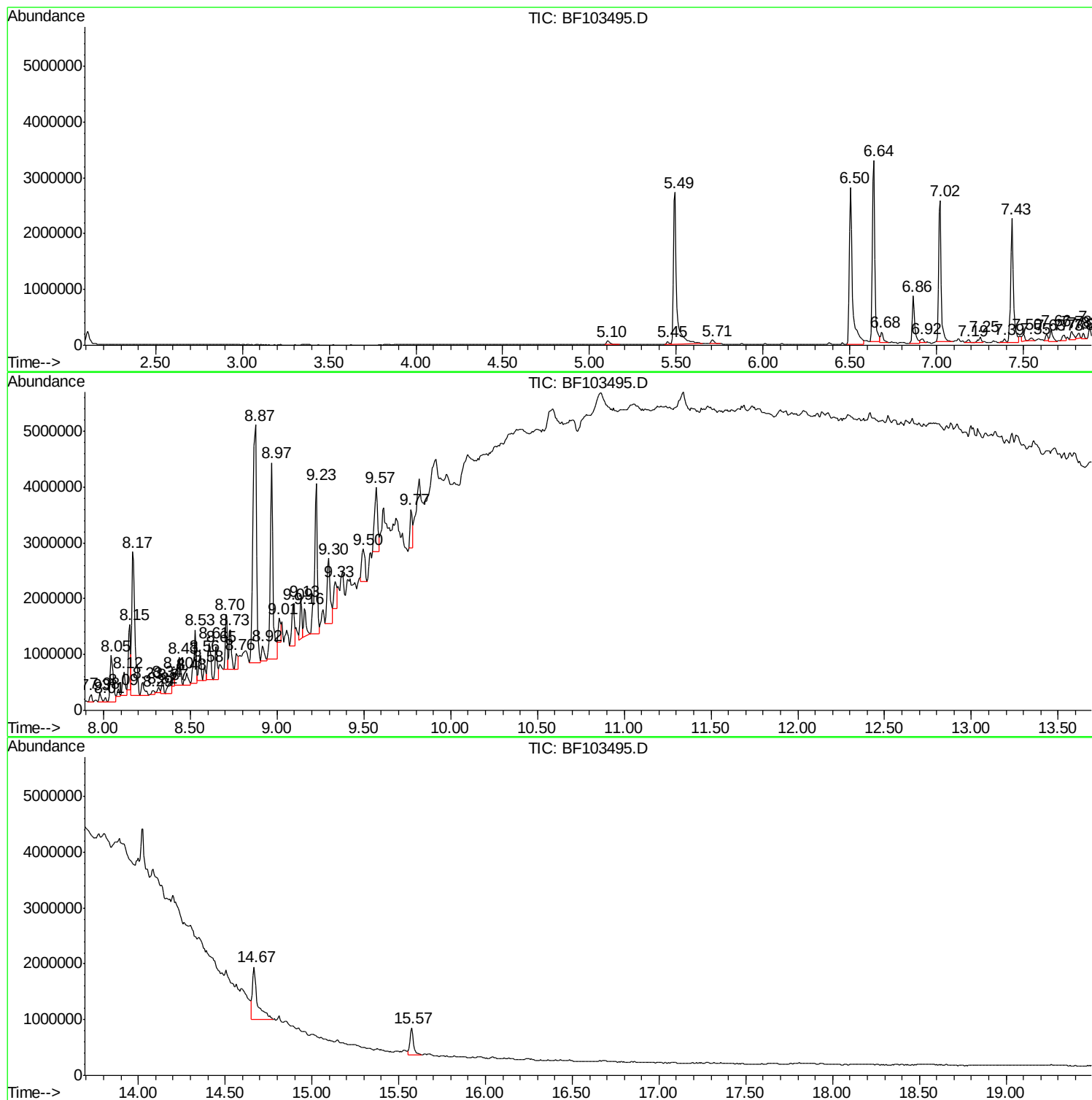
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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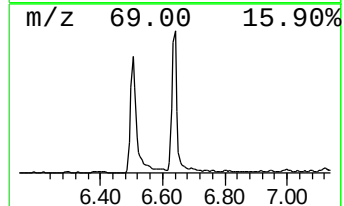
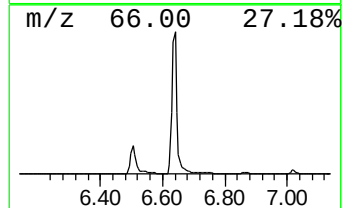
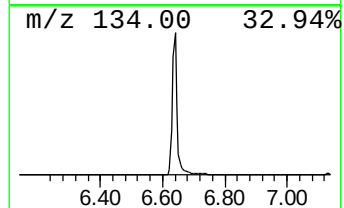
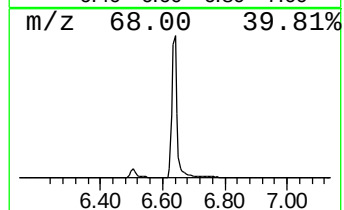
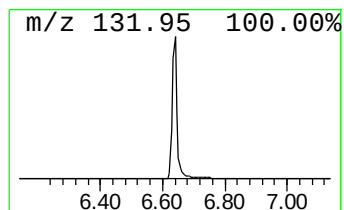
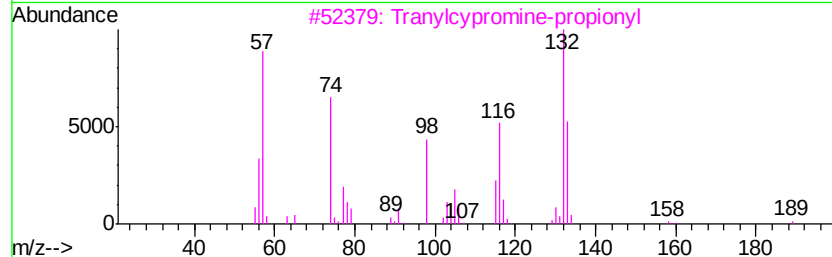
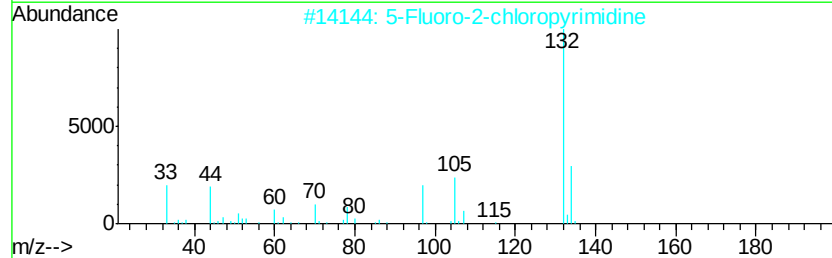
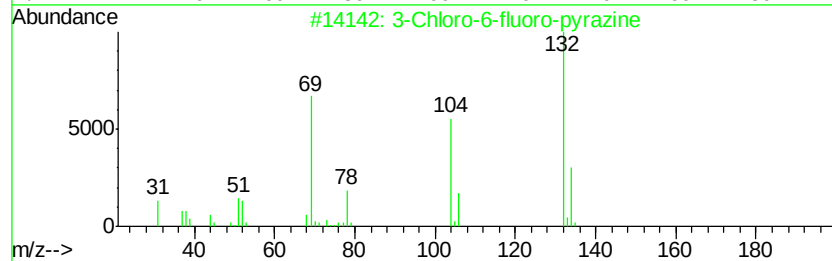
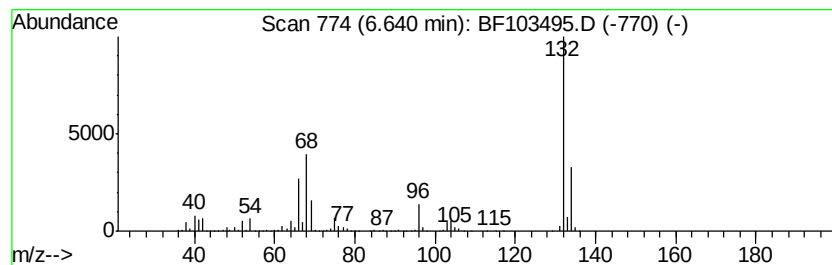
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	79.20 ng	3504530	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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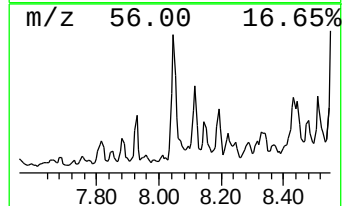
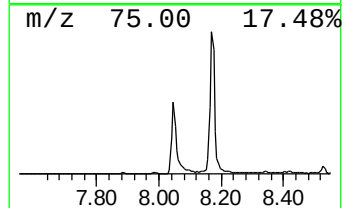
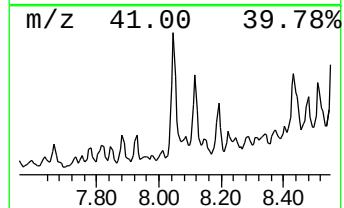
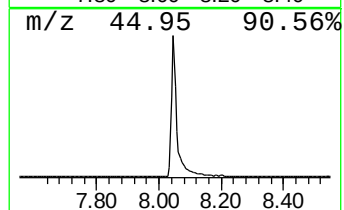
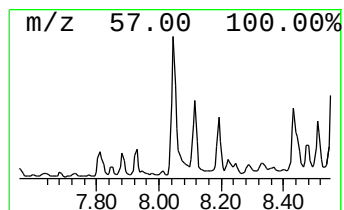
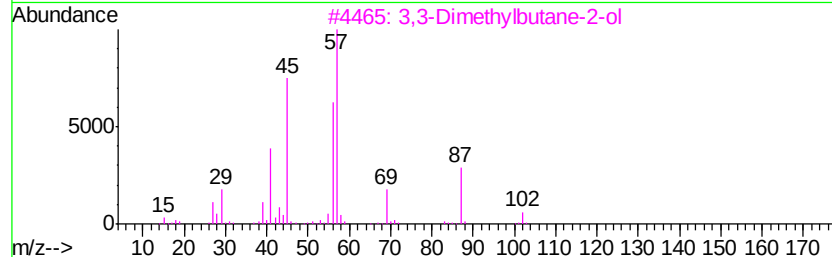
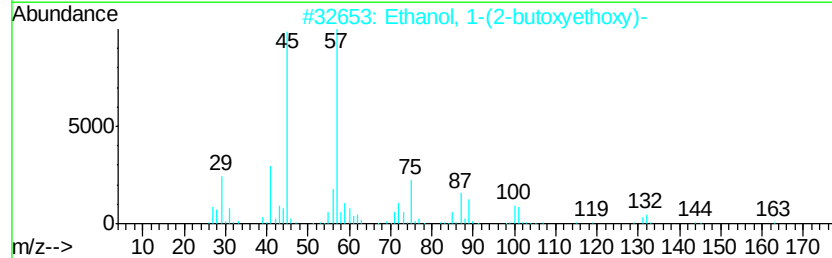
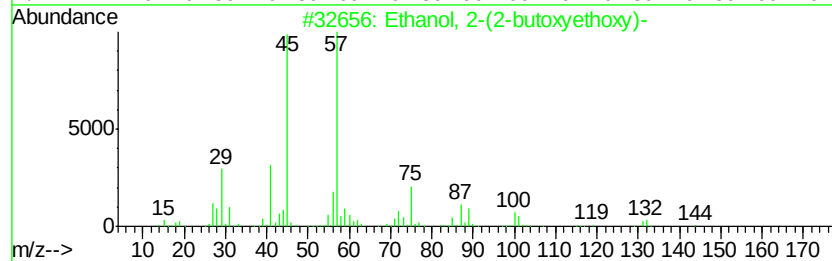
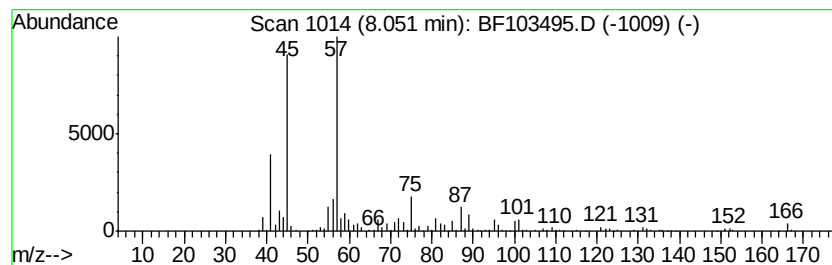
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	16.09 ng	888299	Napthalene-d8	8.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-(2-butoxyethoxy)-	162 C8H18O3	000112-34-5 86
2		Ethanol, 1-(2-butoxyethoxy)-	162 C8H18O3	054446-78-5 72
3		3,3-Dimethylbutane-2-ol	102 C6H14O	000464-07-3 59
4		2-Heptanol, 3-methyl-	130 C8H18O	031367-46-1 53
5		Diisopropyl ether	102 C6H14O	000108-20-3 50



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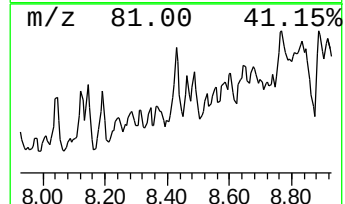
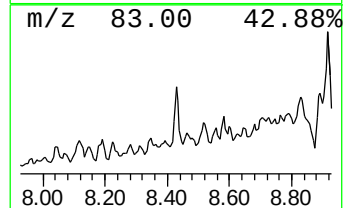
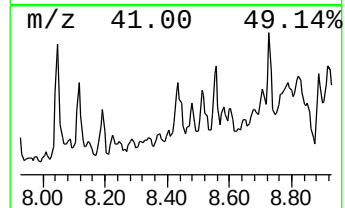
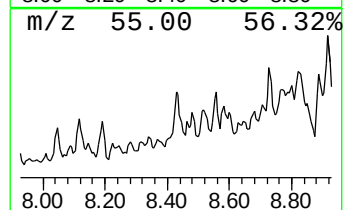
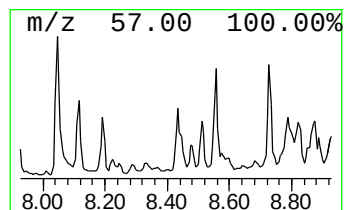
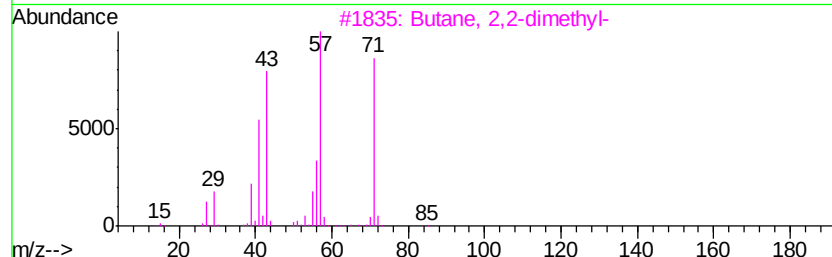
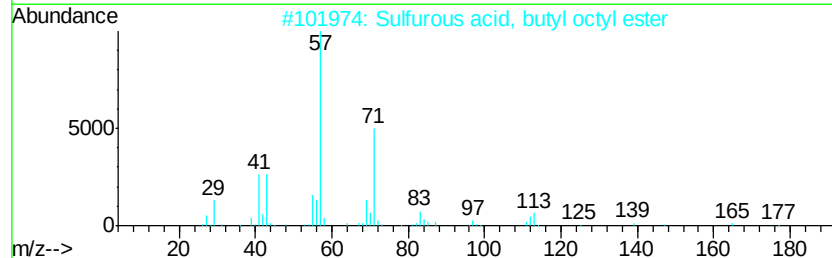
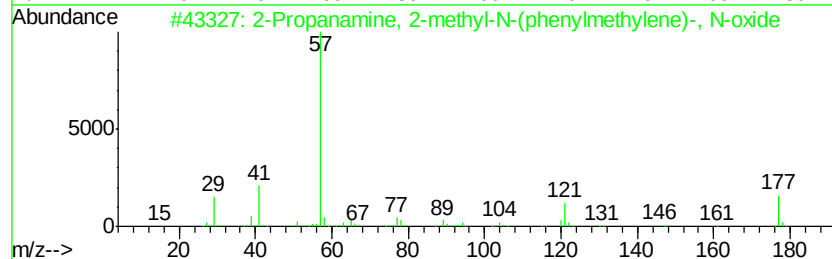
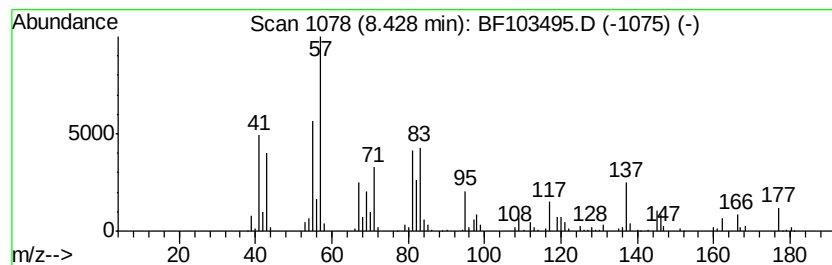
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	12.72 ng	702237	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanamine, 2-methyl-N-(phenyl...	177	C11H15NO	003376-24-7	27
2		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	22
3		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	14
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	14
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	14



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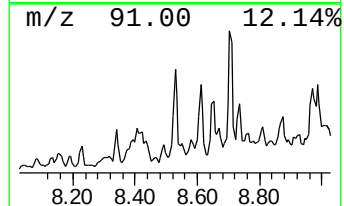
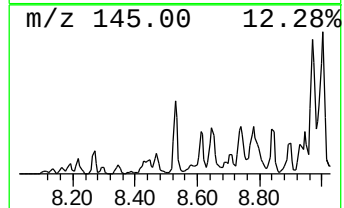
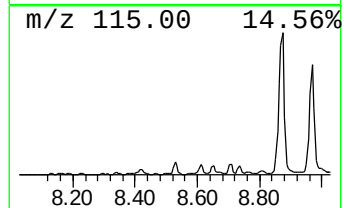
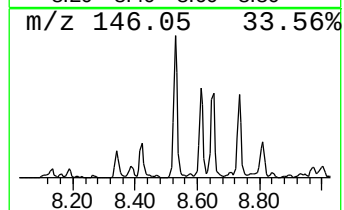
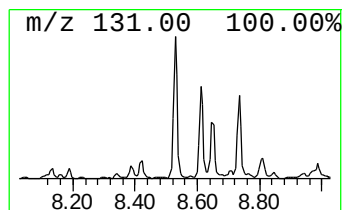
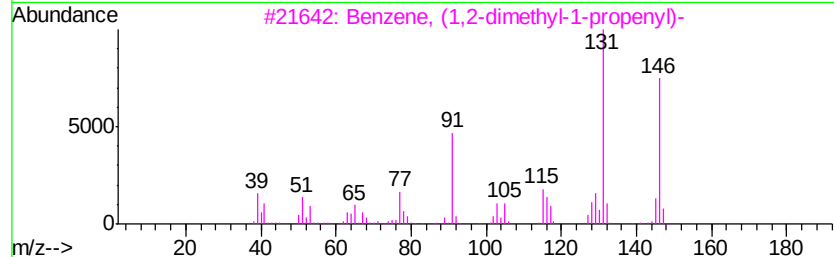
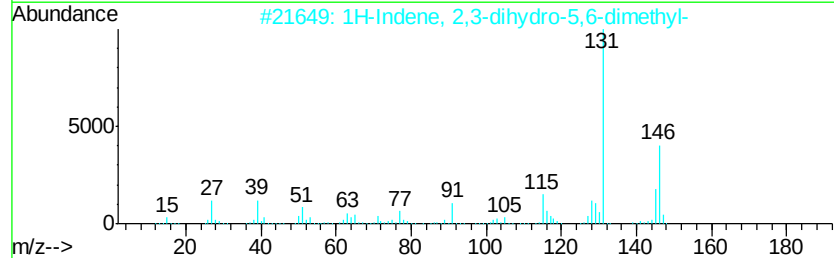
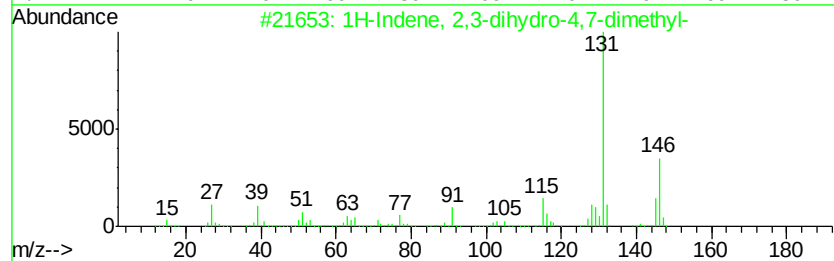
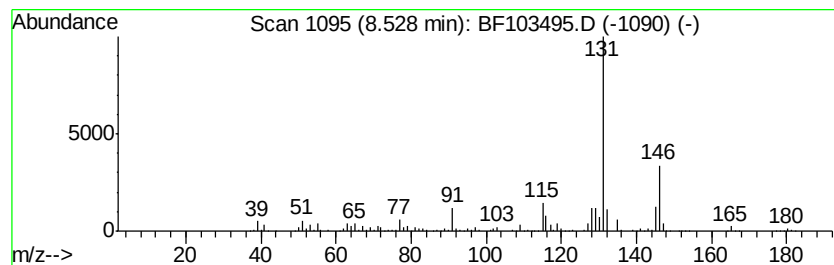
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	17.58 ng	970253	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93



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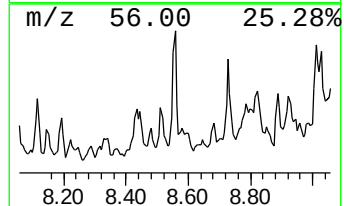
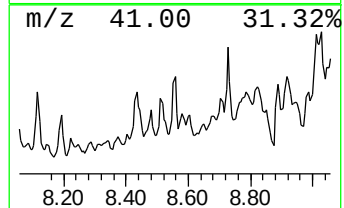
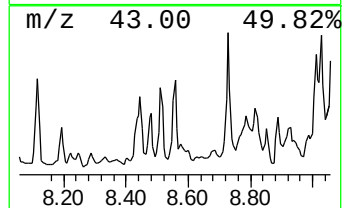
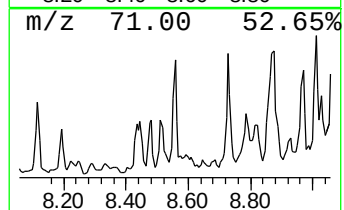
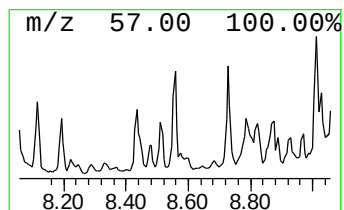
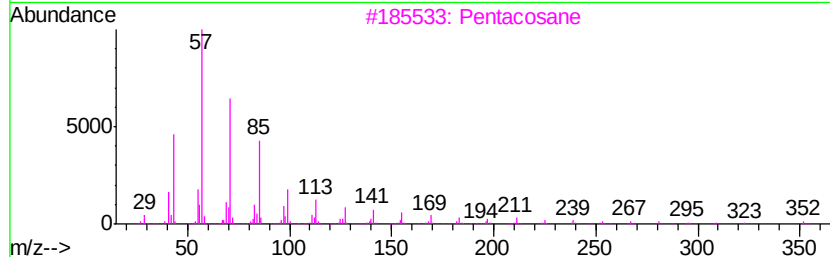
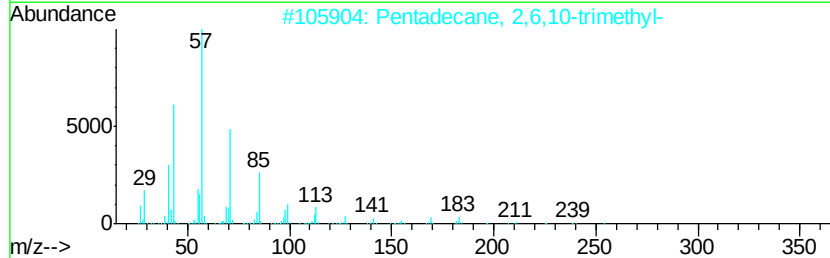
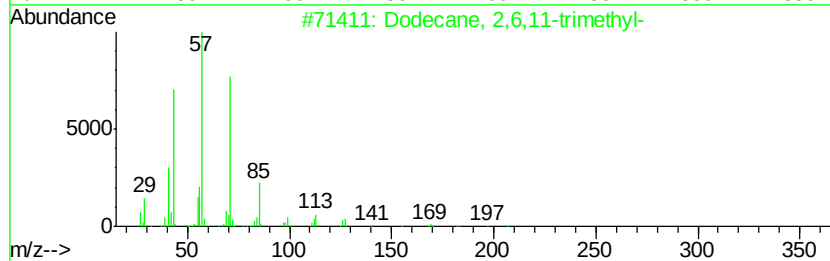
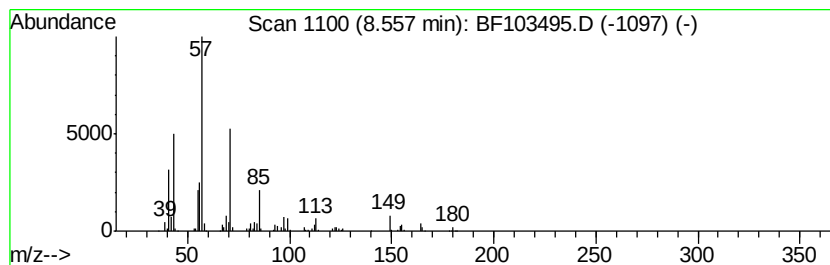
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.36 ng	351247	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3		Pentacosane	352	C25H52	000629-99-2	59
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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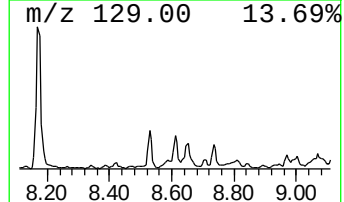
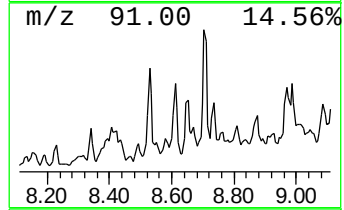
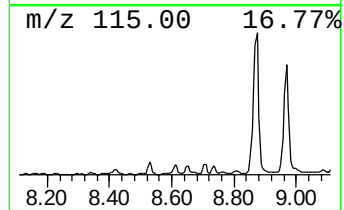
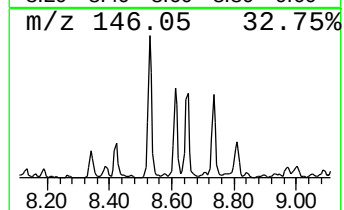
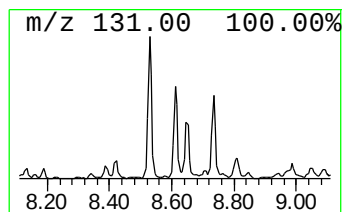
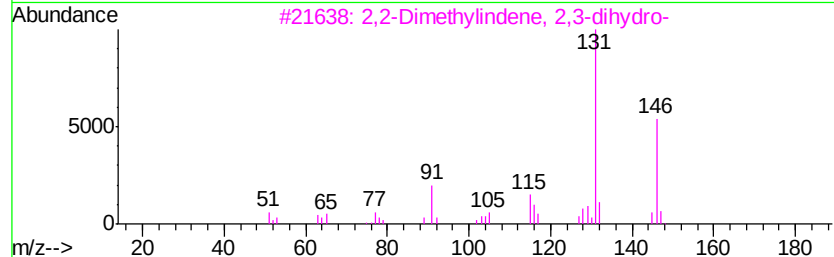
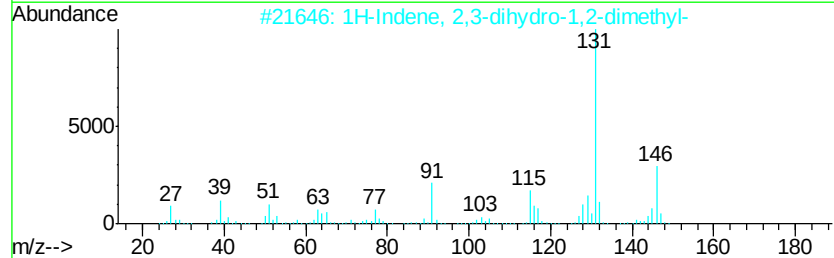
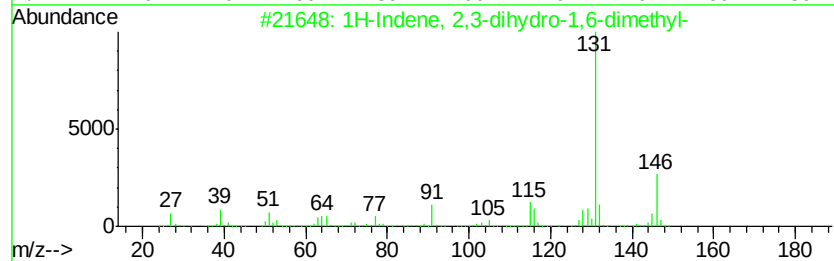
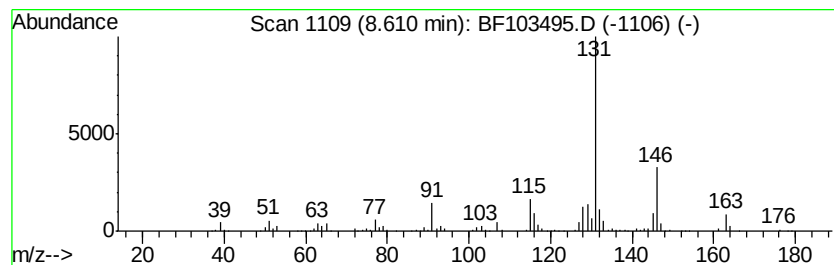
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	11.58 ng	639088	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
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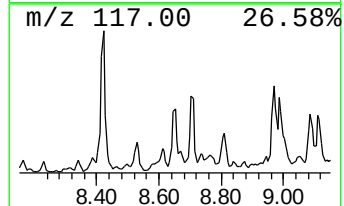
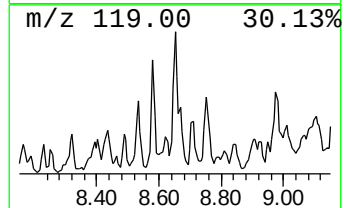
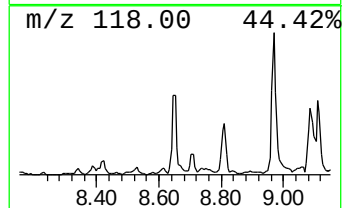
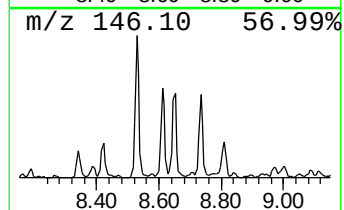
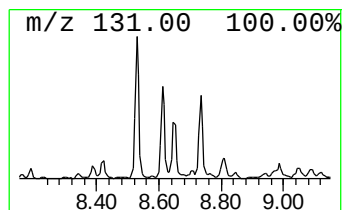
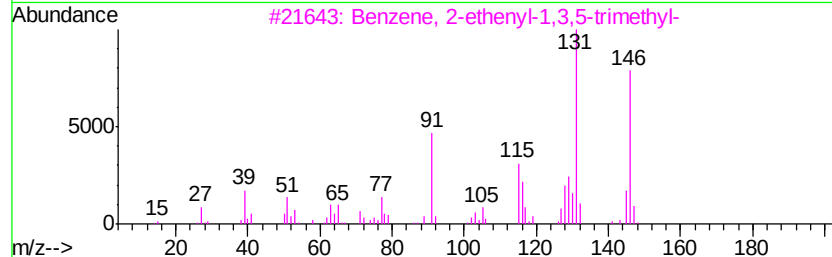
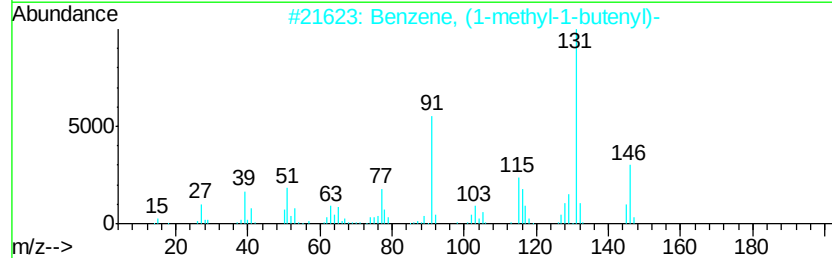
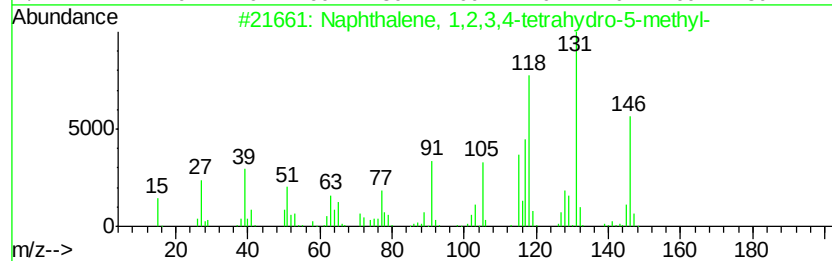
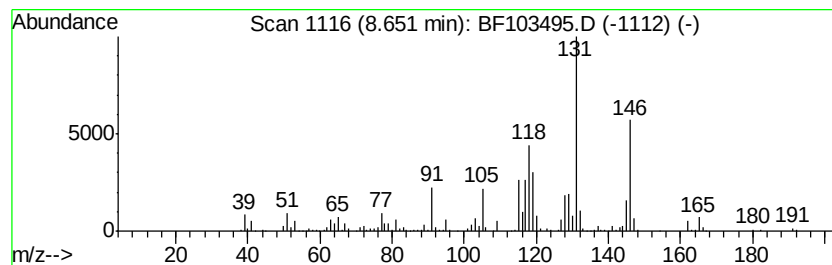
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	11.10 ng	612757	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	90
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:42
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ALS Vial : 6 Sample Multiplier: 1

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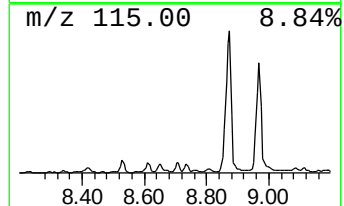
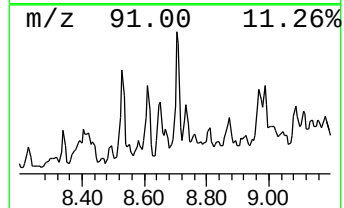
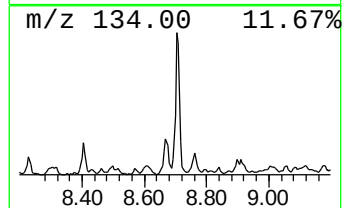
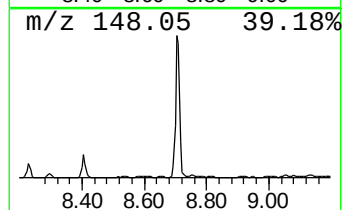
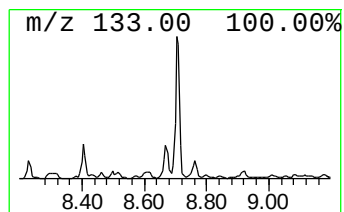
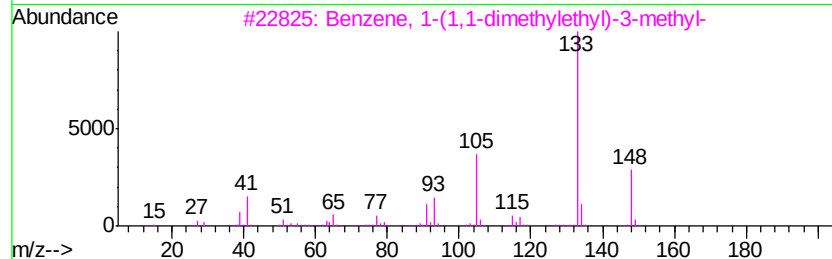
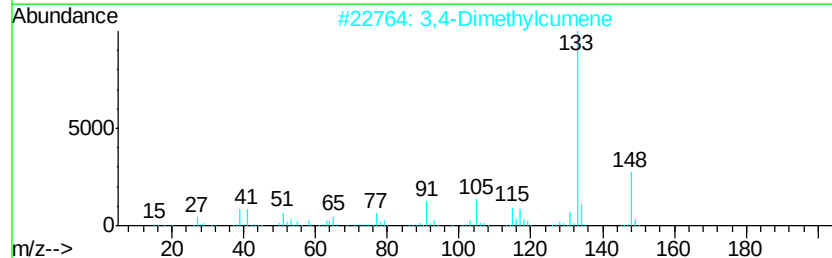
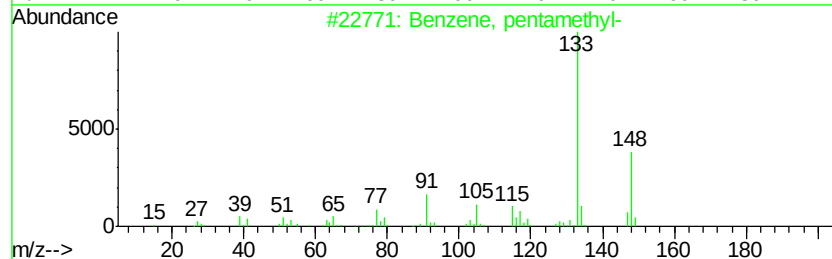
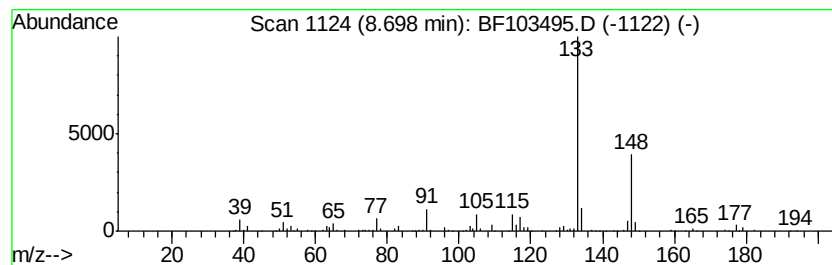
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	15.27 ng	842847	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
3		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
4		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5		1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:42
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Misc :
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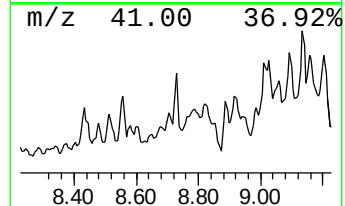
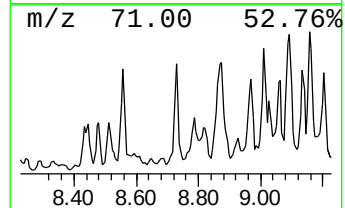
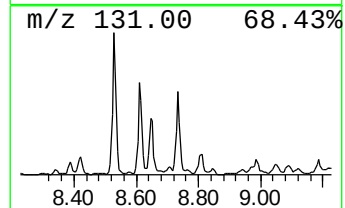
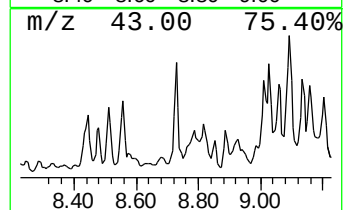
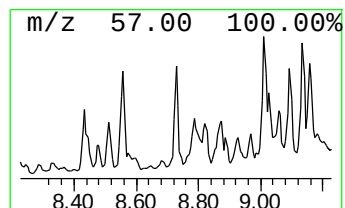
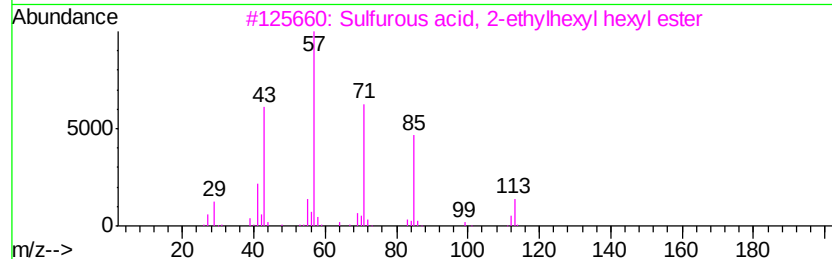
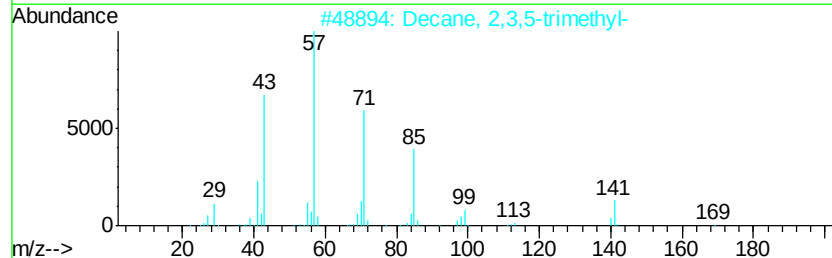
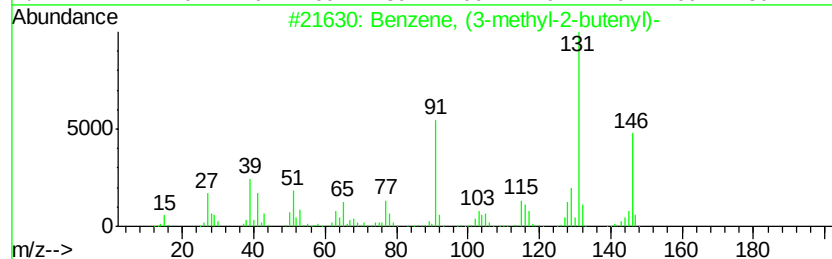
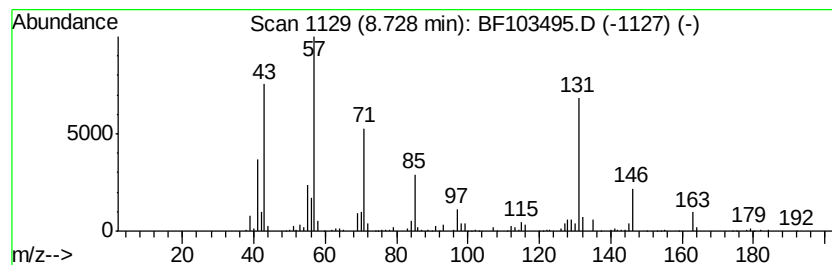
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.73 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	12.54 ng	691938	Napthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
4			Heneicosane	296	C21H44	000629-94-7	35
5			Eicosane	282	C20H42	000112-95-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:42
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ALS Vial : 6 Sample Multiplier: 1

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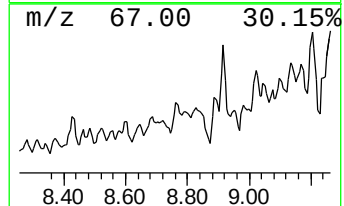
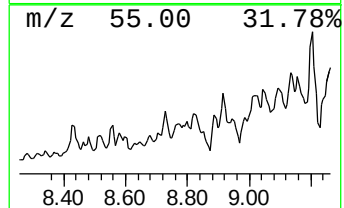
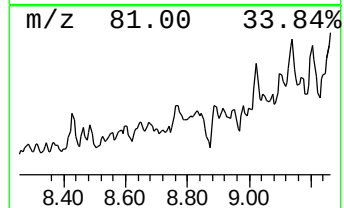
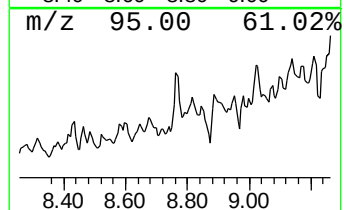
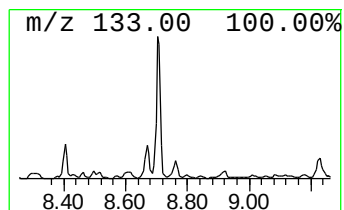
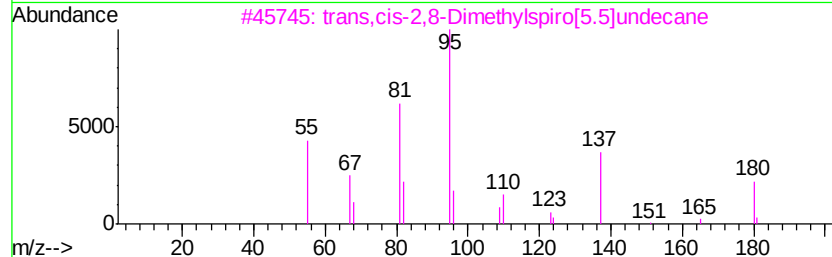
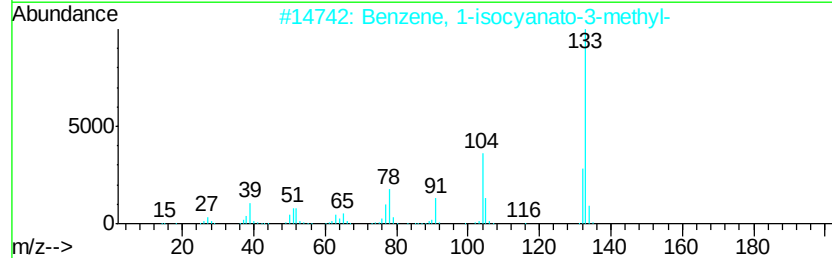
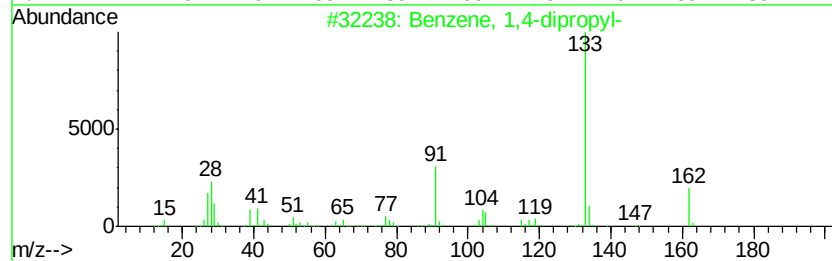
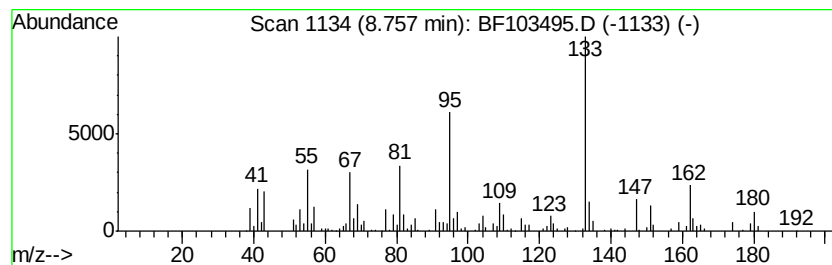
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.76 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.91 ng	326012	Naphthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	27
2			Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	25
3			trans,cis-2,8-Dimethylspiro[5.5]undecane	180	C13H24	095472-52-9	25
4			Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	25
5			Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 12:42
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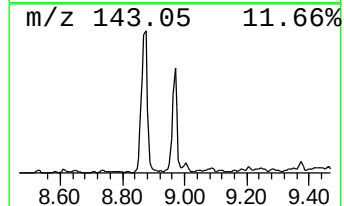
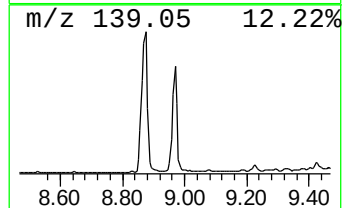
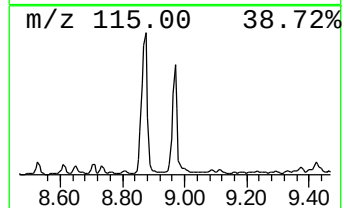
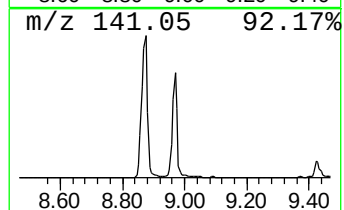
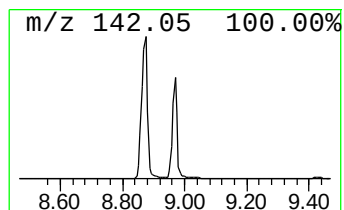
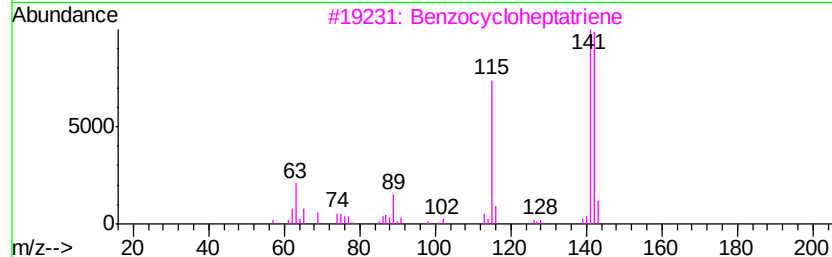
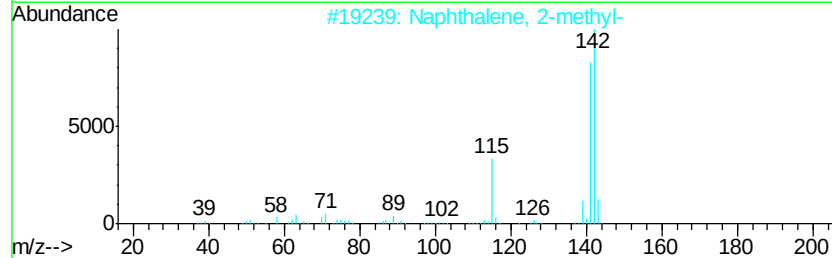
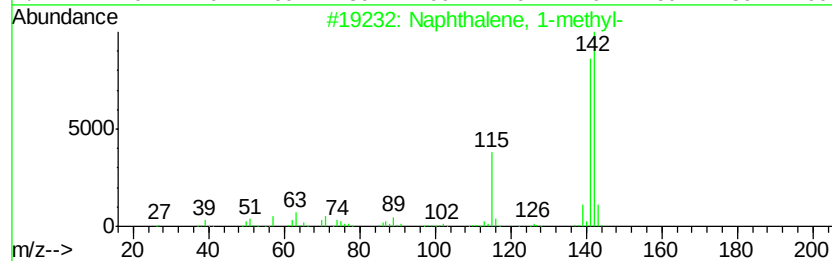
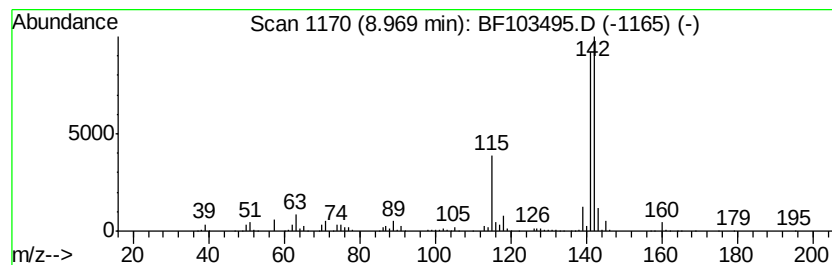
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	73.68 ng	4066540	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-5

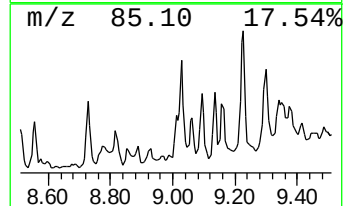
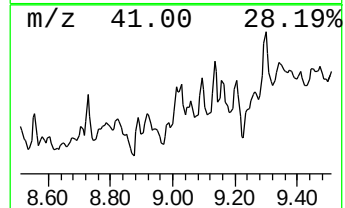
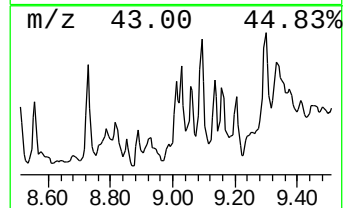
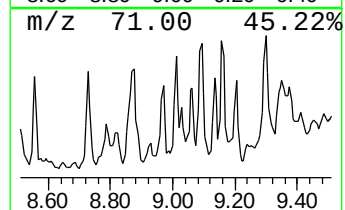
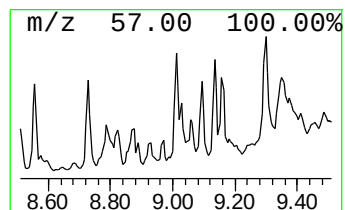
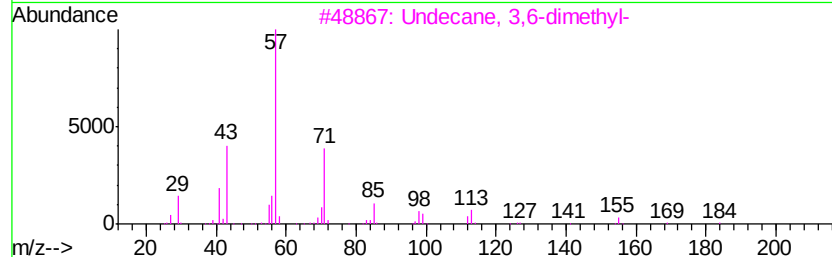
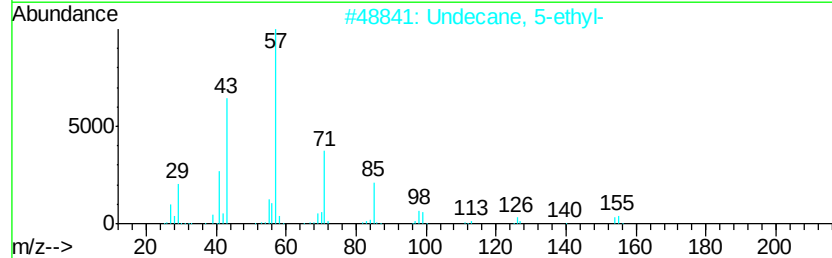
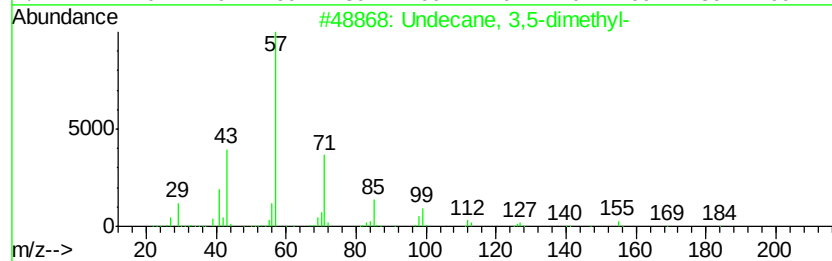
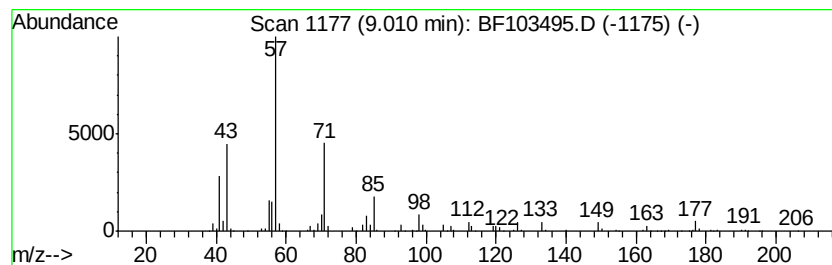
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	8.43 ng	465198	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

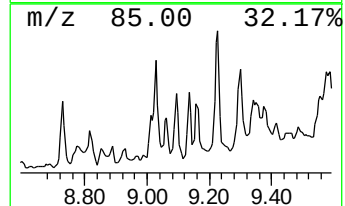
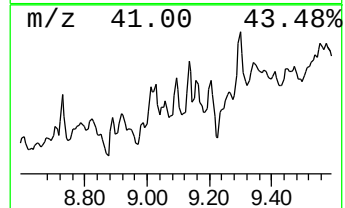
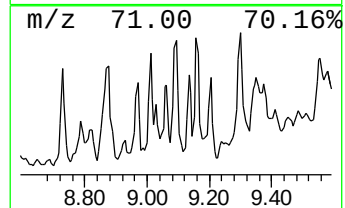
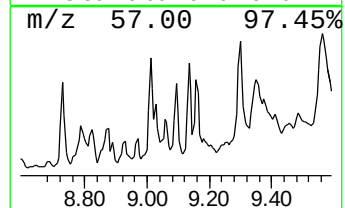
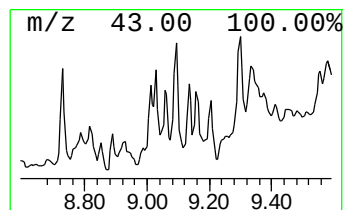
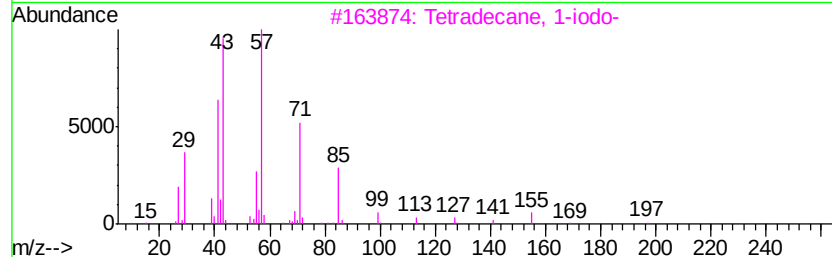
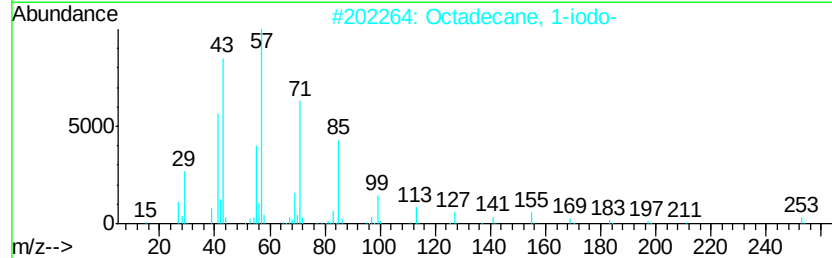
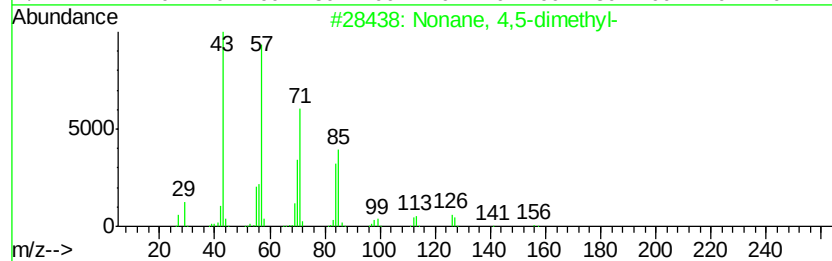
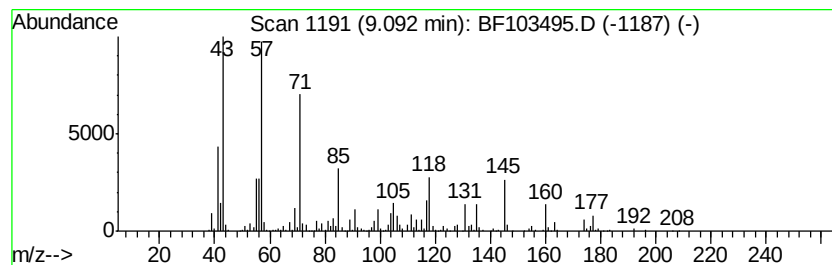
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ClientSampled :
DRUM-5

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 14 unknown9.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	24.71 ng	885754	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7	38
2	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	30
3	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	30
4	Dodecane, 4-methyl-	184 C13H28	006117-97-1	27
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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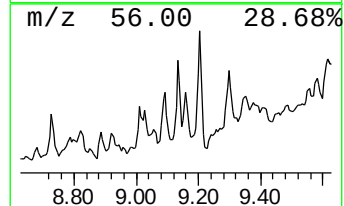
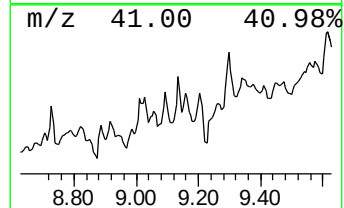
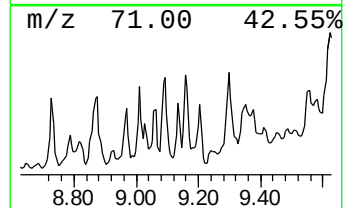
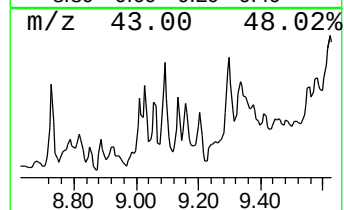
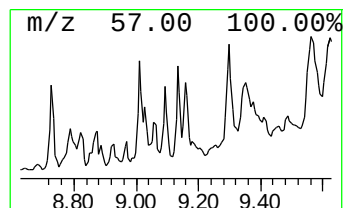
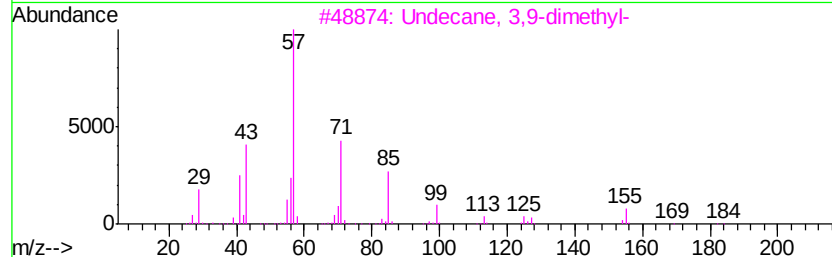
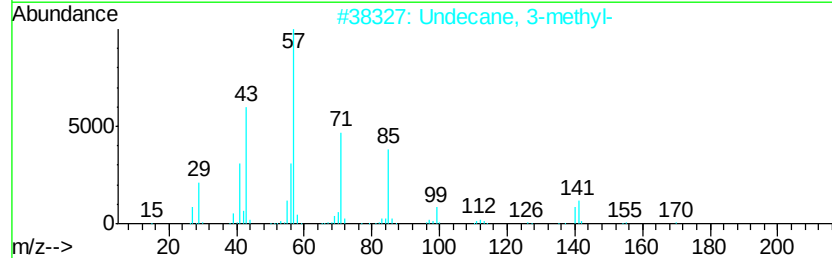
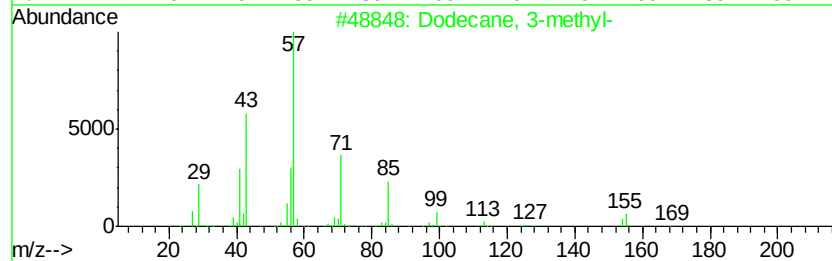
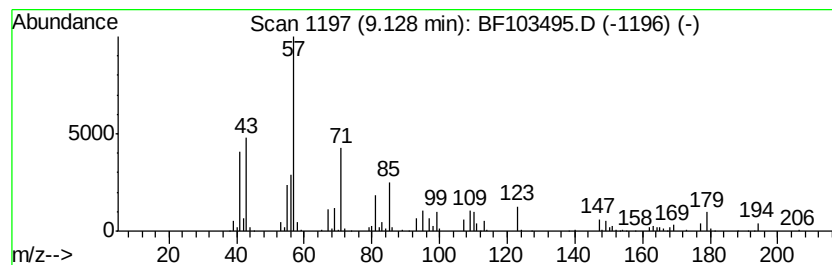
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	16.96 ng	608176	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
4		Tetratetracontane	619	C44H90	007098-22-8	47
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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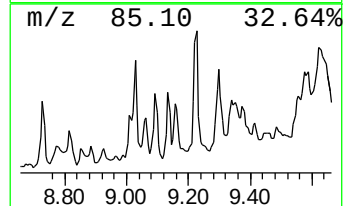
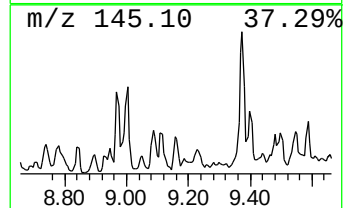
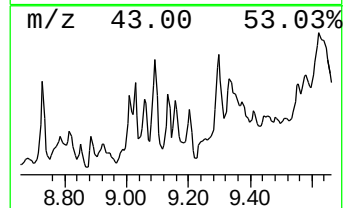
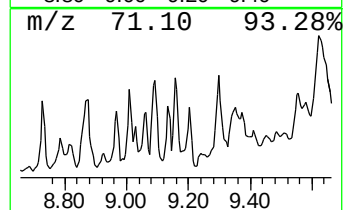
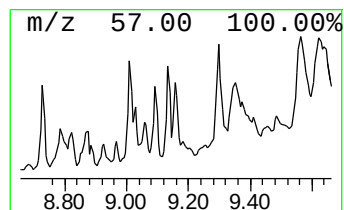
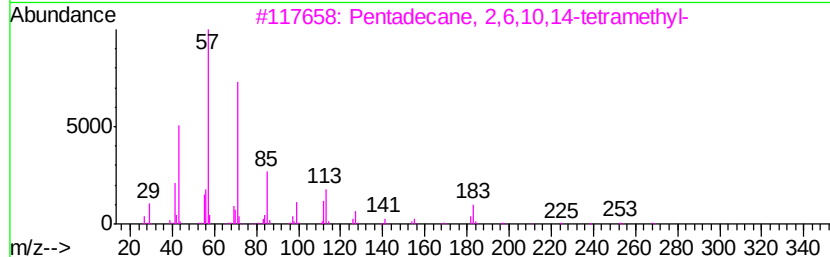
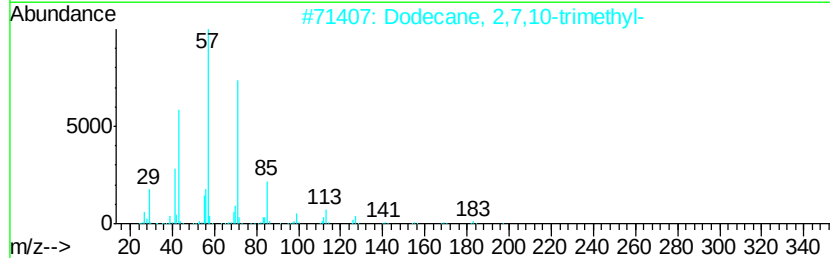
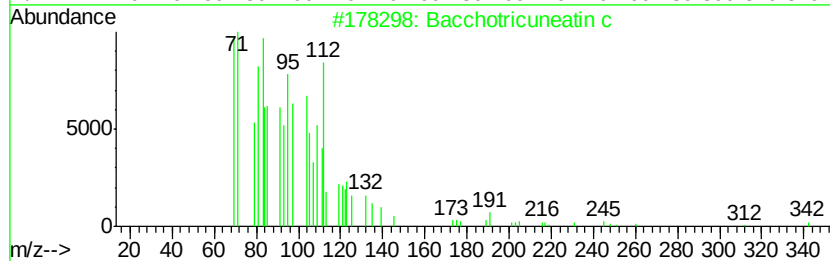
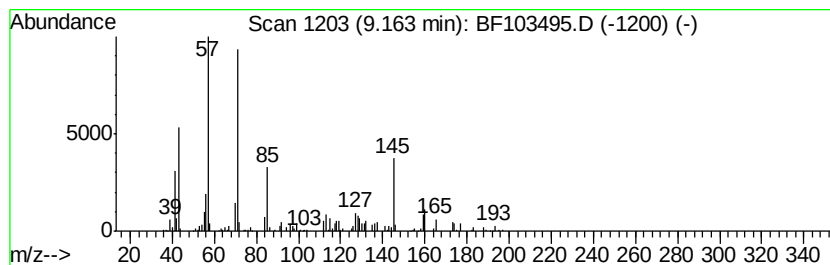
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	14.24 ng	510358	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Sample : J1779-01
Misc :
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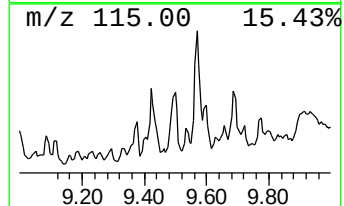
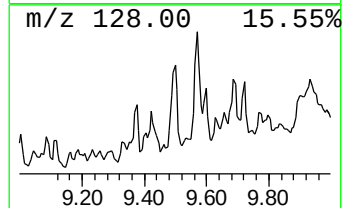
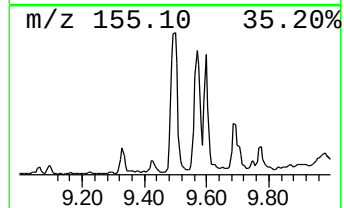
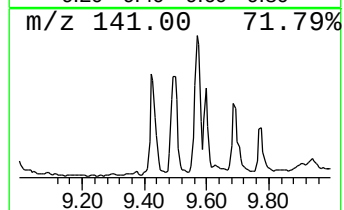
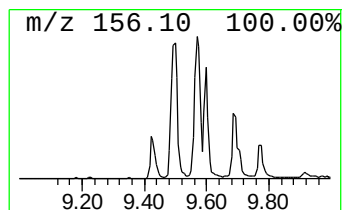
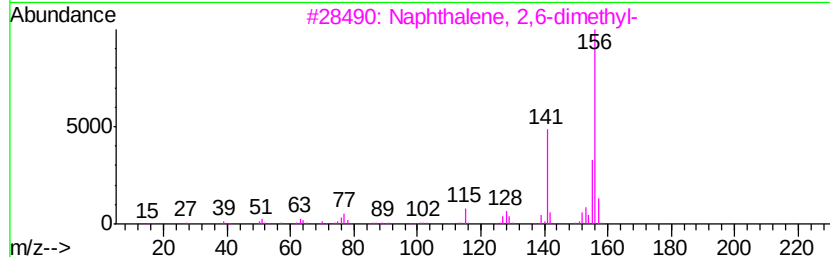
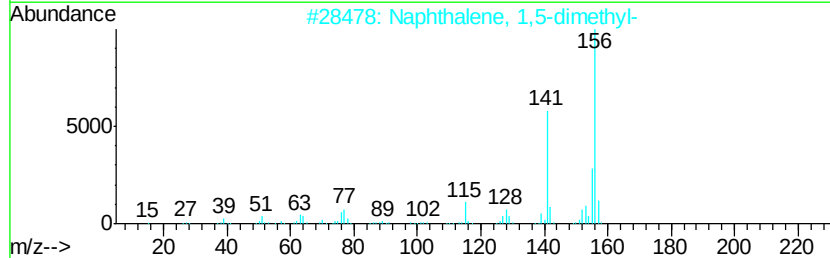
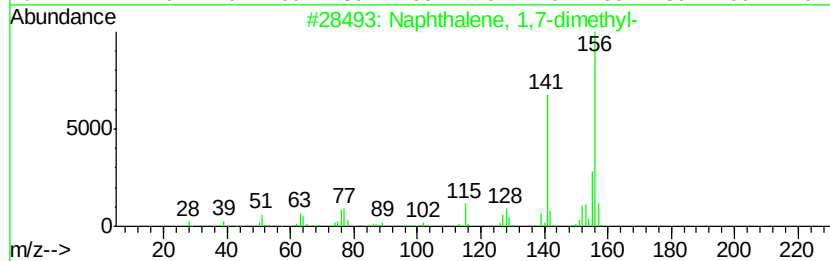
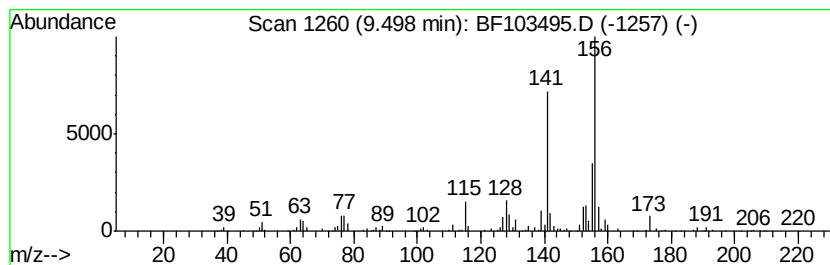
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.50	18.49 ng	662925	Acenaphthene-d10		9.92		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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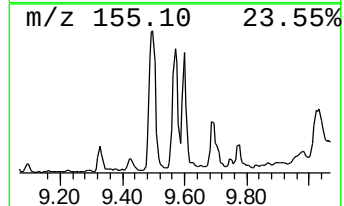
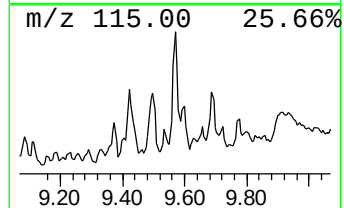
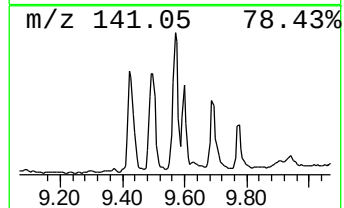
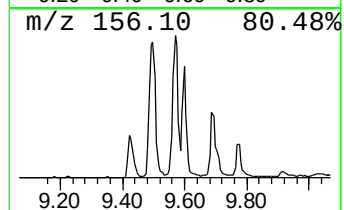
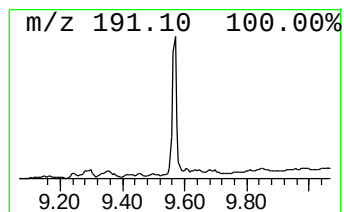
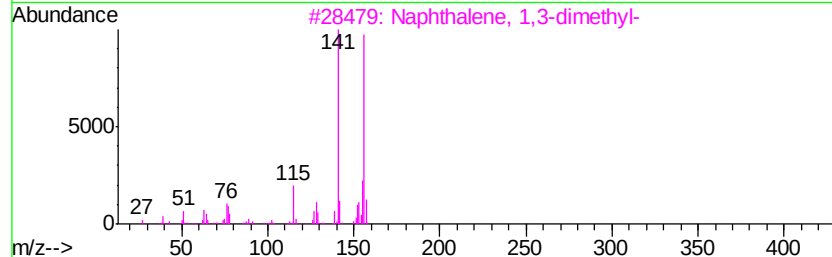
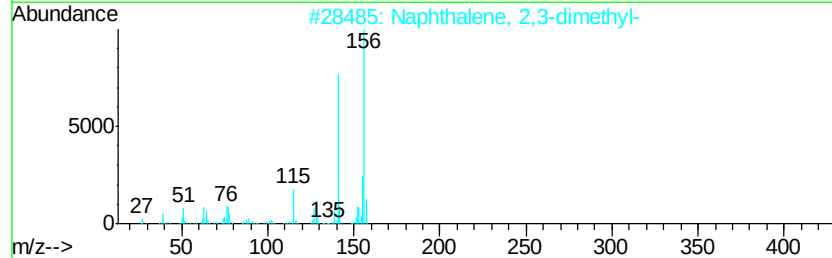
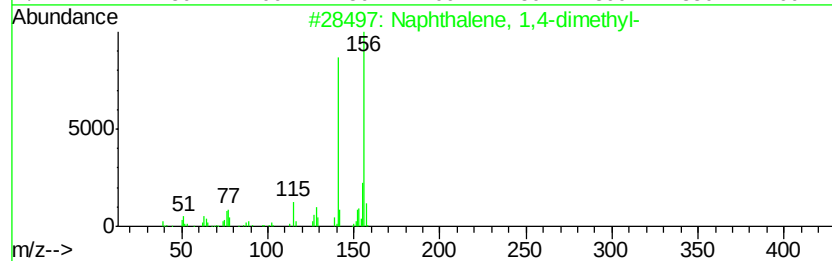
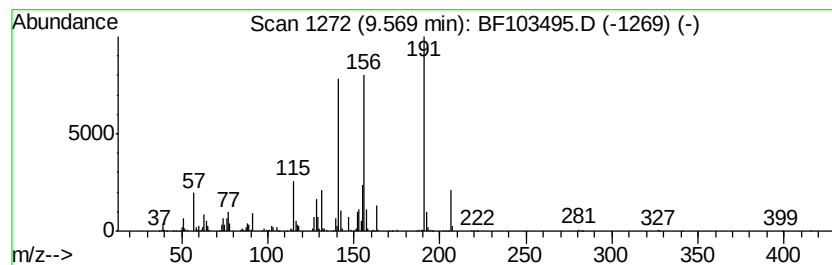
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	38.41 ng	1376910	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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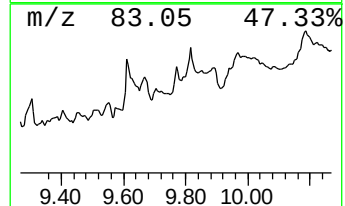
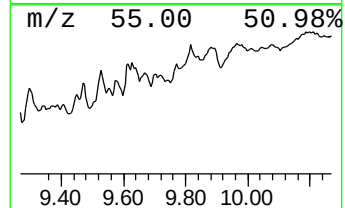
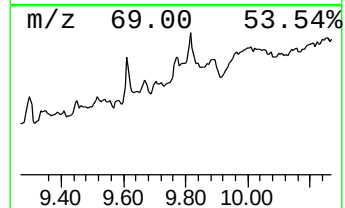
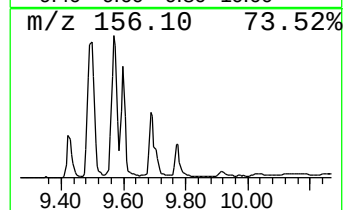
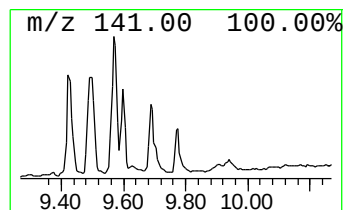
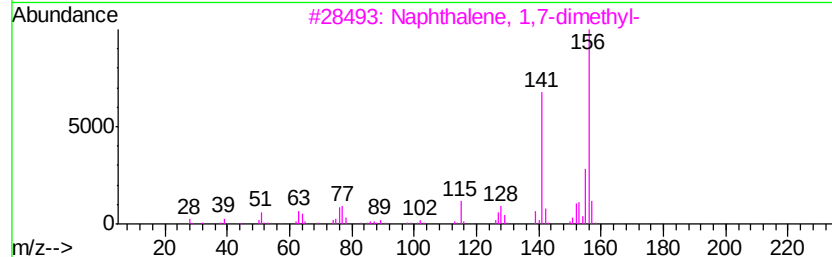
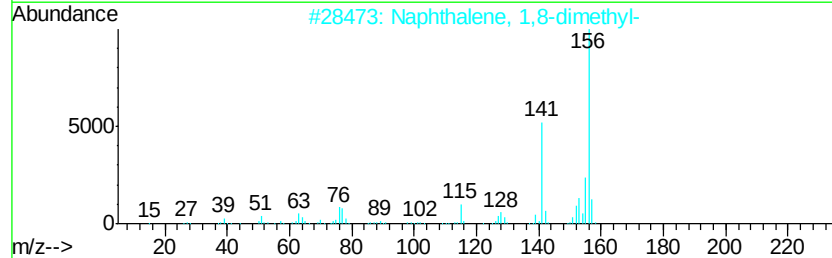
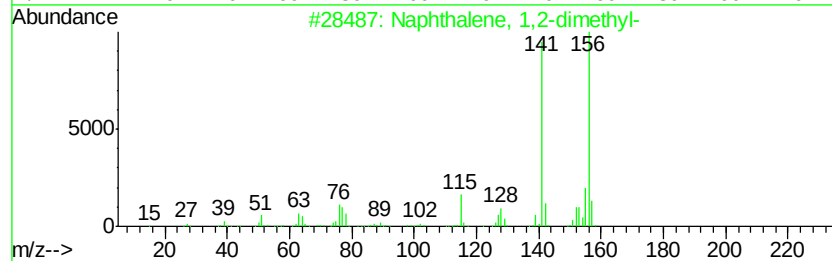
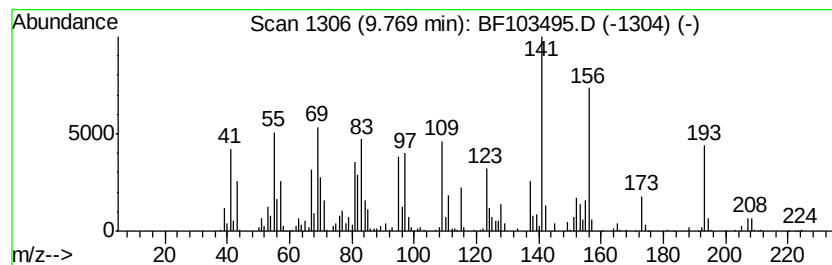
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.77	20.00 ng	717041	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	50
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	42
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	42
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	42
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103495.D
Acq On : 7 Mar 2018 12:42
Operator : SJ/JU
Sample : J1779-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-5

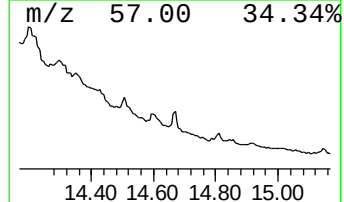
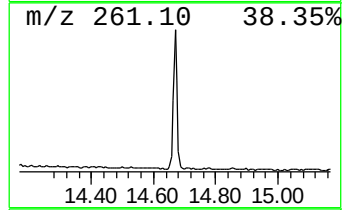
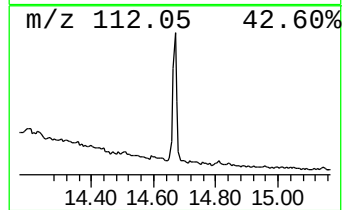
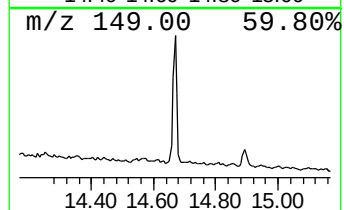
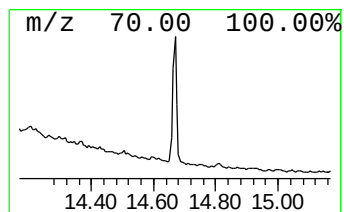
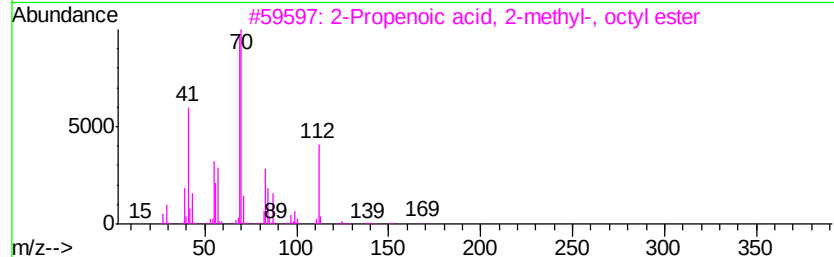
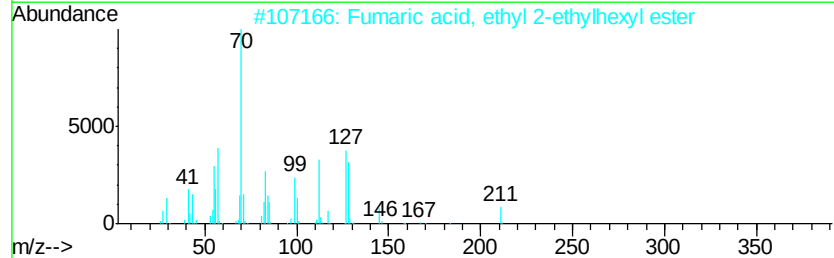
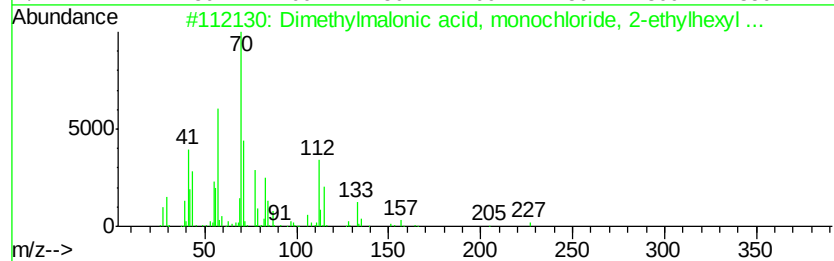
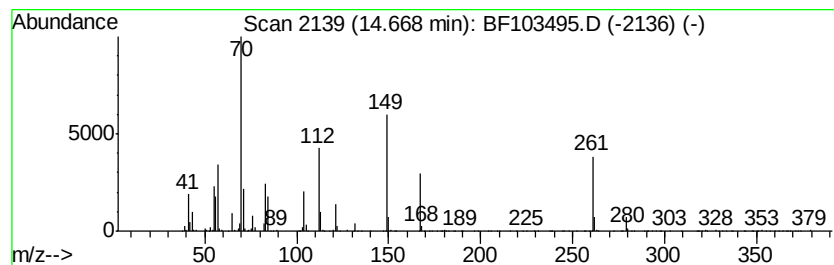
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown14.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	20.00 ng	1786150	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethylmalonic acid, monochlori...	262	C13H23ClO3	1000361-64-8	25
2		Fumaric acid, ethyl 2-ethylhexyl...	256	C14H24O4	1000339-13-5	25
3		2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	25
4		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	25
5		Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
 Data File : BF103495.D
 Acq On : 7 Mar 2018 12:42
 Operator : SJ/JU
 Sample : J1779-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5

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
unknown6.64	6.64	79.2	ng	3504530	1	6.86	885012	20.0
Ethanol, 2-(2-but...	8.05	16.1	ng	888299	2	8.15	1103900	20.0
unknown8.43	8.43	12.7	ng	702237	2	8.15	1103900	20.0
1H-Indene, 2,3-di...	8.53	17.6	ng	970253	2	8.15	1103900	20.0
Dodecane, 2,6,11-...	8.56	6.4	ng	351247	2	8.15	1103900	20.0
1H-Indene, 2,3-di...	8.61	11.6	ng	639088	2	8.15	1103900	20.0
Naphthalene, 1,2,...	8.65	11.1	ng	612757	2	8.15	1103900	20.0
Benzene, pentamet...	8.70	15.3	ng	842847	2	8.15	1103900	20.0
unknown8.73	8.73	12.5	ng	691938	2	8.15	1103900	20.0
unknown8.76	8.76	5.9	ng	326012	2	8.15	1103900	20.0
Naphthalene, 1-me...	8.97	73.7	ng	4066540	2	8.15	1103900	20.0
Undecane, 3,5-dim...	9.01	8.4	ng	465198	2	8.15	1103900	20.0
unknown9.09	9.09	24.7	ng	885754	3	9.92	717041	20.0
Dodecane, 3-methyl-	9.13	17.0	ng	608176	3	9.92	717041	20.0
Bacchotricuneatin c	9.16	14.2	ng	510358	3	9.92	717041	20.0
Naphthalene, 1,7-...	9.50	18.5	ng	662925	3	9.92	717041	20.0
Naphthalene, 1,4-...	9.57	38.4	ng	1376910	3	9.92	717041	20.0
Naphthalene, 1,2-...	9.77	20.0	ng	717041	3	9.92	717041	20.0
unknown14.67	14.67	20.0	ng	1786150	5	14.09	1786150	20.0