

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
 Data File : BF103986.D
 Acq On : 27 Mar 2018 22:32
 Operator : JU/SJ
 Sample : J2071-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-MH-D-D

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-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	34	39	46	rBV	99961	131406	4.37%	0.330%
2	5.222	525	533	539	rBV	76682	123443	4.11%	0.310%
3	5.575	590	593	595	rBV2	91948	104162	3.47%	0.261%
4	5.610	595	599	628	rVV	2211974	3005152	100.00%	7.536%
5	5.828	632	636	642	rBV	79027	100890	3.36%	0.253%
6	6.492	746	749	752	rBV	112085	105612	3.51%	0.265%
7	6.569	759	762	764	rBV	64268	55469	1.85%	0.139%
8	6.610	764	769	788	rVV	2135479	2980693	99.19%	7.475%
9	6.745	788	792	798	rVV	2768364	2973555	98.95%	7.457%
10	6.792	798	800	807	rVB	228107	226274	7.53%	0.567%
11	6.969	827	830	837	rBV	780970	782789	26.05%	1.963%
12	7.022	837	839	845	rVB2	61359	65224	2.17%	0.164%
13	7.128	853	857	868	rBV	2421353	2351725	78.26%	5.897%
14	7.234	872	875	880	rVV2	90421	108047	3.60%	0.271%
15	7.281	880	883	890	rVB2	101917	114280	3.80%	0.287%
16	7.498	917	920	922	rBV	82963	69048	2.30%	0.173%
17	7.534	922	926	935	rVV	1597621	1831533	60.95%	4.593%
18	7.604	935	938	942	rVB4	41991	52665	1.75%	0.132%
19	7.822	972	975	980	rBV	169337	184244	6.13%	0.462%
20	7.987	996	1003	1005	rBV3	55846	81759	2.72%	0.205%
21	8.051	1011	1014	1022	rVB5	31085	51752	1.72%	0.130%
22	8.251	1044	1048	1058	rVB	1069005	1216996	40.50%	3.052%
23	8.463	1079	1084	1087	rBV	90143	88001	2.93%	0.221%
24	8.522	1091	1094	1100	rVB	93104	114109	3.80%	0.286%
25	8.963	1166	1169	1173	rBV2	136447	145076	4.83%	0.364%
26	9.063	1184	1186	1193	rVB	85369	94365	3.14%	0.237%
27	9.251	1212	1218	1222	rBV2	44084	83529	2.78%	0.209%
28	9.328	1226	1231	1234	rBV	3299494	2990121	99.50%	7.498%
29	9.392	1239	1242	1245	rVB2	74795	69924	2.33%	0.175%
30	9.598	1270	1277	1279	rBV3	56898	96198	3.20%	0.241%
31	9.663	1285	1288	1291	rBV	67957	74591	2.48%	0.187%
32	9.716	1291	1297	1303	rVB	343855	392980	13.08%	0.985%
33	9.875	1320	1324	1328	rBV	231170	263490	8.77%	0.661%
34	9.916	1328	1331	1335	rVB2	234191	233745	7.78%	0.586%

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35	10.010	1344	1347	1351	rBV2	1083598	993685	33.07%	2.492%
36	10.045	1351	1353	1359	rVB	175124	155558	5.18%	0.390%
37	10.116	1362	1365	1368	rVB3	44113	49208	1.64%	0.123%
38	10.163	1369	1373	1374	rBV4	33896	47365	1.58%	0.119%
39	10.216	1378	1382	1384	rVV2	110626	123021	4.09%	0.309%
40	10.245	1385	1387	1391	rVB3	66689	69364	2.31%	0.174%
41	10.322	1397	1400	1402	rBV2	85524	94743	3.15%	0.238%
42	10.422	1412	1417	1421	rBV4	194728	242208	8.06%	0.607%
43	10.563	1437	1441	1447	rVB2	157307	181259	6.03%	0.455%
44	10.645	1452	1455	1457	rVB2	90333	97020	3.23%	0.243%
45	10.716	1465	1467	1470	rVB2	56956	50006	1.66%	0.125%
46	10.804	1478	1482	1489	rBV	1593231	1752521	58.32%	4.395%
47	10.910	1495	1500	1503	rBV4	191685	297107	9.89%	0.745%
48	11.345	1572	1574	1576	rBV	130498	120951	4.02%	0.303%
49	11.510	1598	1602	1604	rBV	885486	955620	31.80%	2.396%
50	11.533	1604	1606	1611	rVB	1022376	822425	27.37%	2.062%
51	11.580	1611	1614	1617	rBV	311794	324805	10.81%	0.815%
52	12.022	1684	1689	1691	rBV2	487464	711851	23.69%	1.785%
53	12.122	1703	1706	1709	rBV2	283761	333553	11.10%	0.836%
54	12.733	1806	1810	1813	rBV	1351567	1321612	43.98%	3.314%
55	12.963	1846	1849	1854	rVB	1336564	1365435	45.44%	3.424%
56	13.098	1868	1872	1875	rBV	1531125	1450916	48.28%	3.638%
57	14.092	2039	2041	2043	rBV	499571	441246	14.68%	1.107%
58	14.127	2043	2047	2049	rVV	2577325	2815496	93.69%	7.060%
59	14.286	2071	2074	2075	rBV	1236453	1266358	42.14%	3.176%
60	14.410	2092	2095	2096	rBV	629357	663070	22.06%	1.663%
61	14.468	2102	2105	2106	rBV	877597	782043	26.02%	1.961%
62	15.662	2304	2308	2313	rVB	761905	985637	32.80%	2.472%

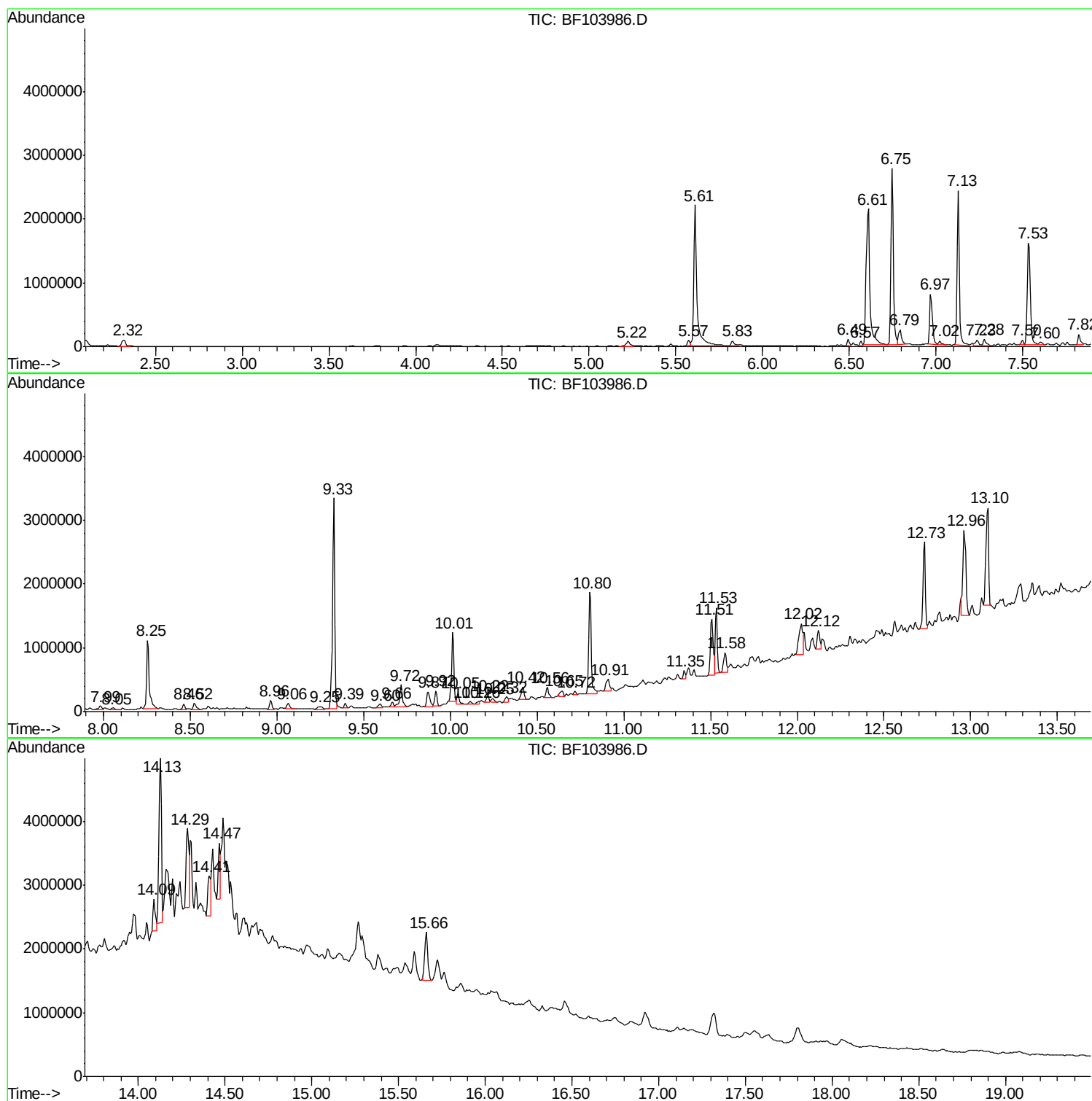
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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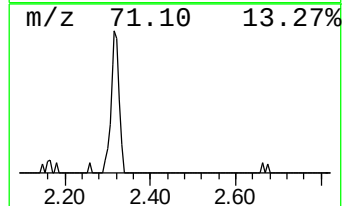
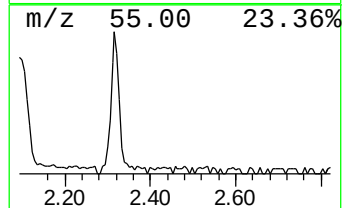
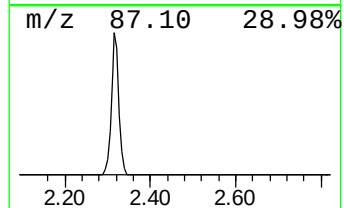
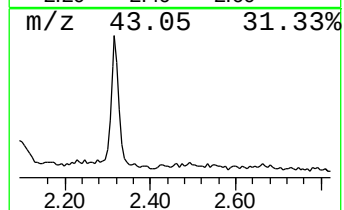
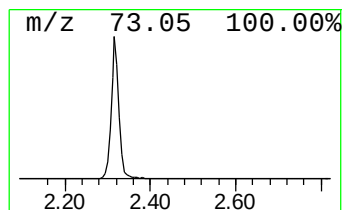
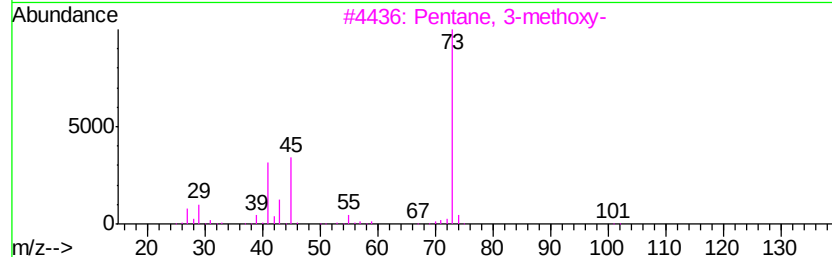
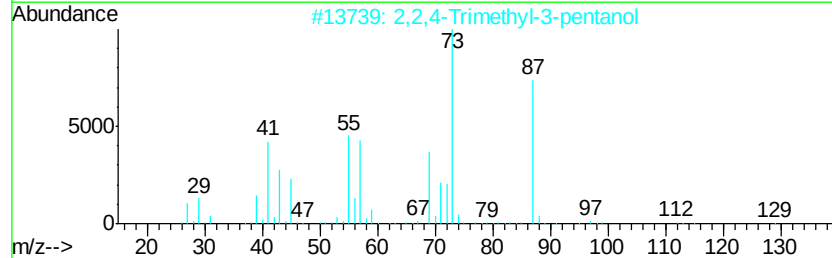
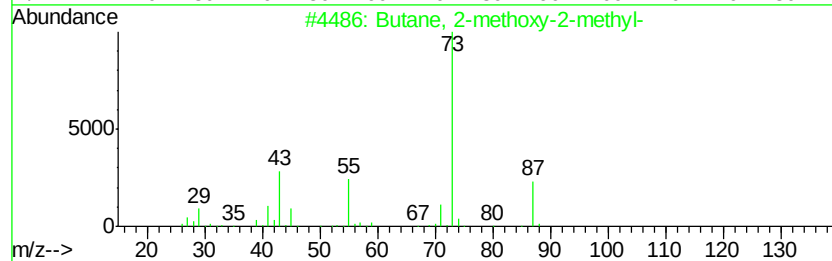
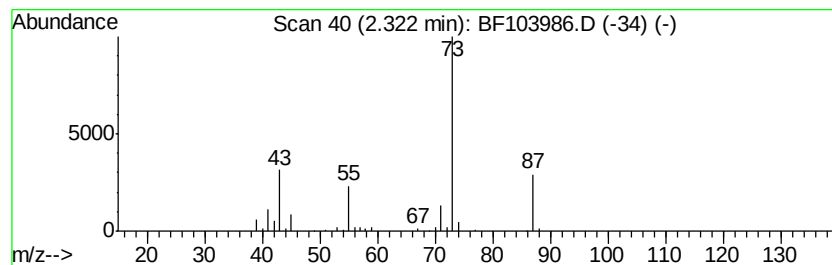
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.36 ng	131406	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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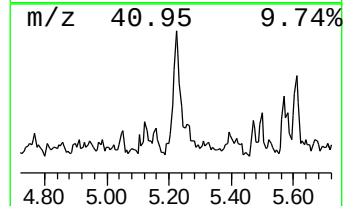
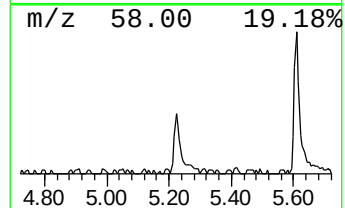
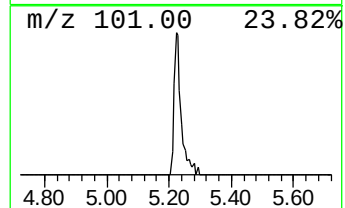
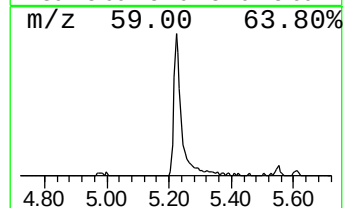
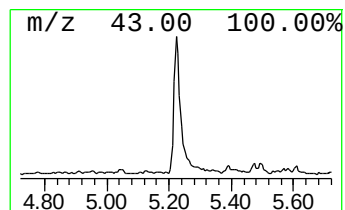
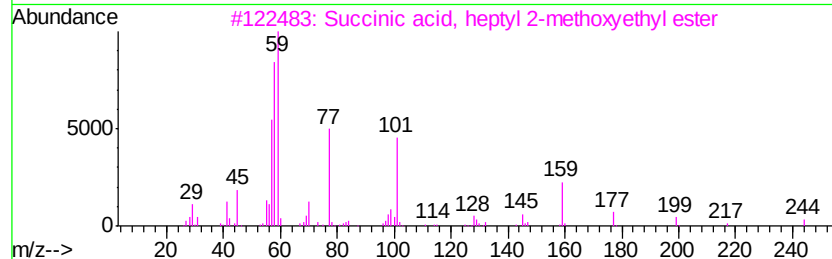
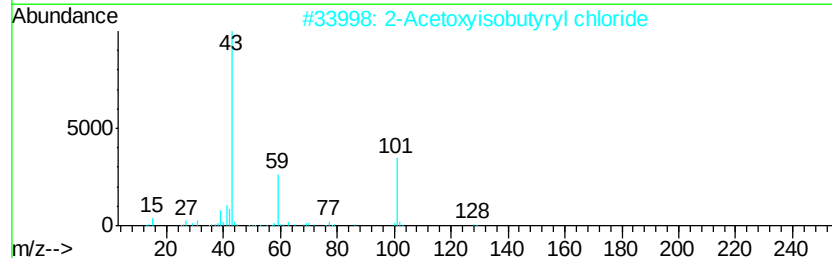
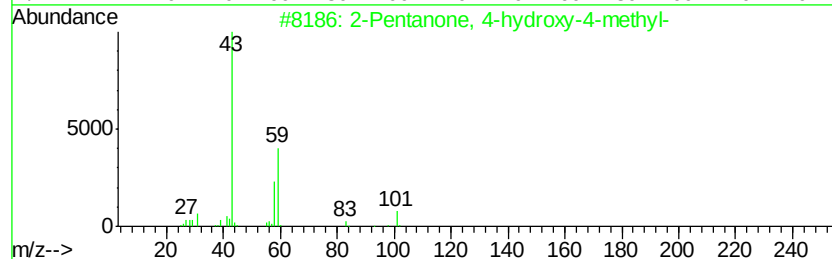
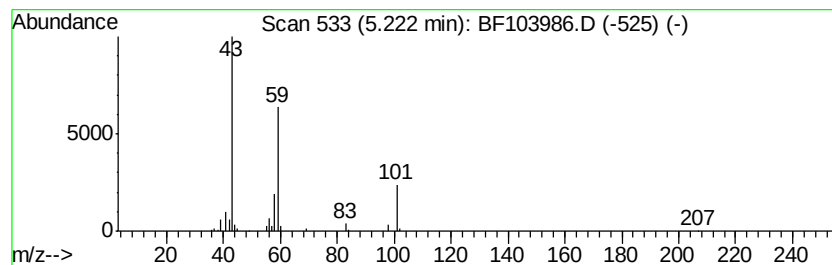
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.15 ng	123443	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		2-Acetoxyisobutyl chloride	164	C6H9ClO3	040635-66-3	42
3		Succinic acid, heptyl 2-methoxyve...	274	C14H26O5	1000325-80-7	25
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5		Acetone	58	C3H6O	000067-64-1	14



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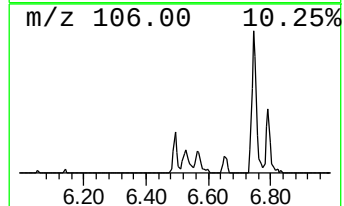
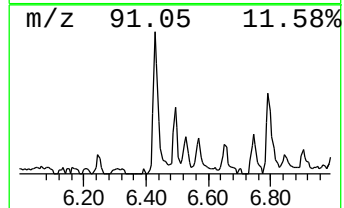
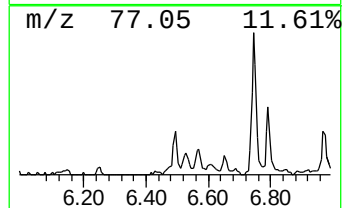
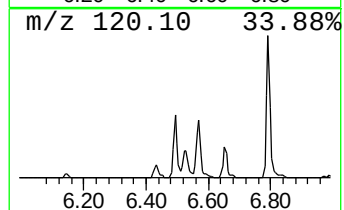
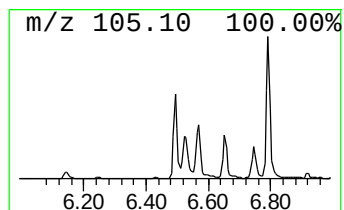
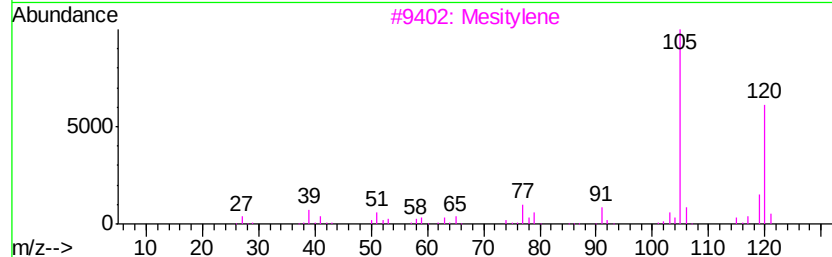
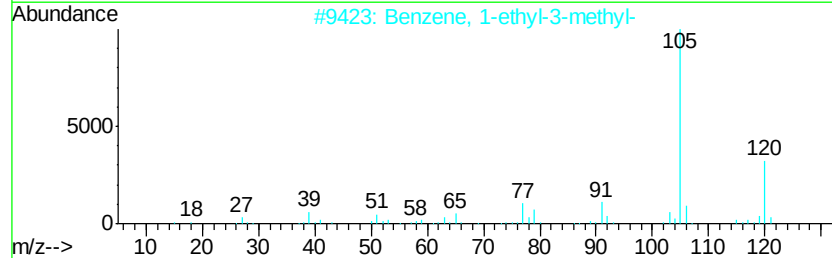
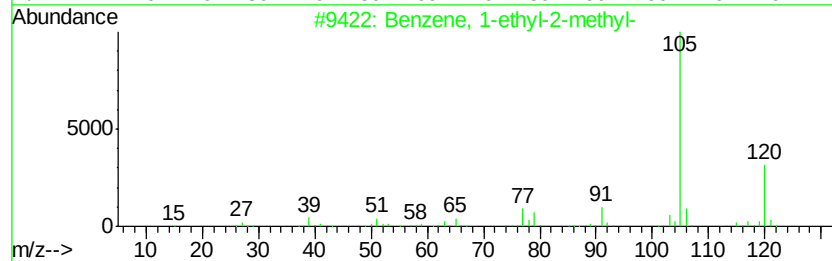
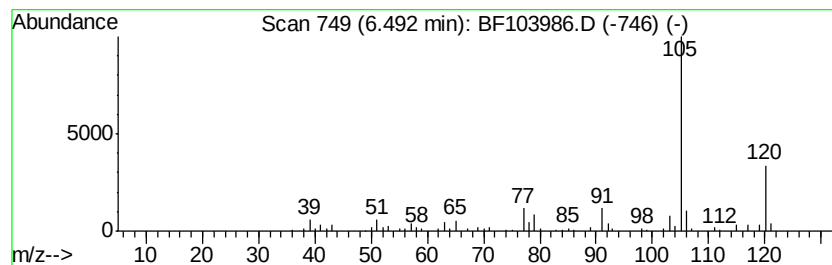
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	2.70 ng	105612	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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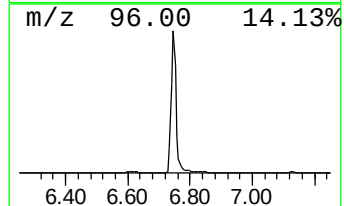
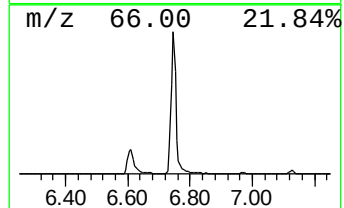
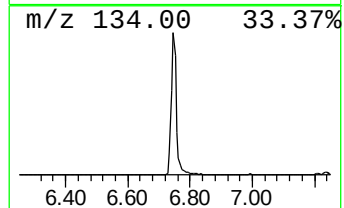
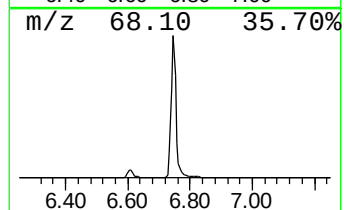
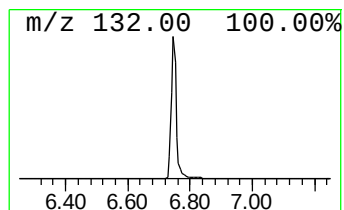
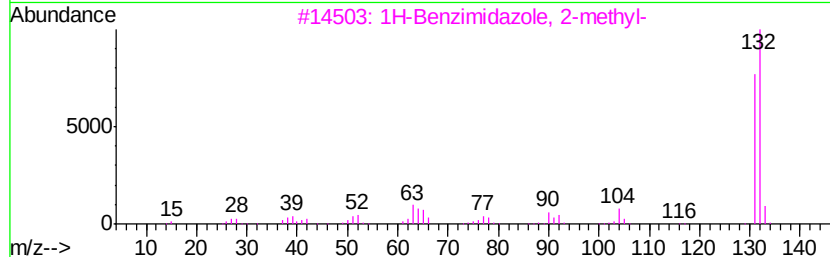
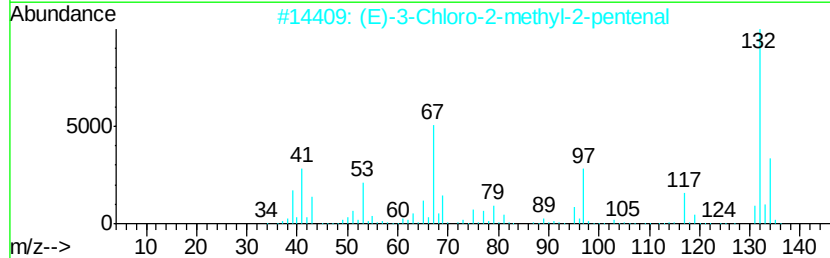
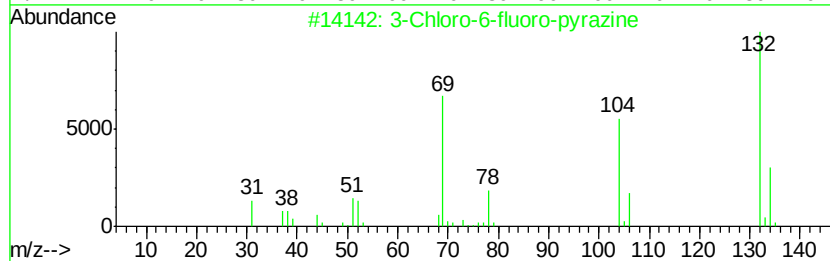
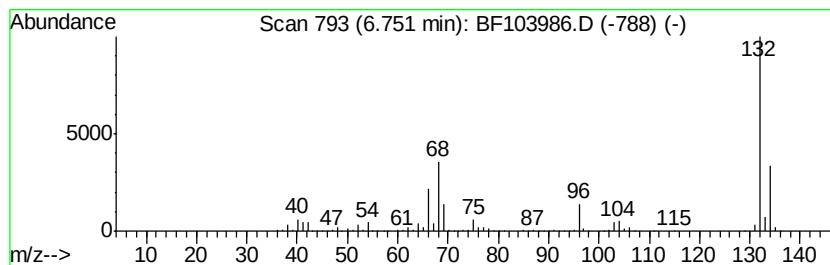
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	75.97 ng	2973560	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	16
3	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9



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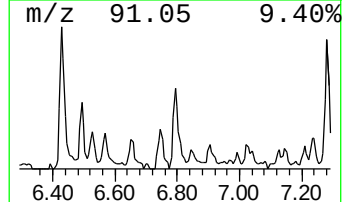
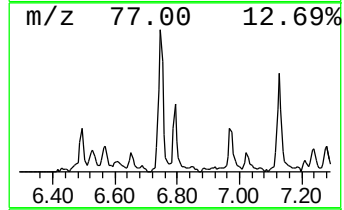
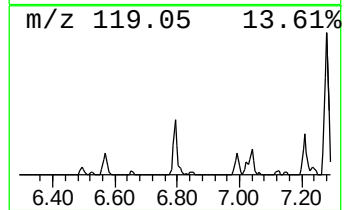
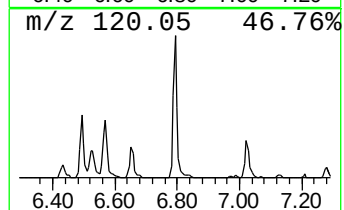
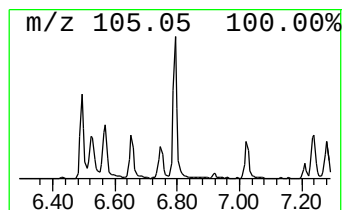
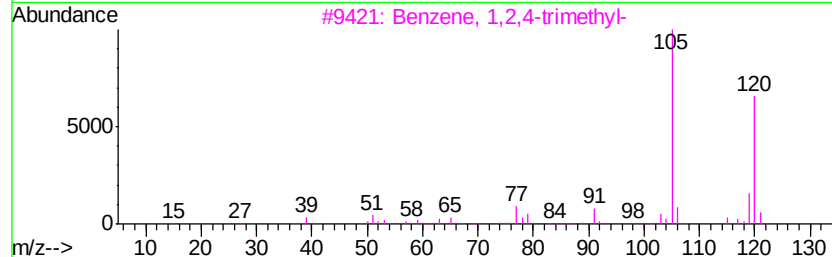
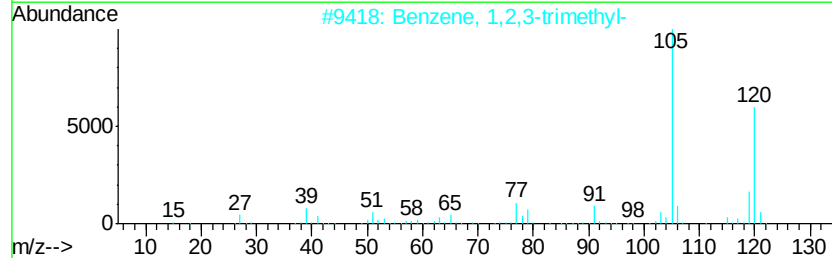
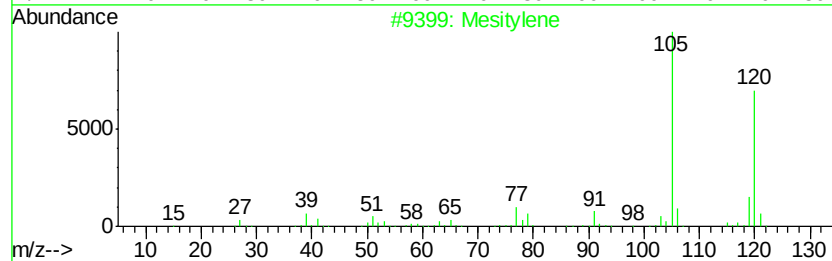
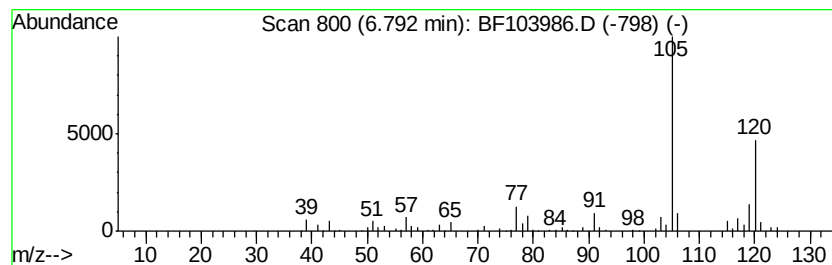
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.79	5.78 ng	226274	1,4-Dichlorobenzene-d4	6.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-MH-D-D

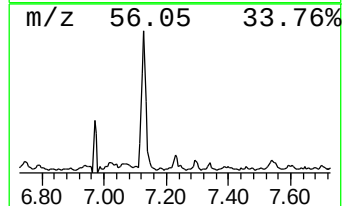
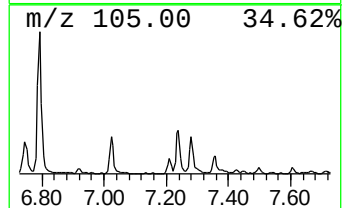
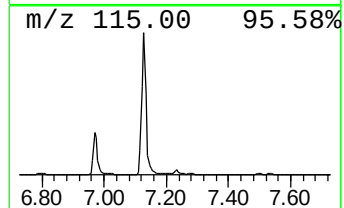
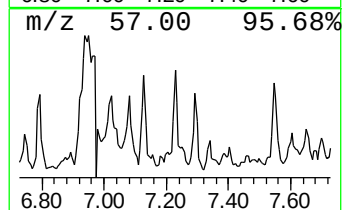
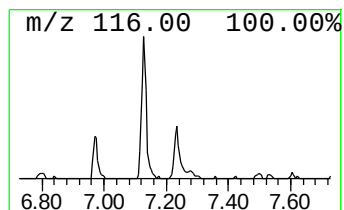
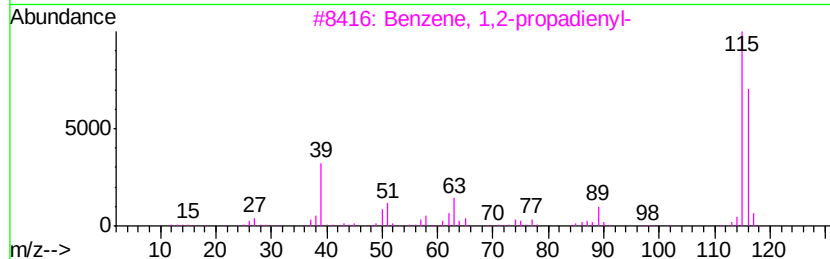
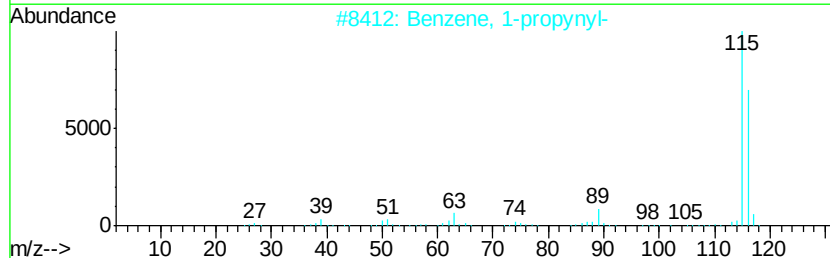
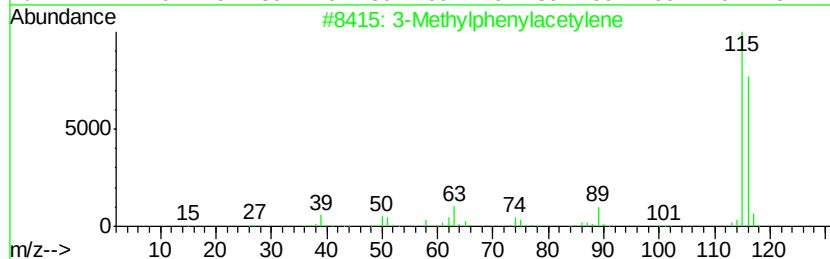
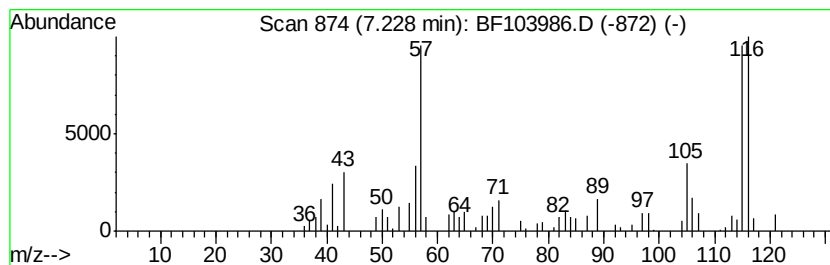
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	2.76 ng	108047	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylphenylacetylene	116	C9H8	000766-82-5	49
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	46
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	46
4		Benzene, 1-methyl-3-propynyl-	134	C10H14	001074-43-7	30
5		Benzene, 1-methyl-4-propynyl-	134	C10H14	001074-55-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
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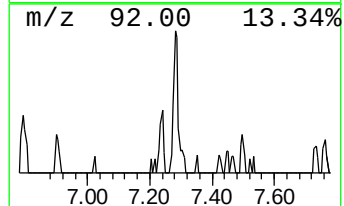
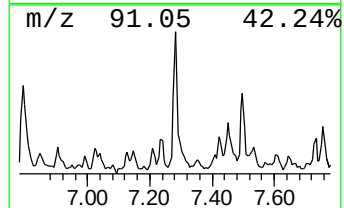
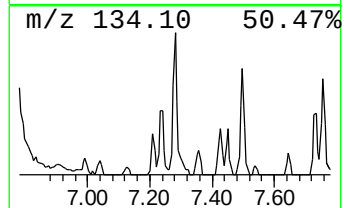
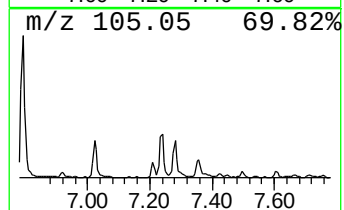
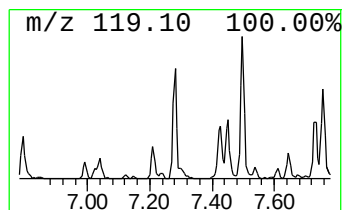
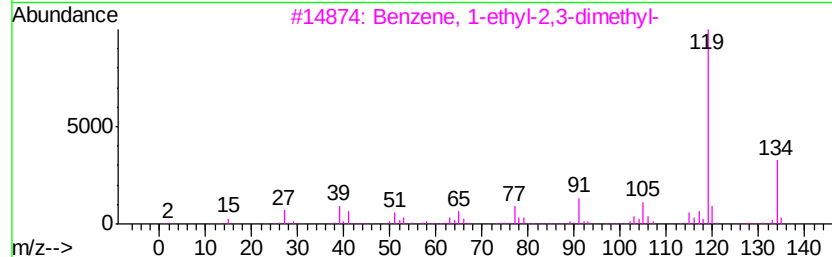
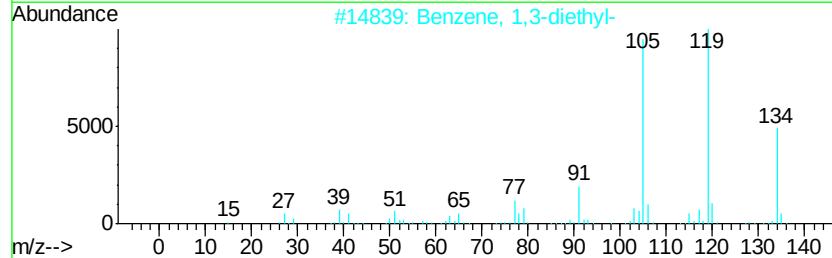
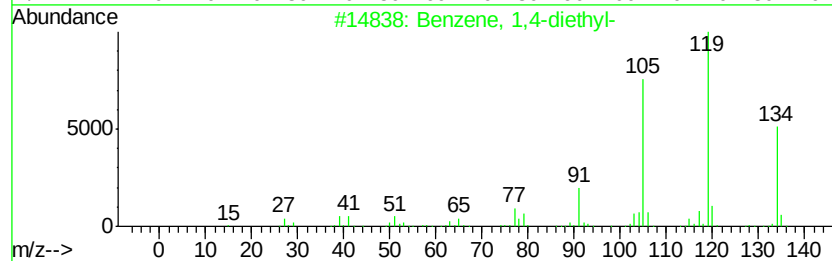
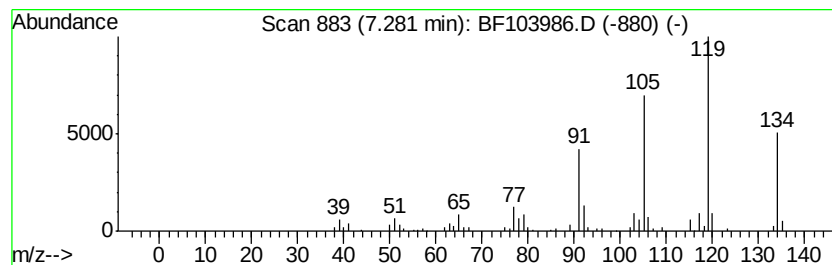
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.92 ng	114280	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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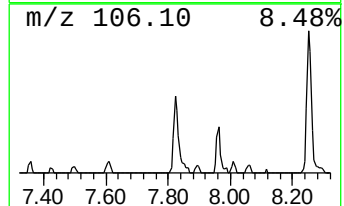
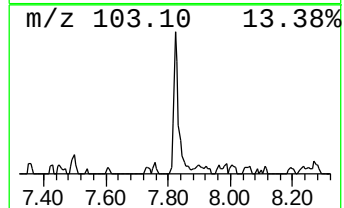
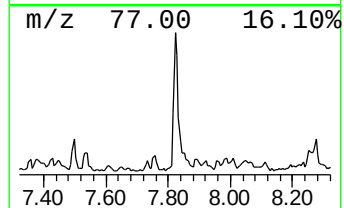
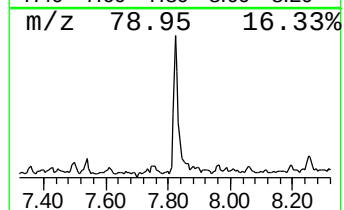
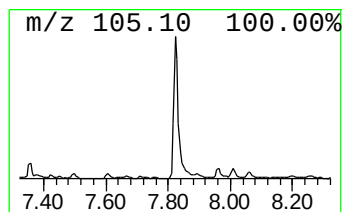
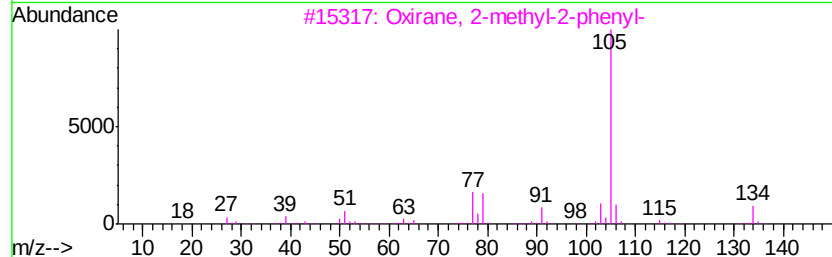
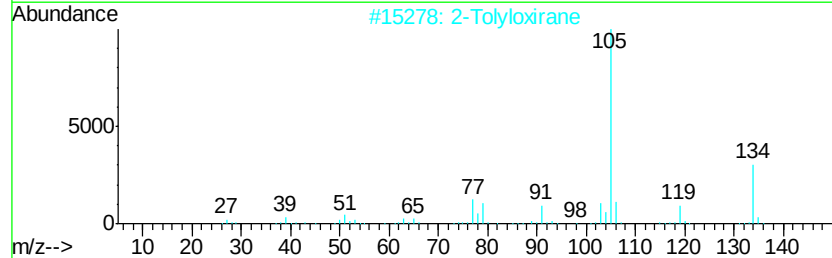
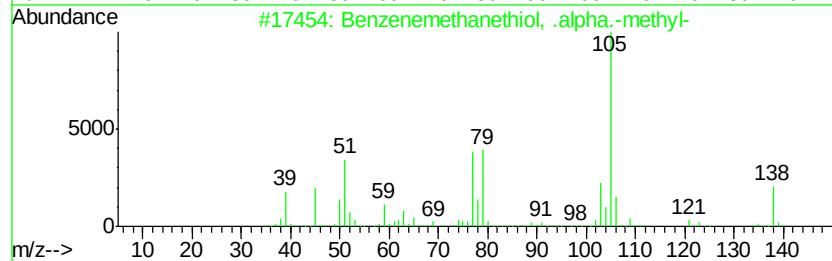
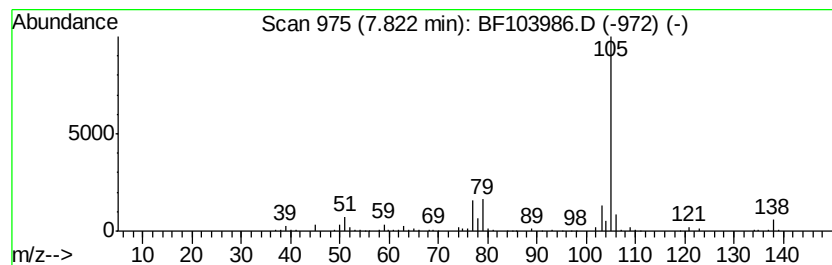
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzenemethanethiol, .alpha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.03 ng	184244	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	86
2		2-Tolyloxirane	134	C9H10O	002783-26-8	72
3		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
4		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
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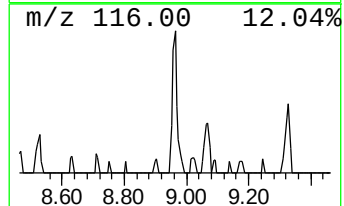
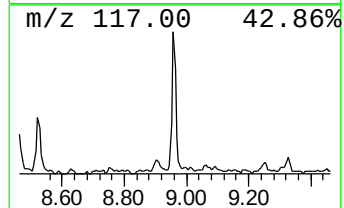
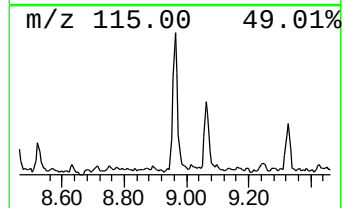
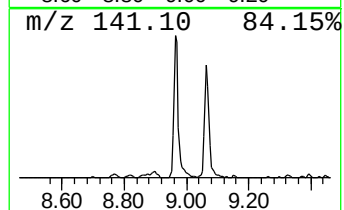
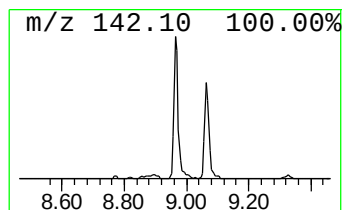
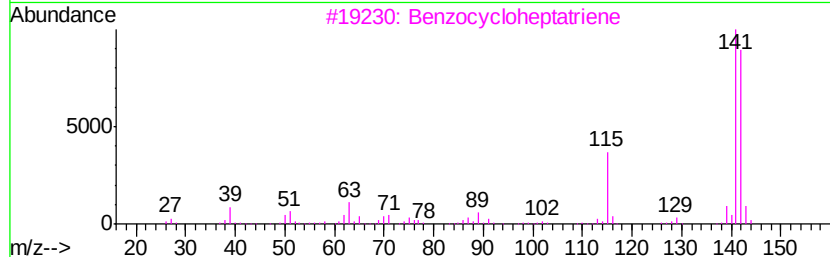
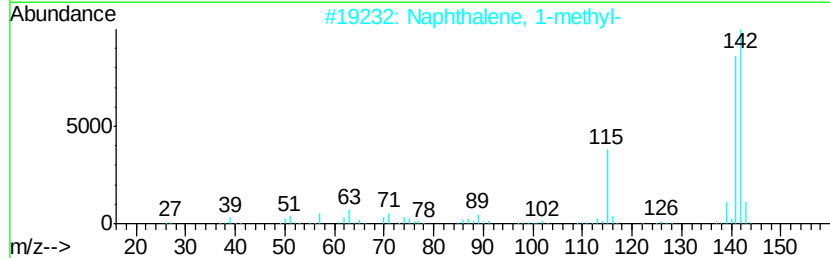
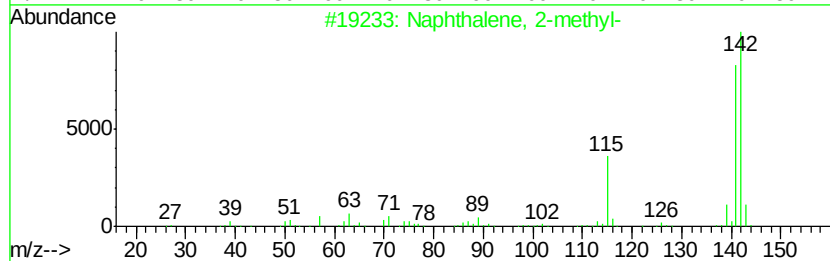
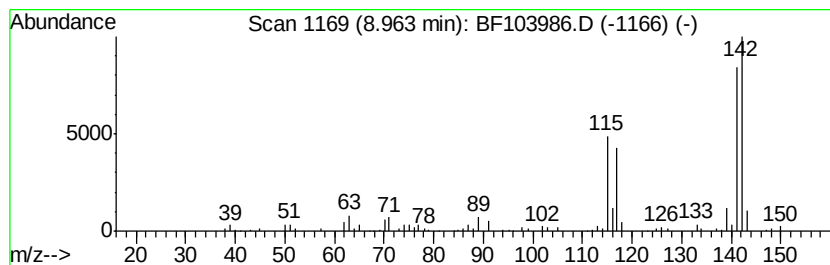
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.38 ng	145076	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	74
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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Sample : J2071-04
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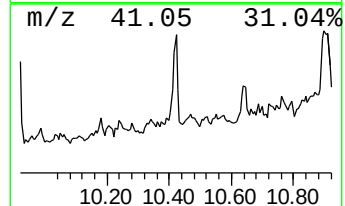
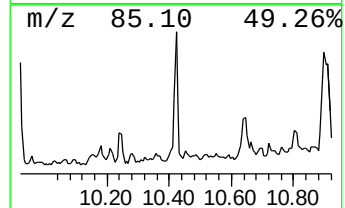
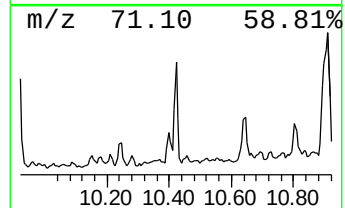
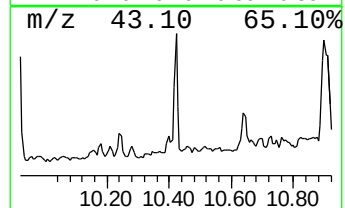
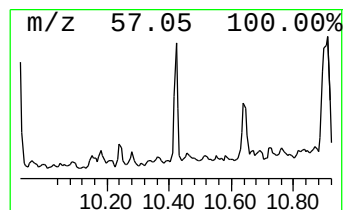
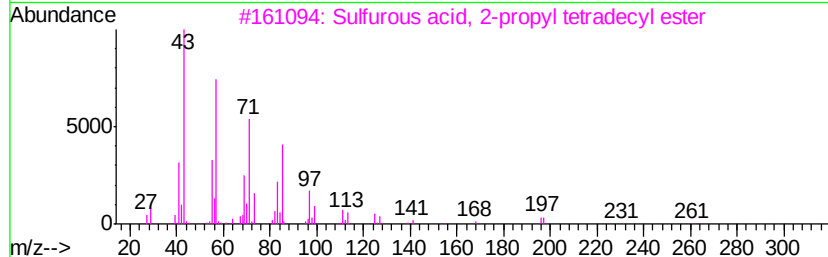
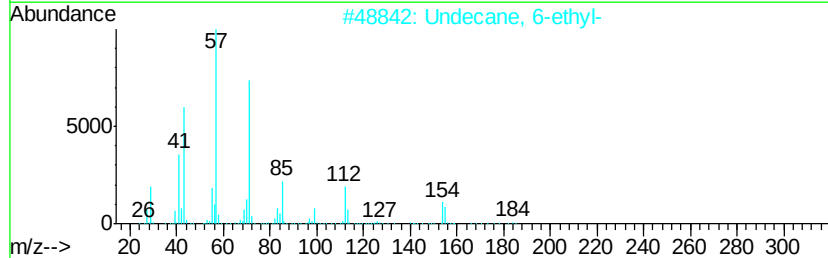
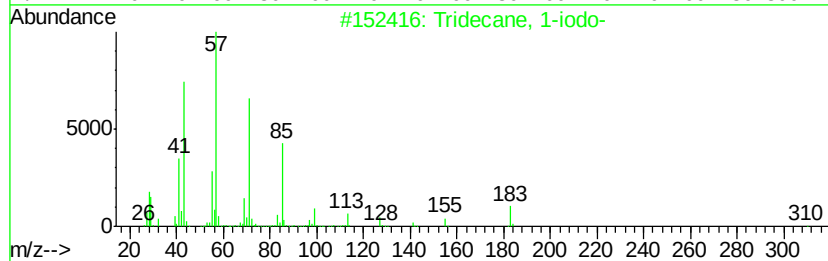
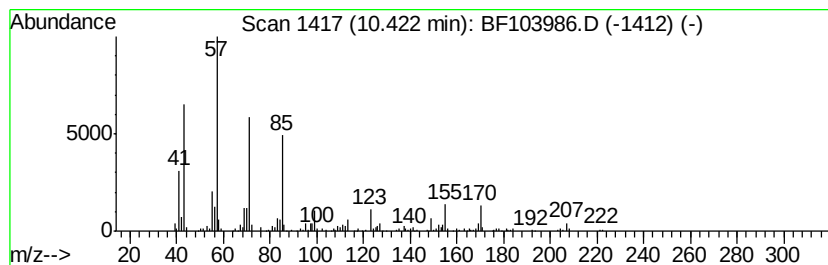
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	4.87 ng	242208	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	60
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	58
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
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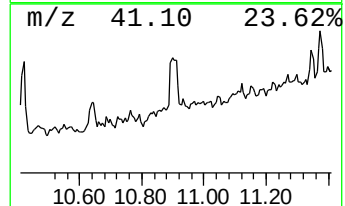
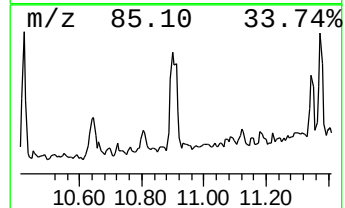
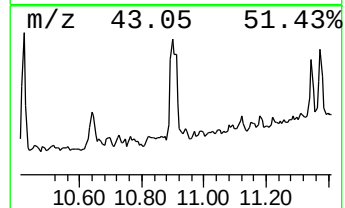
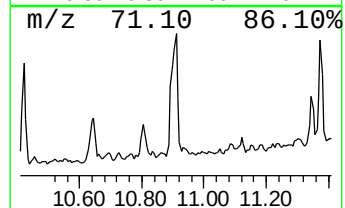
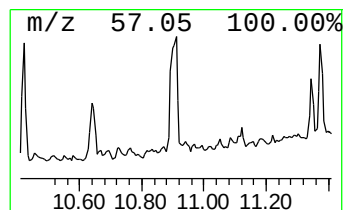
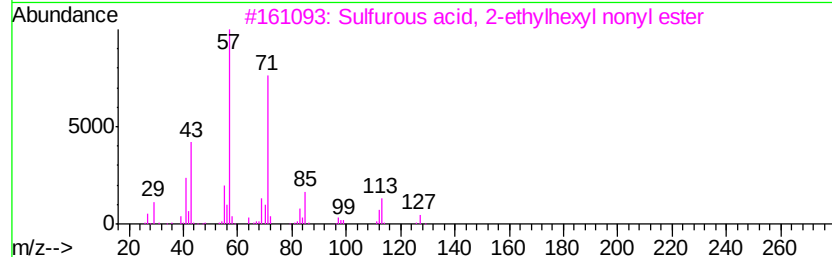
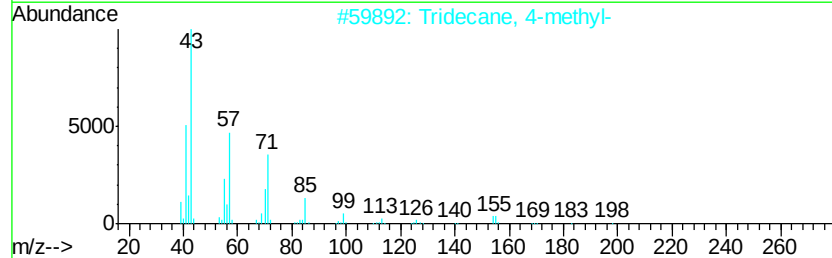
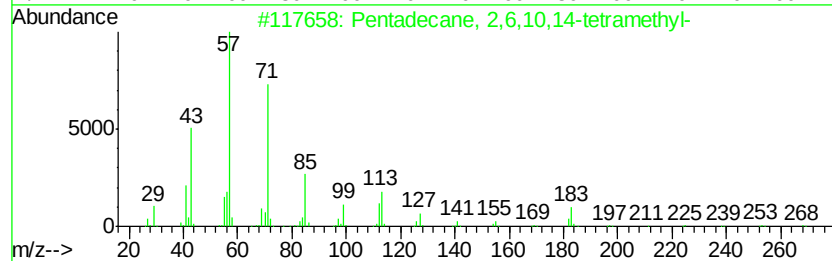
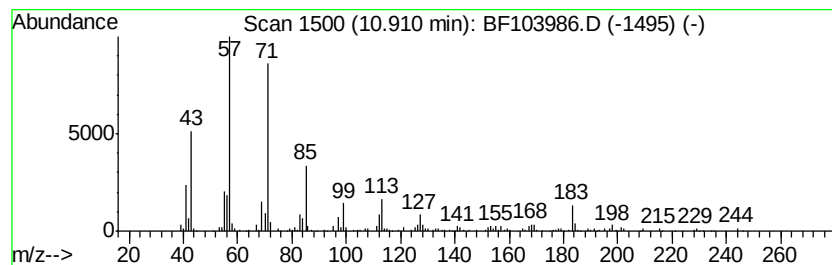
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	6.22 ng	297107	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
3		Sulfurous acid, 2-ethylhexyl nonyl...	320	C17H36O3S	1000309-19-2	68
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

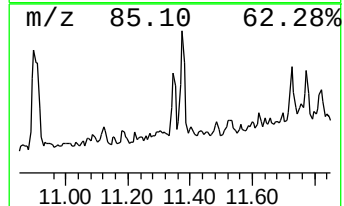
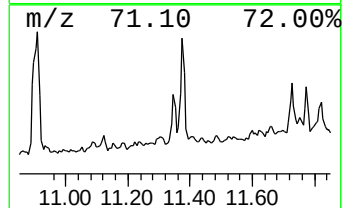
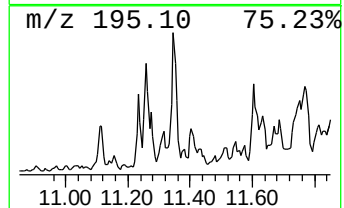
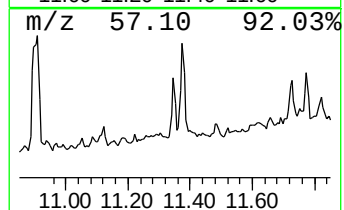
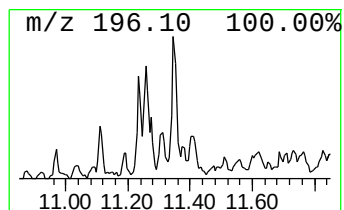
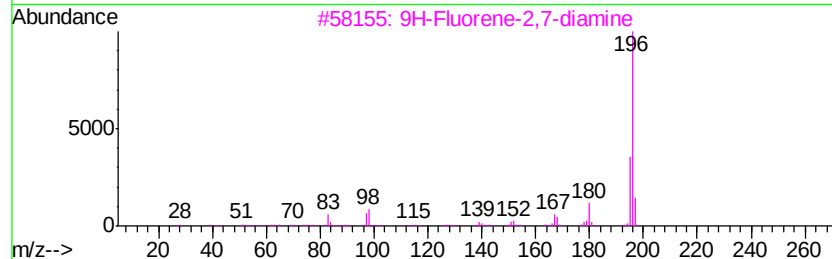
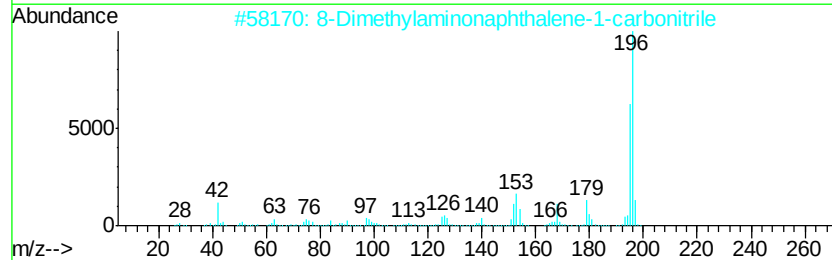
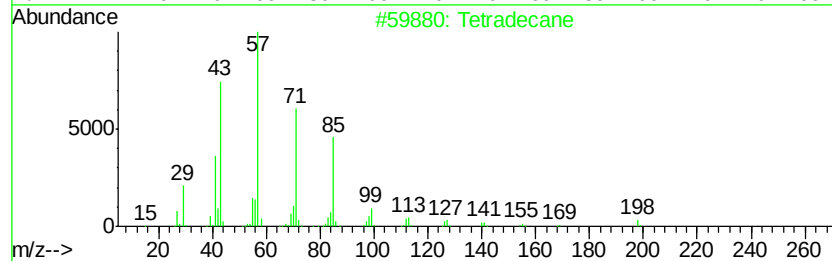
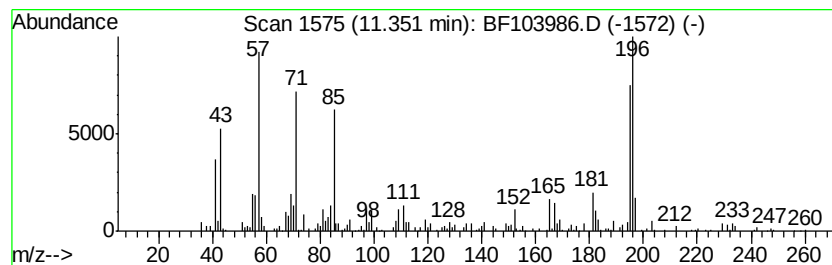
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ClientSampleId :
TP-1-MH-D-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.35	2.53 ng	120951	Phenanthrene-d10	11.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43
3	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	43
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
5	Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-MH-D-D

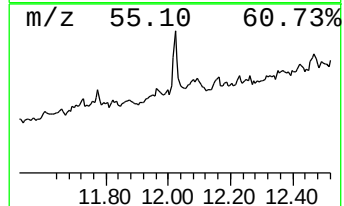
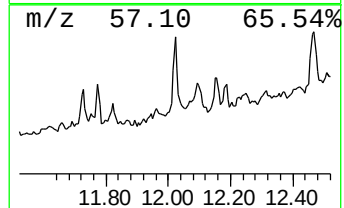
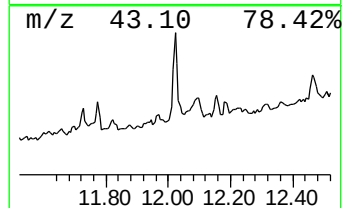
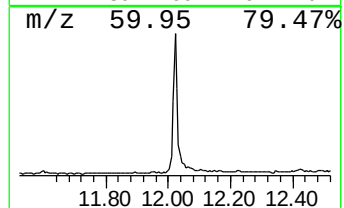
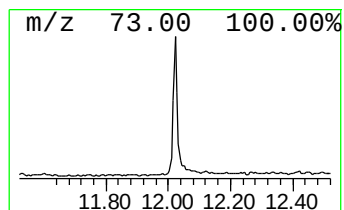
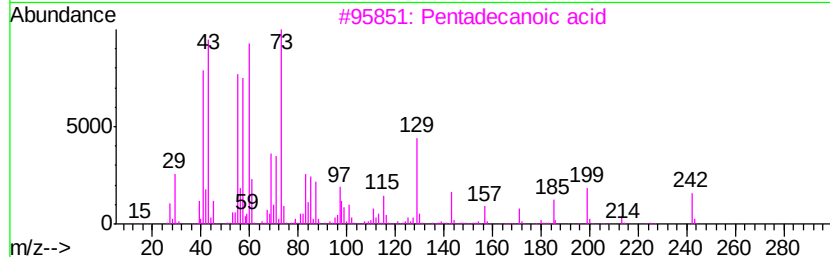
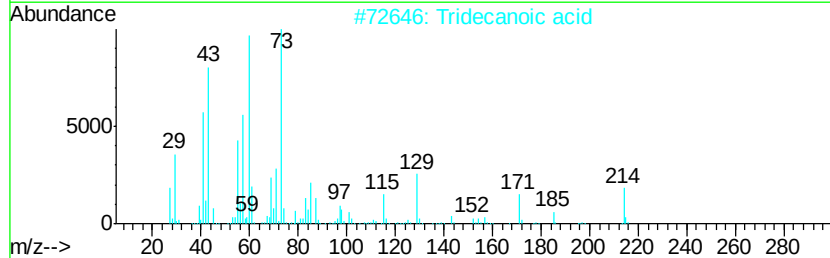
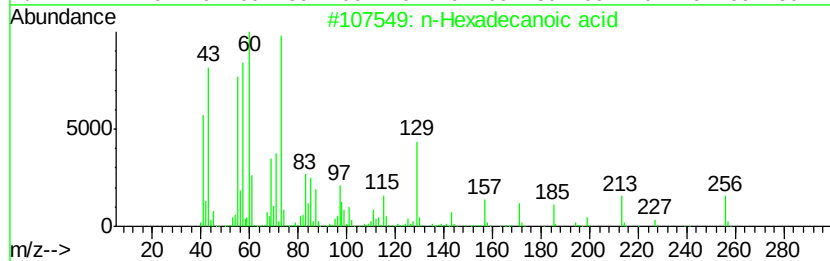
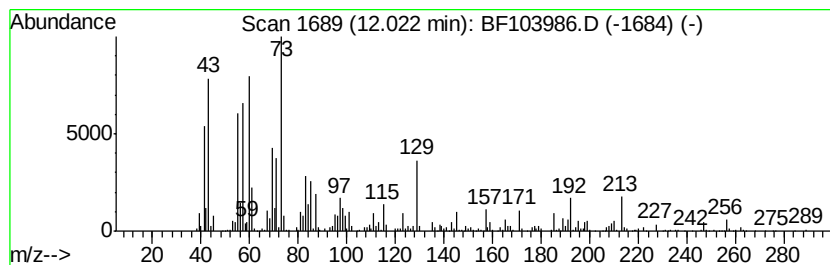
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	14.90 ng	711851	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Dodecanoic acid	200	C12H24O2	000143-07-7	68
5		Octadecanoic acid	284	C18H36O2	000057-11-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-MH-D-D

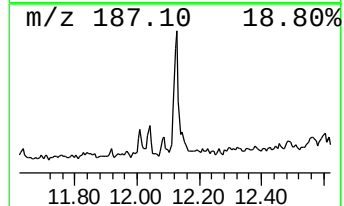
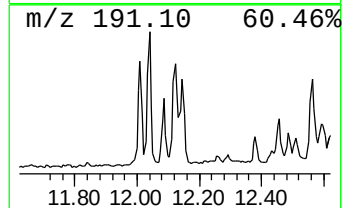
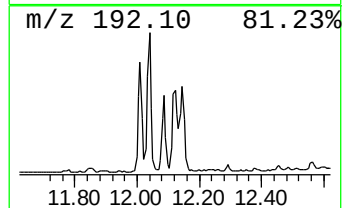
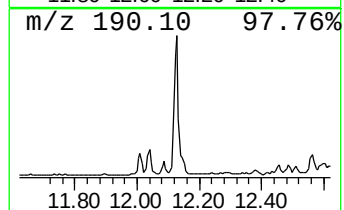
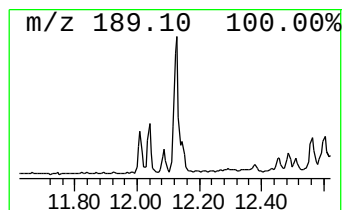
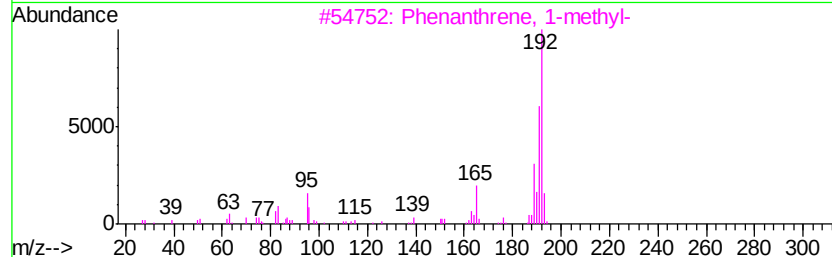
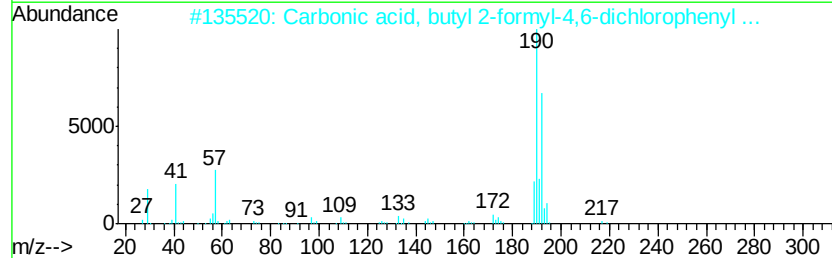
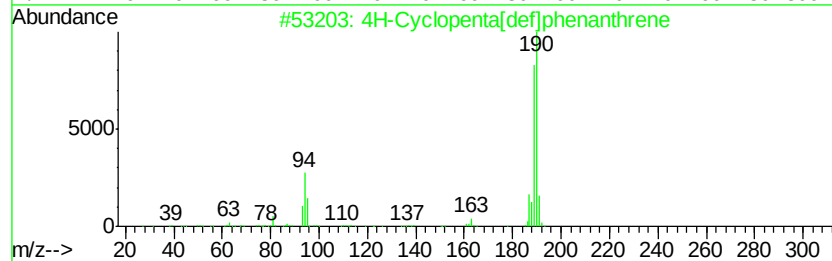
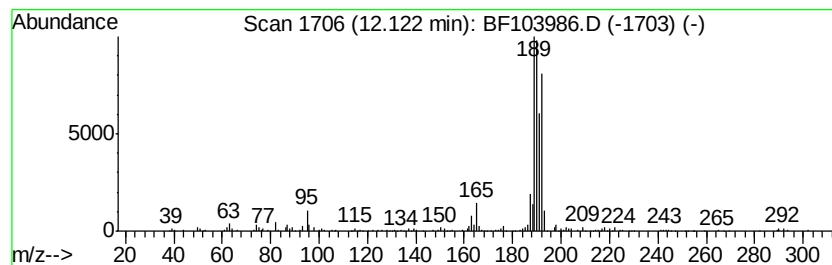
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.98 ng	333553	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	47
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	41
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-MH-D-D

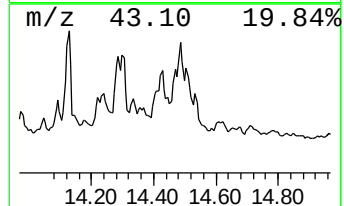
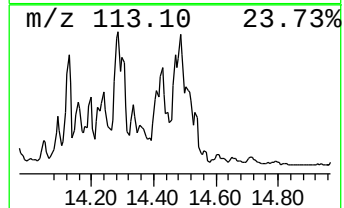
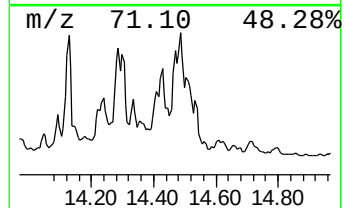
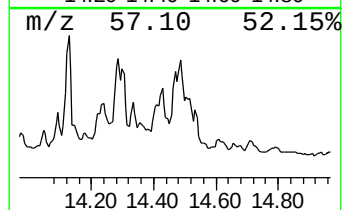
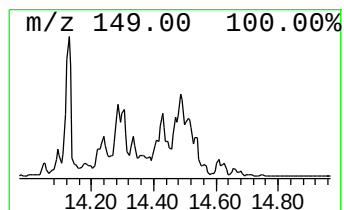
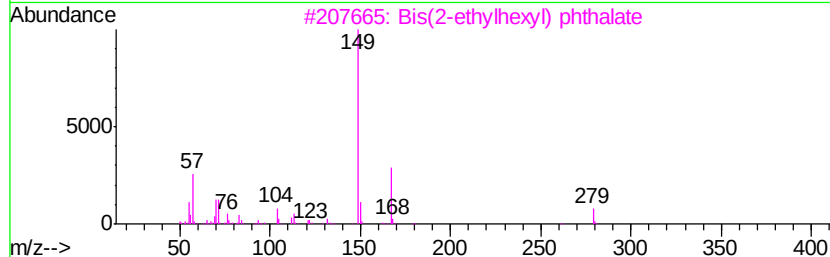
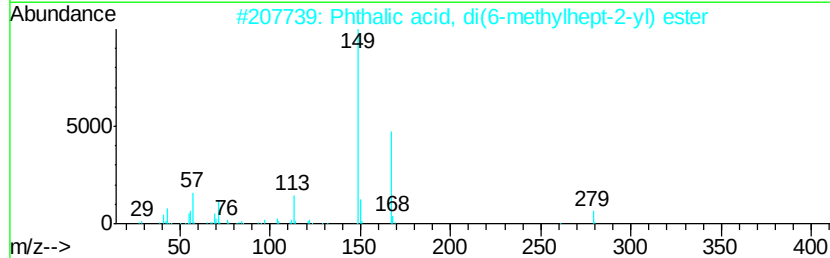
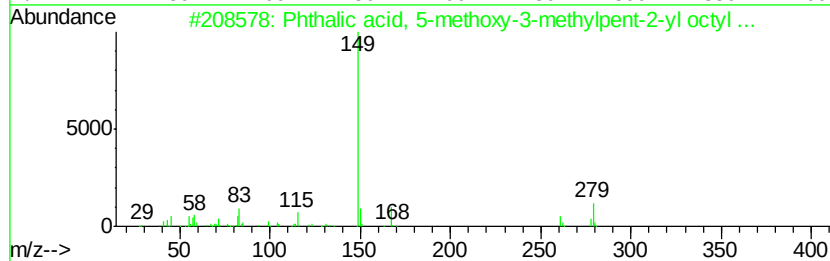
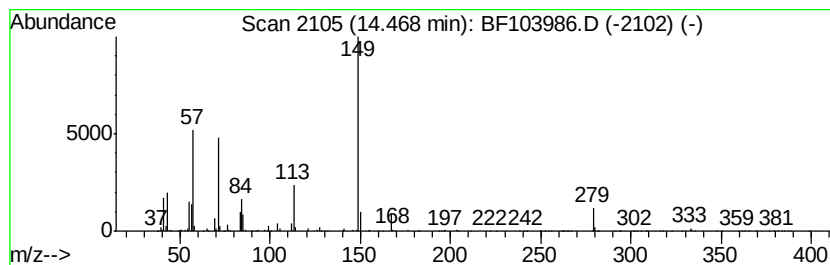
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phthalic acid, 5-methoxy-3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.56 ng	782043	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 5-methoxy-3-methy...	392	C23H36O5	1000315-38-0	50
2		Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	50
3		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	50
4		Phthalic acid, 6-methylhept-2-yl...	390	C24H38O4	1000377-96-2	47
5		1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
 Data File : BF103986.D
 Acq On : 27 Mar 2018 22:32
 Operator : JU/SJ
 Sample : J2071-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	3.4	ng	131406	1	6.97	782789	20.0
2-Pentanone, 4-hy...	5.22	3.1	ng	123443	1	6.97	782789	20.0
Benzene, 1-ethyl-...	6.49	2.7	ng	105612	1	6.97	782789	20.0
unknown6.75	6.75	76.0	ng	2973560	1	6.97	782789	20.0
Mesitylene	6.79	5.8	ng	226274	1	6.97	782789	20.0
unknown7.23	7.23	2.8	ng	108047	1	6.97	782789	20.0
Benzene, 1,4-diet...	7.28	2.9	ng	114280	1	6.97	782789	20.0
Benzenemethanethi...	7.82	3.0	ng	184244	2	8.25	1217000	20.0
Naphthalene, 1-me...	8.96	2.4	ng	145076	2	8.25	1217000	20.0
Tridecane, 1-iodo-	10.42	4.9	ng	242208	3	10.01	993685	20.0
Pentadecane, 2,6,...	10.91	6.2	ng	297107	4	11.51	955620	20.0
Tetradecane	11.35	2.5	ng	120951	4	11.51	955620	20.0
n-Hexadecanoic acid	12.02	14.9	ng	711851	4	11.51	955620	20.0
4H-Cyclopenta[def...	12.12	7.0	ng	333553	4	11.51	955620	20.0
Phthalic acid, 5-...	14.47	5.6	ng	782043	5	14.17	2815500	20.0