

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005594.D
 Acq On : 10 May 2019 18:30
 Operator : JU/SJ
 Sample : K2603-06ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58ME

Manual Integrations
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mohammad
 5/13/2019 8:26:12 AM

Quant Time: May 10 23:19:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	140836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	581461	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	363257	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	748477	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	624884	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	595106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11153	3.82	ng/uL	0.00
5) Phenol-d5	6.77	99	242256	21.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	143357	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	211647	25.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	194245	22.47	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	109990	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	121088	33.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	217652	26.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	166041	19.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	763648	28.96	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	903344	27.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	102946	24.72	ng/ul	0.00
57) Fluorene-d10	15.22	176	636708	28.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	97481	28.96	ng/ul	0.01
70) Anthracene-d10	17.08	188	955665	30.46	ng/ul	0.00
78) Pyrene-d10	19.40	212	1072587	33.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	819986	31.53	ng/ul	0.01

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.01	142	83205	4.204	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	869102	32.110	ng/ul#	98
44) Dimethylphthalate	13.68	163	114503	4.358	ng/ul	98
47) Acenaphthylene	13.94	152	5492350	172.560	ng/ul	97
49) Acenaphthene	14.28	153	567325	26.109	ng/ul	99
53) Dibenzofuran	14.62	168	696661	22.268	ng/ul	97
58) Fluorene	15.28	166	4605019	188.637	ng/ul	97
69) Phenanthrene	17.03	178	19311876m	529.789	ng/ul	
71) Anthracene	17.12	178	2849270	76.730	ng/ul	99
74) Carbazole	17.39	167	53028	1.662	ng/ul#	82
76) Fluoranthene	19.06	202	9788857	242.105	ng/ul	98
79) Pyrene	19.43	202	12910720	320.888	ng/ul	99
82) Benzo(a)anthracene	21.20	228	4605787m	118.479	ng/ul	
84) Chrysene	21.26	228	4286880	118.820	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	2702071	80.773	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	980906m	30.702	ng/ul	
90) Benzo(a)pyrene	23.33	252	2046955m	65.099	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.62	276	1130183	32.510	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.62	278	379464m	12.862	ng/ul	
93) Benzo(g,h,i)perylene	26.28	276	1059174	36.847	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

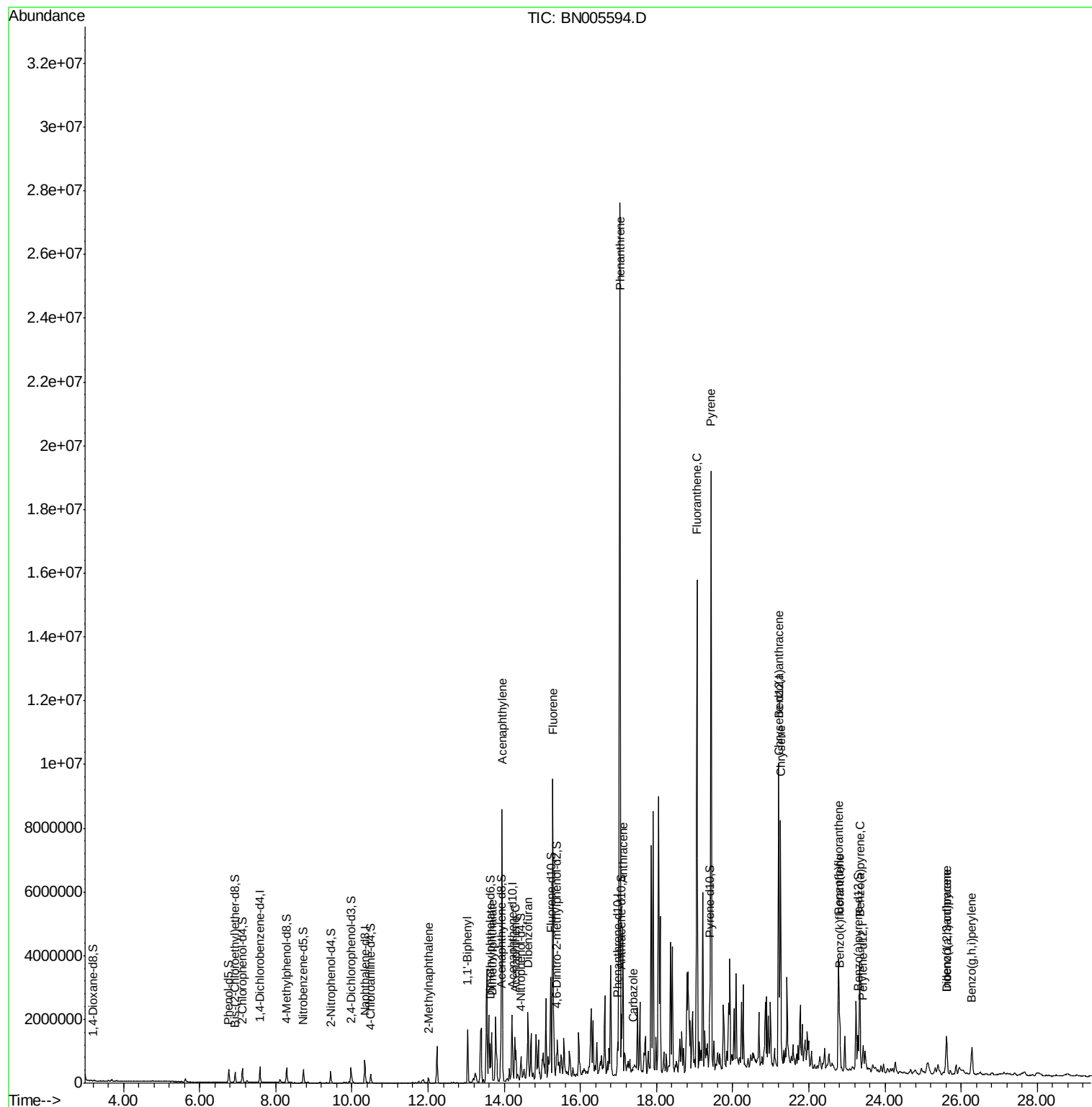
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

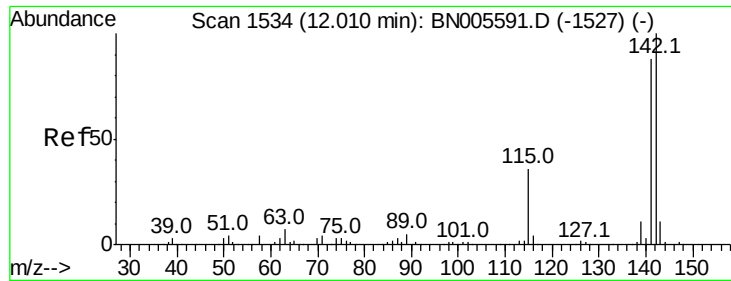
Instrument :
BNA_N
ClientSampleId :
GAJ58ME

Quant Time: May 10 23:19:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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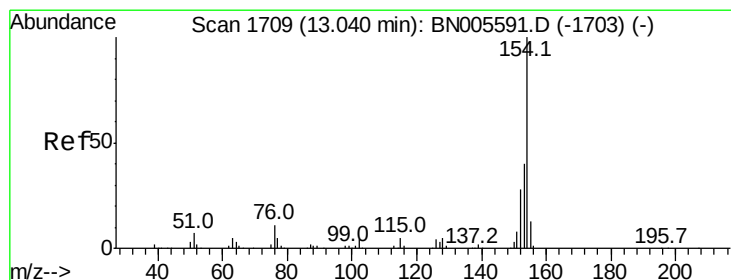
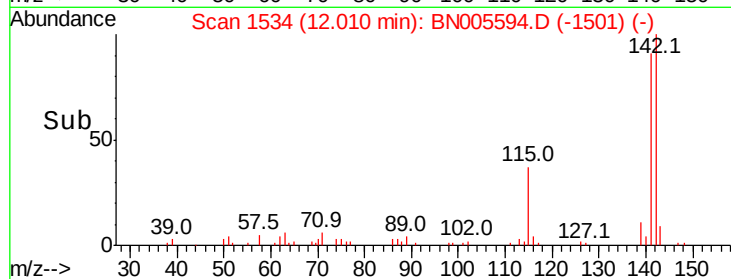
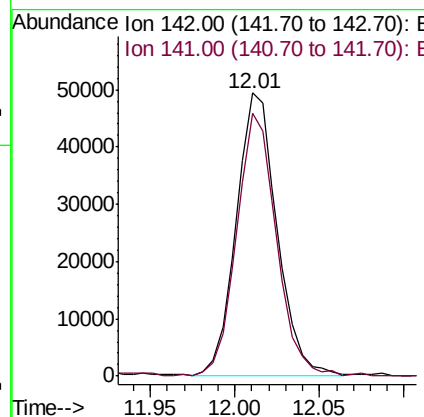
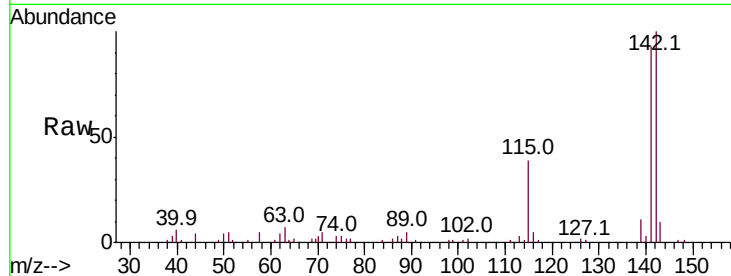
#34
 2-Methylnaphthalene
 Concen: 4.204 ng/ul
 RT: 12.01 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BN005594.D
 Acq: 10 May 2019 18:30

Instrument :
 BNA_N
 ClientSampled :
 GAJ58ME

Tot Ion:142 Resp: 83205
 Ion Ratio Lower Upper
 142 100
 141 92.8 72.0 108.0

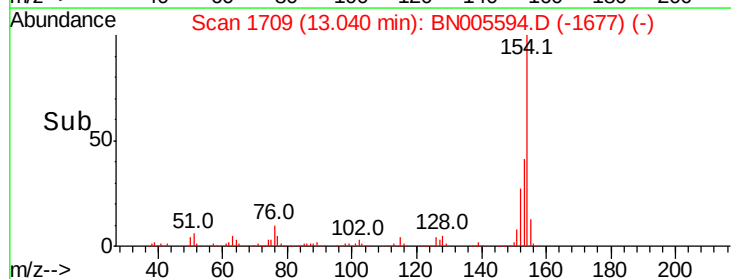
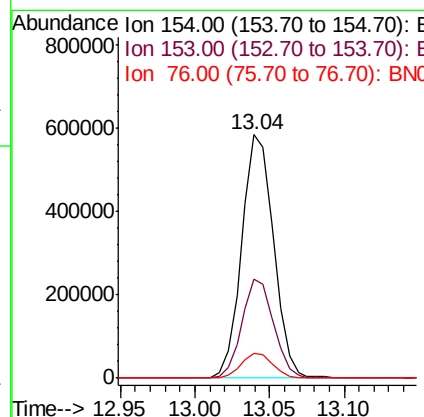
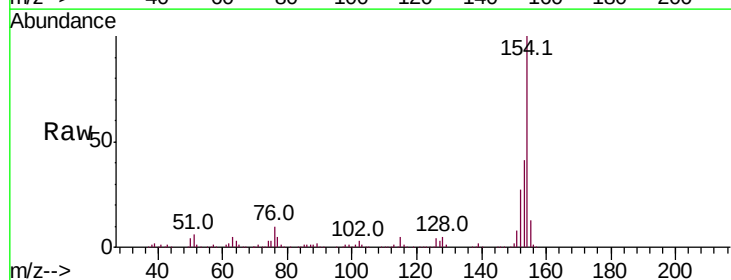
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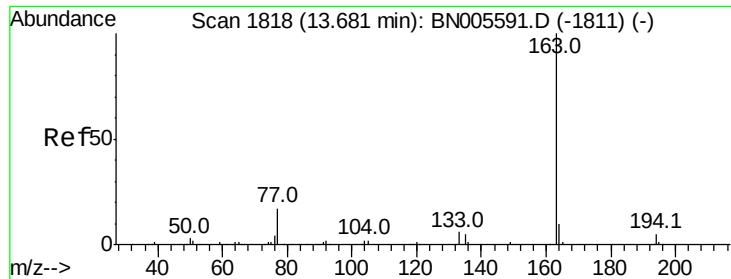
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#40
 1,1'-Biphenyl
 Concen: 32.110 ng/ul
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BN005594.D
 Acq: 10 May 2019 18:30

Tgt Ion:154 Resp: 869102
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.6 49.0
 76 10.2 10.4 15.6#





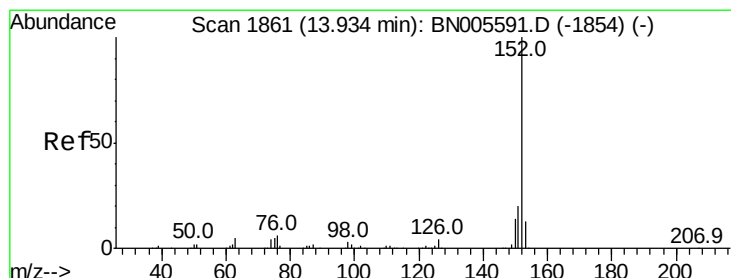
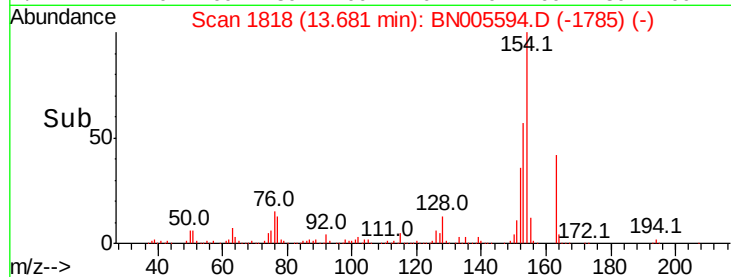
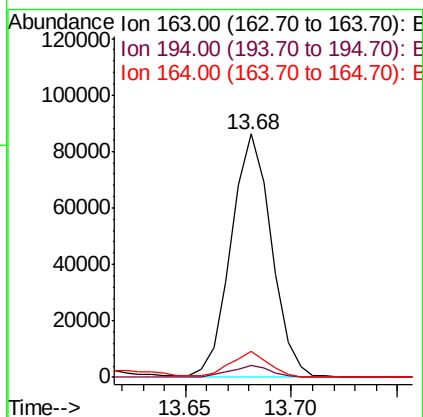
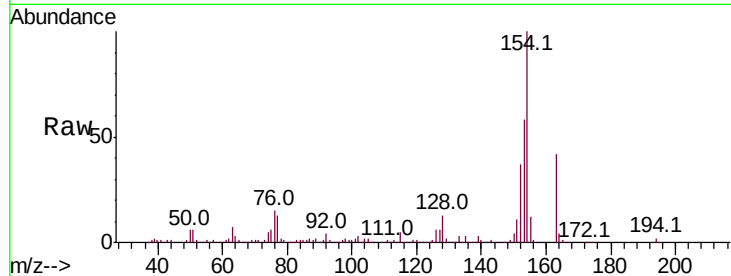
#44
Dimethylphthalate
Concen: 4.358 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BN005594.D
Acq: 10 May 2019 18:30

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

Tot Ion	Ratio	Resp	Lower	Upper
163	100	114503		
194	4.8	3.4	5.0	
164	10.6	8.1	12.1	

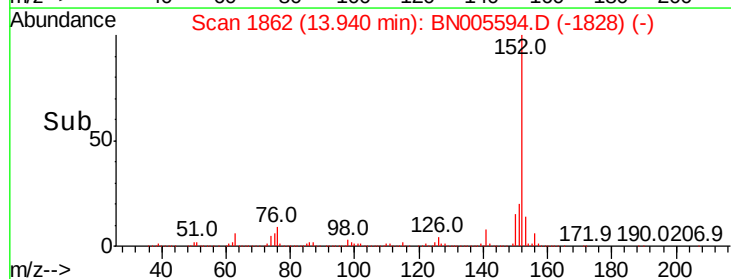
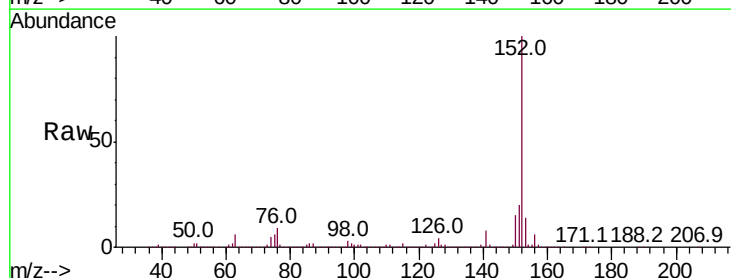
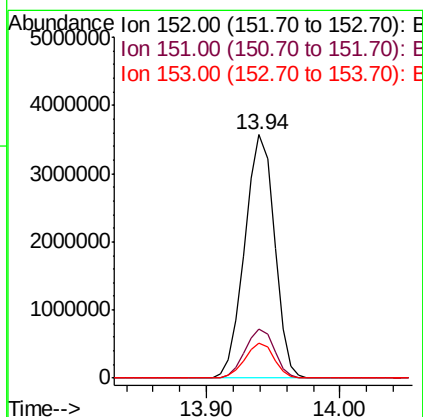
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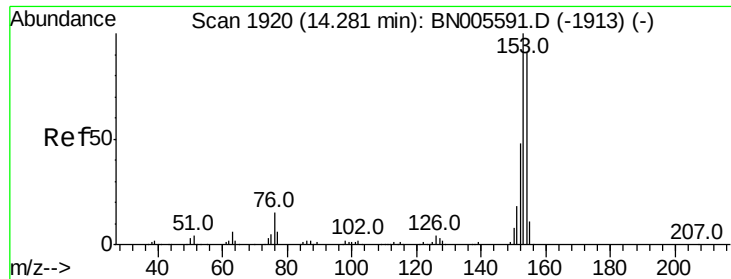
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#47
Acenaphthylene
Concen: 172.560 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN005594.D
Acq: 10 May 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	5492350		
151	20.4	15.8	23.8	
153	14.5	9.8	14.8	





#49

Acenaphthene

Concen: 26.109 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Instrument :

BNA_N

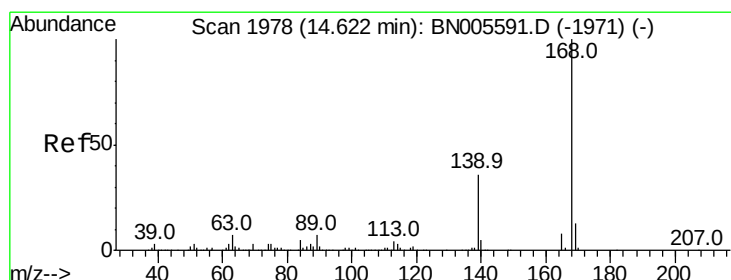
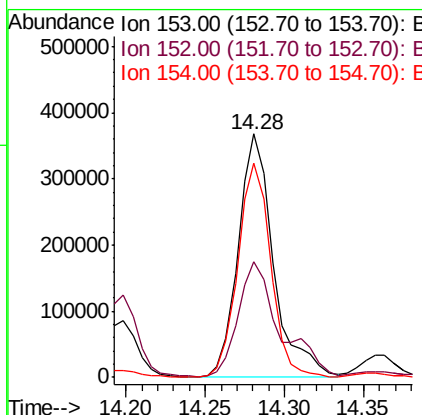
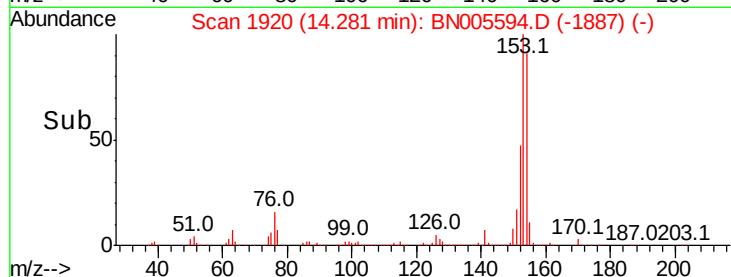
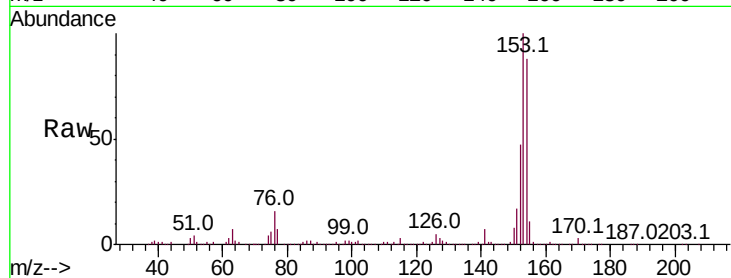
ClientSampleId :

GAJ58ME

Tot Ion:	153	Resp:	567325
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.4	56.0
154	87.8	71.2	106.8

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#53

Dibenzofuran

Concen: 22.268 ng/ul

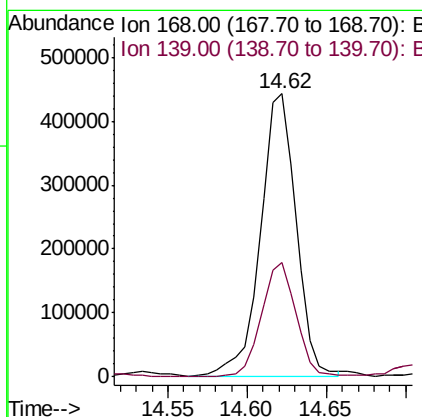
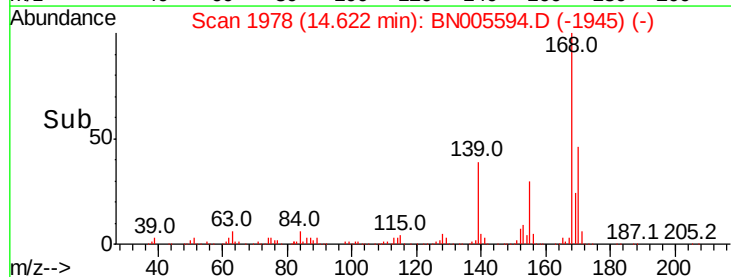
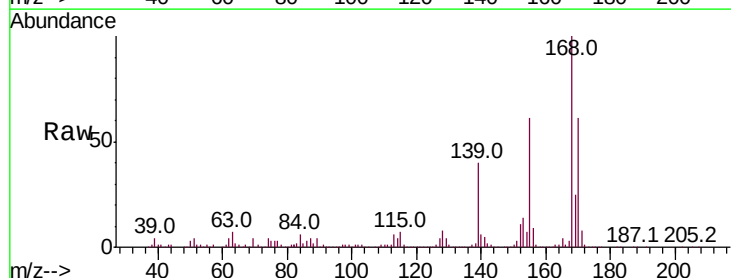
RT: 14.62 min Scan# 1978

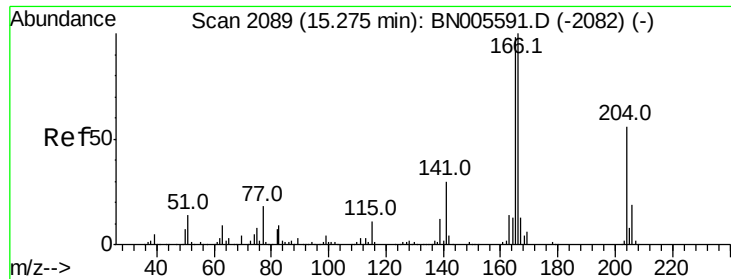
Delta R.T. -0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Tgt Ion:	168	Resp:	696661
Ion Ratio	Lower	Upper	
168	100		
139	40.5	30.9	46.3





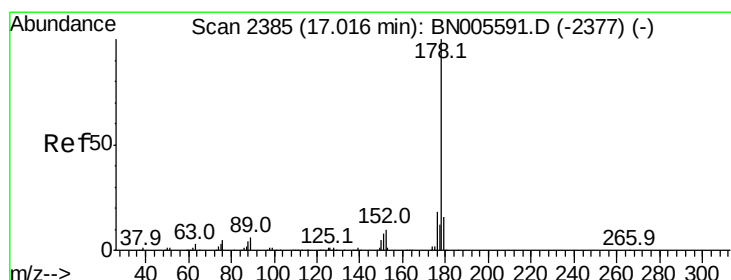
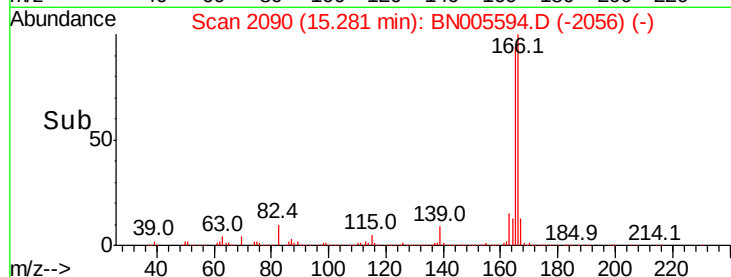
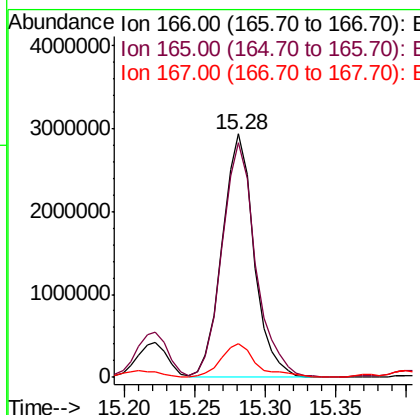
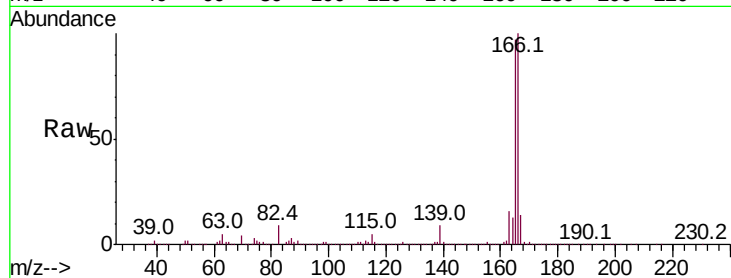
#58
 Fluorene
 Concen: 188.637 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BN005594.D
 Acq: 10 May 2019 18:30

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58ME

Tot Ion:166 Resp: 4605019
 Ion Ratio Lower Upper
 166 100
 165 96.5 80.0 120.0
 167 13.6 10.7 16.1

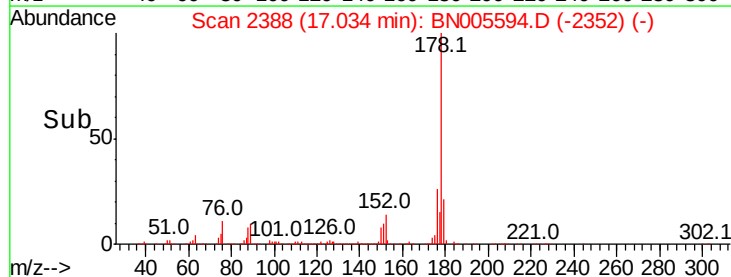
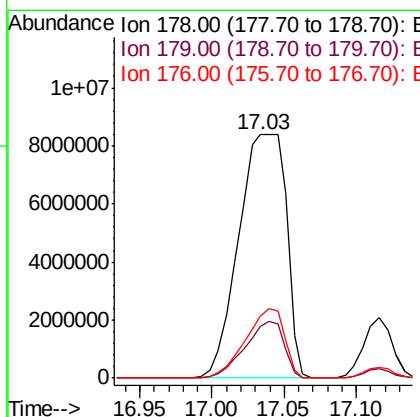
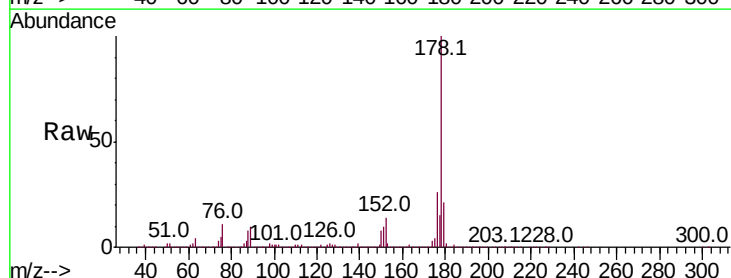
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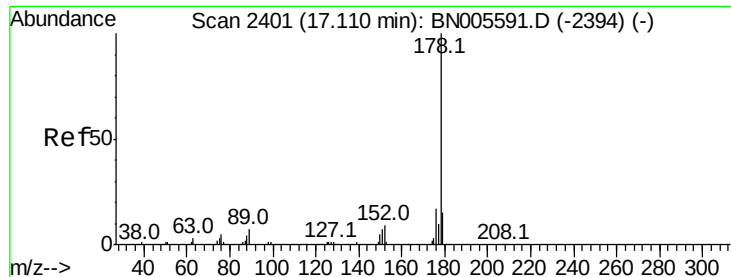
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#69
 Phenanthrene
 Concen: 529.789 ng/ul m
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BN005594.D
 Acq: 10 May 2019 18:30

Tgt Ion:178 Resp:19311876
 Ion Ratio Lower Upper
 178 100
 179 21.3 12.2 18.4#
 176 25.6 15.1 22.7#





#71

Anthracene

Concen: 76.730 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

GAJ58ME

Tot Ion:178 Resp: 2849270

Ion Ratio Lower Upper

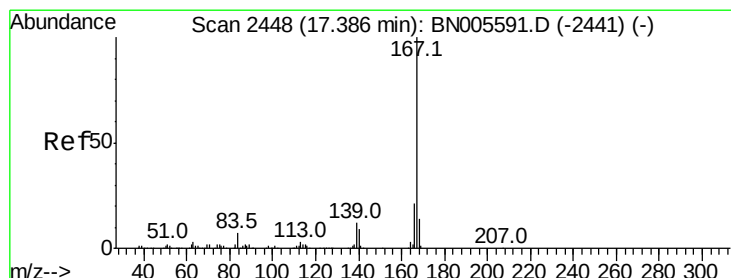
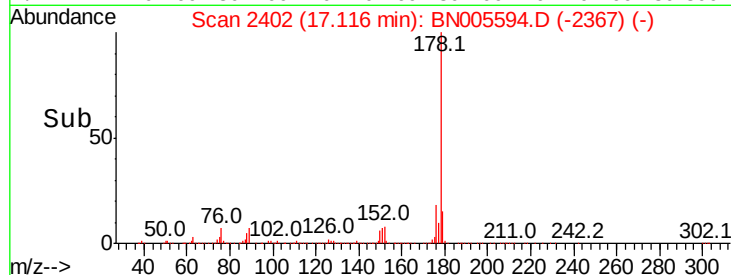
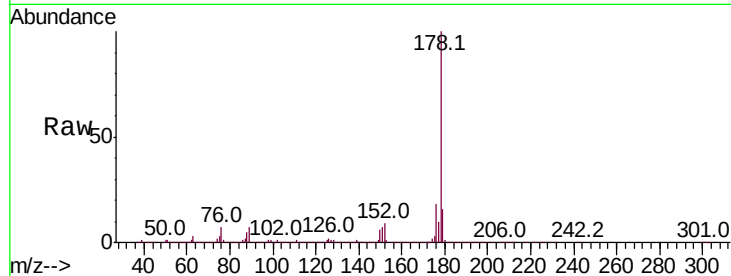
178 100

179 15.6 12.3 18.5

176 18.1 15.1 22.7

Manual Integrations
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#74

Carbazole

Concen: 1.662 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

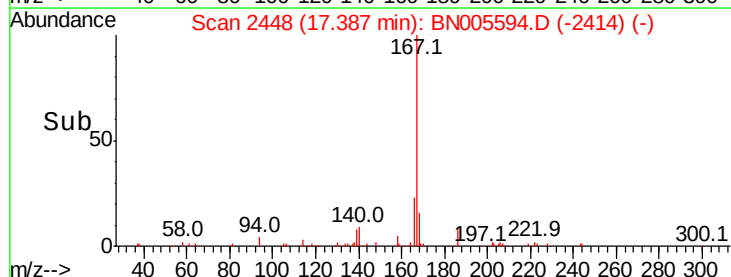
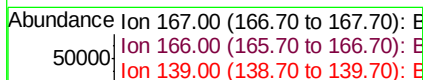
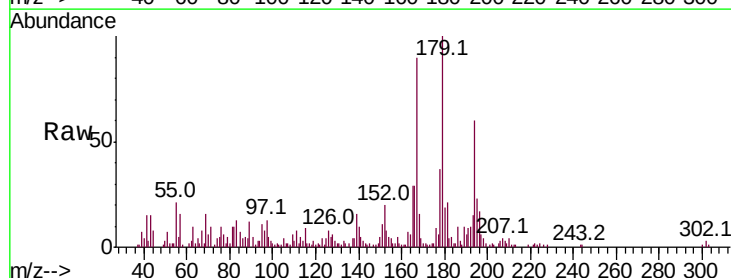
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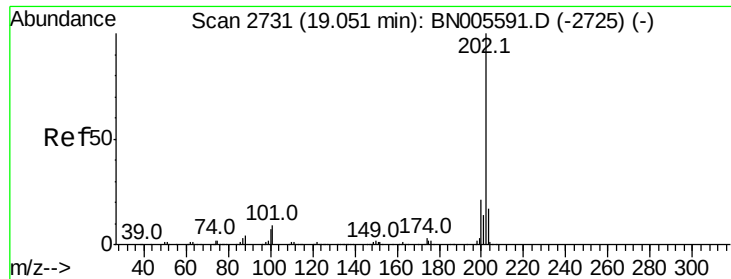
Ion Ratio Lower Upper

167 100

166 32.3 17.2 25.8#

139 17.6 10.6 16.0#





#76

Fluoranthene

Concen: 242.105 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Instrument :

BNA_N

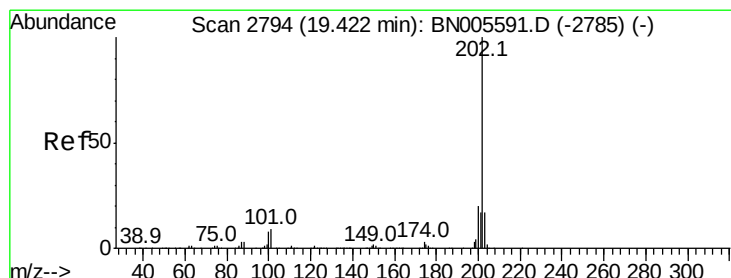
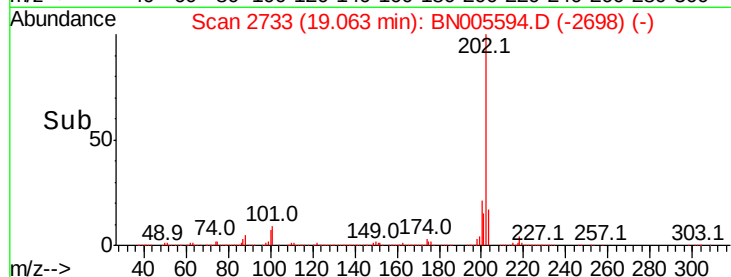
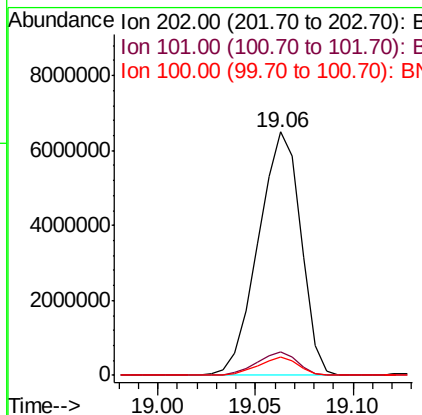
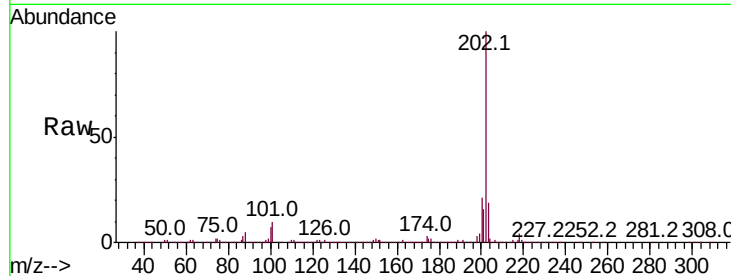
ClientSampleId :

GAJ58ME

Tot Ion:	202	Resp:	9788857
Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.6	12.8
100	7.4	6.3	9.5

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#79

Pyrene

Concen: 320.888 ng/ul

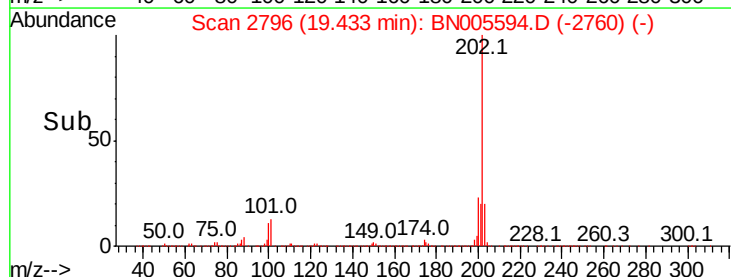
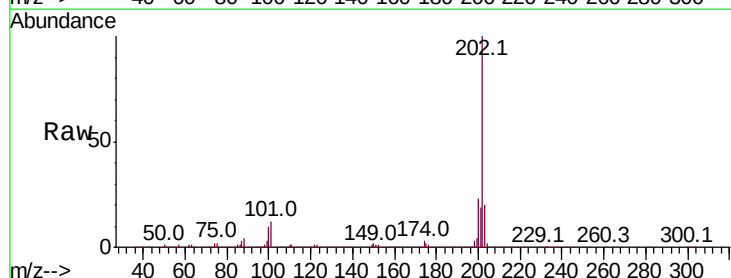
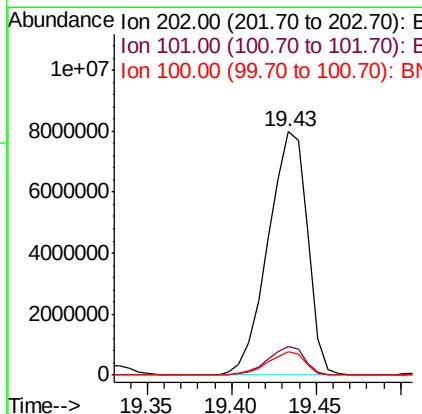
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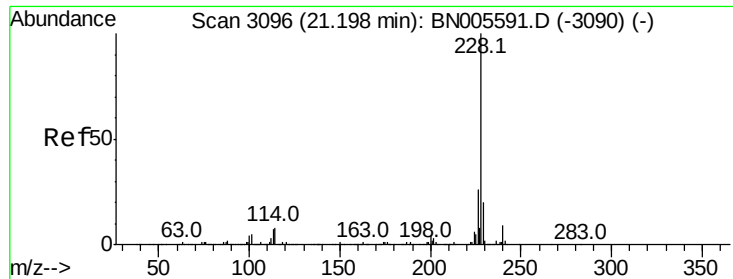
Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Tgt Ion:	202	Resp:	12910720
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.3	15.5
100	9.8	7.9	11.9





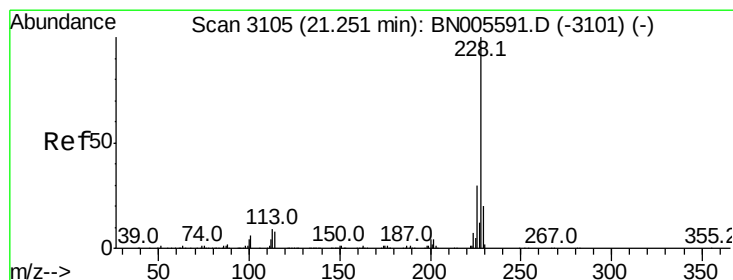
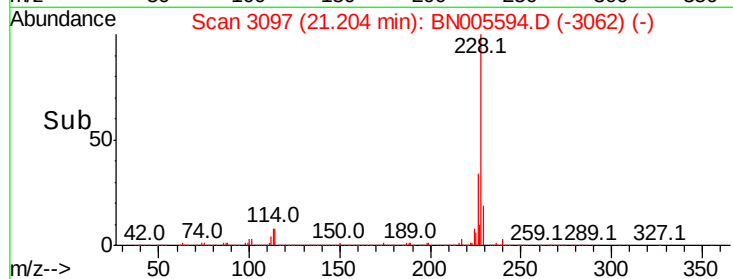
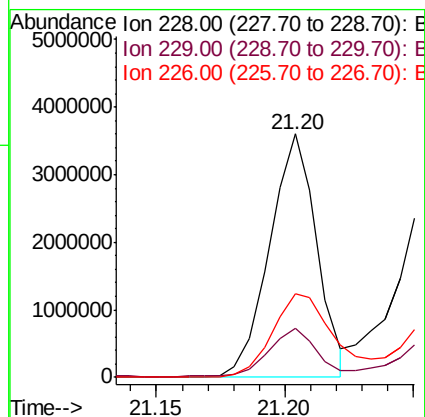
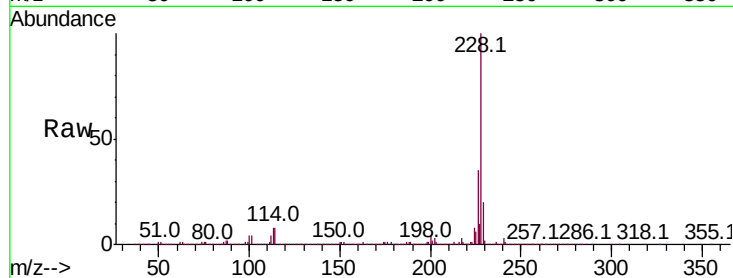
#82
Benzo(a)anthracene
Concen: 118.479 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN005594.D
Acq: 10 May 2019 18:30

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

Tot Ion:228 Resp: 4605787
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 34.5 21.4 32.2#

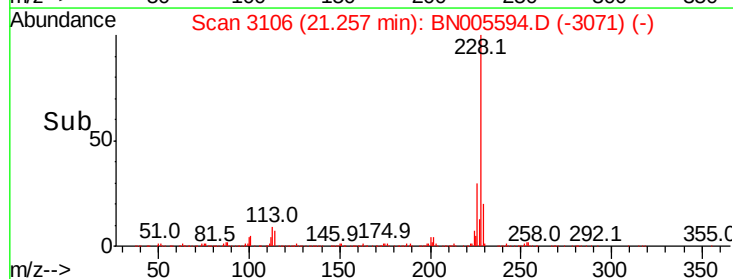
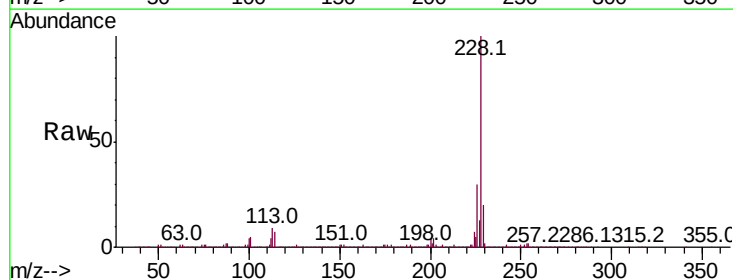
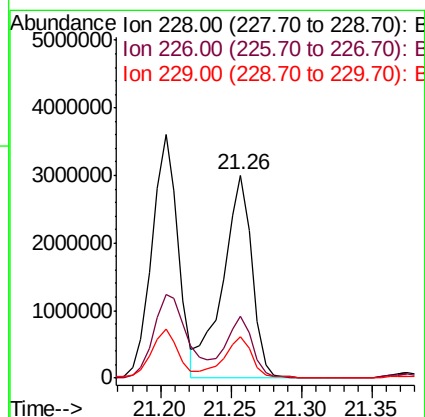
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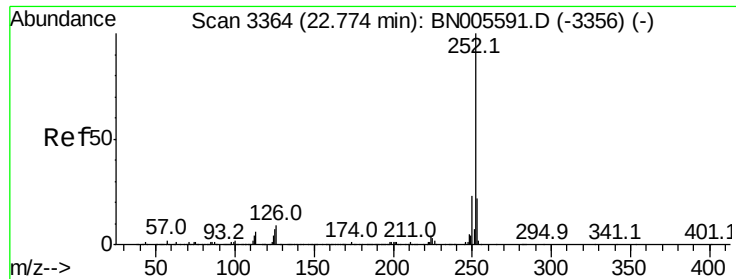
mohammad
5/13/2019 8:26:12 AM



#84
Chrysene
Concen: 118.820 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN005594.D
Acq: 10 May 2019 18:30

Tgt Ion:228 Resp: 4286880
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 20.1 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 80.773 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BN005594.D

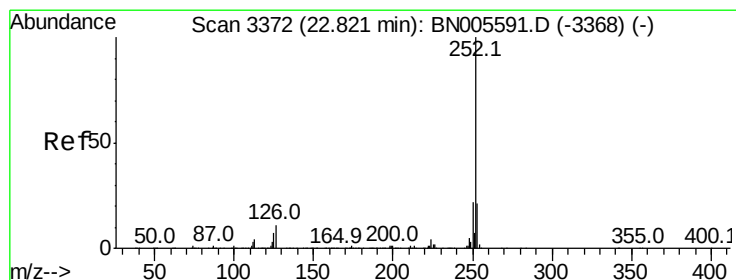
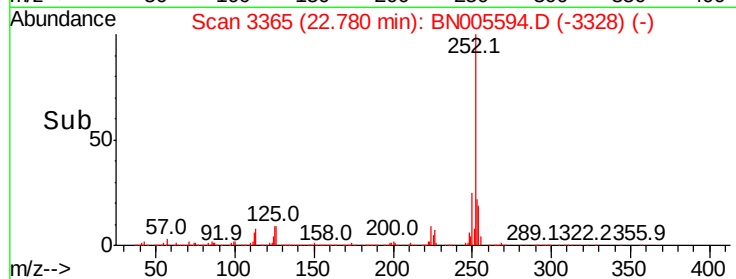
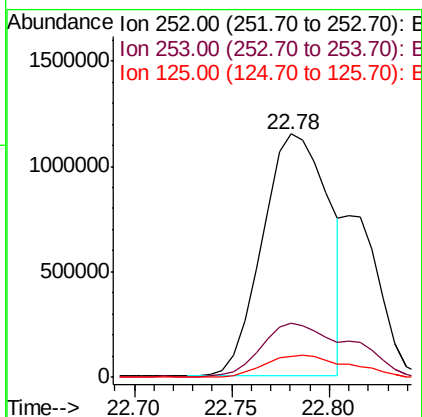
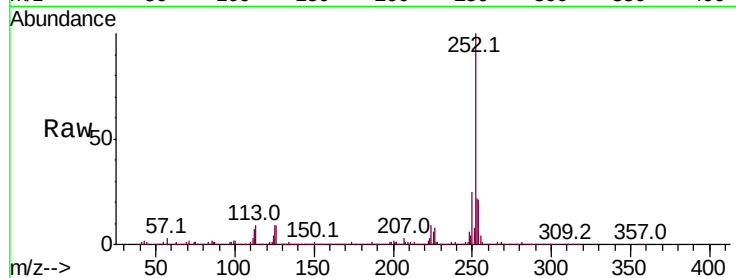
Acq: 10 May 2019 18:30

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.8	8.4	12.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 30.702 ng/ul m

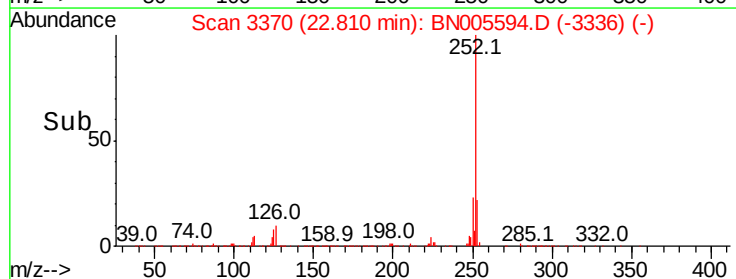
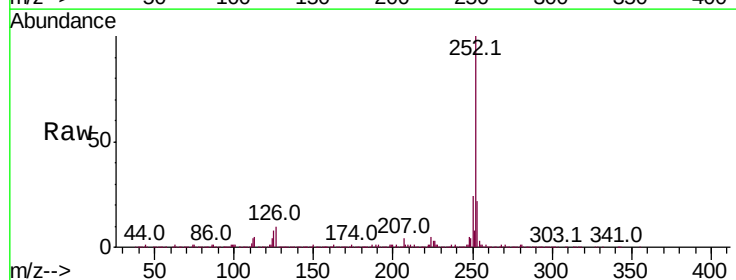
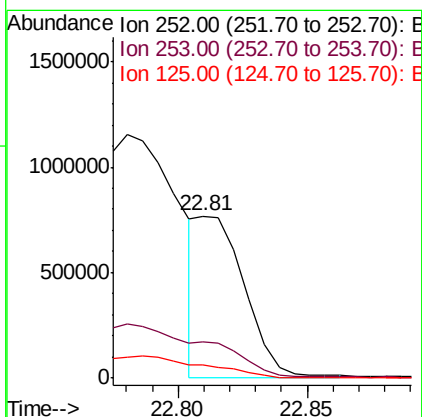
RT: 22.81 min Scan# 3370

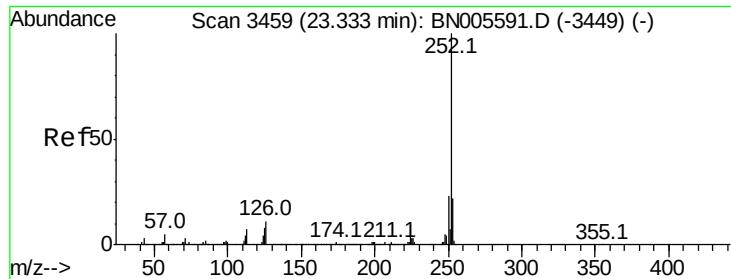
Delta R.T. 0.00 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.9	7.5	11.3





#90

Benzo(a)pyrene

Concen: 65.099 ng/ul m

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Instrument :

BNA_N

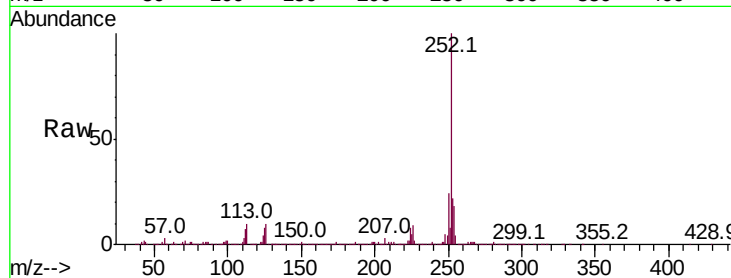
ClientSampleId :

GAJ58ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.4	8.6	13.0#

Manual Integrations
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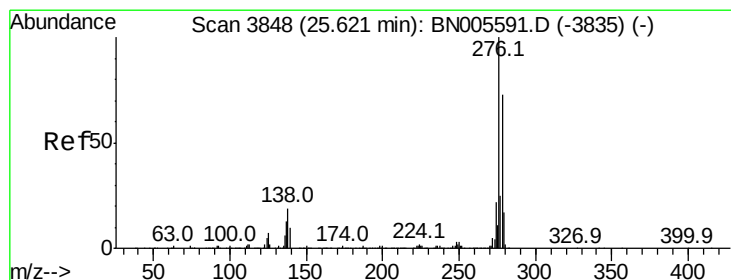
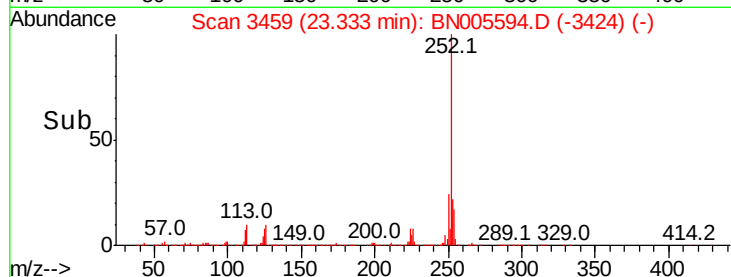
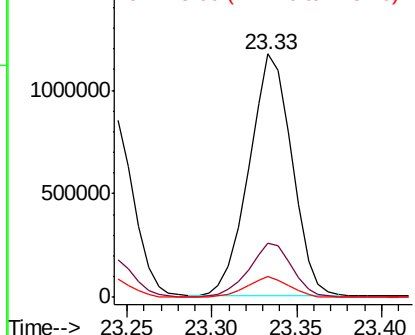


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 32.510 ng/ul

RT: 25.62 min Scan# 3847

Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

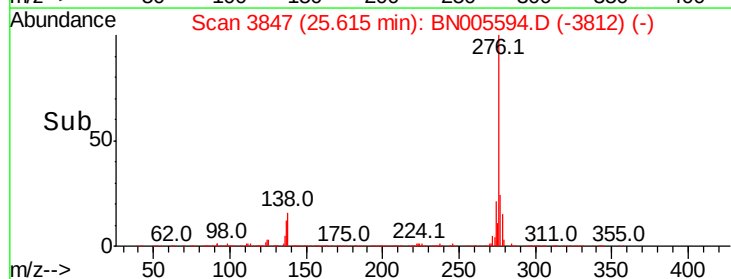
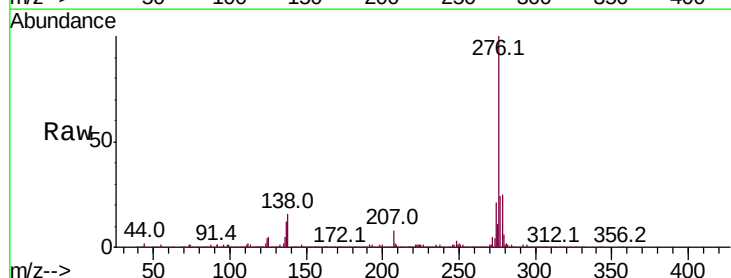
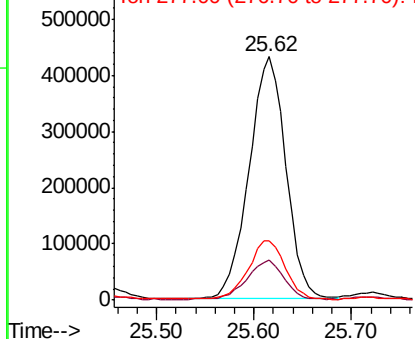
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	17.9	26.9#
277	24.3	19.7	29.5

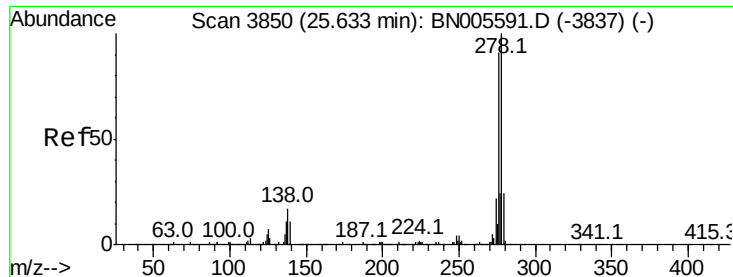
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 12.862 ng/ul m

RT: 25.62 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Instrument :

BNA_N

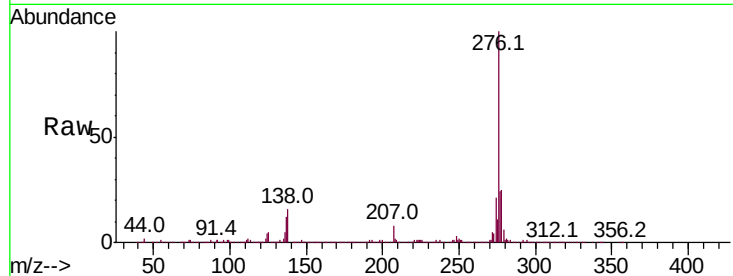
ClientSampleId :

GAJ58ME

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	23.2	19.4	29.0

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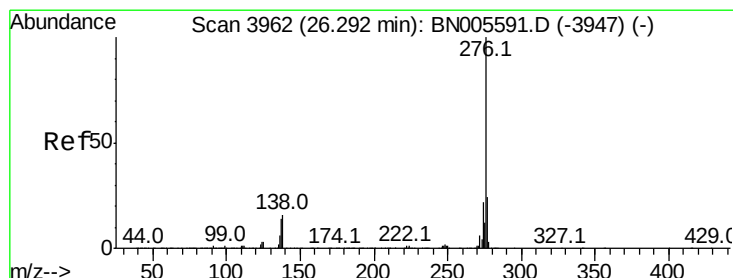
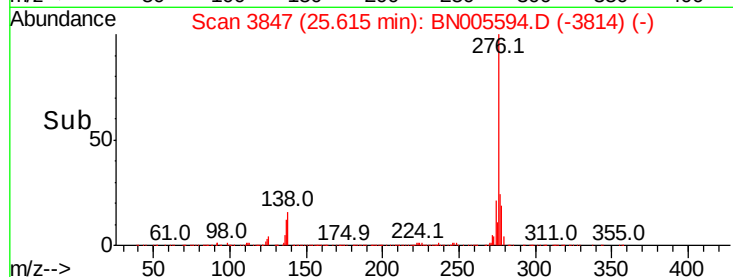
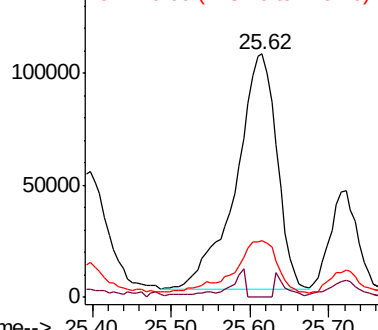


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 36.847 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BN005594.D

Acq: 10 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.7	25.1
277	24.0	18.2	27.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

