

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009616.D
 Acq On : 06 Feb 2020 19:11
 Operator : CG/JU
 Sample : L1323-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT42

Quant Time: Feb 06 21:09:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	152963	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.18	136	641078	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	391258	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	782852	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	664061	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	762211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	9205	2.47	ng/uL	0.00
5) Phenol-d5	6.63	99	192238	14.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	140219	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	152147	15.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	107802	10.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	74991	15.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	83498	15.69	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	150288	15.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	82762	7.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	503456	17.63	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	594295	17.22	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.31	143	72175	13.38	ng/ul	0.00
57) Fluorene-d10	15.07	176	437967	17.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	68903	14.09	ng/ul	0.00
70) Anthracene-d10	16.93	188	643638	18.09	ng/ul	0.00
78) Pyrene-d10	19.24	212	699814	20.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	671819	17.90	ng/ul	0.00

Target Compounds

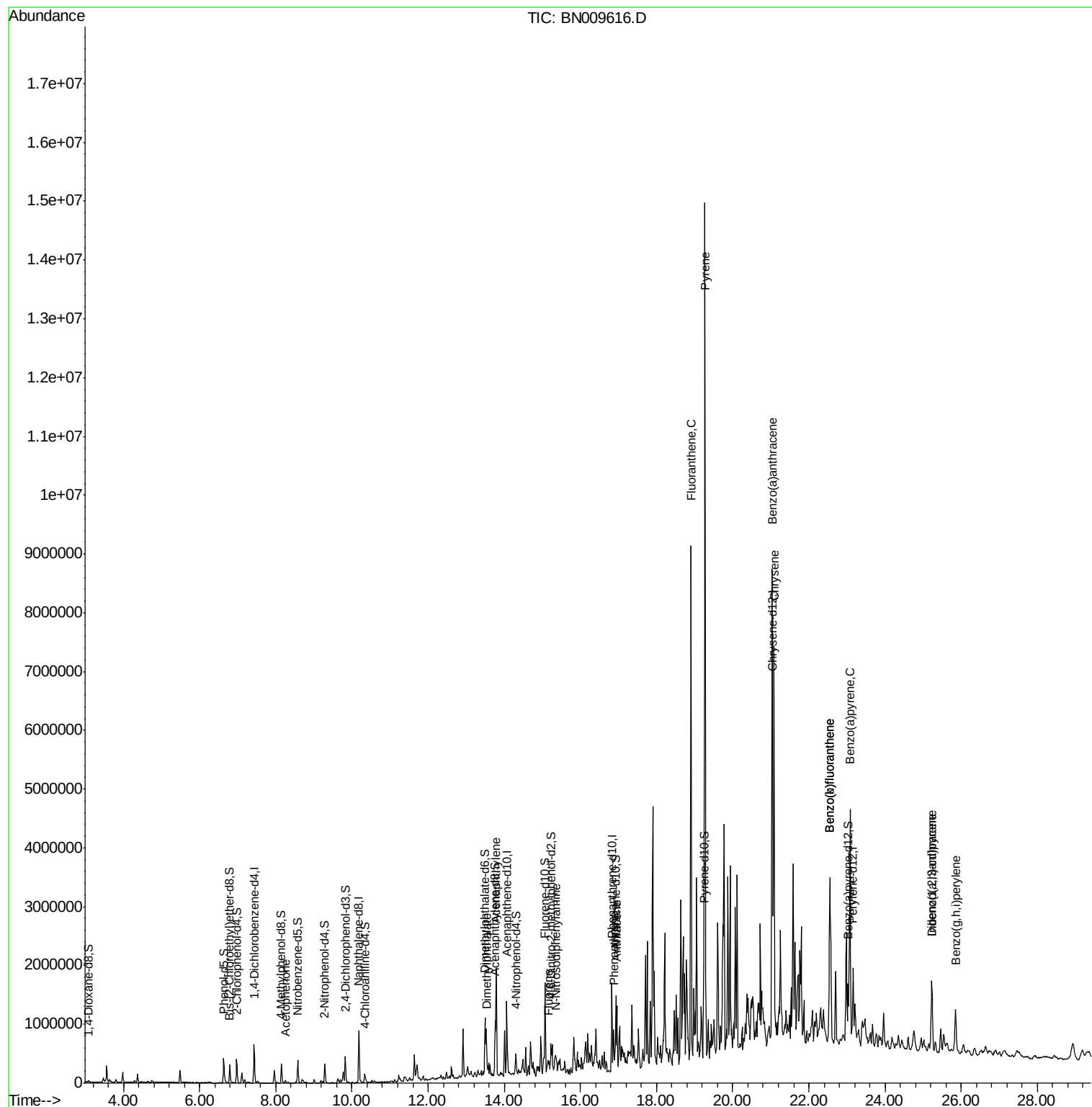
					Ovalue	
14) Acetophenone	8.26	105	18552	1.091	ng/ul	95
44) Dimethylphthalate	13.55	163	89219	2.943	ng/ul	99
47) Acenaphthylene	13.79	152	1187833	31.452	ng/ul	99
58) Fluorene	15.15	166	98280	3.289	ng/ul#	37
64) N-Nitrosodiphenylamine	15.35	169	41556	1.776	ng/ul#	76
69) Phenanthrene	16.87	178	396108	8.872	ng/ul	98
71) Anthracene	16.96	178	638724	14.100	ng/ul	98
76) Fluoranthene	18.90	202	4308454	84.555	ng/ul	98
79) Pyrene	19.27	202	8388561	173.044	ng/ul	96
82) Benzo(a)anthracene	21.03	228	3466501	75.605	ng/ul#	78
84) Chrysene	21.09	228	3207568	70.272	ng/ul	94
87) Benzo(b)fluoranthene	22.55	252	2114426	44.339	ng/ul	98
88) Benzo(k)fluoranthene	22.55	252	2114426	45.022	ng/ul	98
90) Benzo(a)pyrene	23.07	252	2164932	48.999	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.23	276	917566	17.468	ng/ul	95
92) Dibenzo(a,h)anthracene	25.23	278	349738	7.910	ng/ul#	95
93) Benzo(g,h,i)perylene	25.85	276	769513	17.479	ng/ul	96

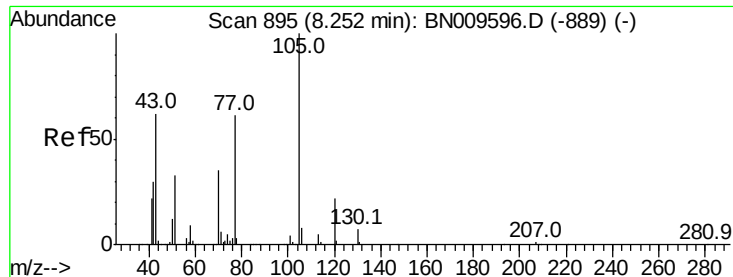
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#14

Acetophenone

Concen: 1.091 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. -0.00 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

BNA_N

ClientSampleId :

GAT42

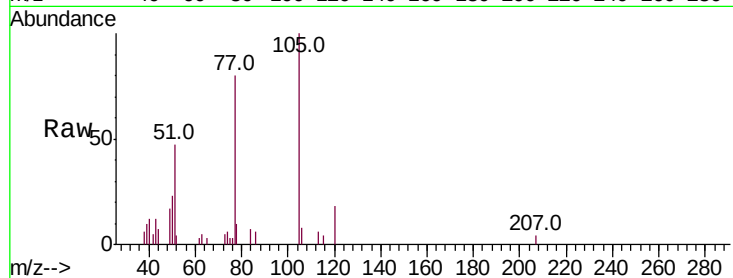
Tot Ion:105 Resp: 18552

Ion Ratio Lower Upper

105 100

77 80.3 67.7 101.5

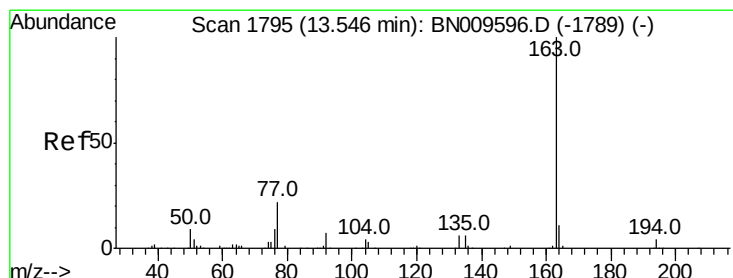
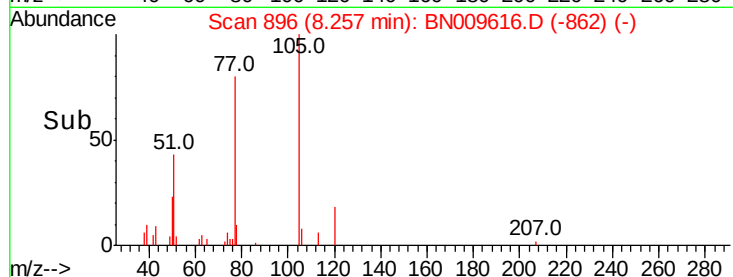
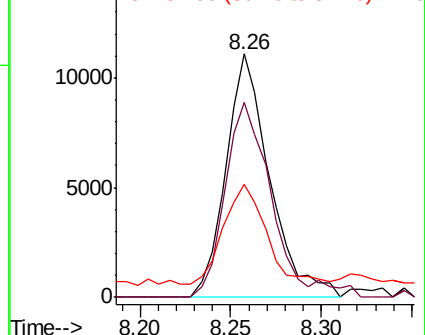
51 46.6 34.3 51.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 51.00 (50.70 to 51.70): BN0



#44

Dimethylphthalate

Concen: 2.943 ng/ul

RT: 13.55 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

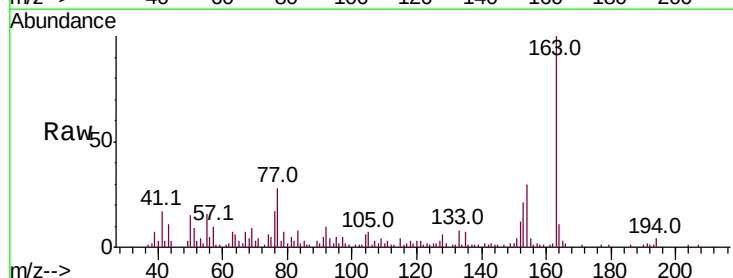
Tgt Ion:163 Resp: 89219

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

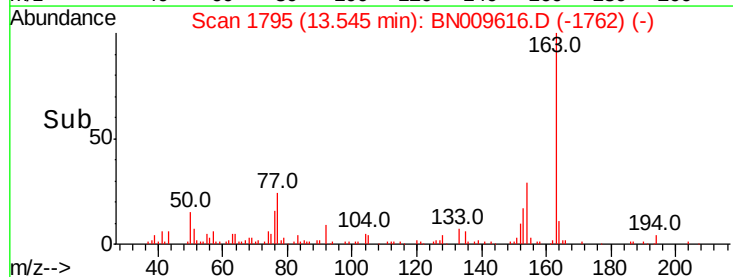
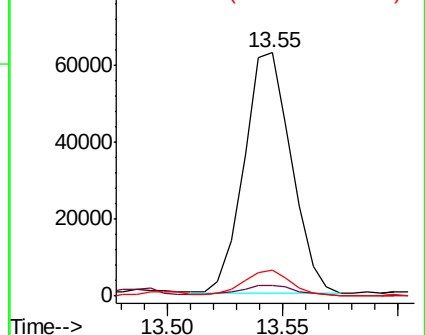
164 10.7 8.0 12.0

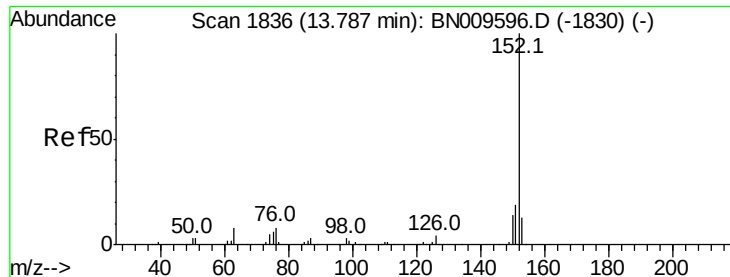


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 31.452 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

BNA_N

ClientSampled :

GAT42

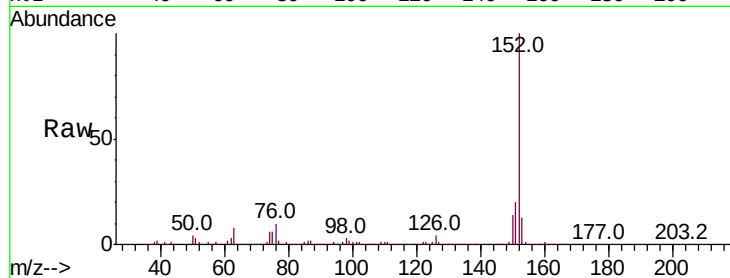
Tot Ion:152 Resp: 1187833

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

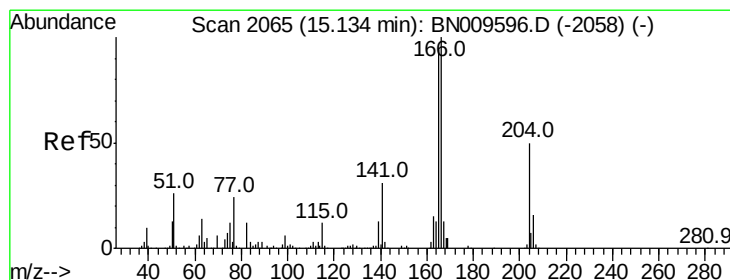
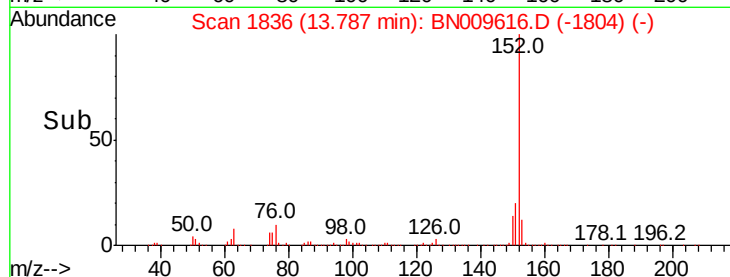
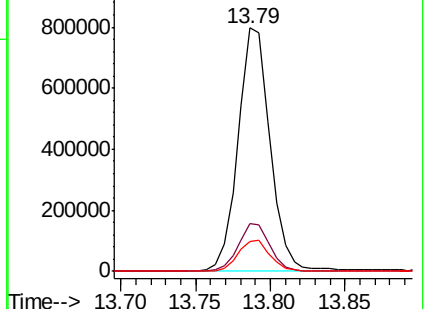
153 12.5 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#58

Fluorene

Concen: 3.289 ng/ul

RT: 15.15 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

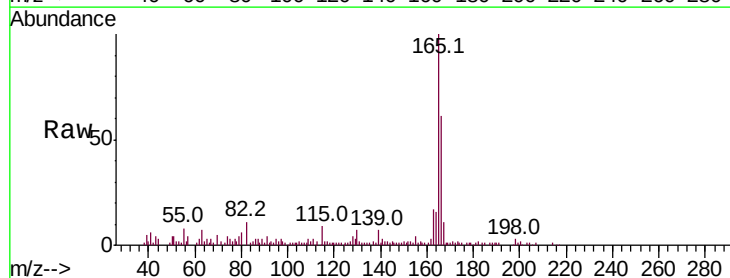
Tgt Ion:166 Resp: 98280

Ion Ratio Lower Upper

166 100

165 164.5 76.7 115.1#

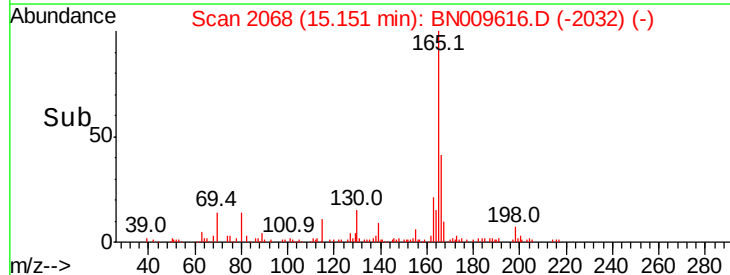
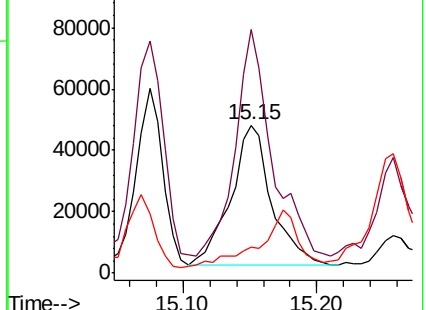
167 17.7 11.1 16.7#

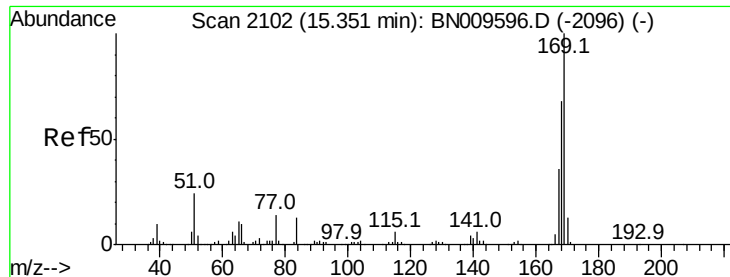


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

N-Nitrosodiphenylamine

Concen: 1.776 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

BNA_N

ClientSampleId :

GAT42

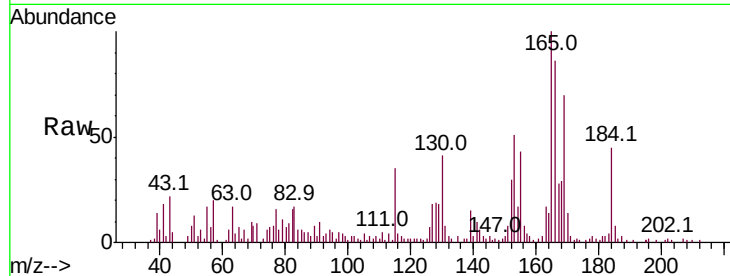
Tot Ion:169 Resp: 41556

Ion Ratio Lower Upper

169 100

168 41.5 53.8 80.8#

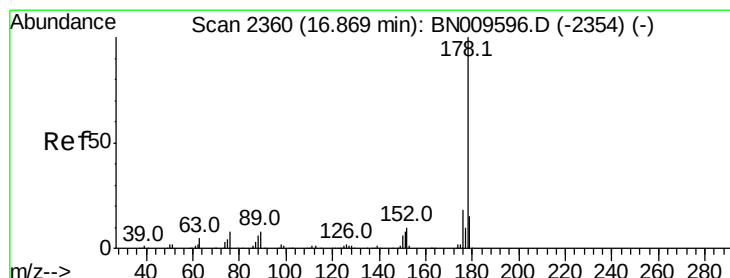
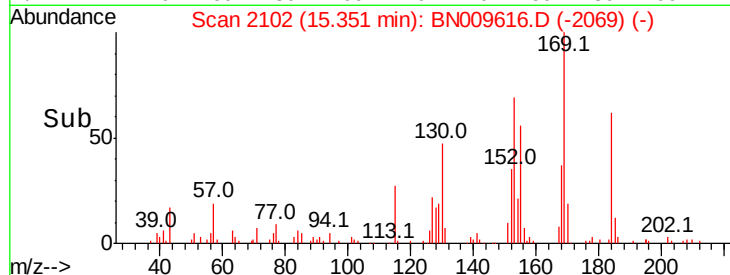
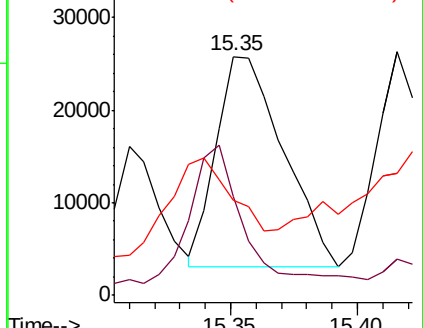
167 39.8 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 8.872 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

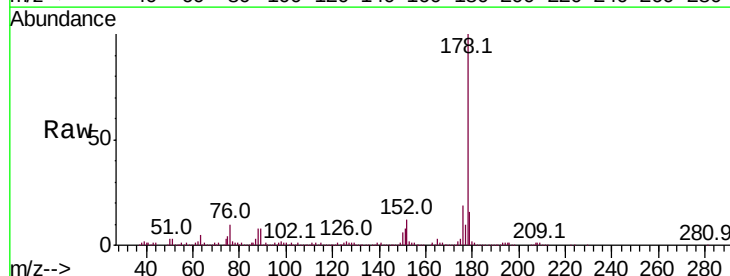
Tgt Ion:178 Resp: 396108

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

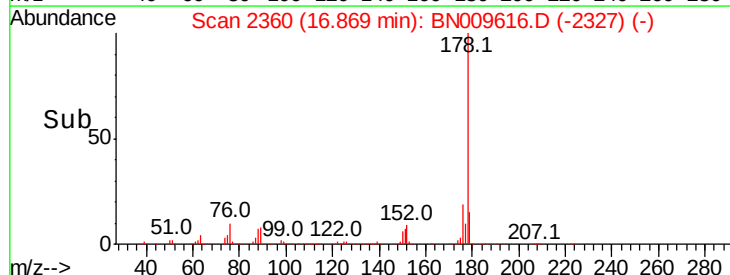
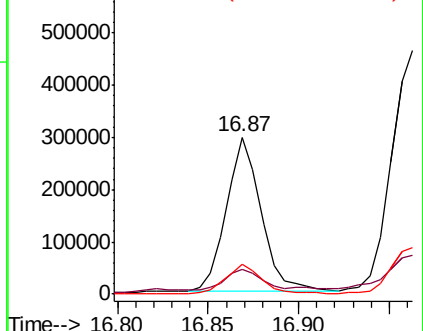
176 19.0 14.8 22.2

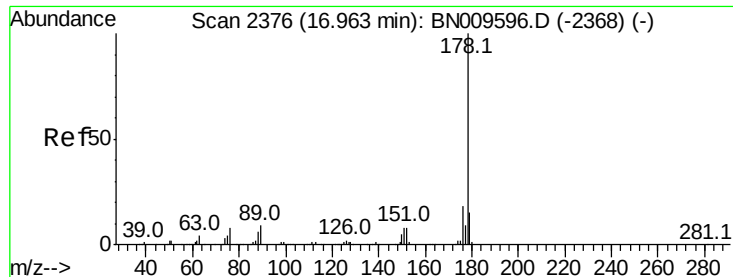


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

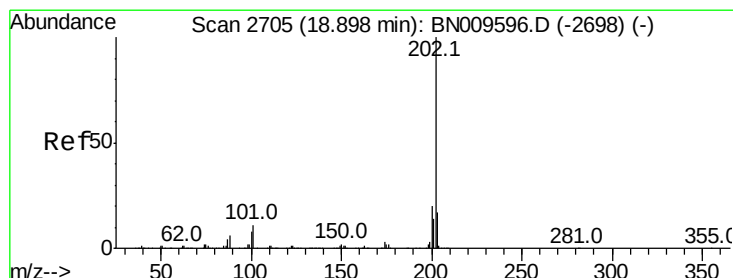
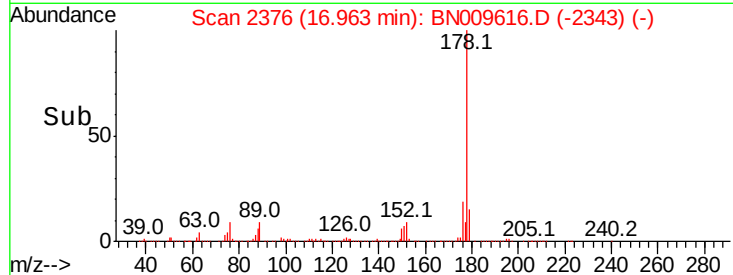
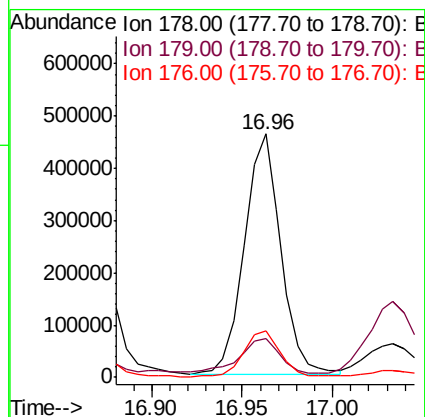
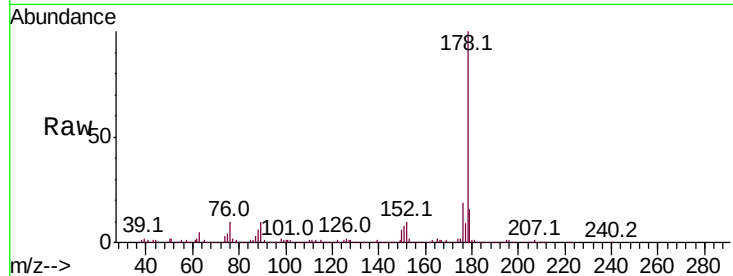




#71
 Anthracene
 Concen: 14.100 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009616.D
 Acq: 06 Feb 2020 19:11

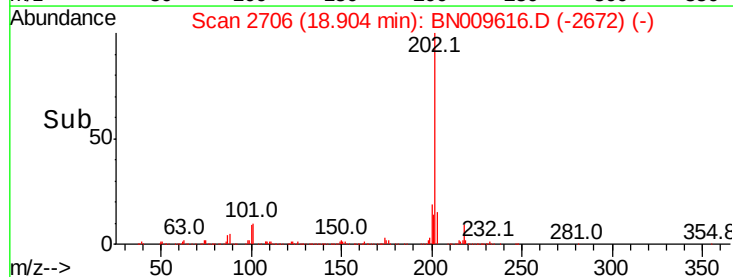
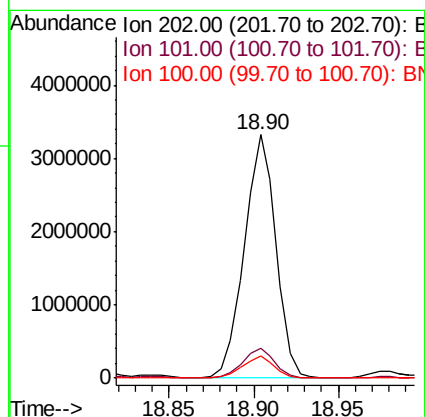
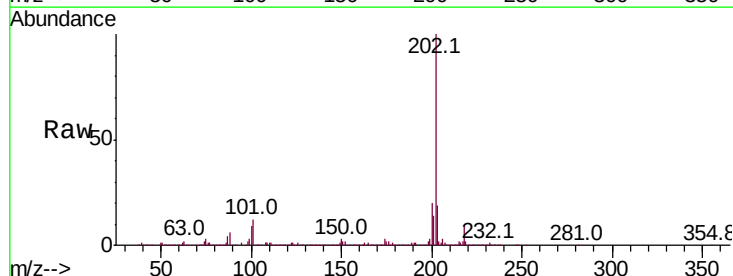
Instrument :
 BNA_N
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 GAT42

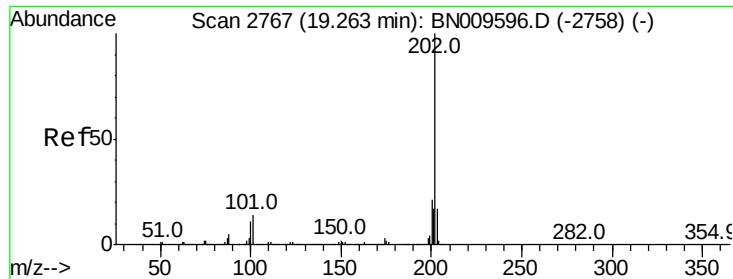
Tot Ion:178 Resp: 638724
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.1 18.1
 176 18.9 14.6 21.8



#76
 Fluoranthene
 Concen: 84.555 ng/ul
 RT: 18.90 min Scan# 2706
 Delta R.T. -0.00 min
 Lab File: BN009616.D
 Acq: 06 Feb 2020 19:11

Tgt Ion:202 Resp: 4308454
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.2 13.8
 100 9.2 6.9 10.3

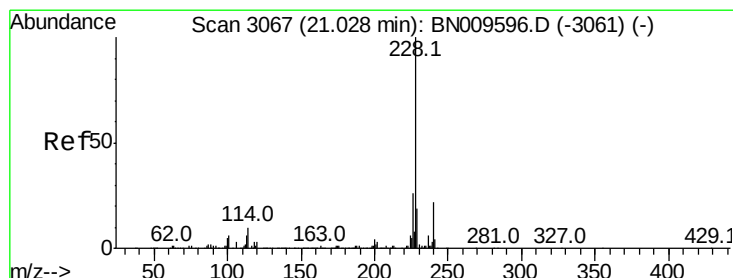
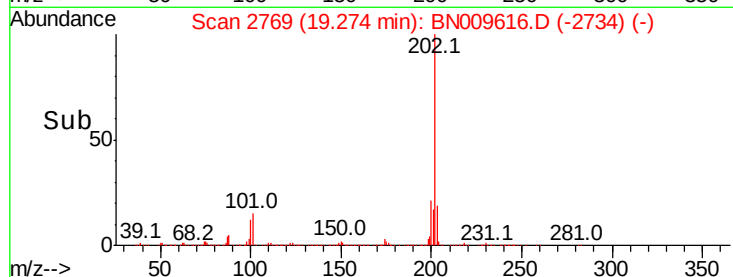
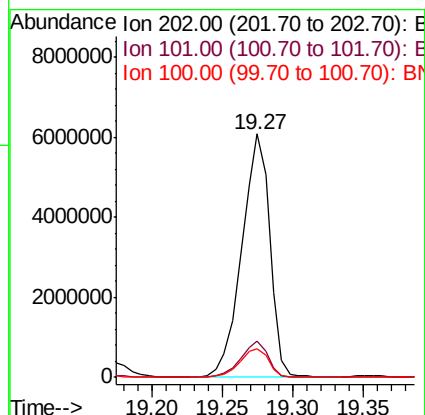
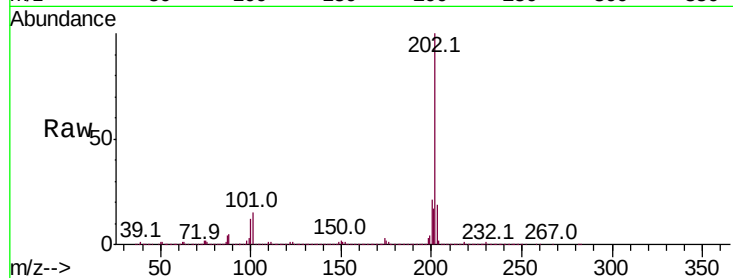




#79
Pvrene
Concen: 173.044 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

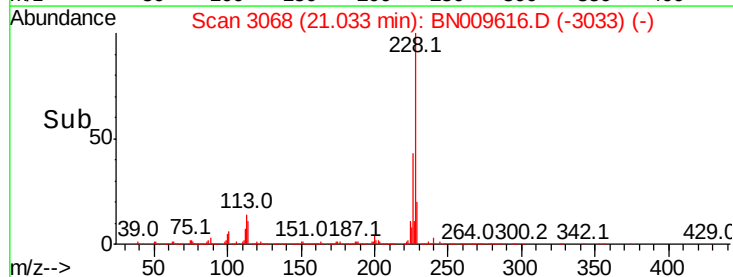
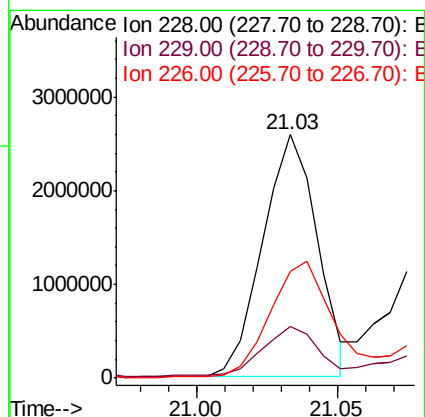
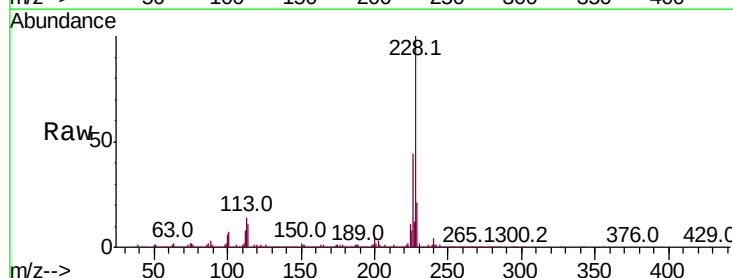
Instrument :
BNA_N
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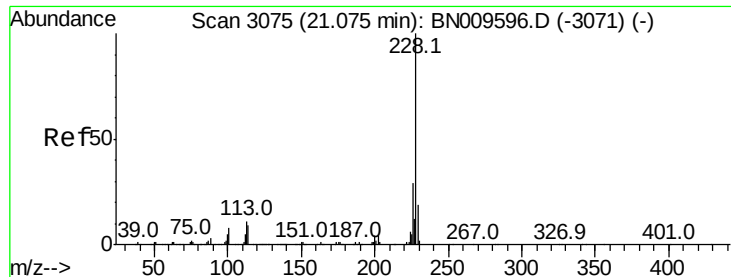
Tot Ion:202 Resp: 8388561
Ion Ratio Lower Upper
202 100
101 14.9 10.3 15.5
100 11.9 8.4 12.6



#82
Benzo(a)anthracene
Concen: 75.605 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:228 Resp: 3466501
Ion Ratio Lower Upper
228 100
229 21.0 15.0 22.4
226 43.6 20.9 31.3#





#84

Chrysene

Concen: 70.272 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

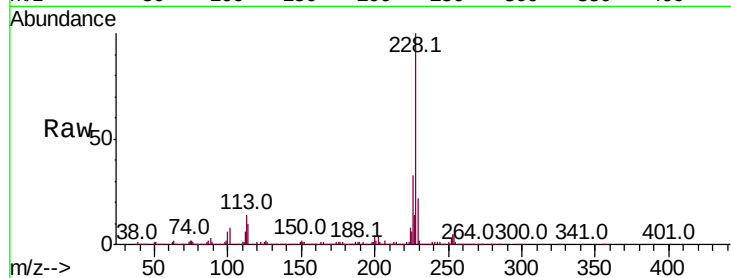
BNA_N

ClientSampleId :

GAT42

Tot Ion:228 Resp: 3207568

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.5	35.3
229	22.1	15.8	23.8

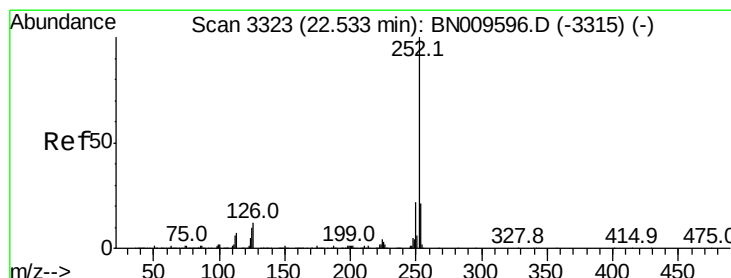
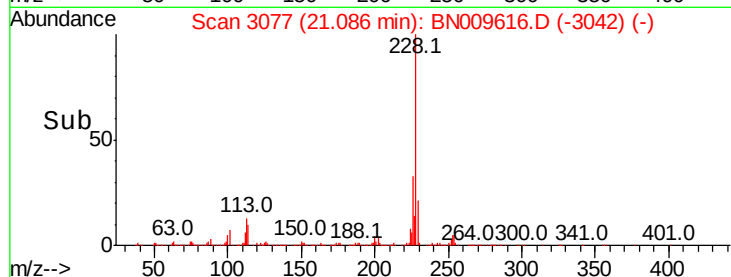
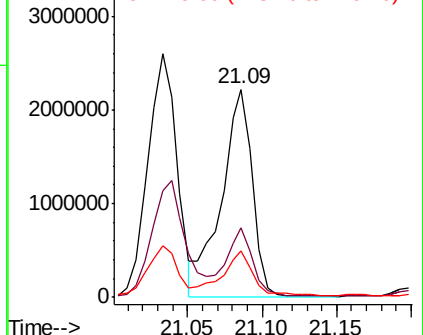


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 44.339 ng/ul

RT: 22.55 min Scan# 3326

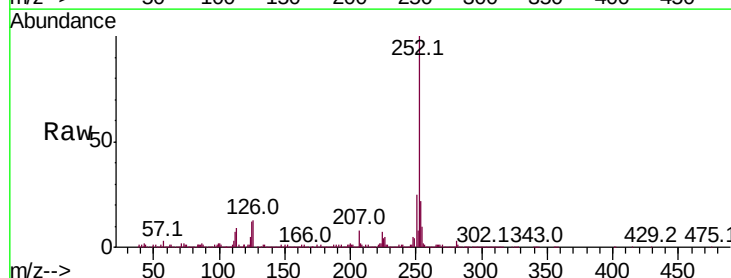
Delta R.T. 0.02 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Tgt Ion:252 Resp: 2114426

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.5	8.2	12.2

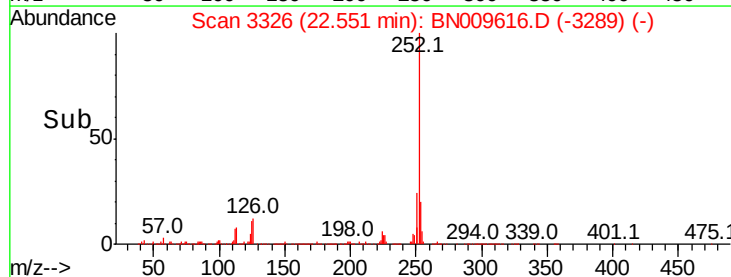
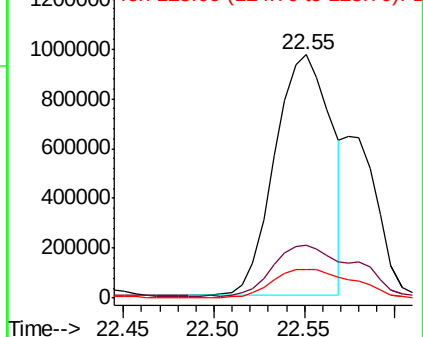


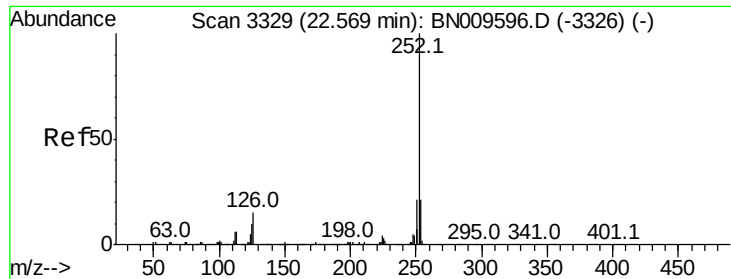
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 45.022 ng/ul

RT: 22.55 min Scan# 3326

Delta R.T. -0.02 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

BNA_N

ClientSampleId :

GAT42

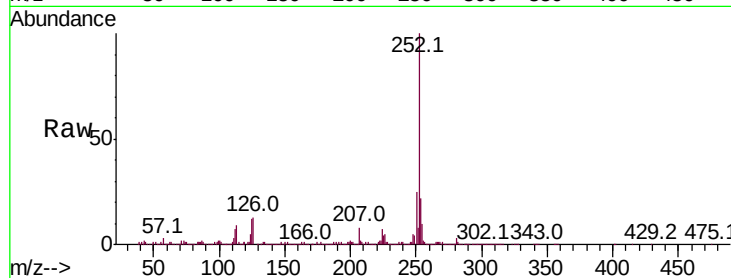
Tot Ion:252 Resp: 2114426

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

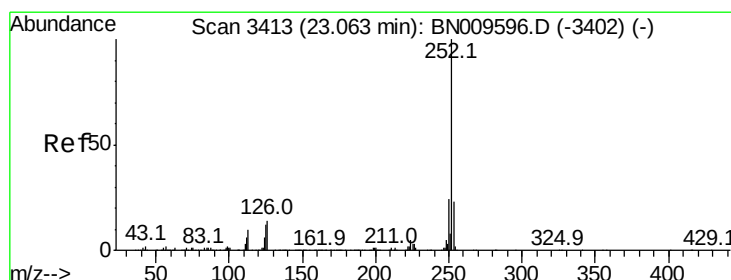
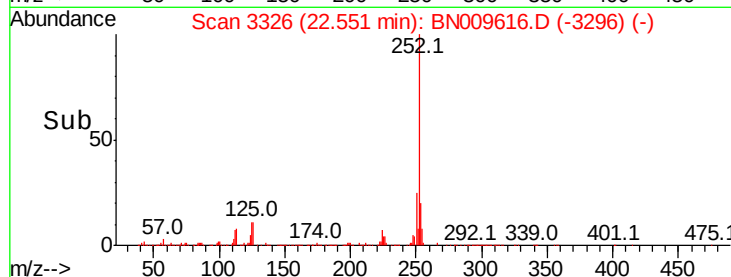
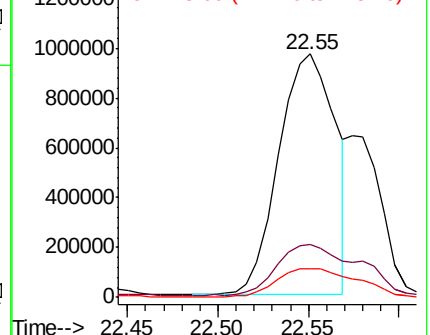
125 11.5 8.0 12.0



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



#90

Benzo(a)pyrene

Concen: 48.999 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. 0.01 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

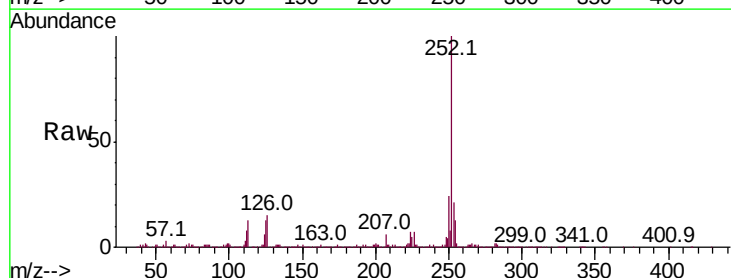
Tgt Ion:252 Resp: 2164932

Ion Ratio Lower Upper

252 100

253 21.4 15.8 23.8

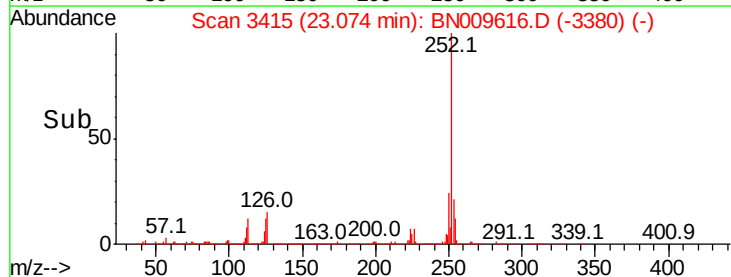
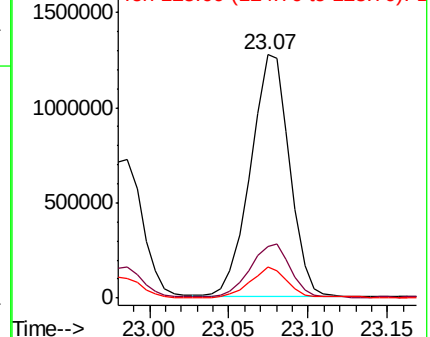
125 12.6 8.7 13.1

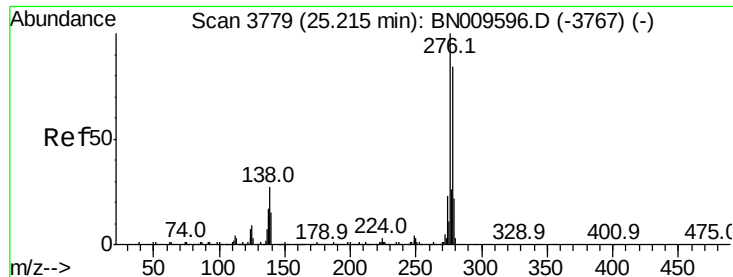


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

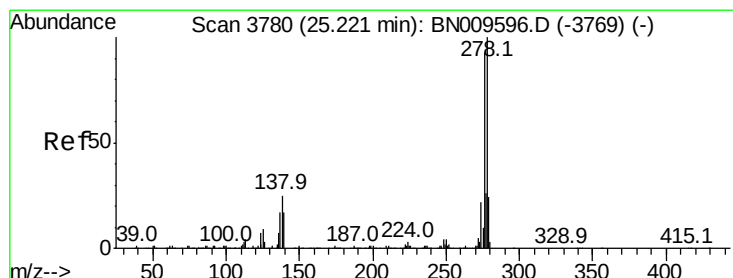
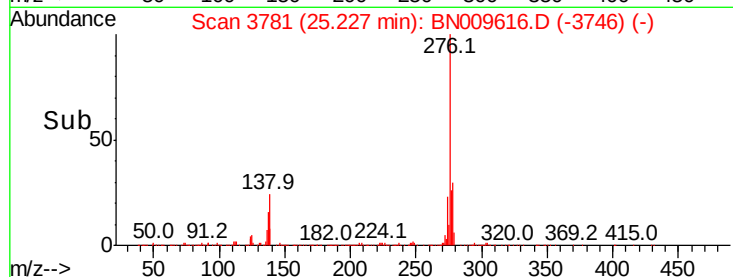
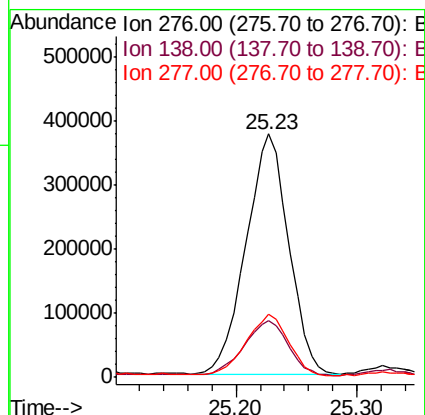
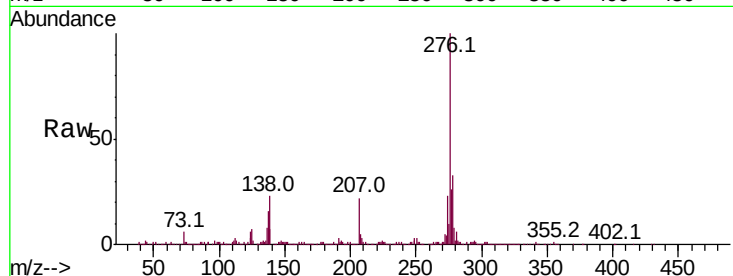




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 17.468 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. 0.01 min
 Lab File: BN009616.D
 Acq: 06 Feb 2020 19:11

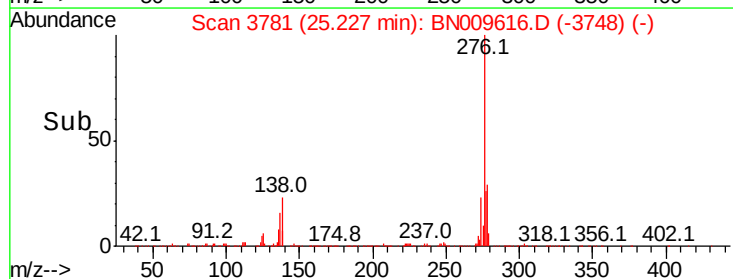
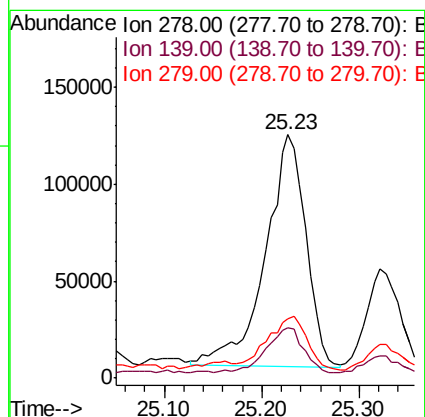
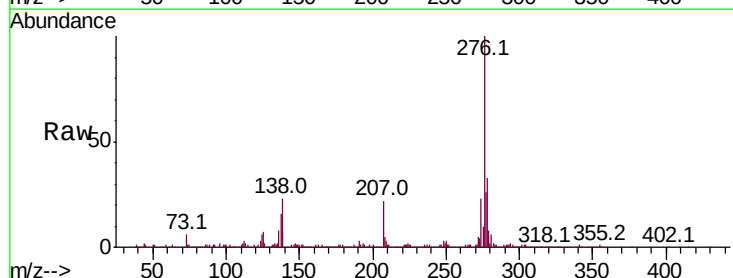
Instrument :
 BNA_N
 ClientSampleId :
 GAT42

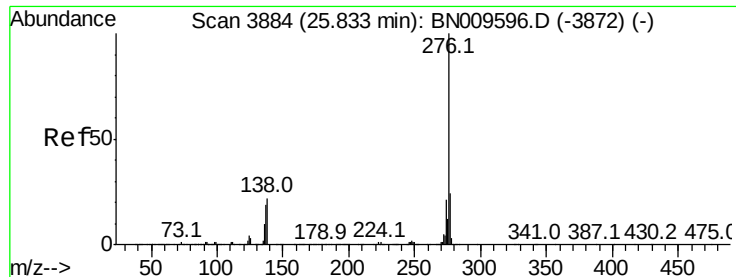
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	20.3	30.5
277	26.2	21.2	31.8



#92
 Dibenzo(a,h)anthracene
 Concen: 7.910 ng/ul
 RT: 25.23 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BN009616.D
 Acq: 06 Feb 2020 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.7	19.1#
279	24.4	19.8	29.8





#93

Benzo(a,h,i)perylene

Concen: 17.479 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. -0.00 min

Lab File: BN009616.D

Acq: 06 Feb 2020 19:11

Instrument :

BNA_N

ClientSampleId :

GAT42

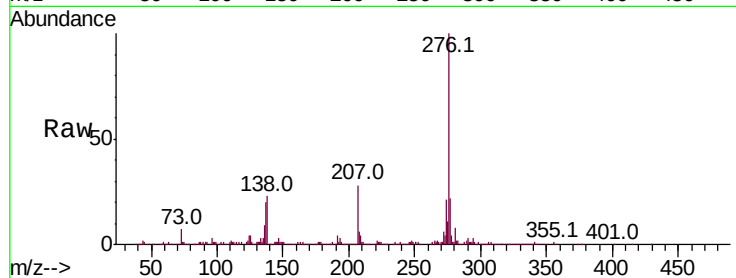
Tot Ion:276 Resp: 769513

Ion Ratio Lower Upper

276 100

138 22.9 16.0 24.0

277 21.9 17.0 25.6



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

