

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
 Data File : BG046985.D
 Acq On : 19 Oct 2020 13:40
 Operator : CG/JU
 Sample : L4308-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP6

Manual Integrations
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Quant Time: Oct 19 14:19:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 11:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	201586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	149341	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	331231	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	314827	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	324546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3853	3.58	ng/uL	0.00
5) Phenol-d5	7.22	99	68455	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	46093	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	58505	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	50741	15.09	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	32319	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	37244	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	68050	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	53434	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	243951	19.66	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	273972	19.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	17716	8.28	ng/ul	0.00
58) Fluorene-d10	15.69	176	222738	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	29304	12.85	ng/ul	0.00
71) Anthracene-d10	17.54	188	323722	20.18	ng/ul	0.00
79) Pyrene-d10	19.82	212	370271	21.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	351033	19.20	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.25	94	4470	1.014 ng/ul	95
45) Dimethylphthalate	14.14	163	118932	9.247 ng/ul	98
70) Phenanthrene	17.48	178	215430	11.366 ng/ul	99
72) Anthracene	17.57	178	43765	2.286 ng/ul	97
75) Carbazole	17.84	167	17377	1.130 ng/ul#	93
77) Fluoranthene	19.49	202	532618	23.013 ng/ul	98
80) Pyrene	19.85	202	398815	18.718 ng/ul	99
81) Butylbenzylphthalate	20.73	149	7991	1.031 ng/ul#	83
83) Benzo(a)anthracene	21.69	228	228188	10.502 ng/ul	98
85) Chrysene	21.76	228	255661	12.195 ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	318914	14.166 ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	121632m	5.603 ng/ul	
91) Benzo(a)pyrene	24.79	252	188676	9.322 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	144309	5.820 ng/ul	97
93) Dibenzo(a,h)anthracene	28.68	278	39249m	1.909 ng/ul	
94) Benzo(g,h,i)perylene	29.79	276	115975m	5.572 ng/ul	

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

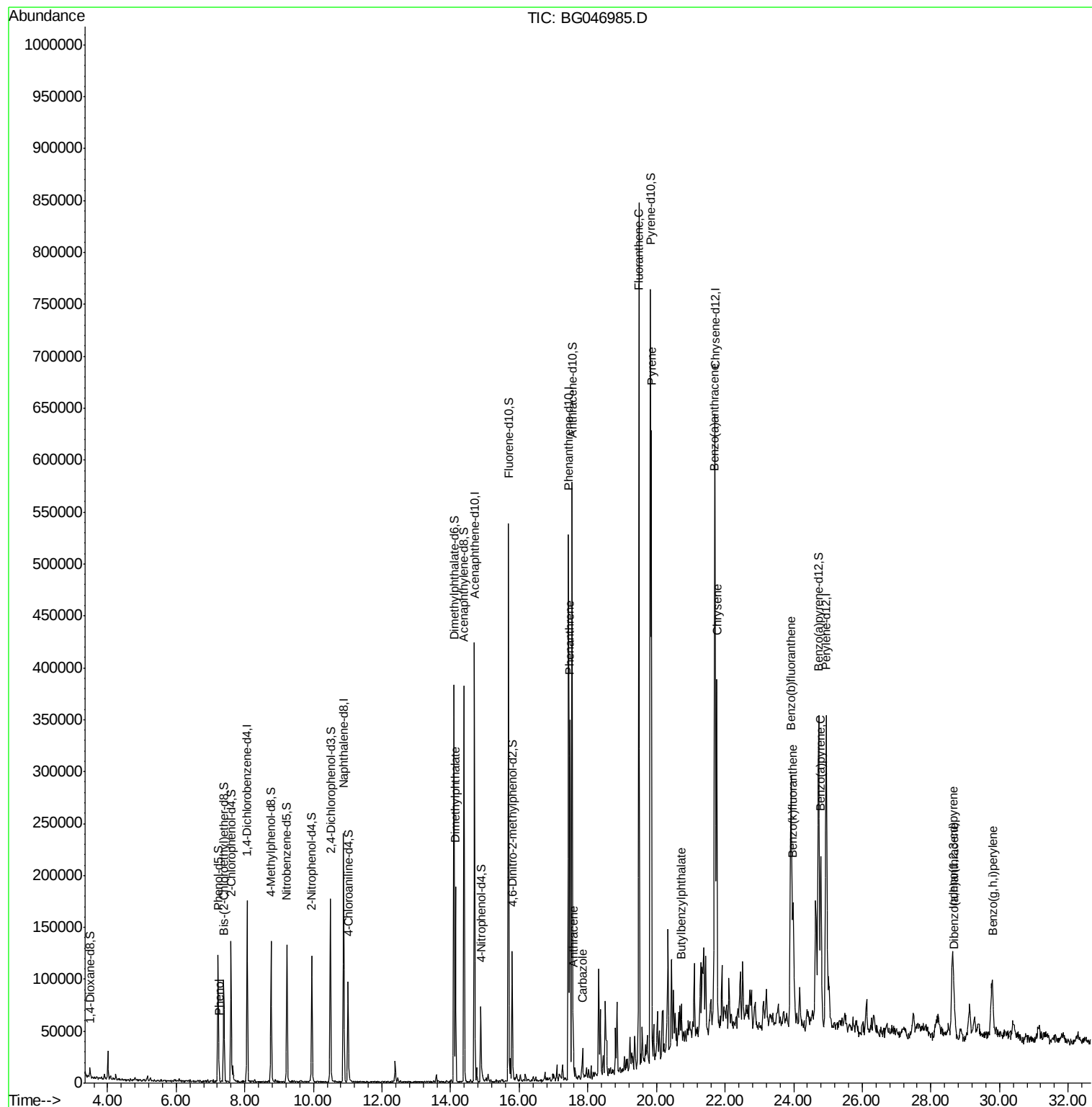
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046985.D
Acq On : 19 Oct 2020 13:40
Operator : CG/JU
Sample : L4308-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

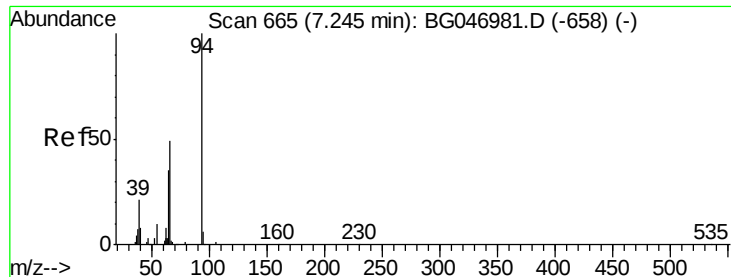
Instrument :
BNA_G
ClientSampleId :
C0AP6

Quant Time: Oct 19 14:19:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

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#6

Phenol

Concen: 1.014 ng/ul

RT: 7.25 min Scan# 666

Delta R.T. 0.01 min

Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Instrument :

BNA_G

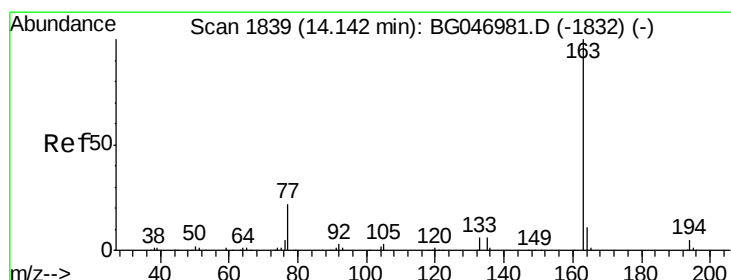
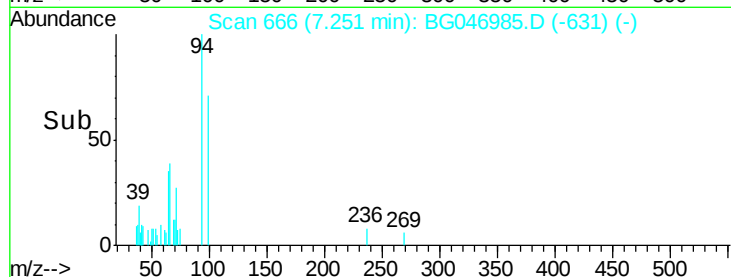
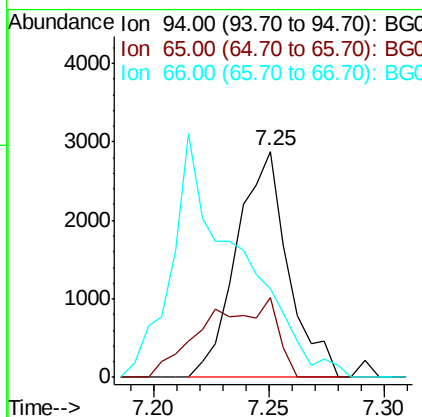
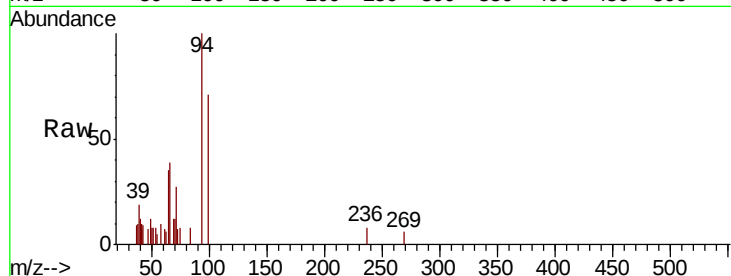
ClientSampled :

C0AP6

Tot Ion:	94	Resp:	4470
Ion	Ratio	Lower	Upper
94	100		
65	35.2	27.8	41.6
66	39.4	35.9	53.9

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#45

Dimethylphthalate

Concen: 9.247 ng/ul

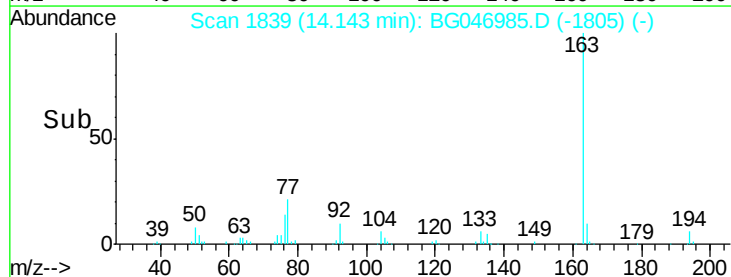
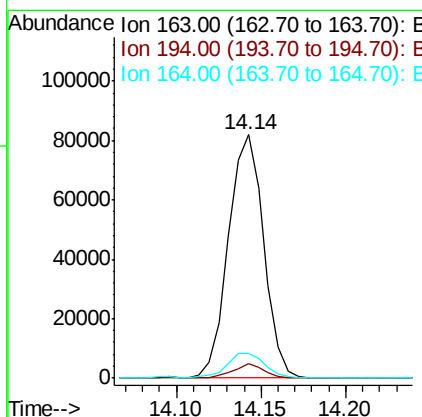
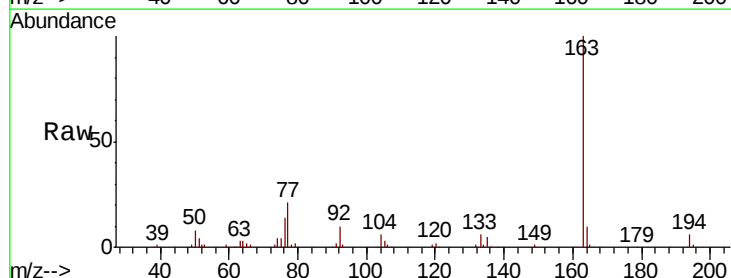
RT: 14.14 min Scan# 1839

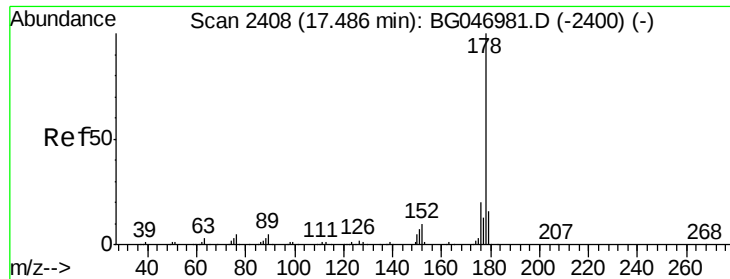
Delta R.T. 0.00 min

Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Tgt Ion:	163	Resp:	118932
Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.9	5.9
164	10.3	7.8	11.8





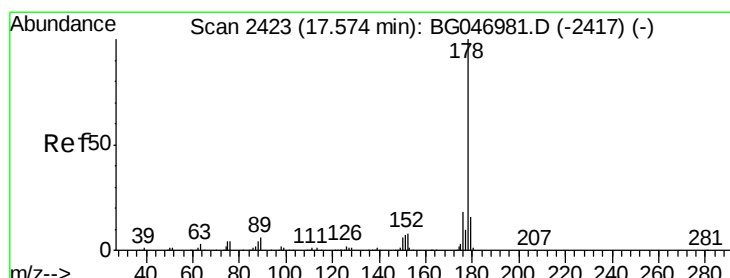
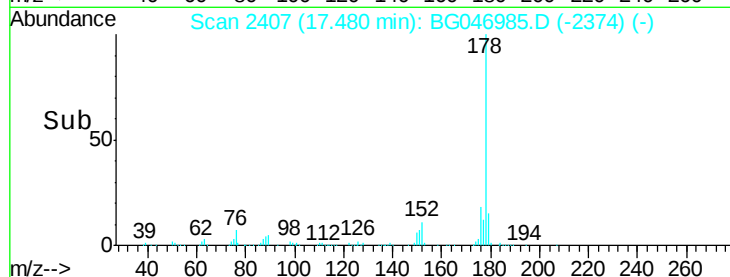
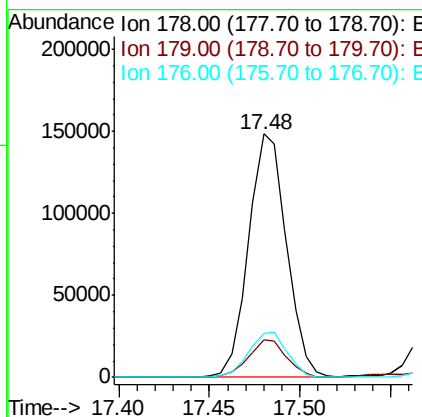
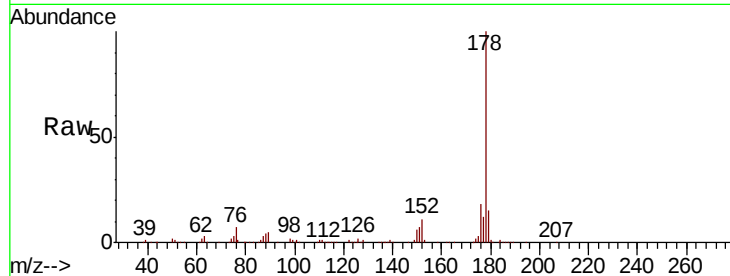
#70
Phenanthrene
Concen: 11.366 ng/ul
RT: 17.48 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.2	15.0	22.4

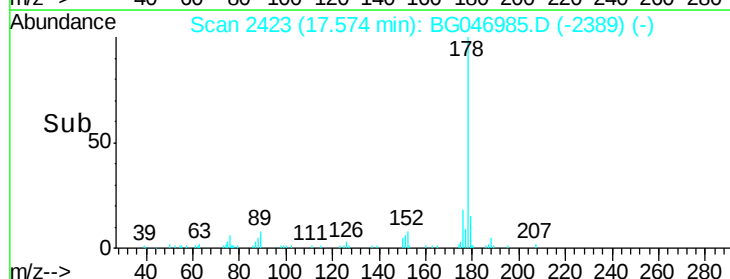
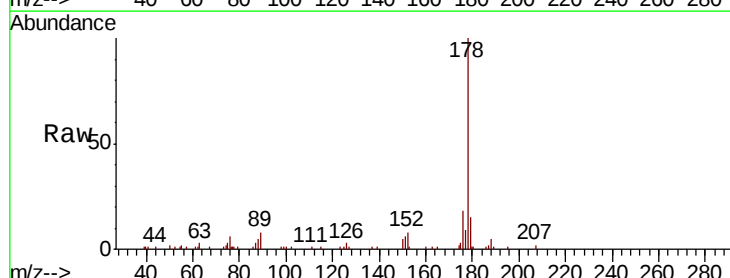
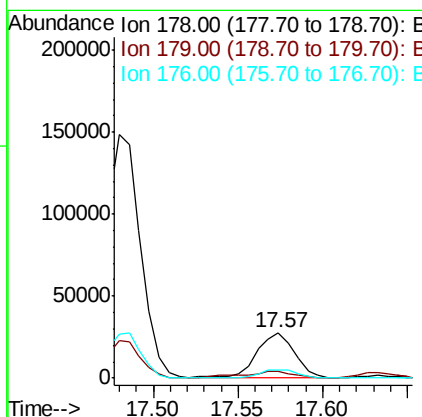
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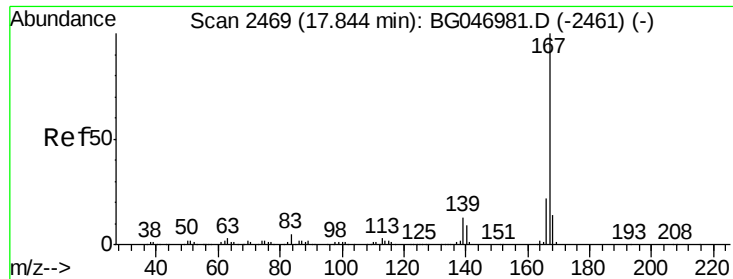
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#72
Anthracene
Concen: 2.286 ng/ul
RT: 17.57 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	17.9	16.2	24.4





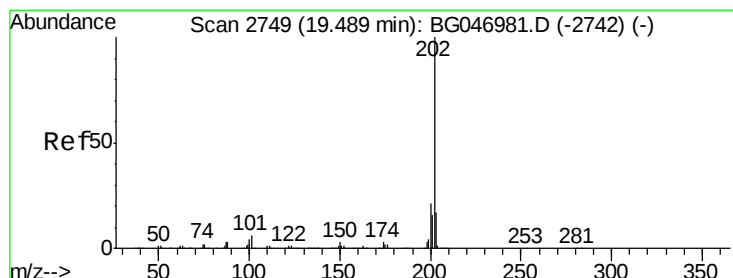
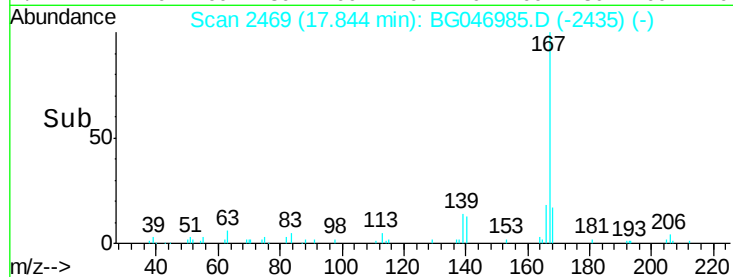
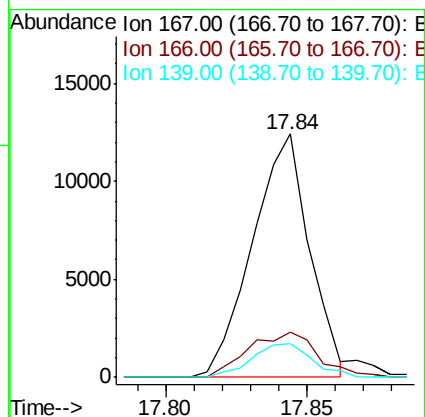
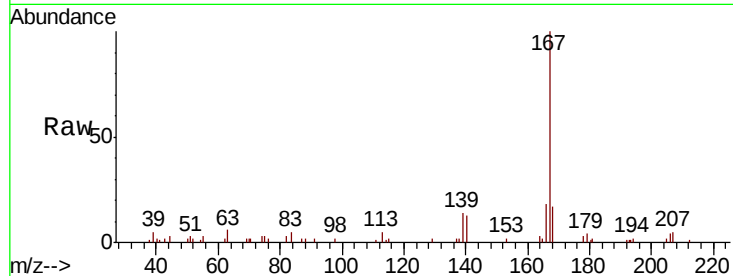
#75
 Carbazole
 Concen: 1.130 ng/ul
 RT: 17.84 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG046985.D
 Acq: 19 Oct 2020 13:40

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
167	100		
166	18.4	18.6	27.8#
139	13.9	10.3	15.5

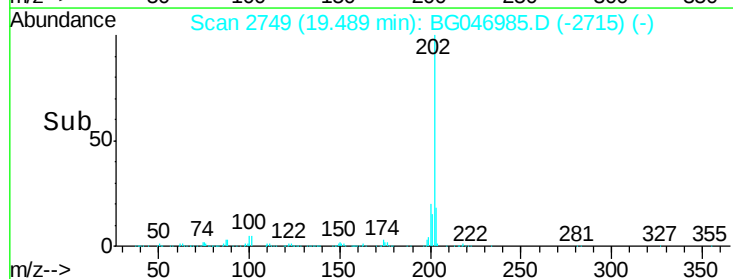
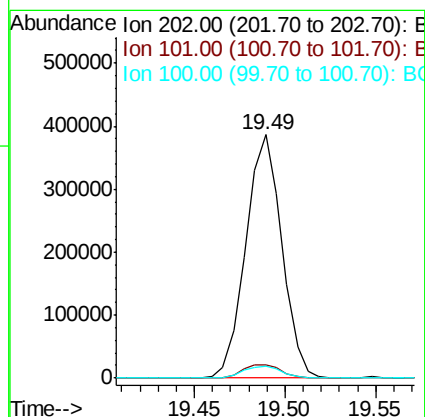
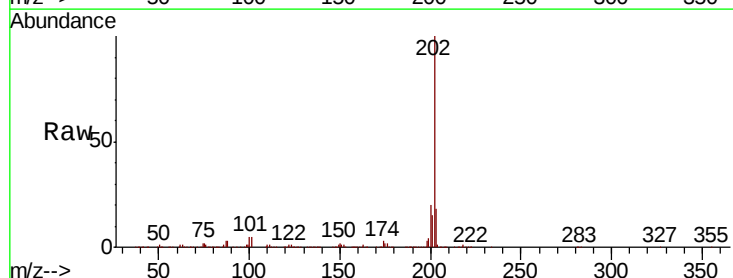
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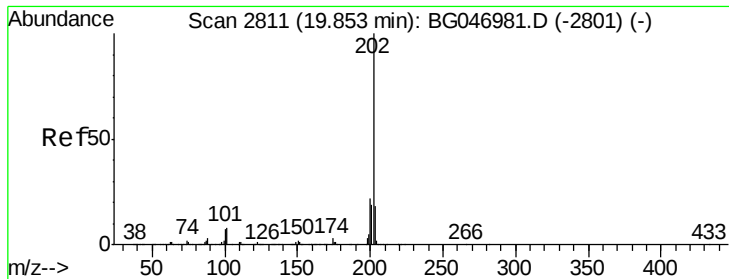
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#77
 Fluoranthene
 Concen: 23.013 ng/ul
 RT: 19.49 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BG046985.D
 Acq: 19 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.9	7.3
100	4.8	4.6	6.8





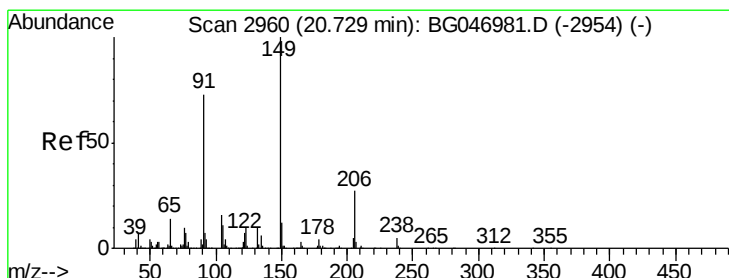
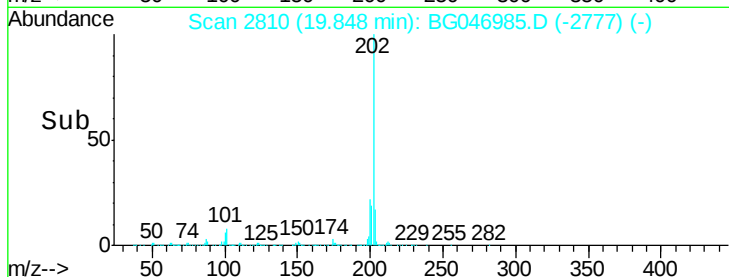
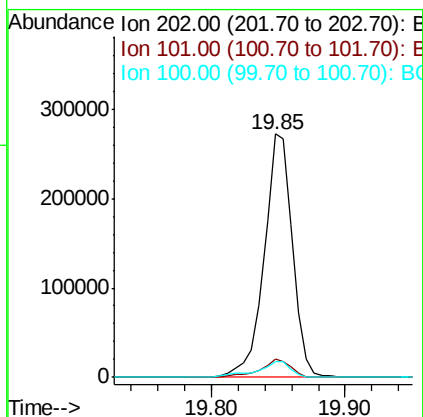
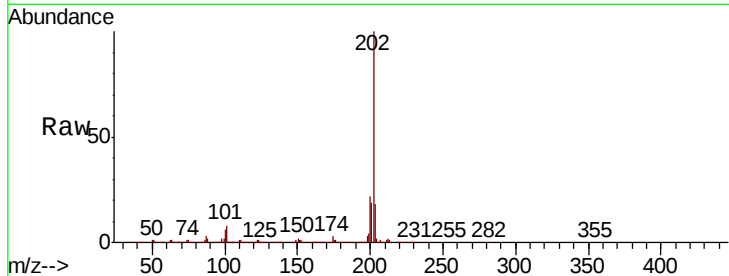
#80
Pvrene
Concen: 18.718 ng/ul
RT: 19.85 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	6.5	9.7
100	6.2	5.2	7.8

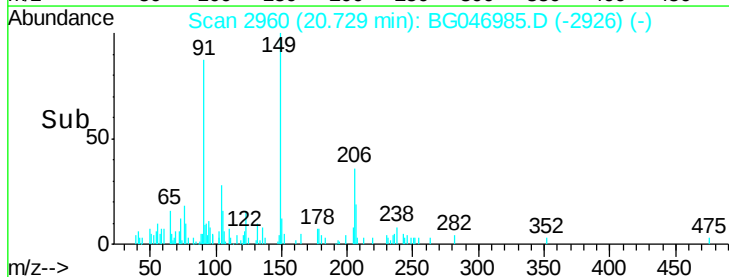
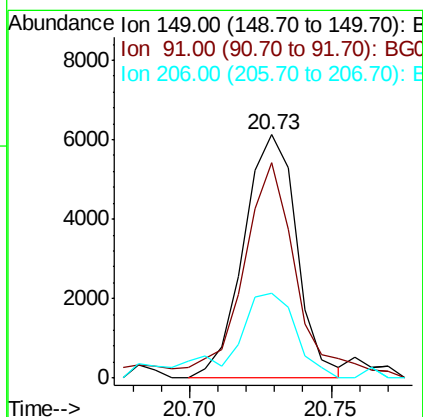
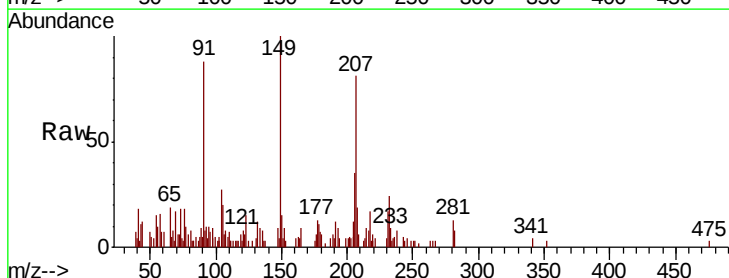
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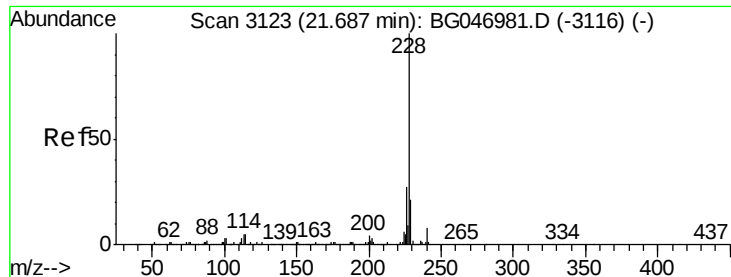
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#81
Butylbenzylphthalate
Concen: 1.031 ng/ul
RT: 20.73 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	88.3	58.7	88.1#
206	34.6	21.2	31.8#





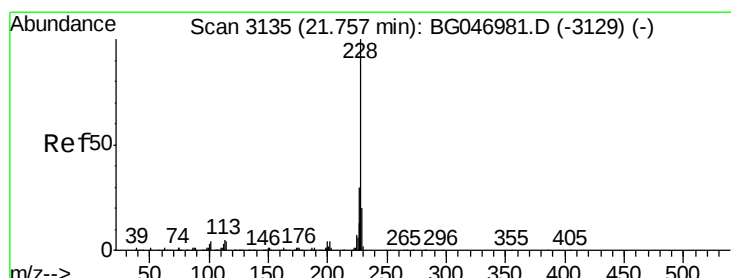
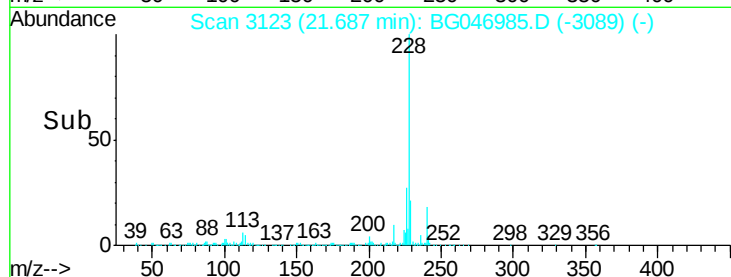
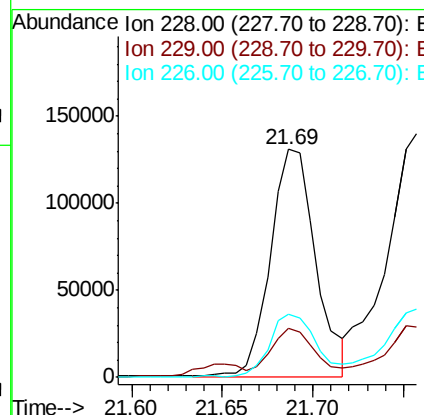
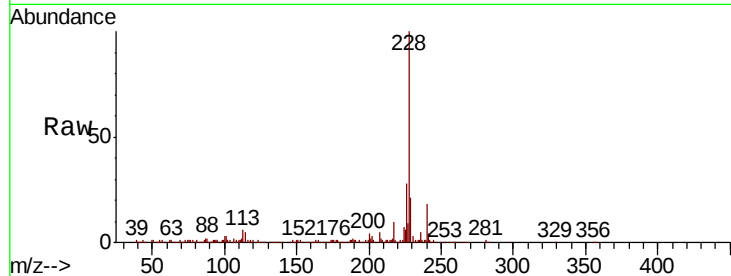
#83
Benzo(a)anthracene
Concen: 10.502 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.2
226	27.5	21.6	32.4

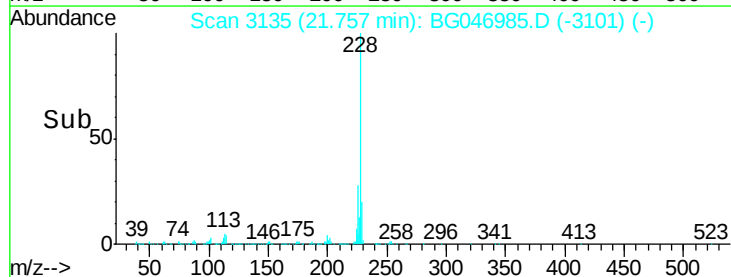
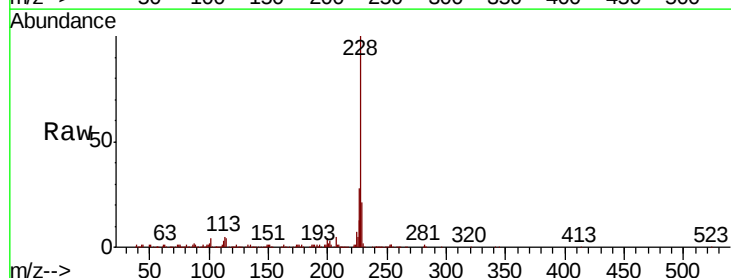
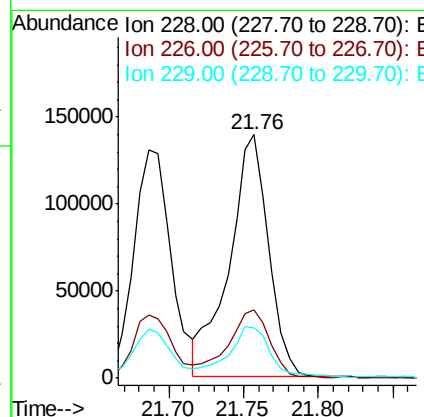
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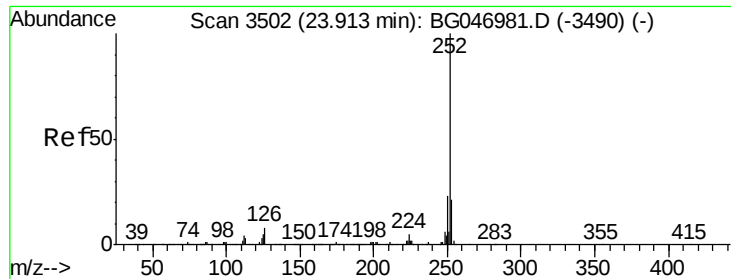
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#85
Chrysene
Concen: 12.195 ng/ul
RT: 21.76 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.2	34.8
229	20.8	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 14.166 ng/ul

RT: 23.92 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Instrument :

BNA_G

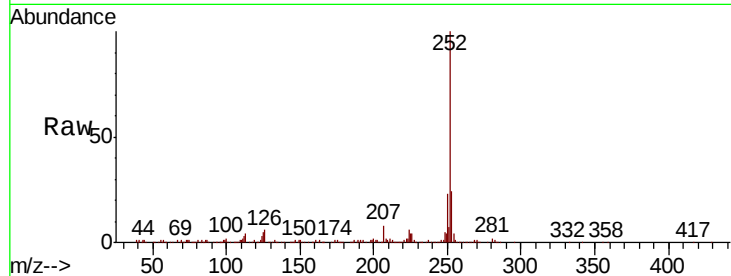
ClientSampleId :

C0AP6

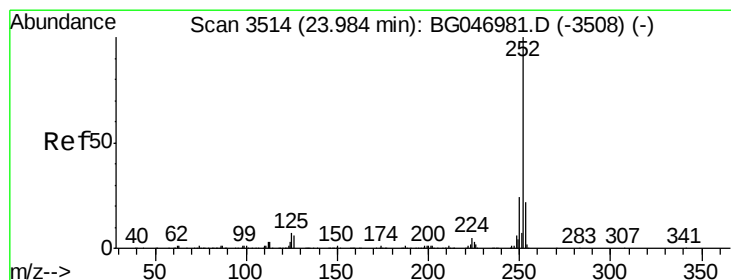
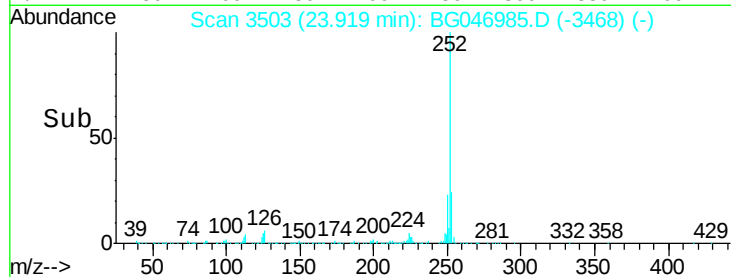
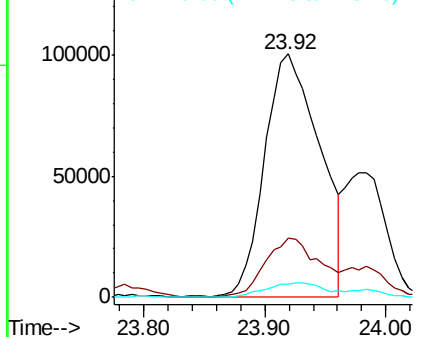
Tot Ion:	252	Resp:	318914
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.2
125	5.3	4.6	7.0

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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



#89

Benzo(k)fluoranthene

Concen: 5.603 ng/ul m

RT: 23.98 min Scan# 3514

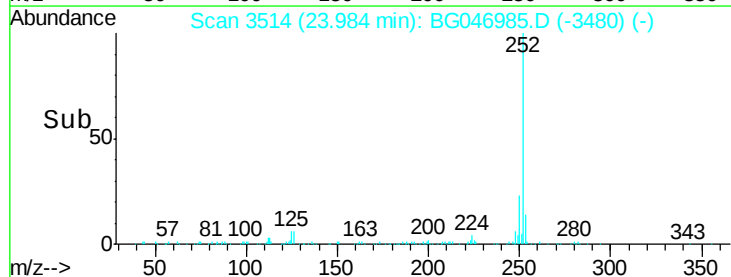
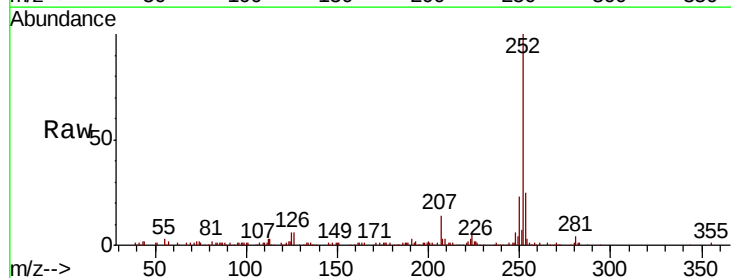
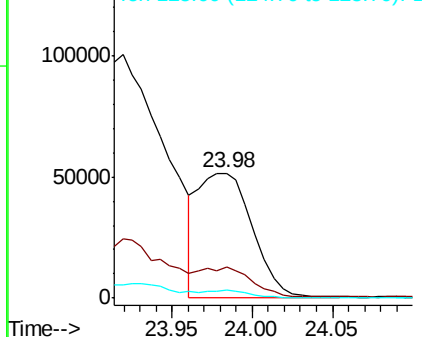
Delta R.T. 0.00 min

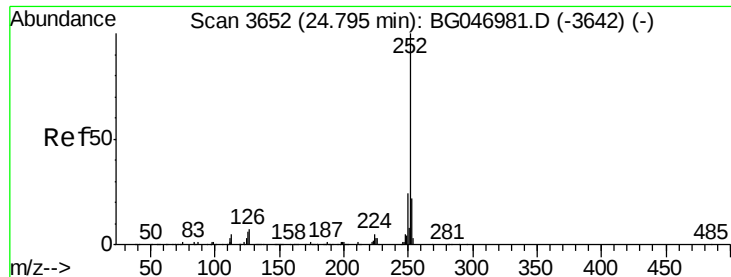
Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Tgt Ion:	252	Resp:	121632
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.7	26.5
125	6.2	4.2	6.4

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

Benzo(a)pyrene

Concen: 9.322 ng/ul

RT: 24.79 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Instrument :

BNA_G

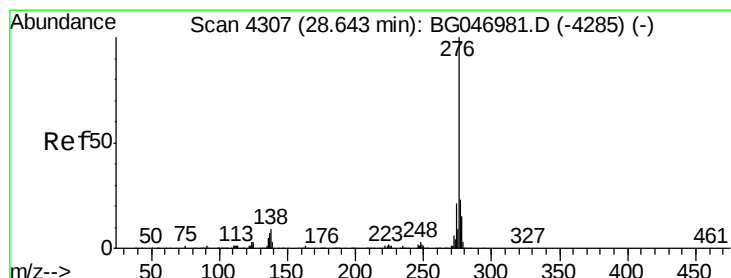
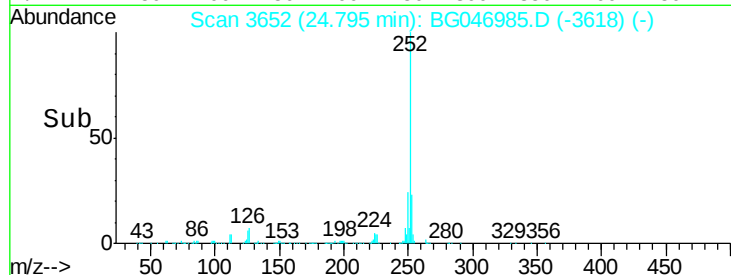
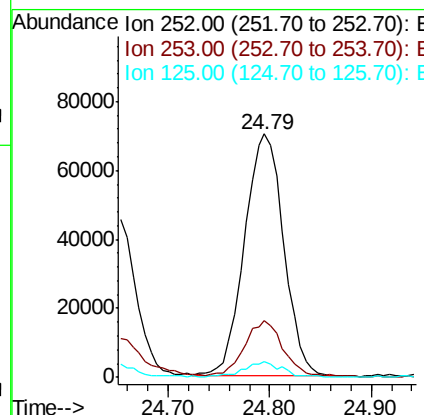
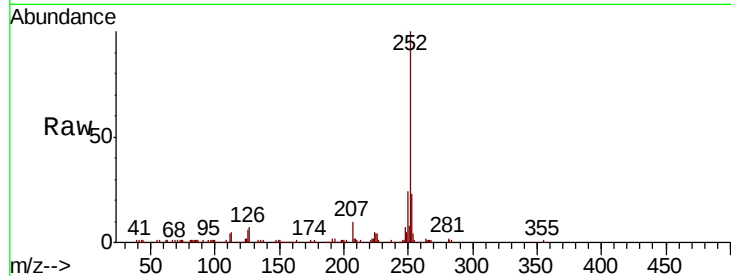
ClientSampleId :

C0AP6

Tot Ion:	252	Resp:	188676
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	6.3	5.4	8.0

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.820 ng/ul

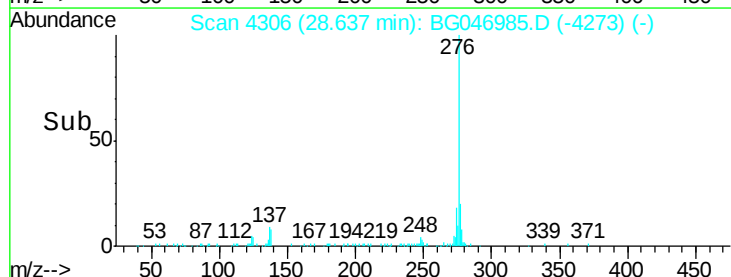
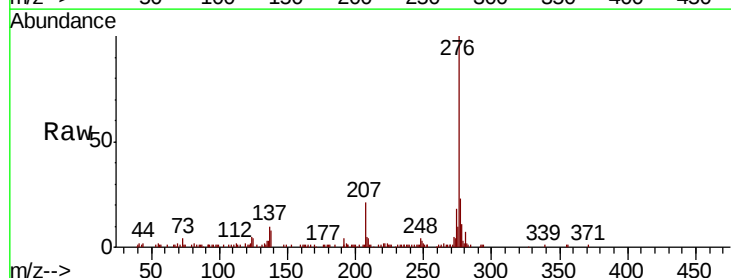
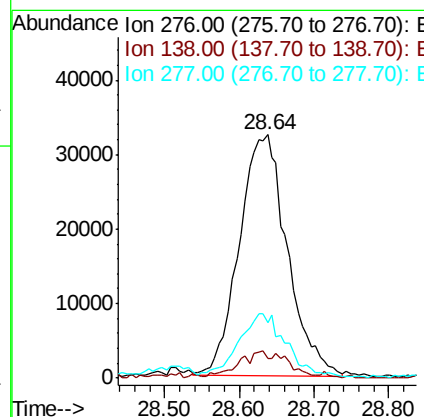
RT: 28.64 min Scan# 4306

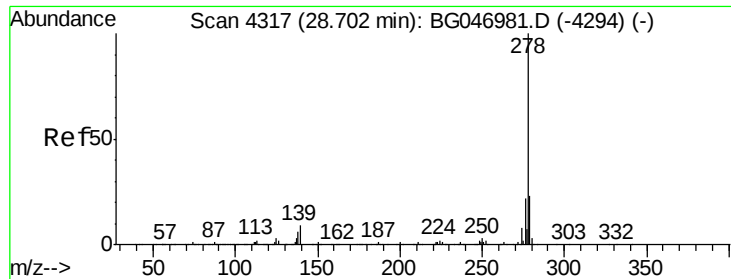
Delta R.T. -0.01 min

Lab File: BG046985.D

Acq: 19 Oct 2020 13:40

Tgt Ion:	276	Resp:	144309
Ion Ratio	Lower	Upper	
276	100		
138	8.3	7.8	11.6
277	22.7	19.4	29.2





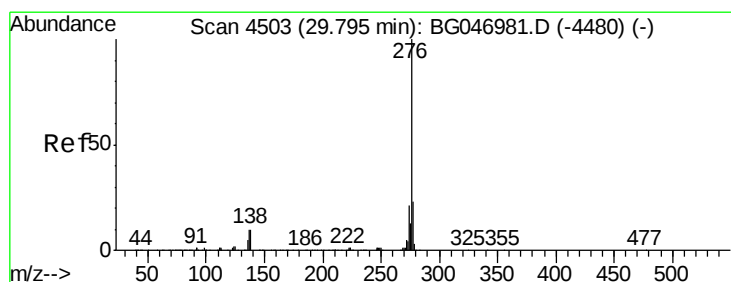
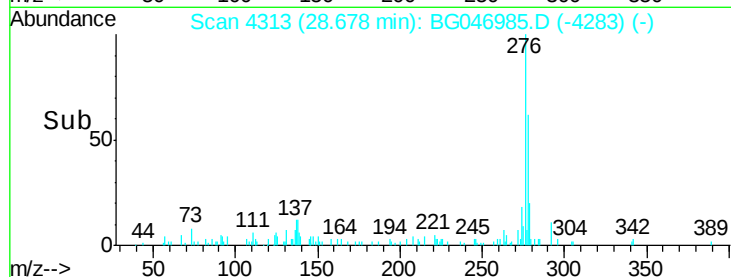
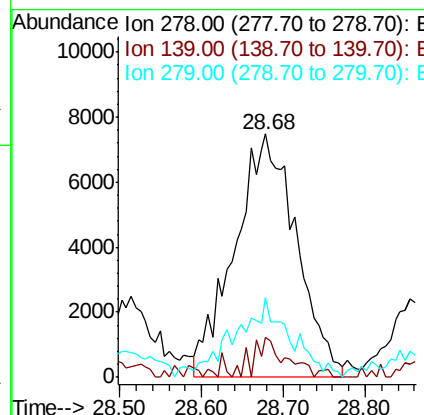
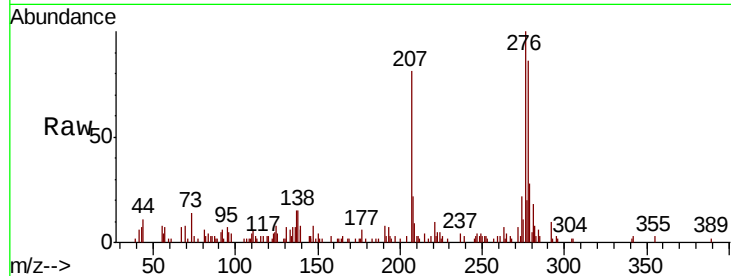
#93
Dibenzo(a,h)anthracene
Concen: 1.909 ng/ul m
RT: 28.68 min Scan# 4313
Delta R.T. -0.02 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.0	10.6
279	32.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
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#94
Benzo(g,h,i)perylene
Concen: 5.572 ng/ul m
RT: 29.79 min Scan# 4503
Delta R.T. 0.00 min
Lab File: BG046985.D
Acq: 19 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	8.5	12.7
277	21.6	18.5	27.7

