

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042205.D
 Acq On : 14 Aug 2019 11:15
 Operator : HP/JU
 Sample : K4304-11
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P2

Manual Integrations
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mohammad
 8/15/2019 5:11:50 PM

Quant Time: Aug 14 17:20:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	97387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	398194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	273258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	547146m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	533717	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	640218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7610	3.42	ng/uL	0.00
5) Phenol-d5	7.18	99	181957	23.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	91515	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	166827	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	154390	24.06	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	82777	27.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	104903	30.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	191886	27.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	219946	28.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	569491	26.87	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	666937	27.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	77724	21.84	ng/ul	0.00
57) Fluorene-d10	15.68	176	504581	26.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	77093	21.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	730637	27.83	ng/ul	0.00
78) Pyrene-d10	19.82	212	830188	27.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	967223	28.92	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	60958	2.897 ng/ul	98
69) Phenanthrene	17.48	178	375992m	12.552 ng/ul	
71) Anthracene	17.57	178	64947	2.138 ng/ul	99
74) Carbazole	17.84	167	32948	1.309 ng/ul	100
76) Fluoranthene	19.49	202	599378m	17.319 ng/ul	
79) Pyrene	19.85	202	512963	14.288 ng/ul	98
82) Benzo(a)anthracene	21.70	228	294263	7.952 ng/ul	99
84) Chrysene	21.77	228	306360	8.870 ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	413939	10.303 ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	151704m	3.927 ng/ul	
90) Benzo(a)pyrene	24.84	252	277534	7.249 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	176151	3.945 ng/ul	100
92) Dibenzo(a,h)anthracene	28.78	278	48391	1.329 ng/ul#	96
93) Benzo(g,h,i)perylene	29.89	276	151642	4.067 ng/ul	100

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

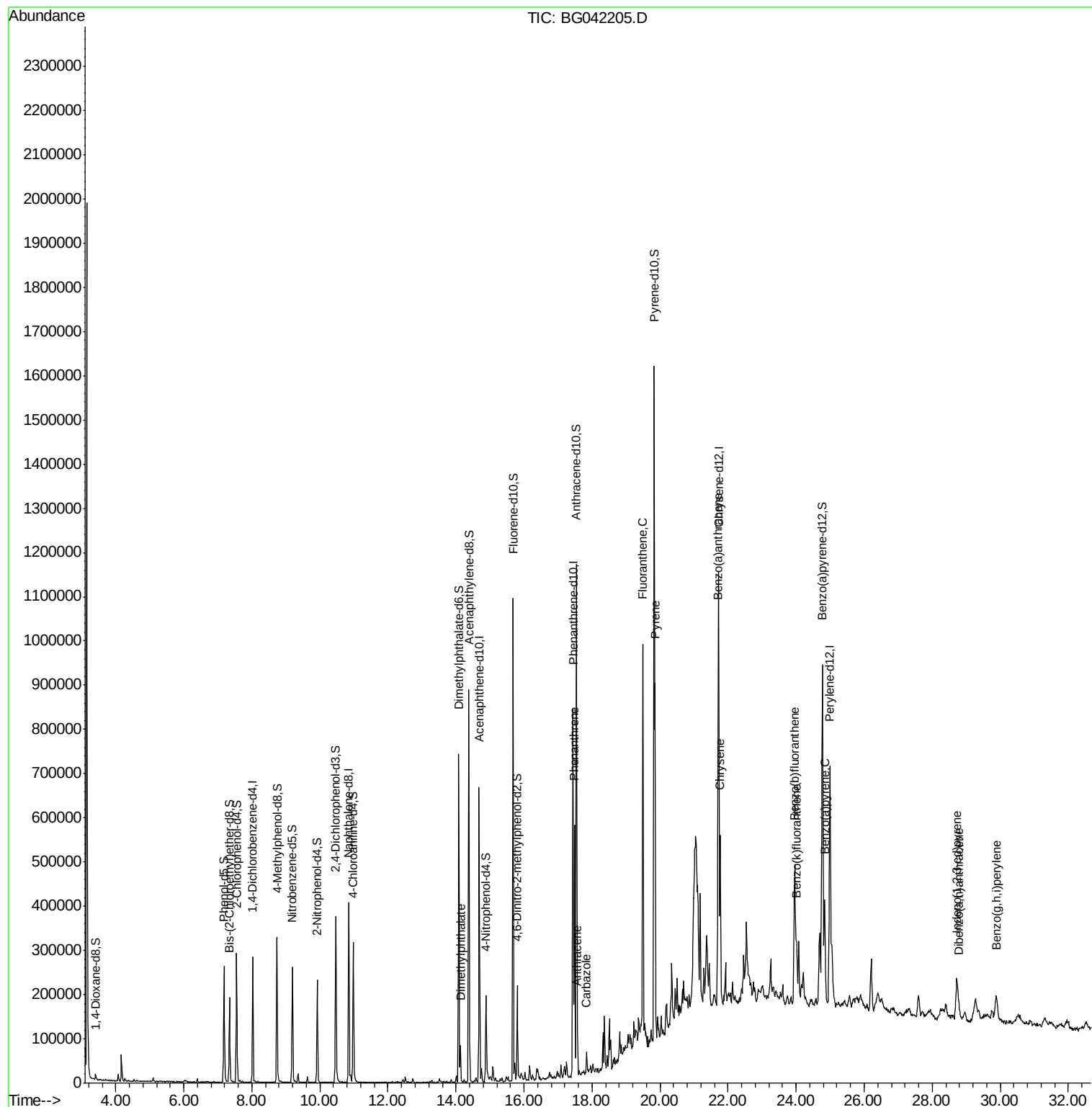
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042205.D
Acq On : 14 Aug 2019 11:15
Operator : HP/JU
Sample : K4304-11
Misc :
ALS Vial : 67 Sample Multiplier: 1

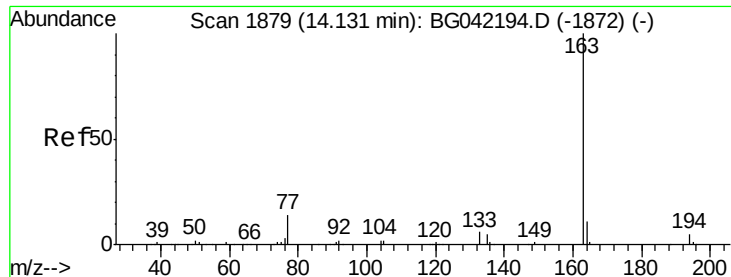
Instrument :
BNA_G
ClientSampled :
CB5P2

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Quant Time: Aug 14 17:20:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.897 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

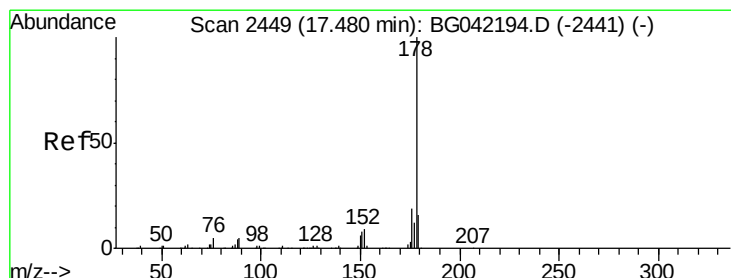
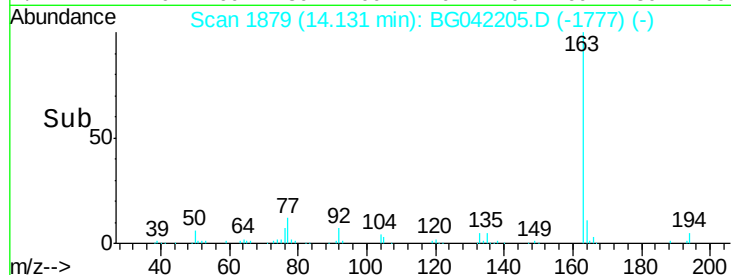
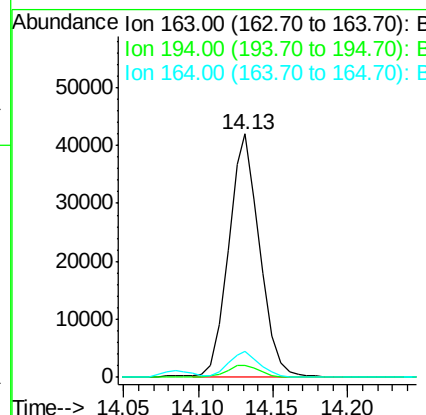
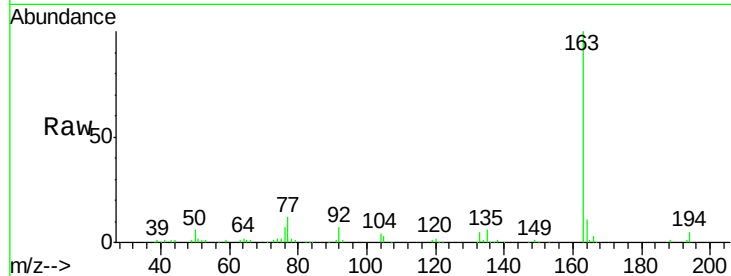
ClientSampled :

CB5P2

Tot Ion:	163	Resp:	60958
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.2	6.2
164	10.7	7.8	11.8

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#69

Phenanthrene

Concen: 12.552 ng/ul m

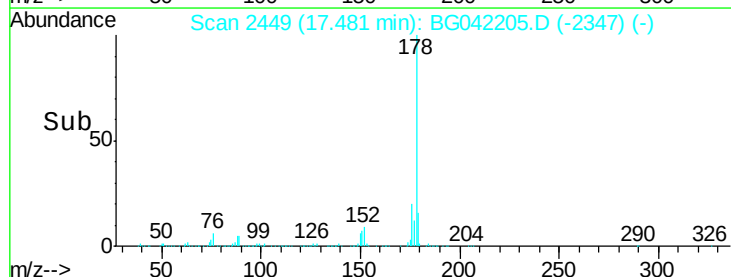
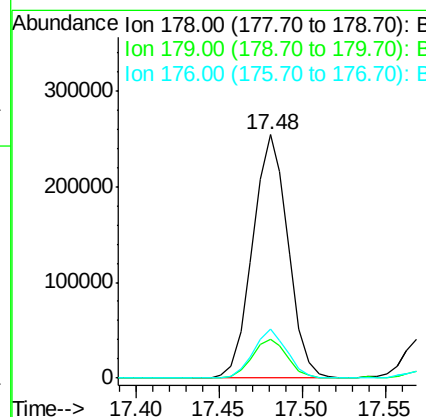
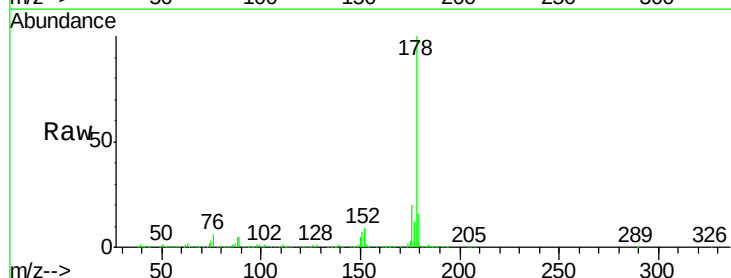
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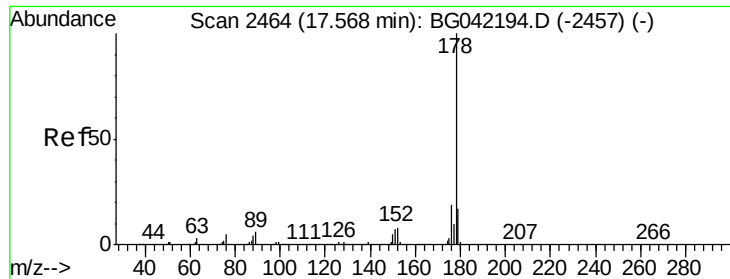
Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Tgt Ion:	178	Resp:	375992
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	20.1	15.4	23.2





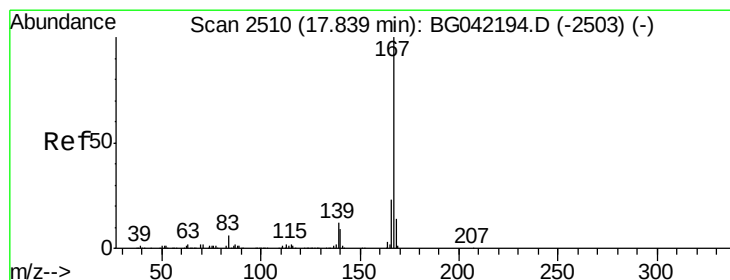
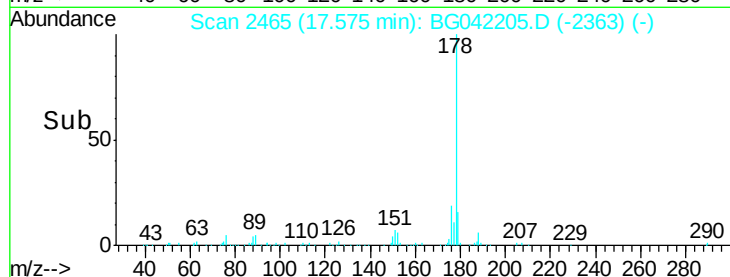
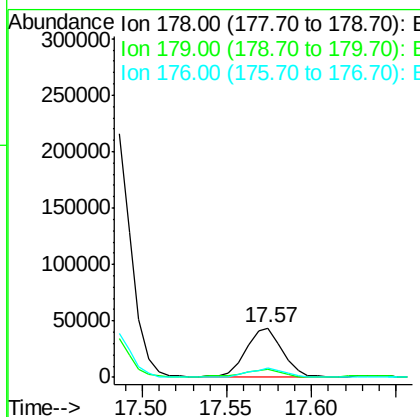
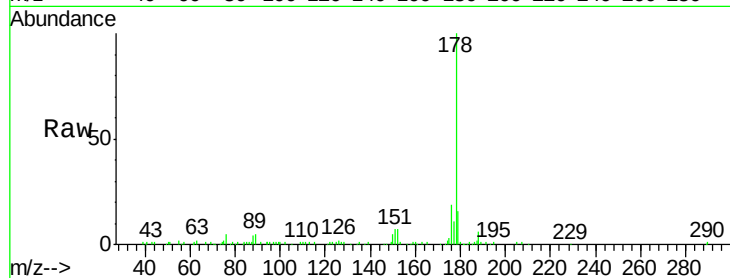
#71
 Anthracene
 Concen: 2.138 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042205.D
 Acq: 14 Aug 2019 11:15

Instrument :
 BNA_G
 ClientSampleID :
 CB5P2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.4	20.0
176	18.8	15.4	23.2

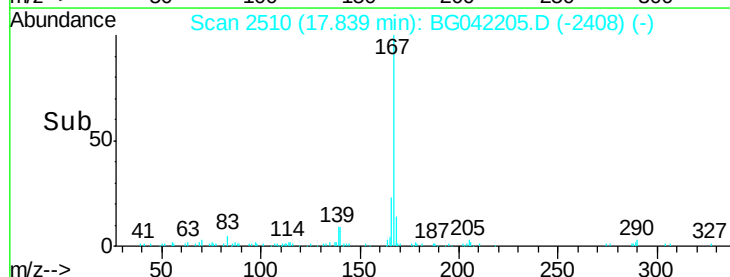
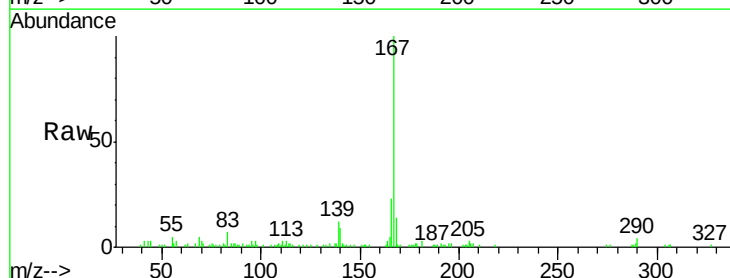
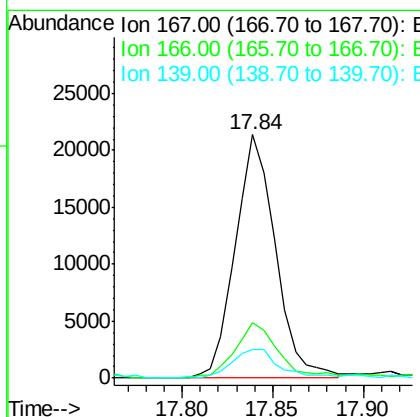
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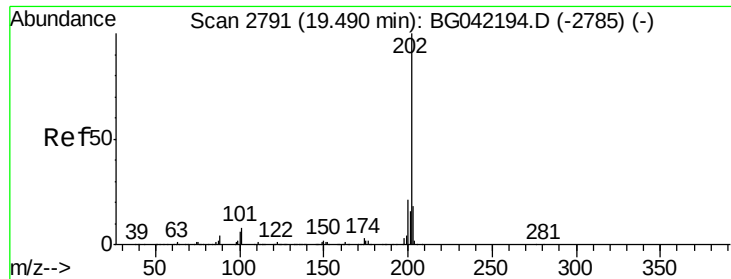
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#74
 Carbazole
 Concen: 1.309 ng/ul
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG042205.D
 Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	11.7	9.6	14.4





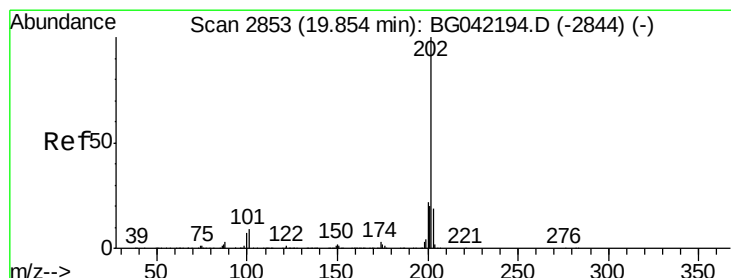
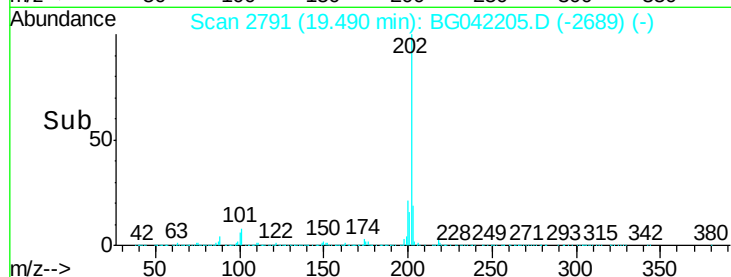
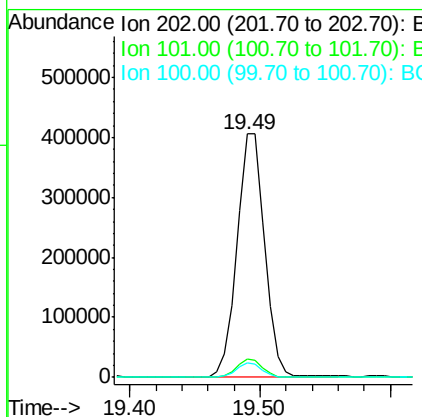
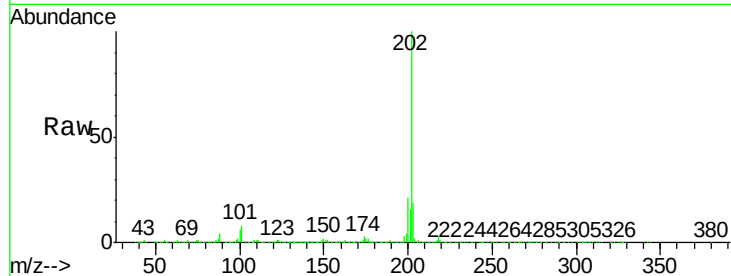
#76
Fluoranthene
Concen: 17.319 ng/ul m
RT: 19.49 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Instrument :
BNA_G
ClientSampled :
CB5P2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	599378		
101	7.7	6.7	10.1	
100	5.8	5.3	7.9	

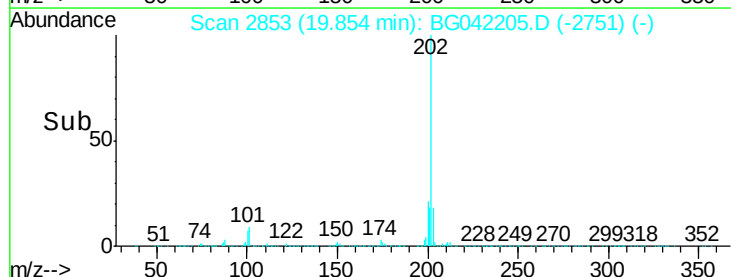
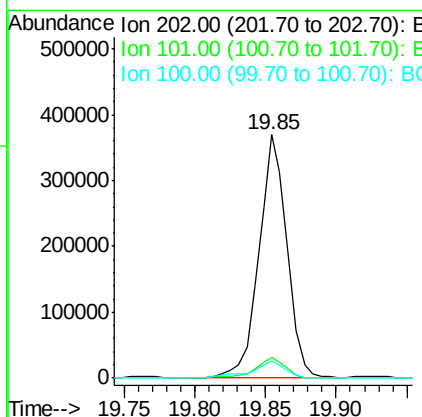
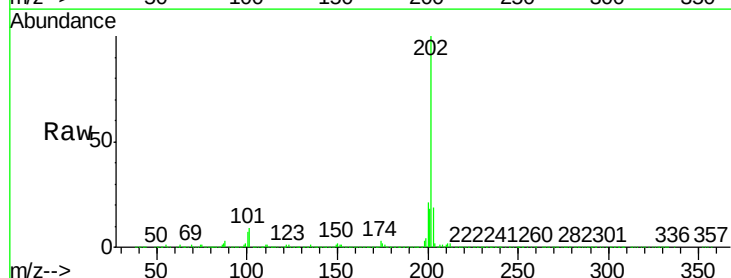
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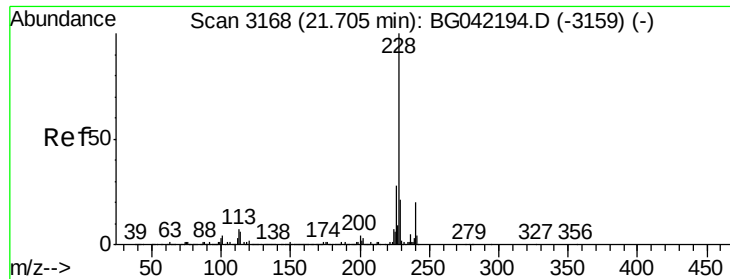
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#79
Pyrene
Concen: 14.288 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	512963		
101	8.7	7.6	11.4	
100	7.2	6.5	9.7	





#82

Benzo(a)anthracene

Concen: 7.952 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

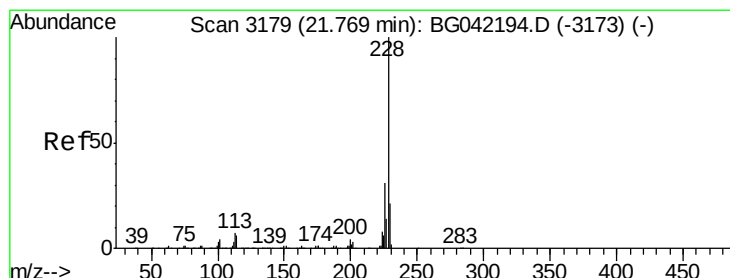
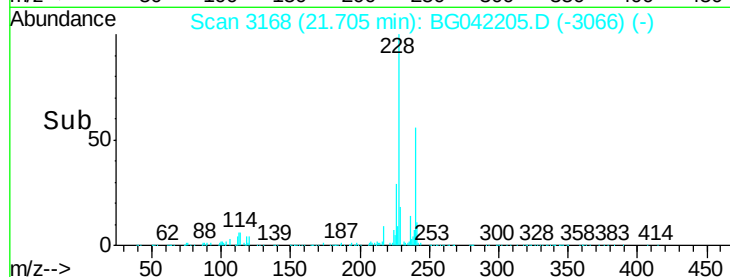
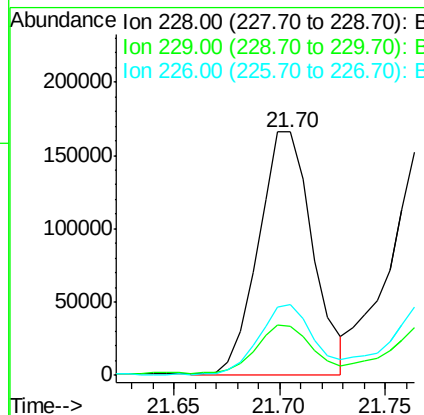
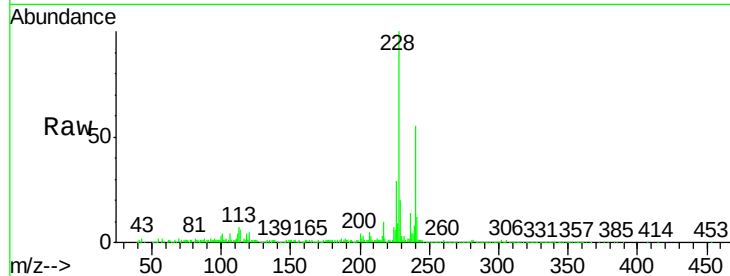
ClientSampled :

CB5P2

Tot Ion:	228	Resp:	294263
Ion Ratio	Lower	Upper	
228	100		
229	20.3	17.0	25.6
226	29.3	23.3	34.9

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#84

Chrysene

Concen: 8.870 ng/ul

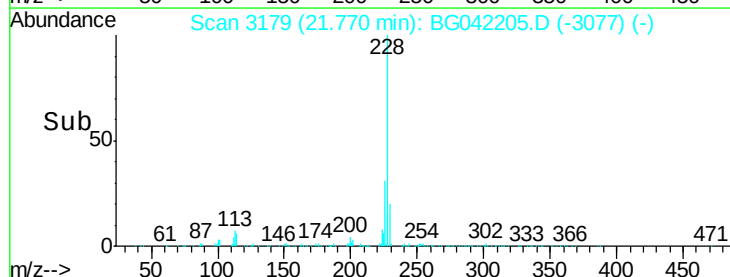
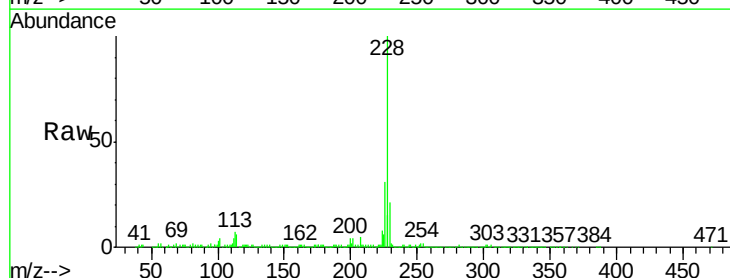
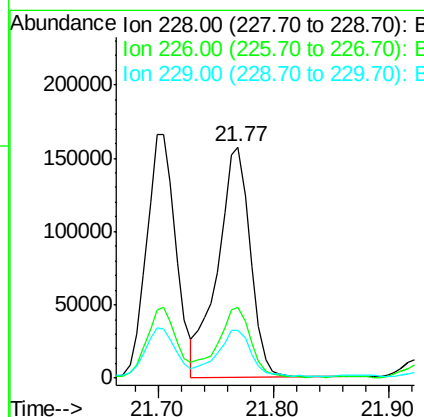
RT: 21.77 min Scan# 3179

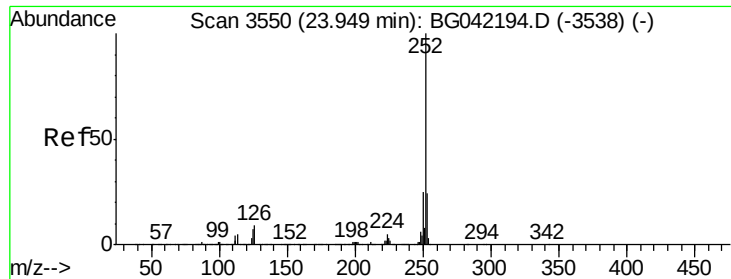
Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Tgt Ion:	228	Resp:	306360
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.7	38.5
229	20.6	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 10.303 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Instrument :

BNA_G

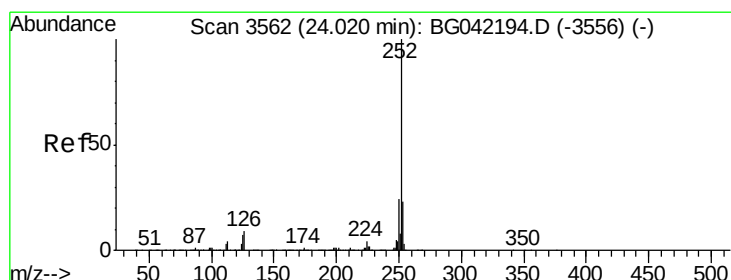
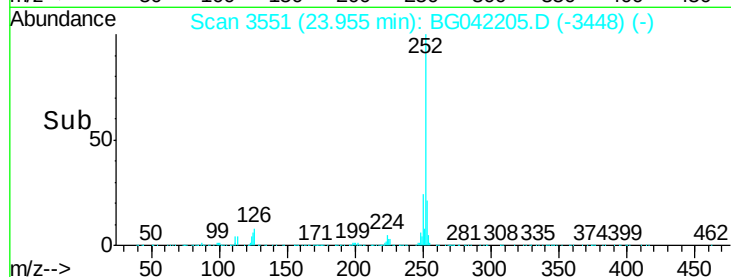
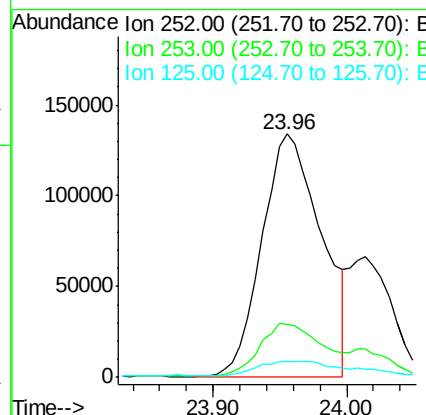
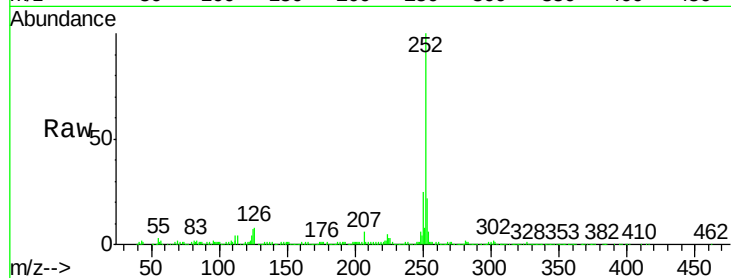
ClientSampleId :

CB5P2

Tot Ion:	252	Resp:	413939
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	6.7	5.8	8.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.927 ng/ul m

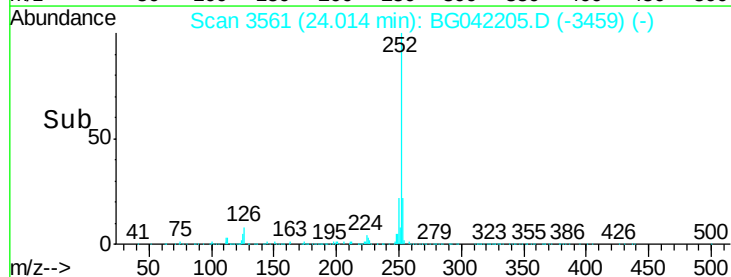
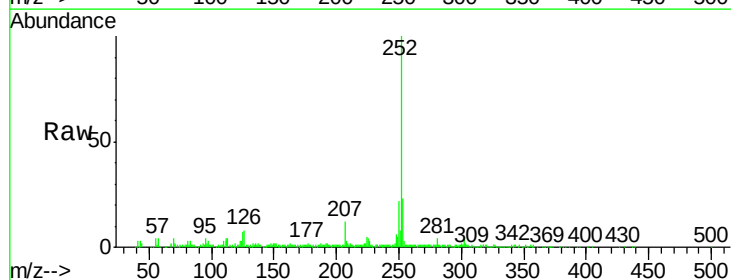
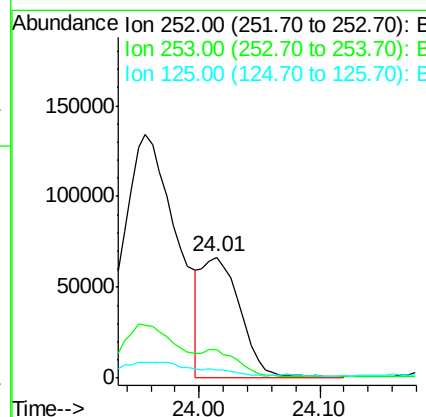
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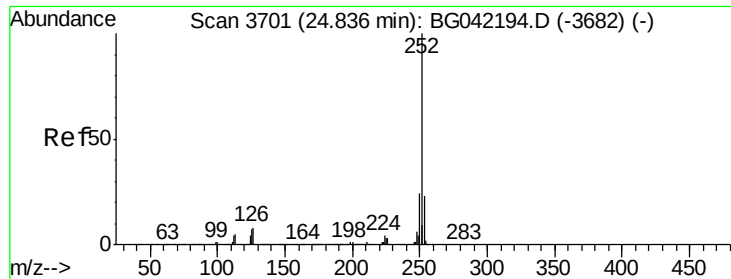
Delta R.T. 0.00 min

Lab File: BG042205.D

Acq: 14 Aug 2019 11:15

Tgt Ion:	252	Resp:	151704
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.3	27.5
125	6.8	5.5	8.3





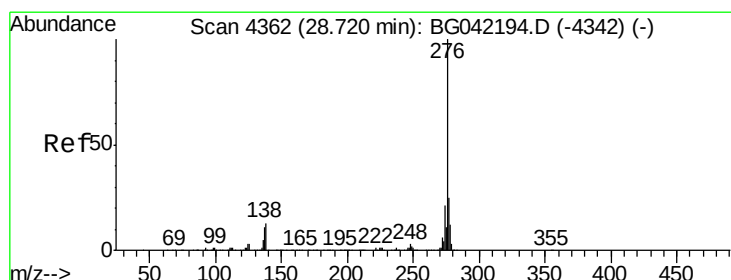
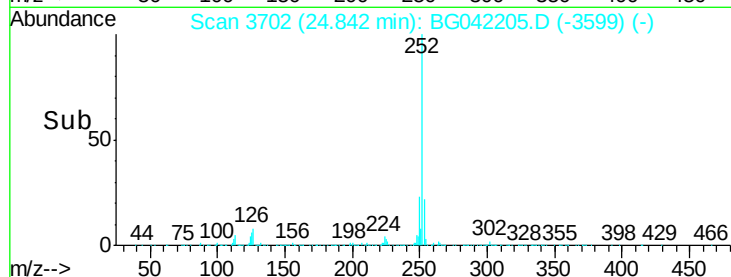
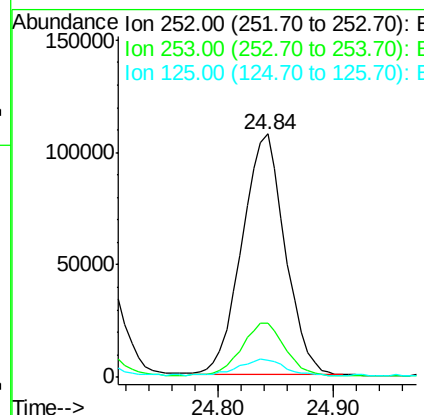
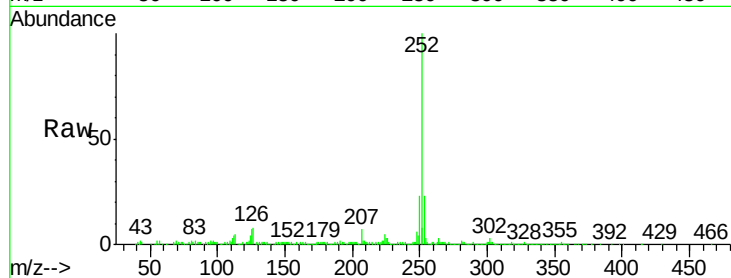
#90
Benzo(a)pyrene
Concen: 7.249 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Instrument :
BNA_G
ClientSampleID :
CB5P2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.8	6.5	9.7

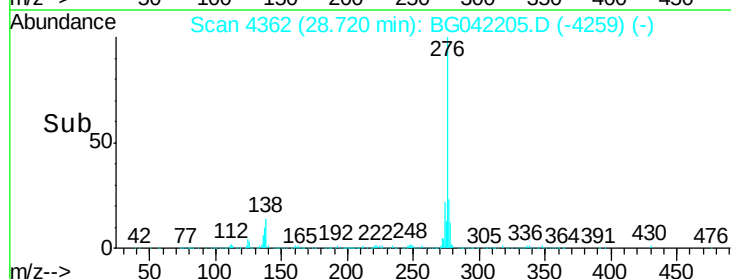
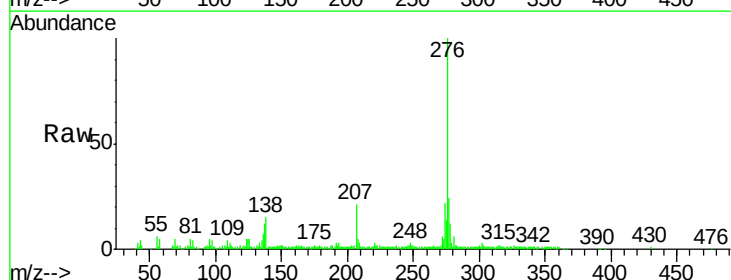
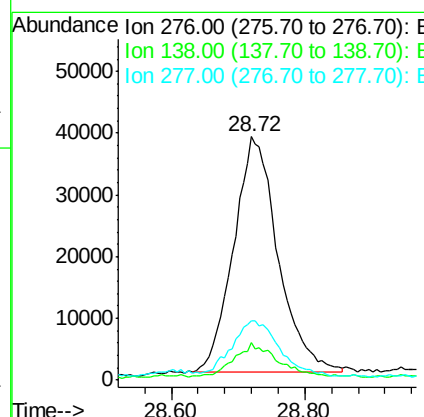
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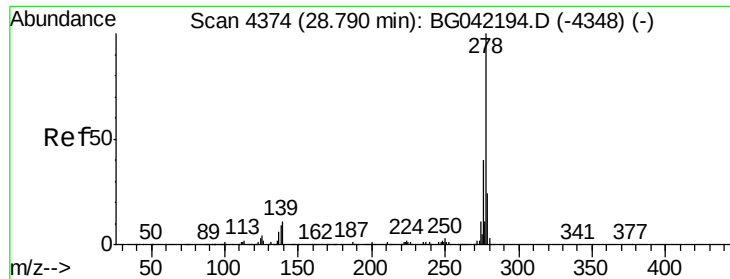
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.945 ng/ul
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.2	12.0	18.0
277	24.2	19.2	28.8





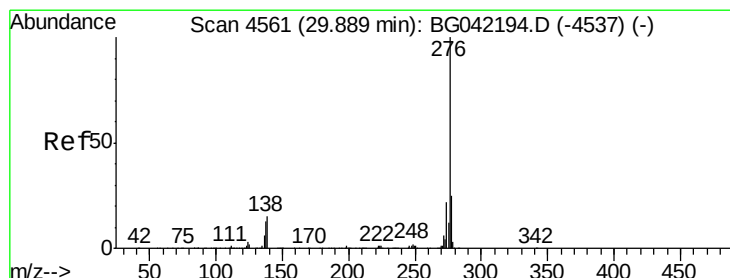
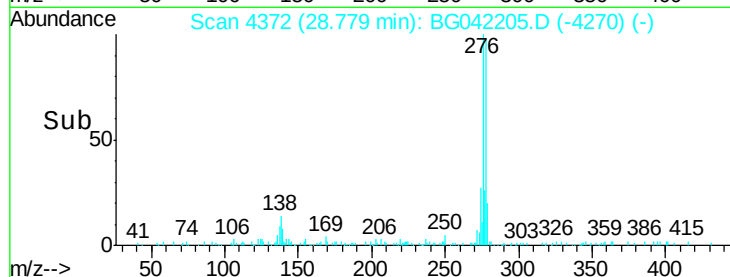
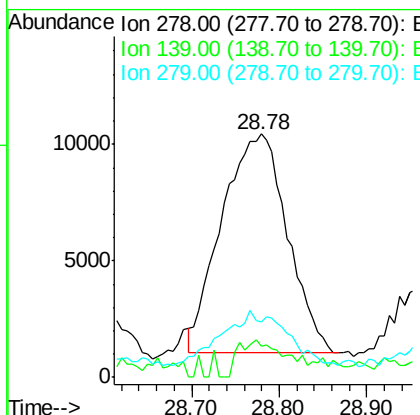
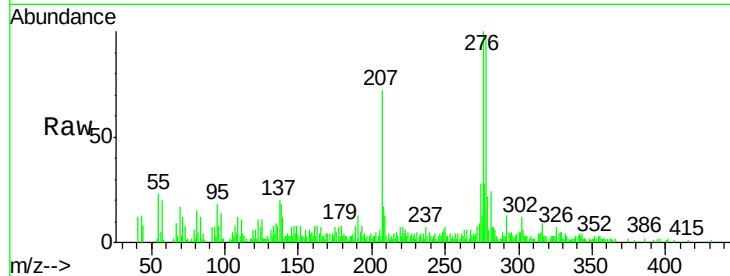
#92
Dibenzo(a,h)anthracene
Concen: 1.329 ng/ul
RT: 28.78 min Scan# 4372
Delta R.T. 0.00 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Instrument :
BNA_G
ClientSampled :
CB5P2

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.4	14.0#
279	23.0	19.2	28.8

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 4.067 ng/ul
RT: 29.89 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BG042205.D
Acq: 14 Aug 2019 11:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.6	18.8
277	24.2	19.2	28.8

