

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042211.D
 Acq On : 14 Aug 2019 15:48
 Operator : HP/JU
 Sample : K4304-15
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P6

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:12:11 PM

Quant Time: Aug 15 10:04:44 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	88335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	364022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	248486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	508019	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	495026	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	592839	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6113	3.03	ng/uL	0.00
5) Phenol-d5	7.18	99	140120	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	70143	18.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	128276	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	116688	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	64226	23.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	76863	24.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	141501	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	161866	22.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	432919	22.46	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	504561	22.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54929	16.97	ng/ul	0.00
57) Fluorene-d10	15.68	176	378971	22.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	50708	15.56	ng/ul	0.00
70) Anthracene-d10	17.54	188	551574	22.63	ng/ul	0.00
78) Pyrene-d10	19.83	212	652230	23.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	742821	23.99	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.90	128	20726	1.114	ng/ul	95
44) Dimethylphthalate	14.13	163	81947	4.283	ng/ul	97
58) Fluorene	15.73	166	23091	1.236	ng/ul	96
69) Phenanthrene	17.48	178	400872	14.414	ng/ul	99
71) Anthracene	17.57	178	65668	2.328	ng/ul	99
76) Fluoranthene	19.49	202	656279	20.423	ng/ul	97
79) Pyrene	19.85	202	516419	15.509	ng/ul	99
82) Benzo(a)anthracene	21.70	228	312220	9.097	ng/ul	99
84) Chrysene	21.77	228	301478	9.411	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	427745	11.497	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	139135m	3.890	ng/ul	
90) Benzo(a)pyrene	24.84	252	252457	7.121	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	163953	3.965	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	45043	1.335	ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	127082	3.681	ng/ul#	95

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

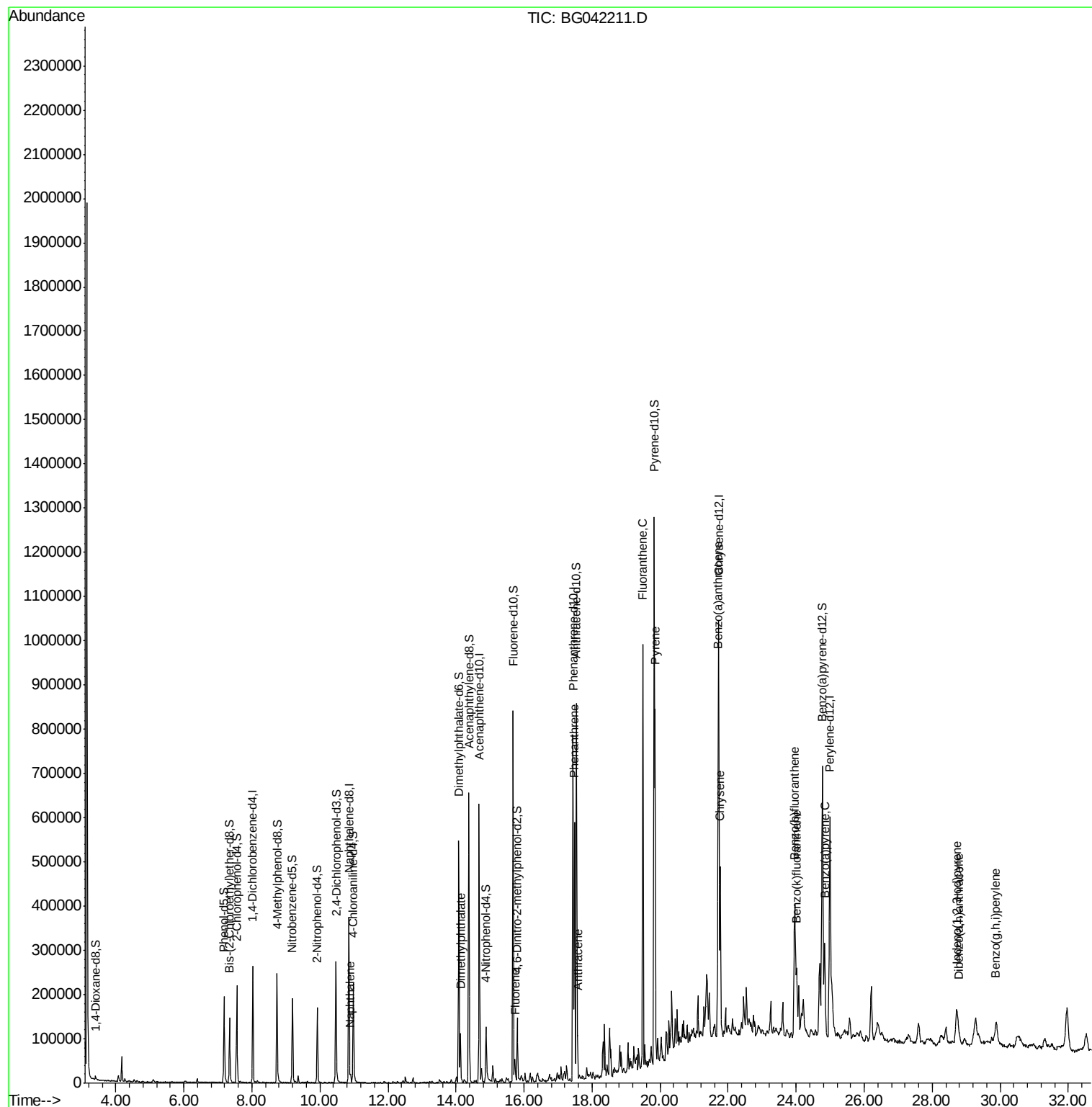
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042211.D
Acq On : 14 Aug 2019 15:48
Operator : HP/JU
Sample : K4304-15
Misc :
ALS Vial : 73 Sample Multiplier: 1

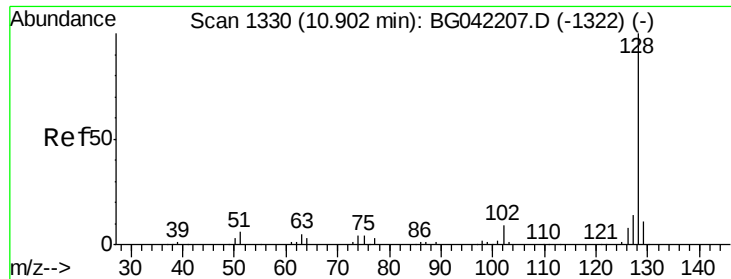
Instrument :
BNA_G
ClientSampleId :
CB5P6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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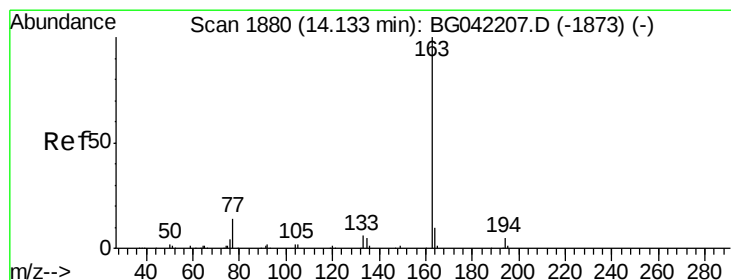
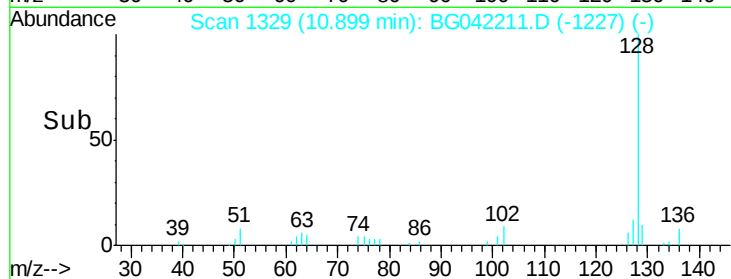
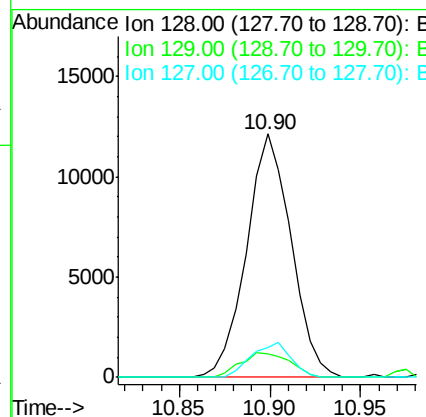
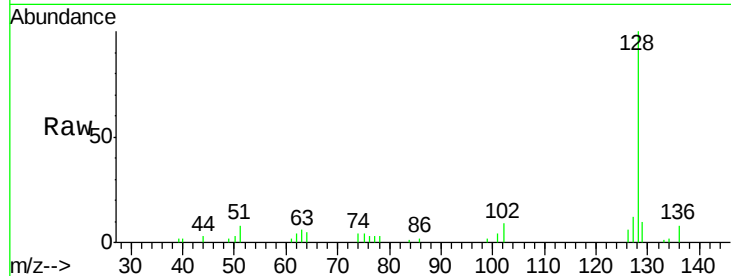
#28
Naphthalene
Concen: 1.114 ng/ul
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Instrument :
BNA_G
ClientSampleId :
CB5P6

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.5	14.3
127	12.2	11.4	17.0

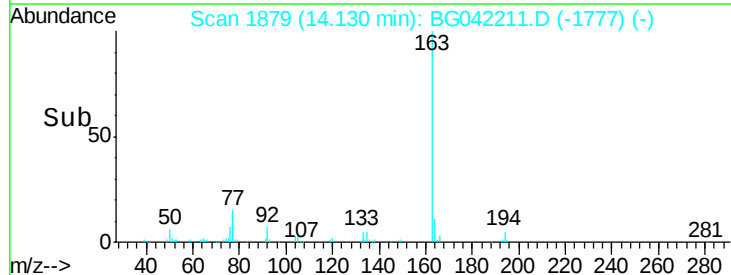
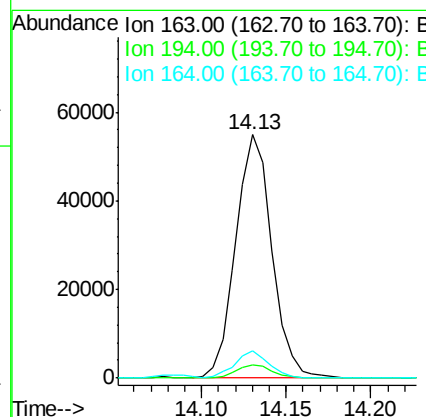
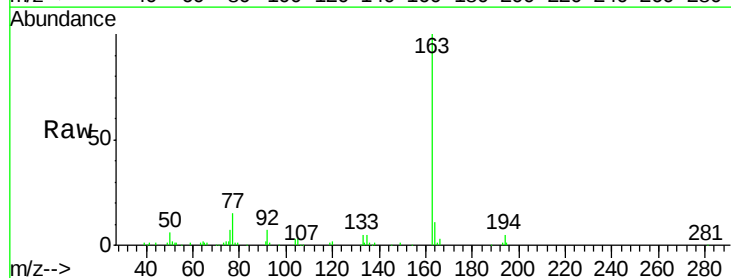
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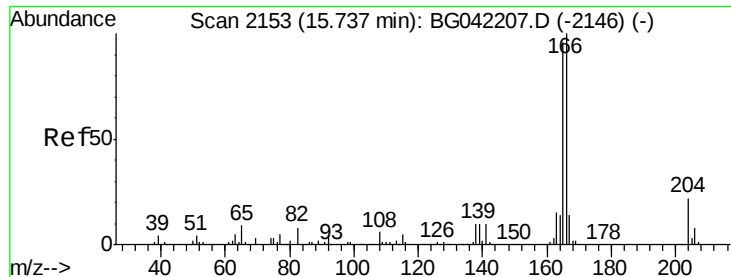
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#44
Dimethylphthalate
Concen: 4.283 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	11.4	7.8	11.8





#58

Fluorene

Concen: 1.236 ng/ul

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

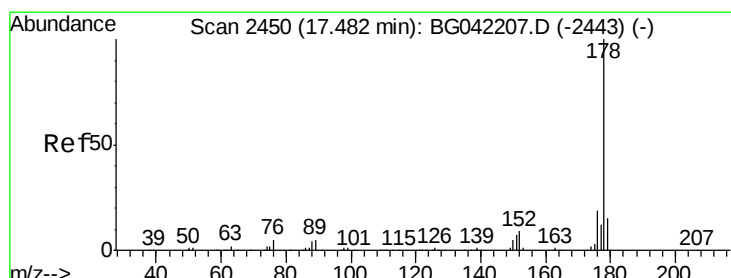
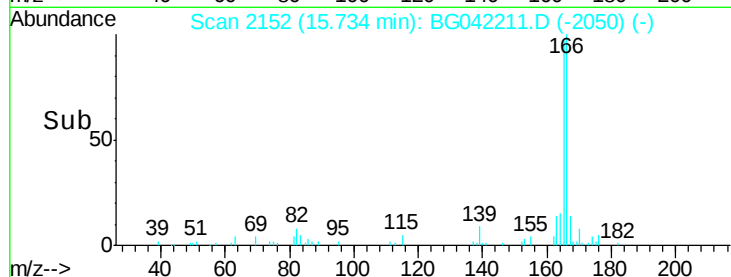
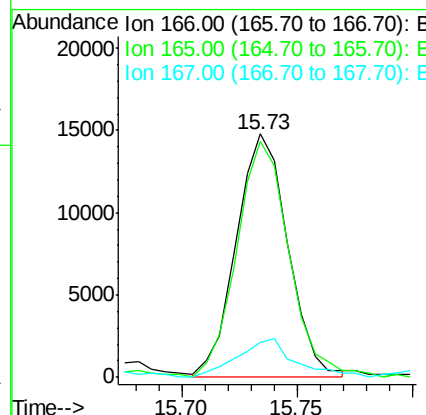
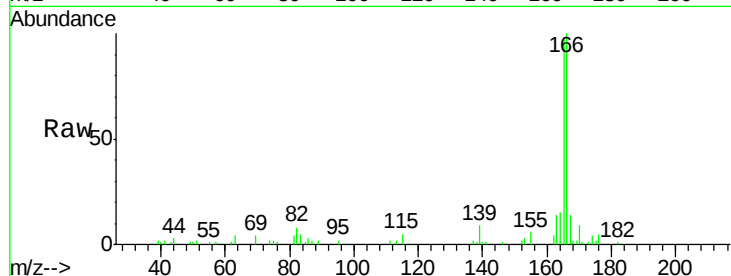
ClientSampleId :

CB5P6

Tot Ion:	166	Resp:	23091
Ion Ratio	Lower	Upper	
166	100		
165	96.8	81.1	121.7
167	14.3	11.0	16.4

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#69

Phenanthrene

Concen: 14.414 ng/ul

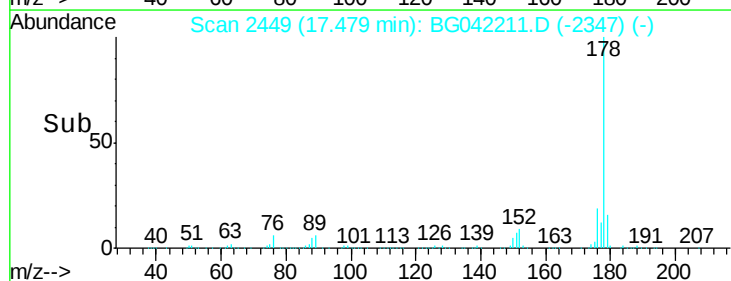
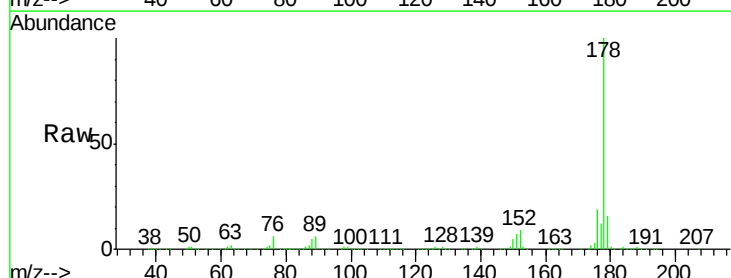
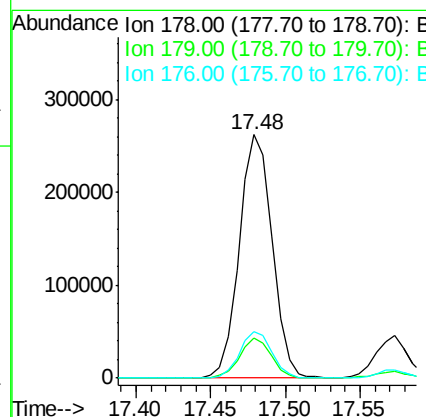
RT: 17.48 min Scan# 2449

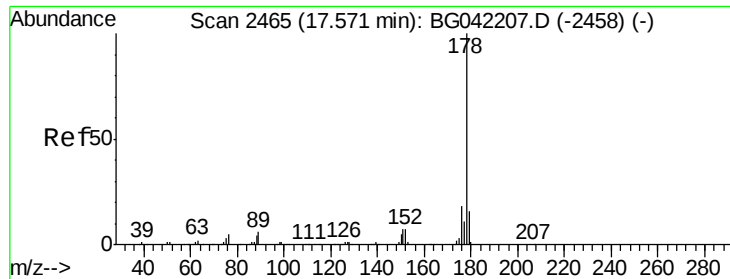
Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Tgt Ion:	178	Resp:	400872
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	19.1	15.4	23.2





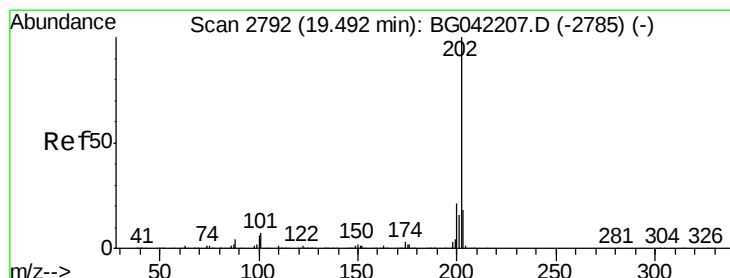
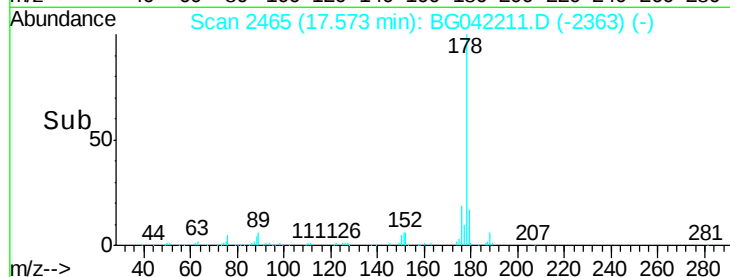
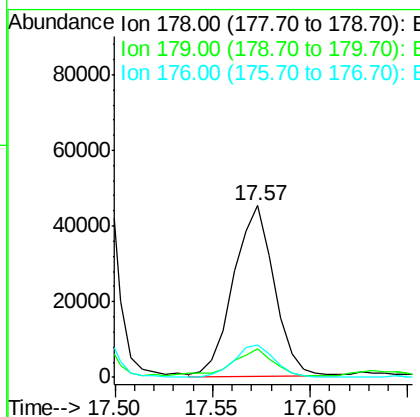
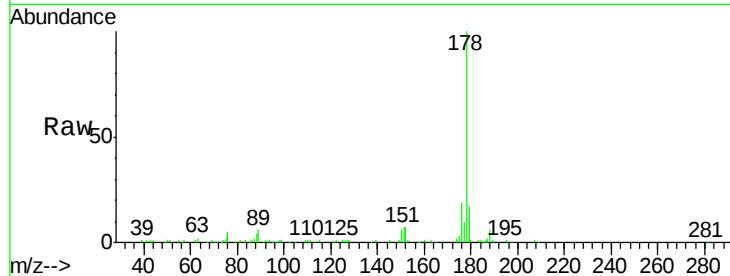
#71
 Anthracene
 Concen: 2.328 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

Instrument :
 BNA_G
 ClientSampleId :
 CB5P6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.0
176	18.7	15.4	23.2

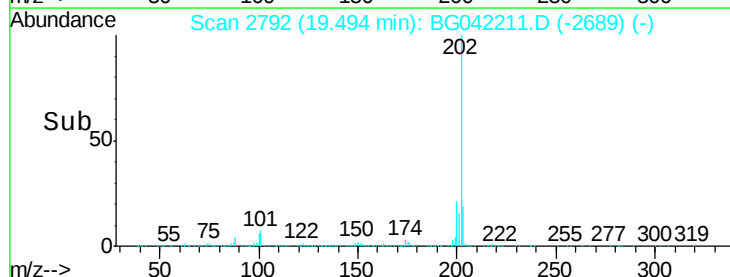
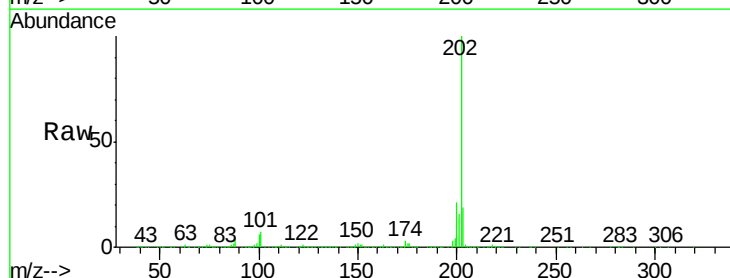
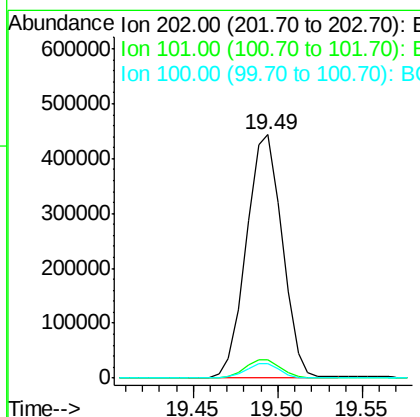
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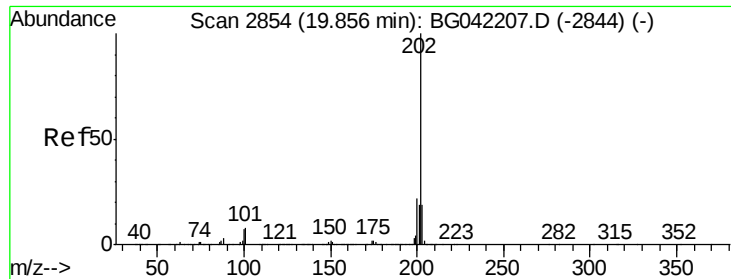
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#76
 Fluoranthene
 Concen: 20.423 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.7	10.1
100	5.8	5.3	7.9





#79

Pvrene

Concen: 15.509 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

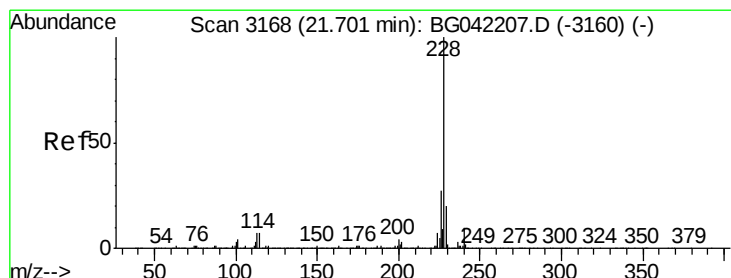
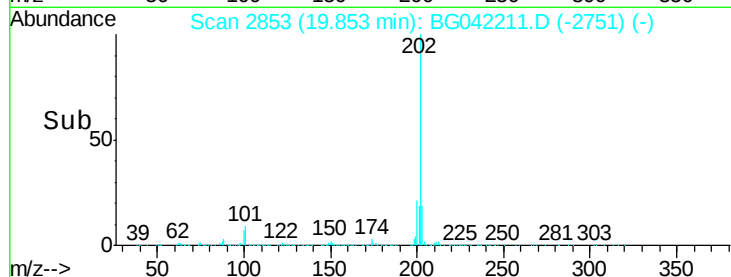
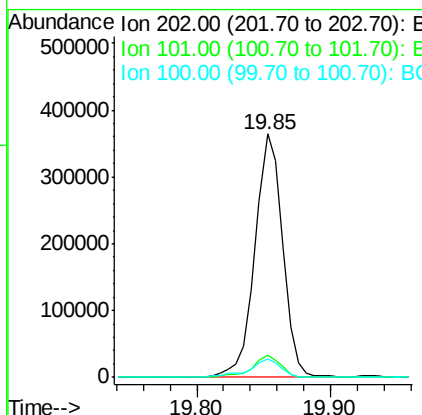
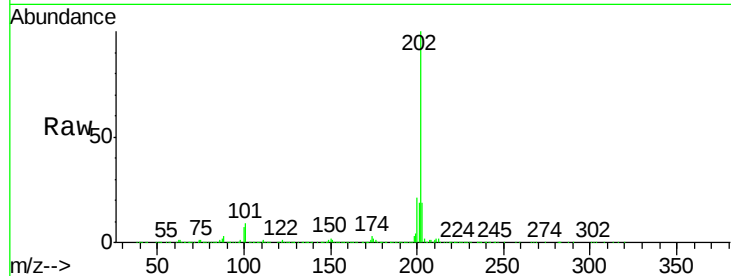
ClientSampleId :

CB5P6

Tot Ion:	202	Resp:	516419
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.6	11.4
100	7.4	6.5	9.7

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#82

Benzo(a)anthracene

Concen: 9.097 ng/ul

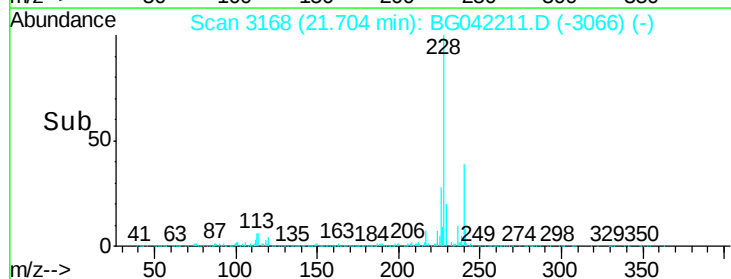
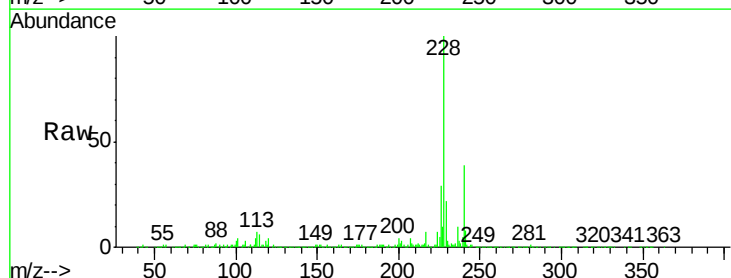
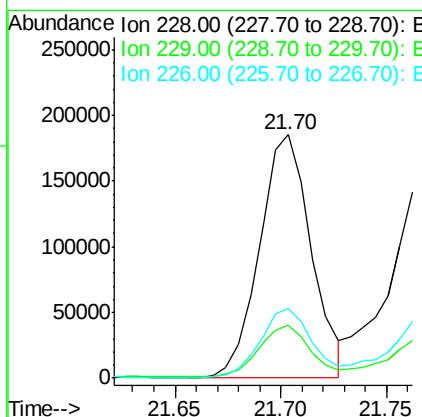
RT: 21.70 min Scan# 3168

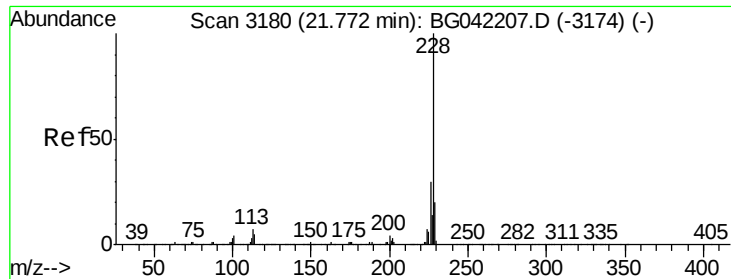
Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Tgt Ion:	228	Resp:	312220
Ion Ratio	Lower	Upper	
228	100		
229	21.6	17.0	25.6
226	28.7	23.3	34.9





#84

Chrysene

Concen: 9.411 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

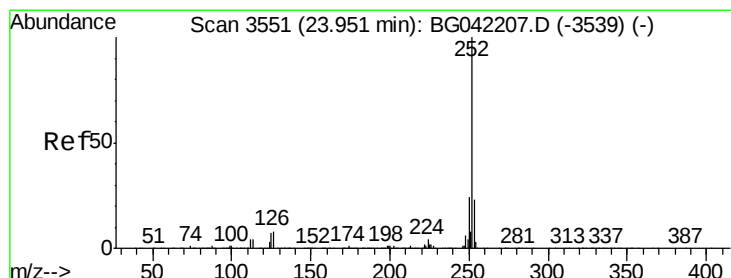
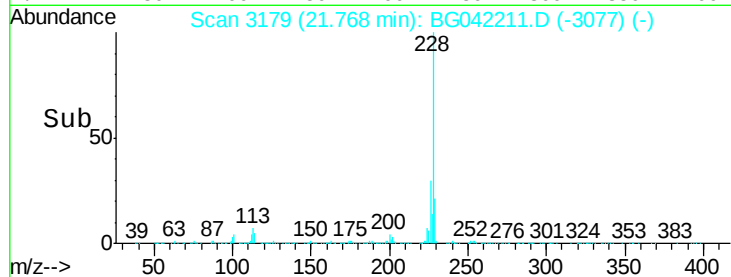
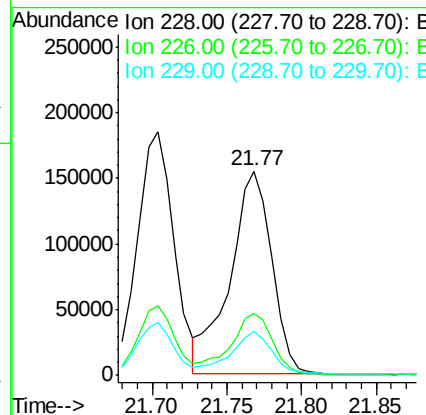
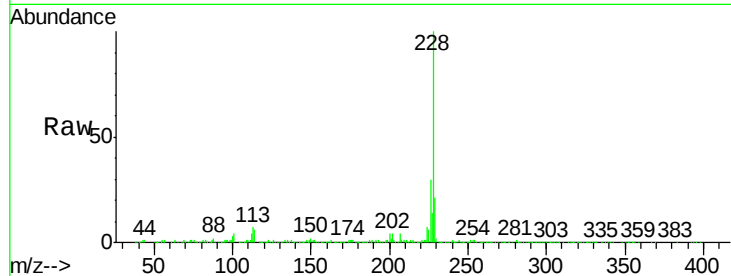
ClientSampled :

CB5P6

Tot Ion:	228	Resp:	301478
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.7	38.5
229	21.3	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 11.497 ng/ul

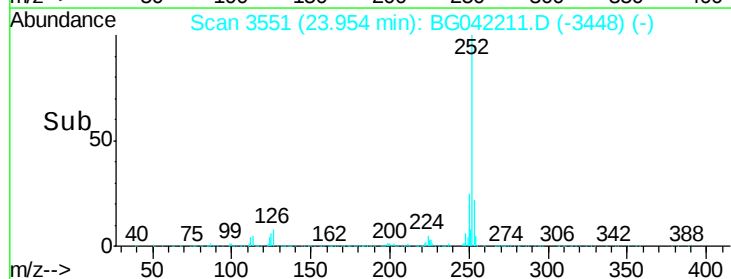
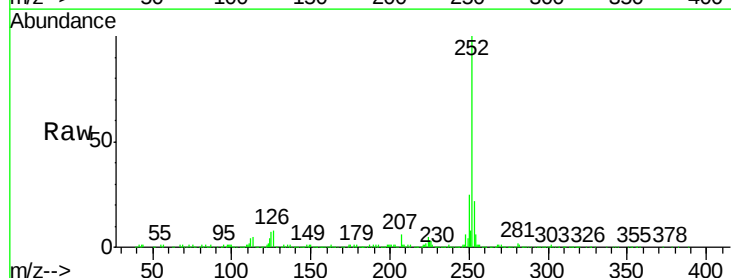
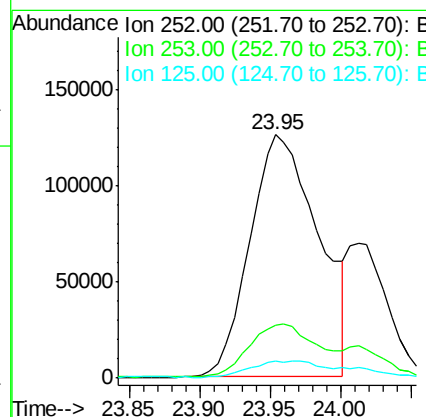
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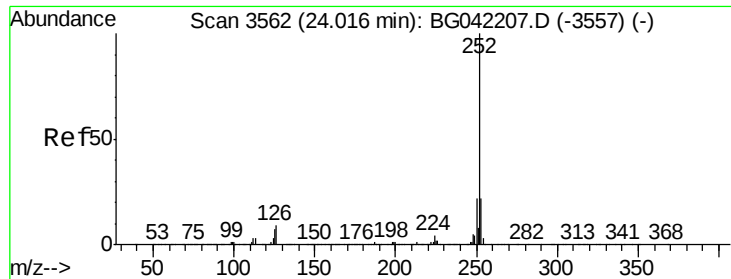
Delta R.T. 0.01 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Tgt Ion:	252	Resp:	427745
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	6.8	5.8	8.8





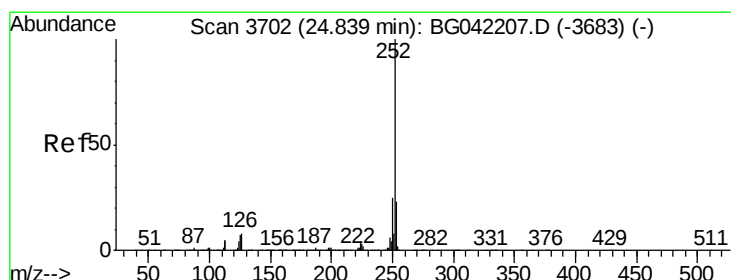
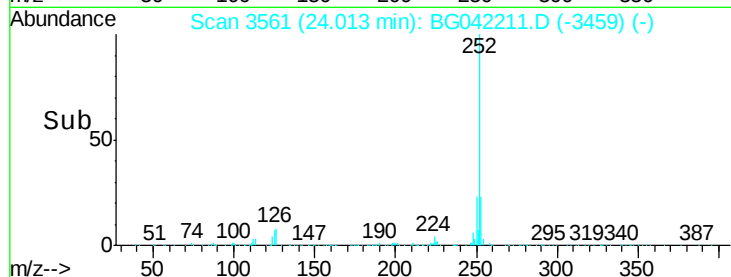
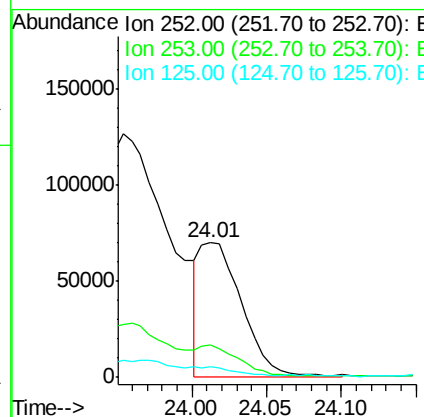
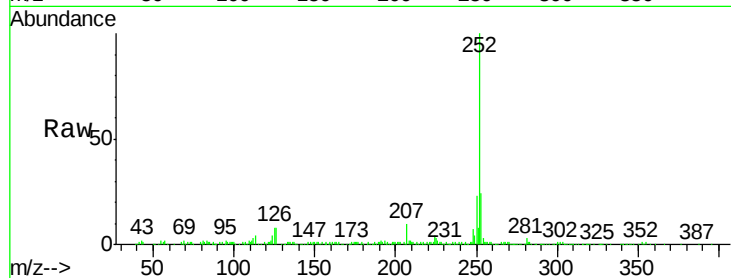
#88
Benzo(k)fluoranthene
Concen: 3.890 ng/ul m
RT: 24.01 min Scan# 3561
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Instrument :
BNA_G
ClientSampleId :
CB5P6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	7.8	5.5	8.3

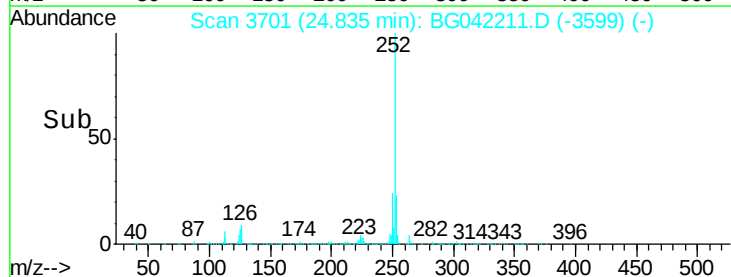
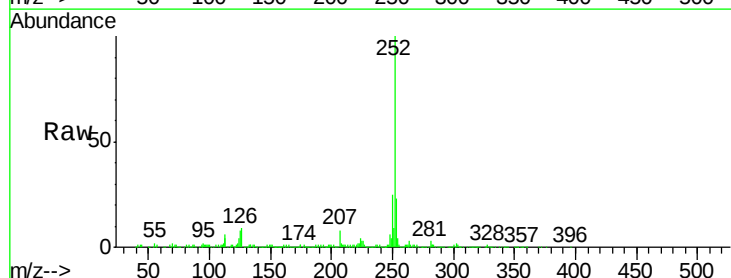
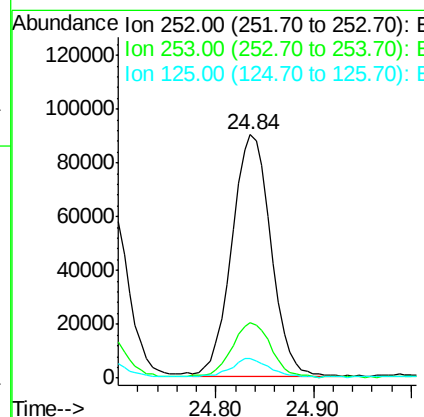
Manual Integrations
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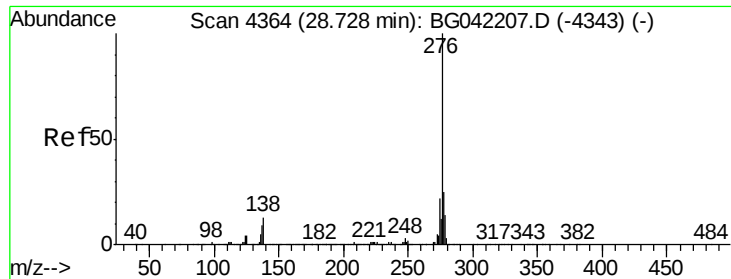
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#90
Benzo(a)pyrene
Concen: 7.121 ng/ul
RT: 24.84 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	7.9	6.5	9.7





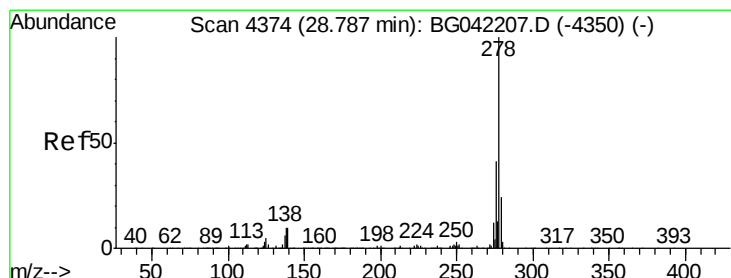
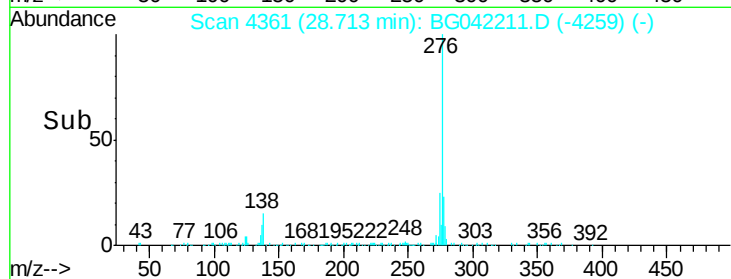
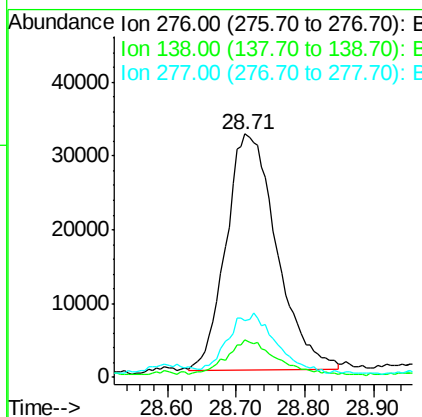
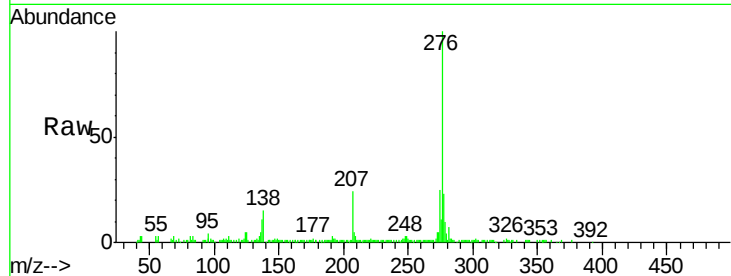
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.965 ng/ul
 RT: 28.71 min Scan# 4361
 Delta R.T. -0.00 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

Instrument :
 BNA_G
 ClientSampleId :
 CB5P6

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.0	18.0
277	23.3	19.2	28.8

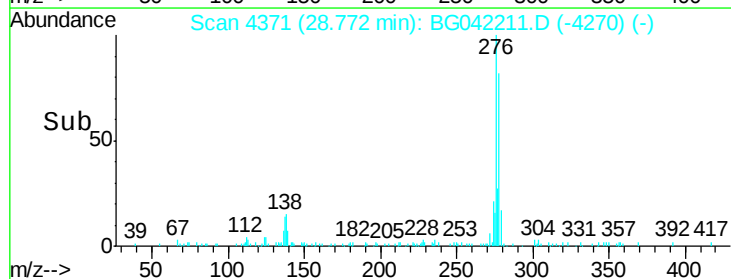
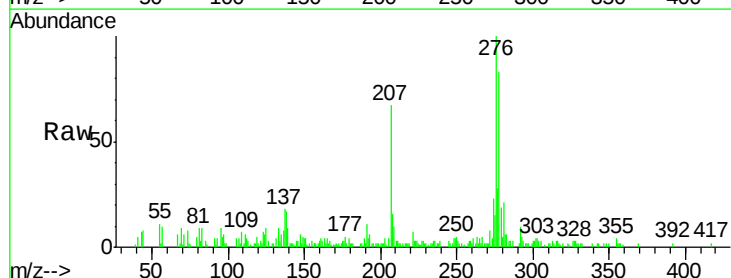
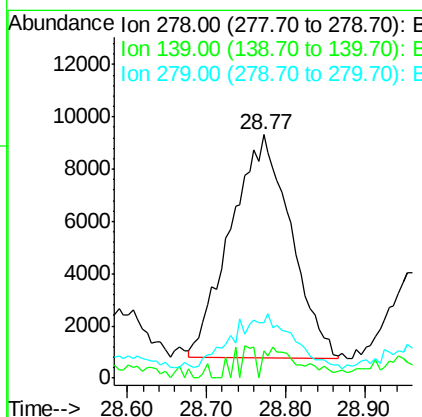
Manual Integrations
 APPROVED

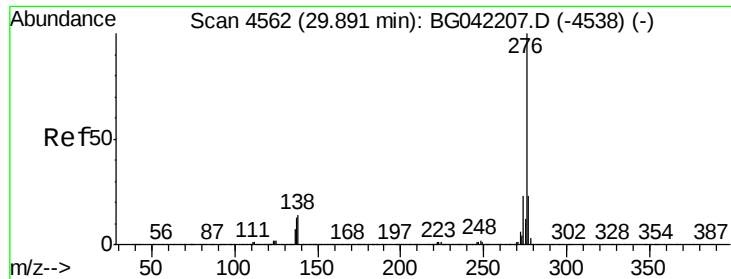
mohammad
 8/15/2019 5:12:11 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.335 ng/ul
 RT: 28.77 min Scan# 4371
 Delta R.T. -0.01 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.4	14.0
279	23.0	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 3.681 ng/ul

RT: 29.88 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

ClientSampleId :

CB5P6

Tot Ion:	276	Resp:	127082
Ion Ratio	Lower	Upper	
276	100		
138	10.9	12.6	18.8#
277	24.1	19.2	28.8

Manual Integrations
APPROVED

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