

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042028.D
 Acq On : 7 Aug 2019 13:04
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP68

Manual Integrations
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 8/7/2019 4:40:49 PM

Quant Time: Aug 07 16:09:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	78661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334839	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236370	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	490245	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	476707	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	573716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3830	2.13	ng/uL	0.00
5) Phenol-d5	7.18	99	91779	14.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	47695	13.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	83815	15.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	77177	14.89	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	41983	16.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	52320	17.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	101333	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	84669	12.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	322954	17.62	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	376415	17.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	38272	12.43	ng/ul	0.00
57) Fluorene-d10	15.68	176	286645	17.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	43563	13.85	ng/ul	0.00
70) Anthracene-d10	17.54	188	428197	18.21	ng/ul	0.00
78) Pyrene-d10	19.83	212	472105	17.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	535696	17.87	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	148965	8.184	ng/ul 98
69) Phenanthrene	17.48	178	301466	11.233	ng/ul 99
71) Anthracene	17.57	178	69619	2.558	ng/ul 99
76) Fluoranthene	19.49	202	675665	21.789	ng/ul 96
79) Pyrene	19.86	202	823193	25.672	ng/ul 97
82) Benzo(a)anthracene	21.70	228	544666	16.479	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.62	149	2903499	168.602	ng/ul# 80
84) Chrysene	21.77	228	557409	18.069	ng/ul 98
87) Benzo(b)fluoranthene	23.96	252	562952	15.636	ng/ul 100
88) Benzo(k)fluoranthene	24.02	252	253808m	7.332	ng/ul
90) Benzo(a)pyrene	24.84	252	514529	14.997	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.72	276	304257	7.603	ng/ul 96
92) Dibenzo(a,h)anthracene	28.77	278	101817m	3.119	ng/ul
93) Benzo(g,h,i)perylene	29.89	276	298657	8.939	ng/ul 99

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

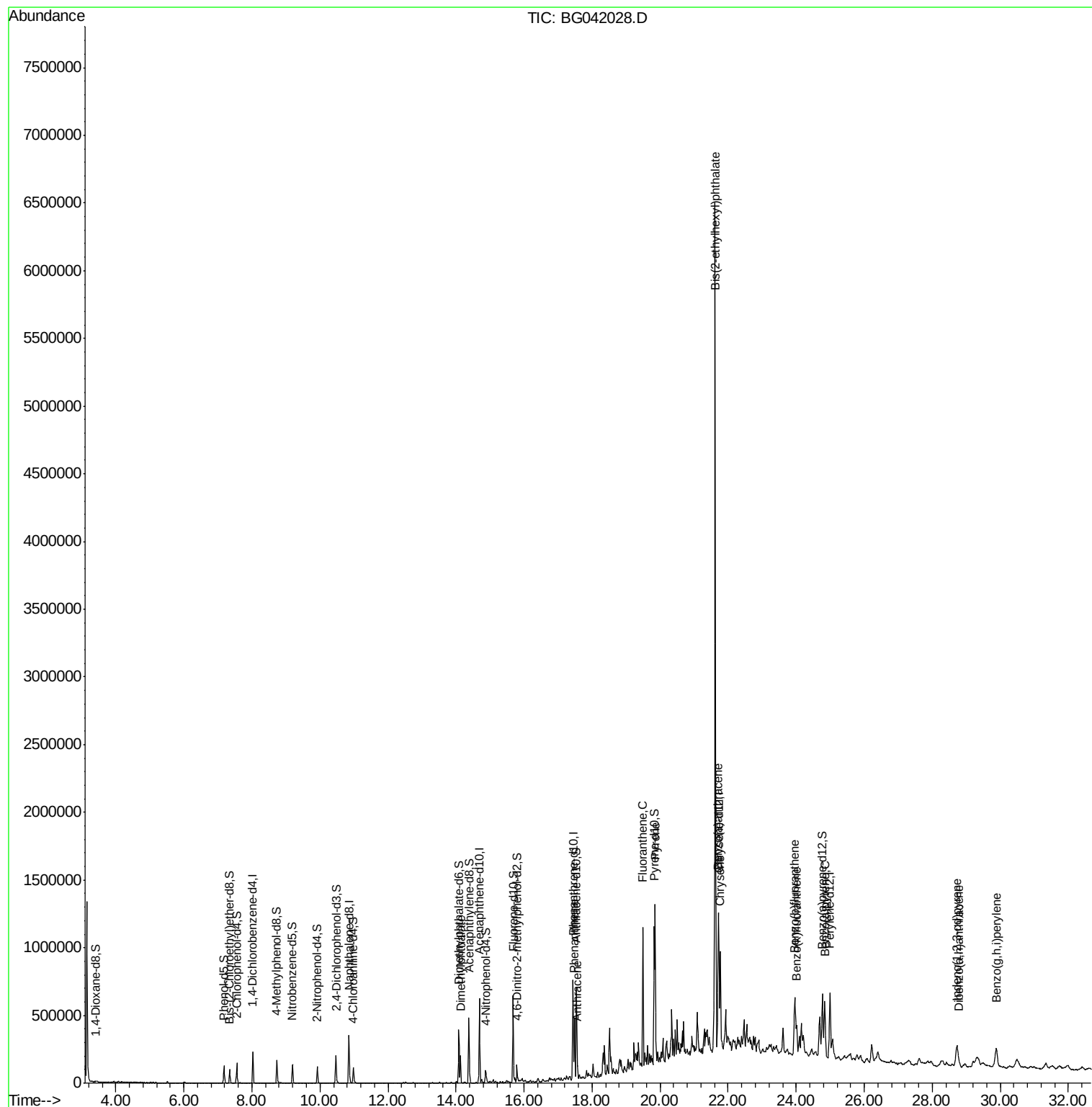
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042028.D
Acq On : 7 Aug 2019 13:04
Operator : HP/JU
Sample : K4028-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

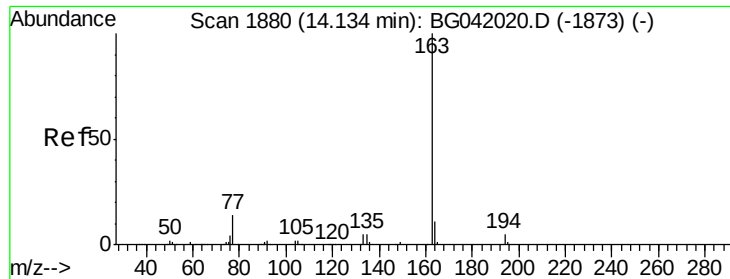
Instrument :
BNA_G
ClientSampleId :
BEP68

Quant Time: Aug 07 16:09:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

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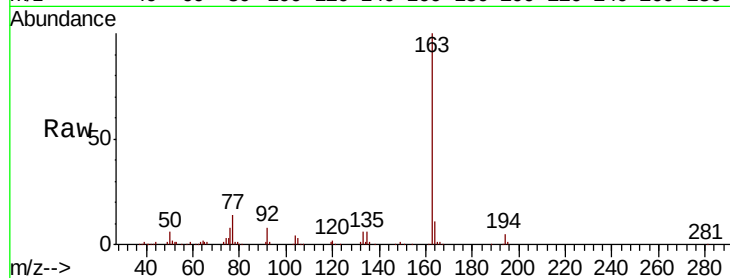
#44
Dimethylphthalate
Concen: 8.184 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Instrument :
BNA_G
ClientSampleId :
BEP68

Tot Ion	Ratio	Resp	Lower	Upper
163	100	148965		
194	5.4		4.2	6.2
164	10.9		7.8	11.8

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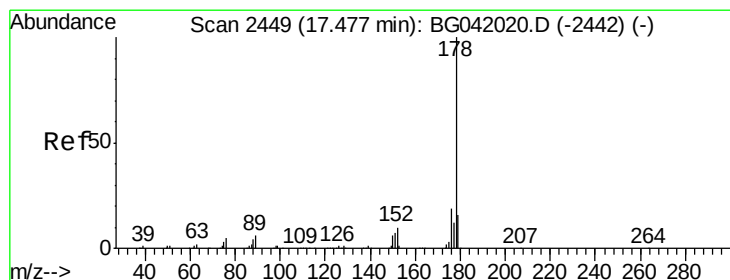
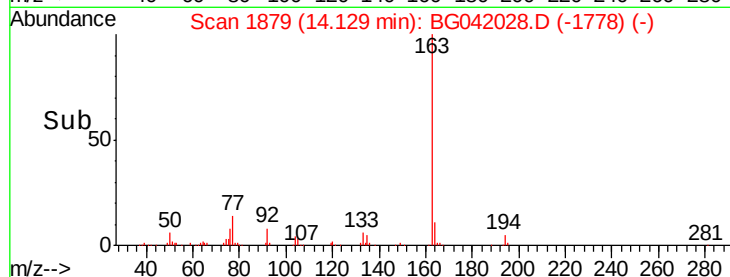
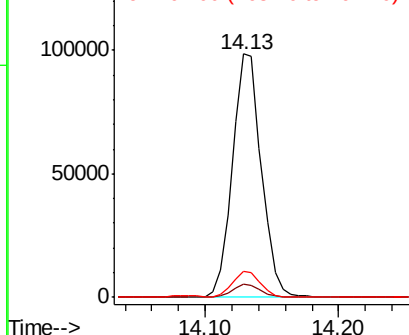


Abundance

Ion 163.00 (162.70 to 163.70): E

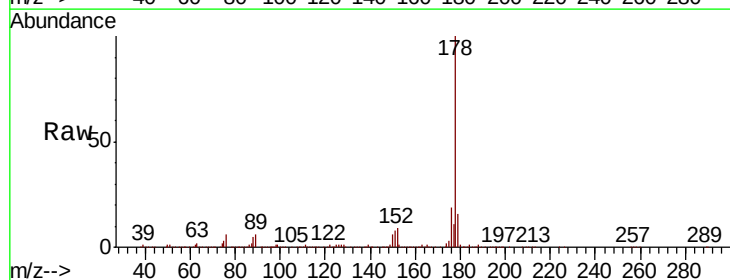
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 11.233 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	301466		
179	15.8		12.8	19.2
176	19.0		15.4	23.2

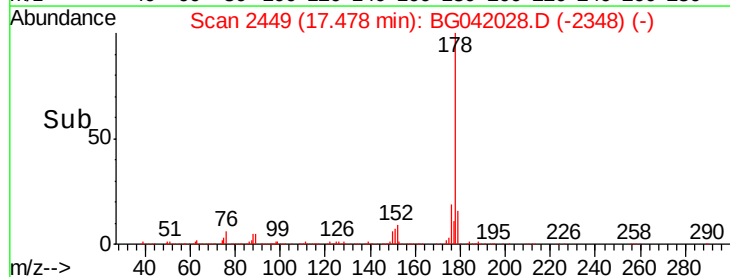
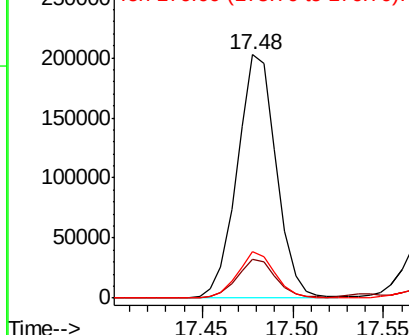


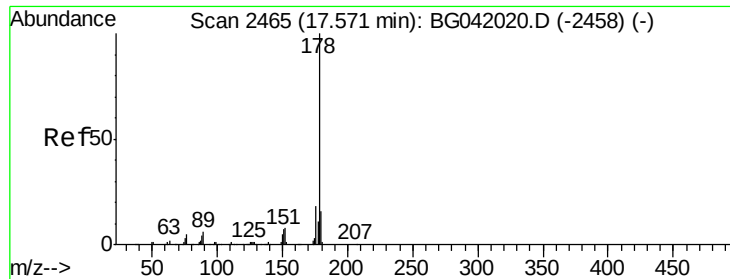
Abundance

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





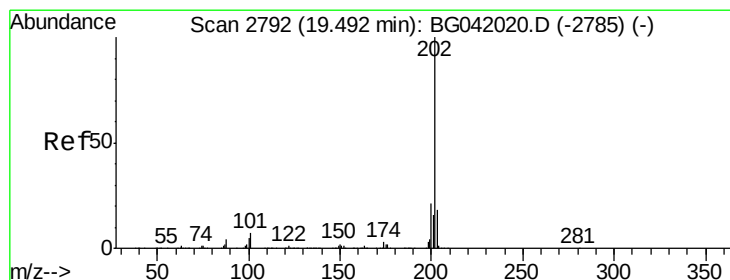
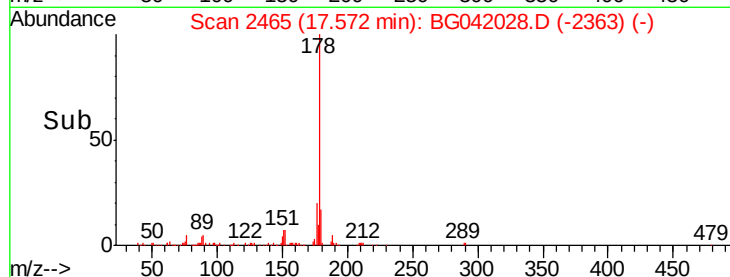
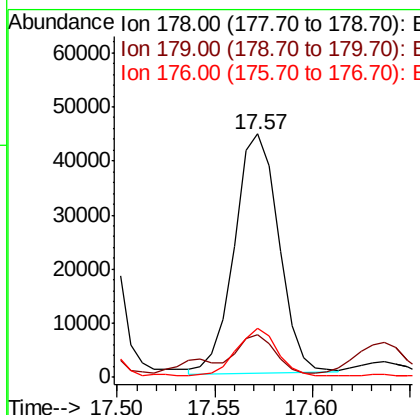
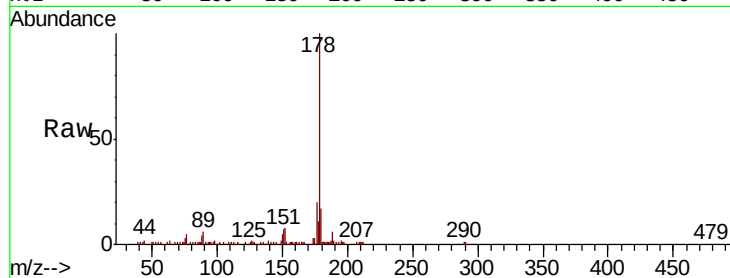
#71
 Anthracene
 Concen: 2.558 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

Instrument :
 BNA_G
 ClientSampled :
 BEP68

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.4	20.0
176	19.9	15.4	23.2

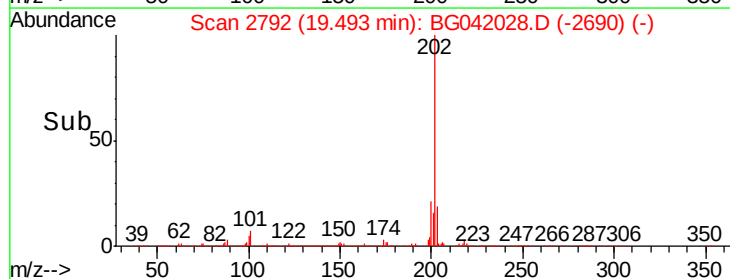
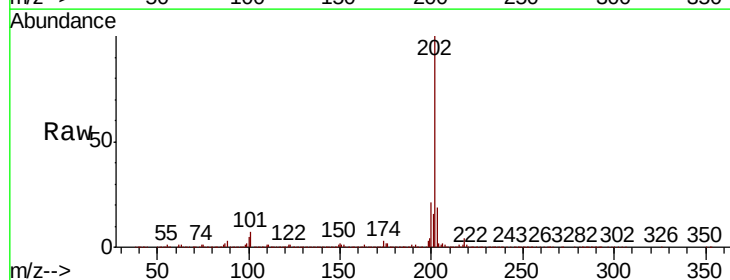
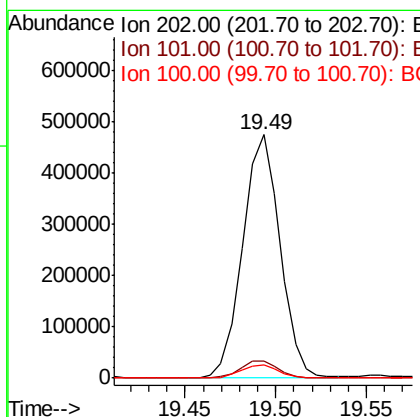
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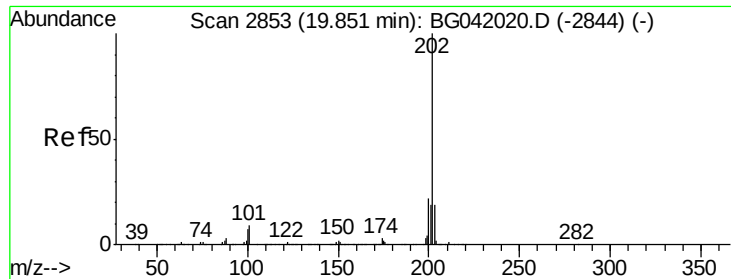
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#76
 Fluoranthene
 Concen: 21.789 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.7	10.1
100	5.3	5.3	7.9





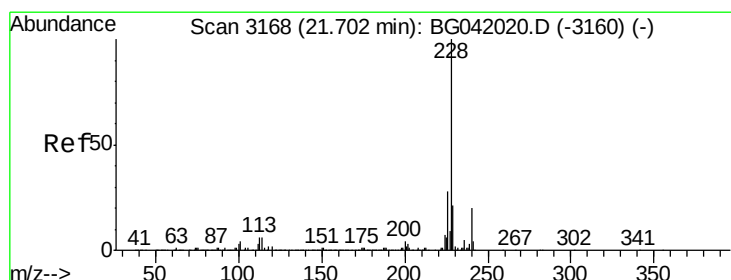
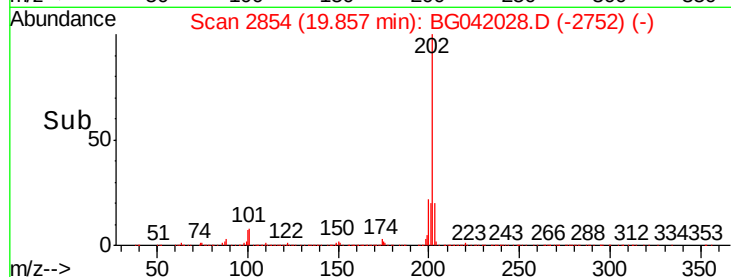
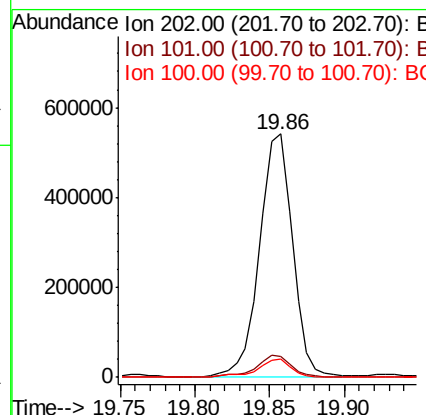
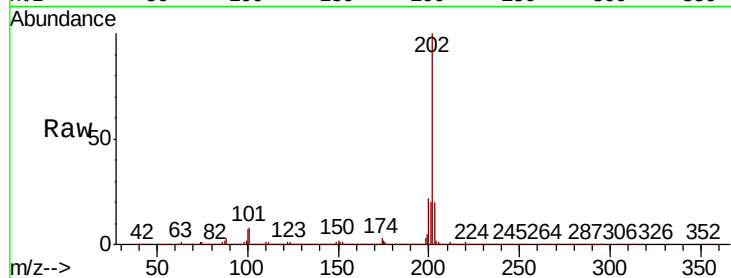
#79
Pvrene
Concen: 25.672 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Instrument :
BNA_G
ClientSampleId :
BEP68

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	7.6	11.4
100	7.3	6.5	9.7

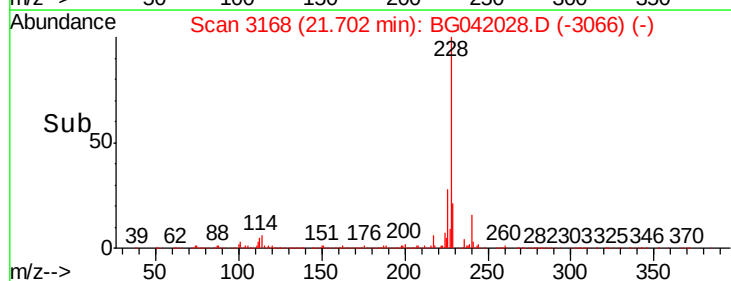
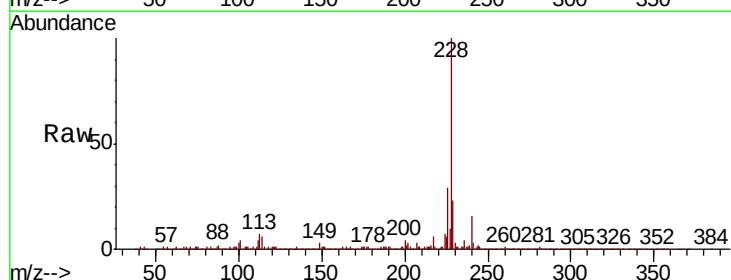
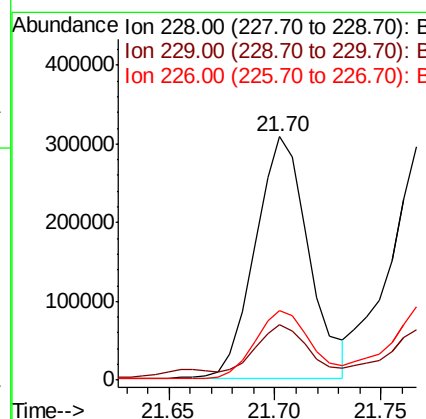
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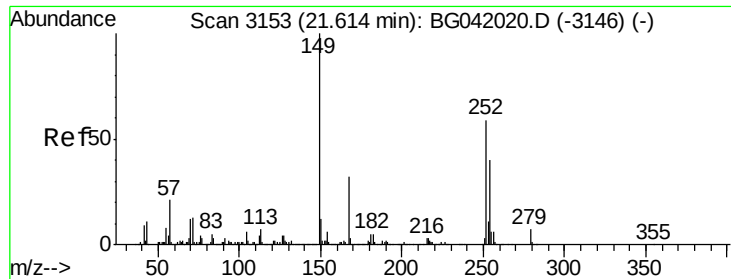
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#82
Benzo(a)anthracene
Concen: 16.479 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.8	17.0	25.6
226	28.7	23.3	34.9





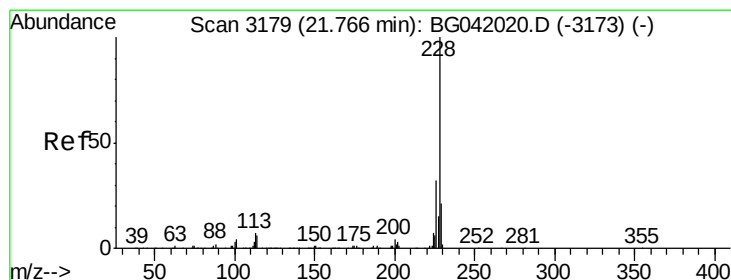
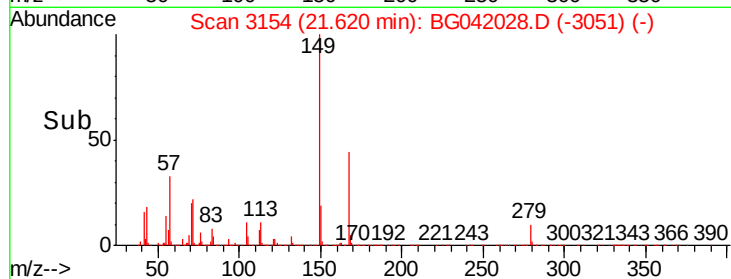
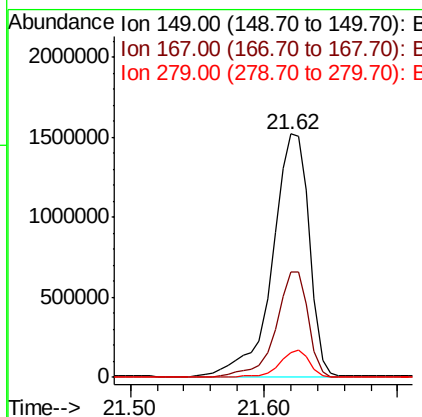
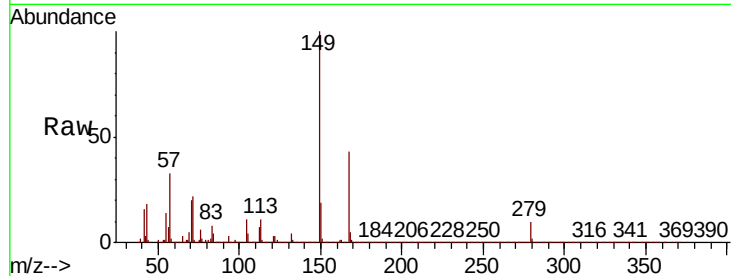
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 168.602 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

Instrument :
 BNA_G
 ClientSampleId :
 BEP68

Tot Ion	Ratio	Lower	Upper
149	100		
167	43.5	25.0	37.4#
279	10.4	5.2	7.8#

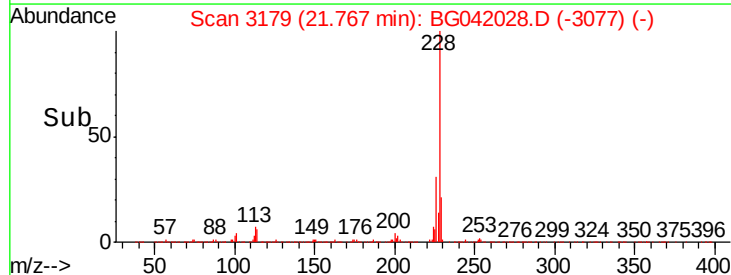
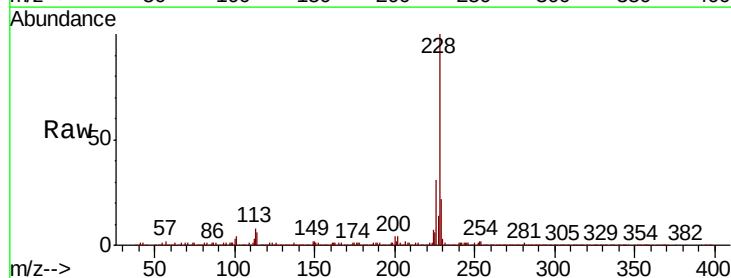
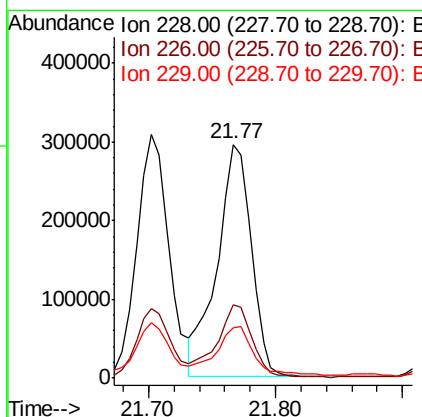
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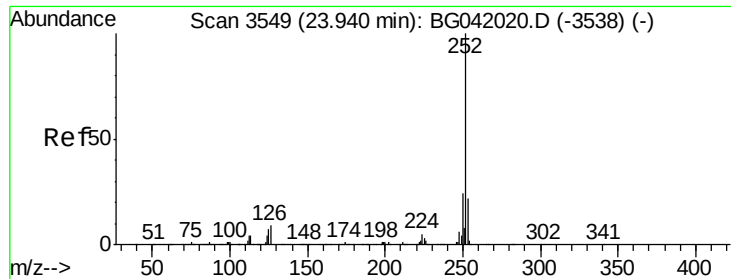
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#84
 Chrysene
 Concen: 18.069 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042028.D
 Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	21.8	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 15.636 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

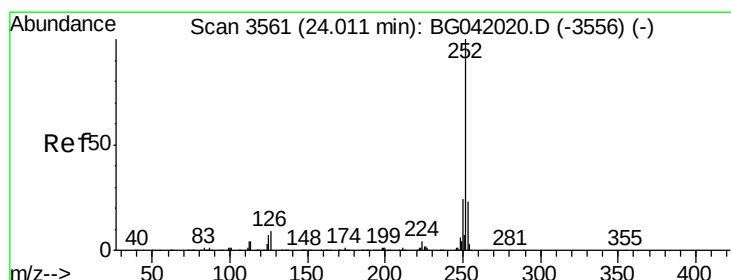
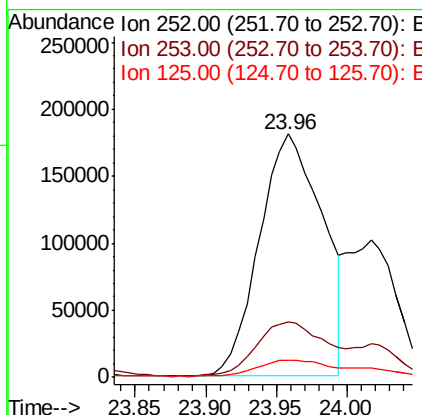
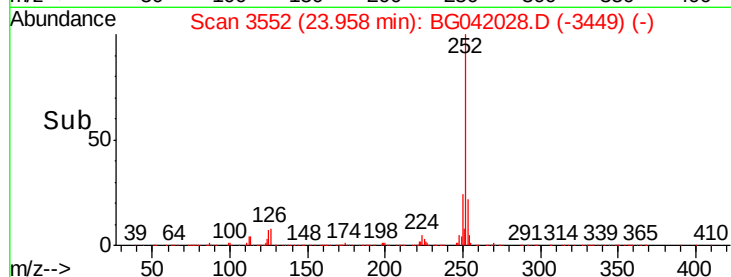
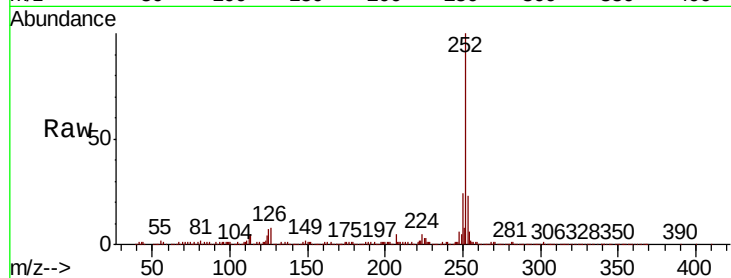
ClientSampled :

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Tot Ion:	252	Resp:	562952
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	7.1	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 7.332 ng/ul m

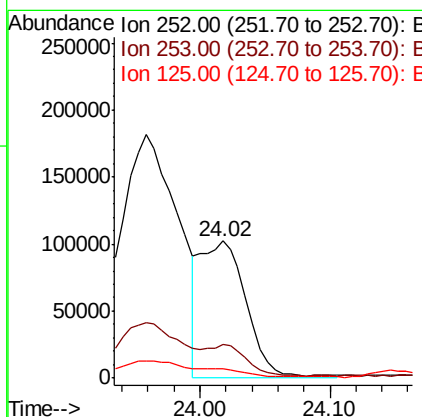
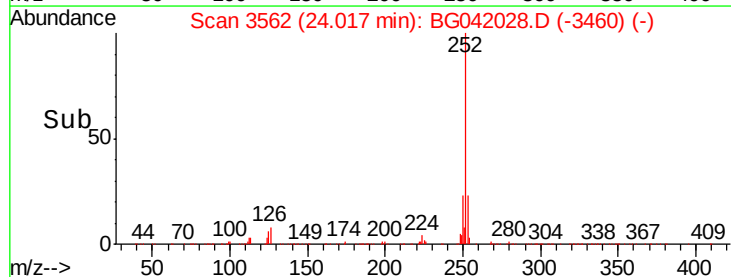
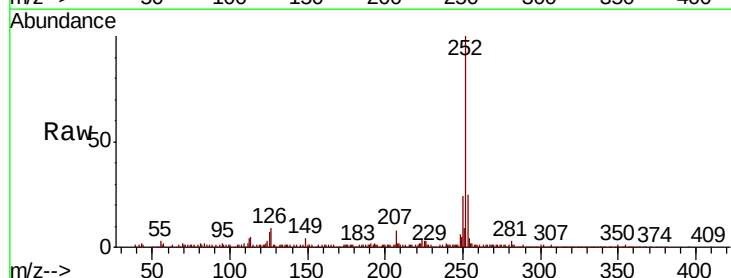
RT: 24.02 min Scan# 3562

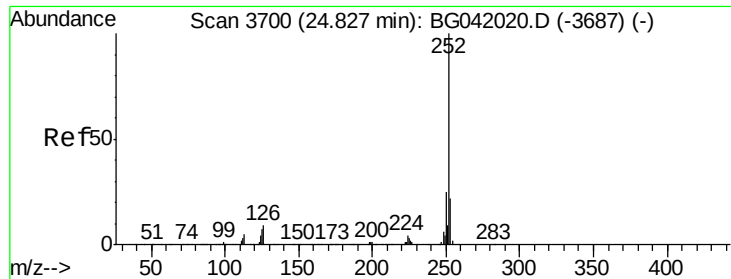
Delta R.T. 0.00 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Tgt Ion:	252	Resp:	253808
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.3	27.5
125	7.1	5.5	8.3





#90

Benzo(a)pyrene

Concen: 14.997 ng/ul

RT: 24.84 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Instrument :

BNA_G

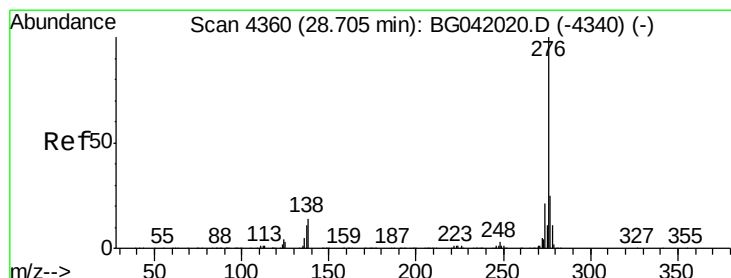
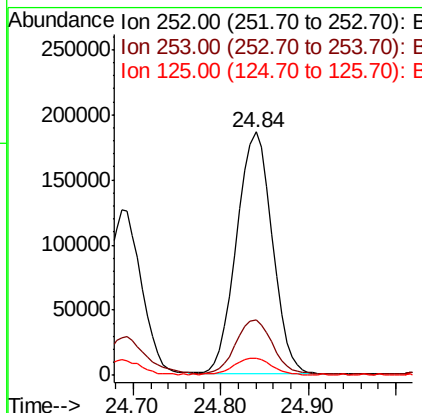
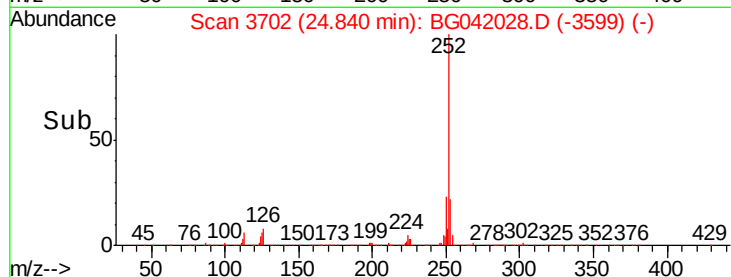
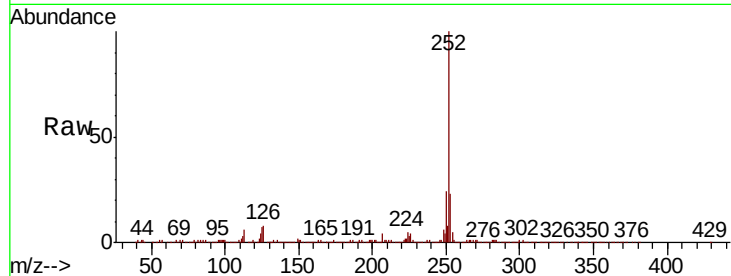
ClientSampled :

BEP68

Tot Ion:	252	Resp:	514529
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	7.0	6.5	9.7

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#91

Indeno(1,2,3-cd)pyrene

Concen: 7.603 ng/ul

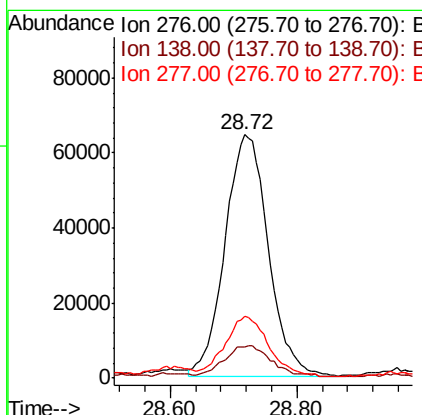
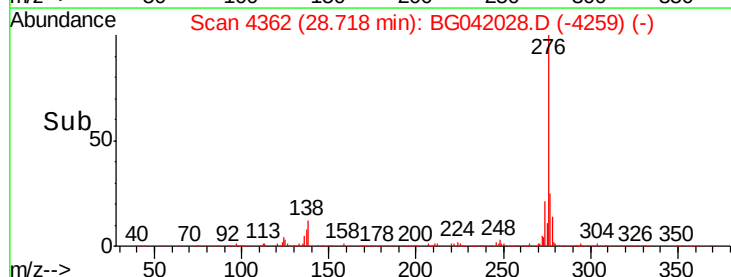
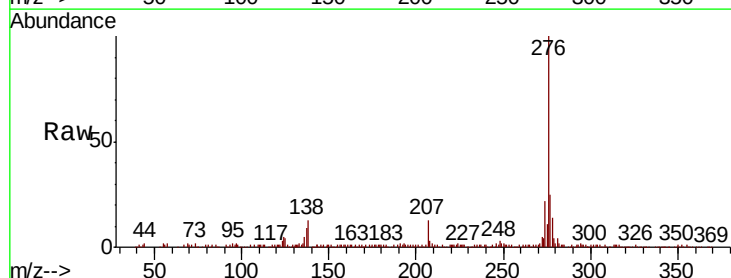
RT: 28.72 min Scan# 4362

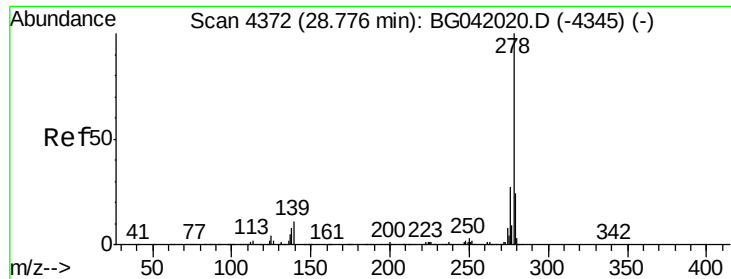
Delta R.T. 0.01 min

Lab File: BG042028.D

Acq: 7 Aug 2019 13:04

Tgt Ion:	276	Resp:	304257
Ion Ratio	Lower	Upper	
276	100		
138	12.6	12.0	18.0
277	25.1	19.2	28.8





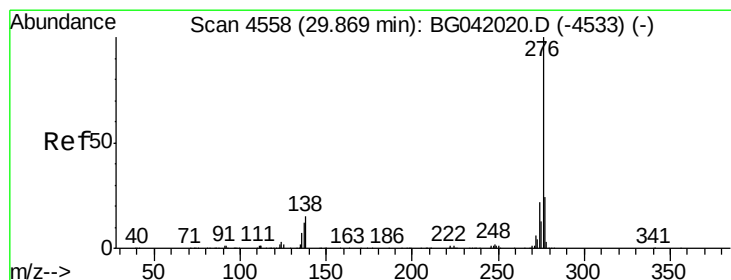
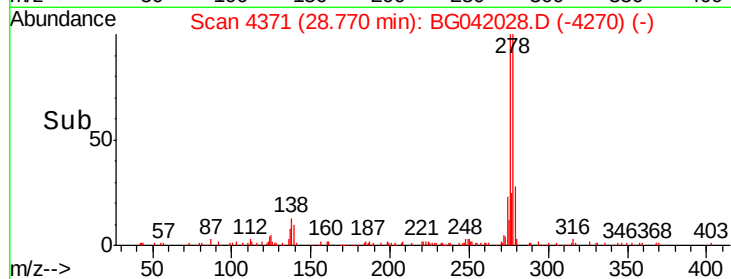
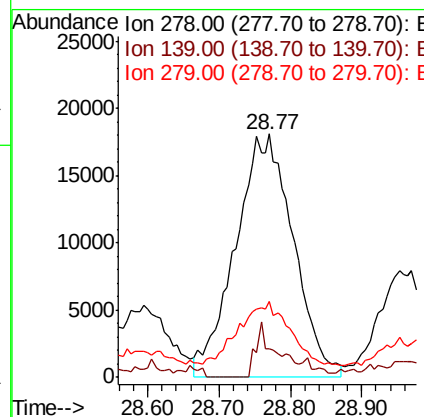
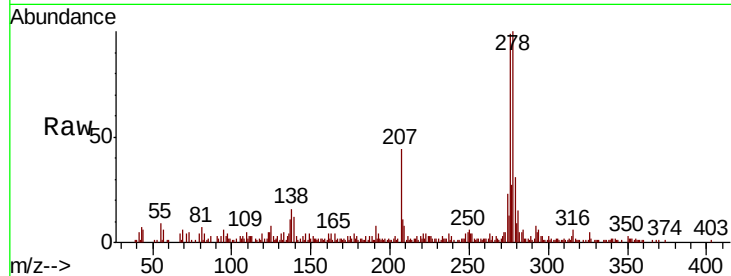
#92
Dibenzo(a,h)anthracene
Concen: 3.119 ng/ul m
RT: 28.77 min Scan# 4371
Delta R.T. -0.00 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Instrument :
BNA_G
ClientSampleId :
BEP68

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.4	14.0
279	31.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:49 PM



#93
Benzo(g,h,i)perylene
Concen: 8.939 ng/ul
RT: 29.89 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BG042028.D
Acq: 7 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.6	18.8
277	23.8	19.2	28.8

