

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042027.D
 Acq On : 7 Aug 2019 12:25
 Operator : HP/JU
 Sample : K4028-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP69

Manual Integrations
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Quant Time: Aug 07 16:07:49 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	8.03	152	74857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	324036	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	488487	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	474562	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	564417	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4039	2.36	ng/uL	0.00
5) Phenol-d5	7.18	99	83339	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	44178	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	77079	15.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	70618	14.32	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	38719	15.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	47274	16.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	90374	15.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	91824	14.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	305594	16.99	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	353766	17.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	39095	12.94	ng/ul	0.00
57) Fluorene-d10	15.68	176	277458	17.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	44273	14.13	ng/ul	0.00
70) Anthracene-d10	17.54	188	450881	19.24	ng/ul	0.00
78) Pyrene-d10	19.83	212	509348	19.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	568281	19.27	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	154842	8.670	ng/ul 97
69) Phenanthrene	17.48	178	265974	9.946	ng/ul 98
71) Anthracene	17.57	178	66615	2.456	ng/ul 98
76) Fluoranthene	19.49	202	528778	17.113	ng/ul 97
79) Pyrene	19.86	202	577242	18.083	ng/ul 96
82) Benzo(a)anthracene	21.70	228	373296	11.345	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.62	149	3852176m	224.701	ng/ul
84) Chrysene	21.77	228	365879	11.914	ng/ul 98
87) Benzo(b)fluoranthene	23.95	252	402276	11.357	ng/ul 98
88) Benzo(k)fluoranthene	24.01	252	129346	3.798	ng/ul 99
90) Benzo(a)pyrene	24.83	252	336117	9.958	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.70	276	189542	4.815	ng/ul 97
92) Dibenzo(a,h)anthracene	28.74	278	62060m	1.933	ng/ul
93) Benzo(g,h,i)perylene	29.86	276	189282	5.759	ng/ul 98

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

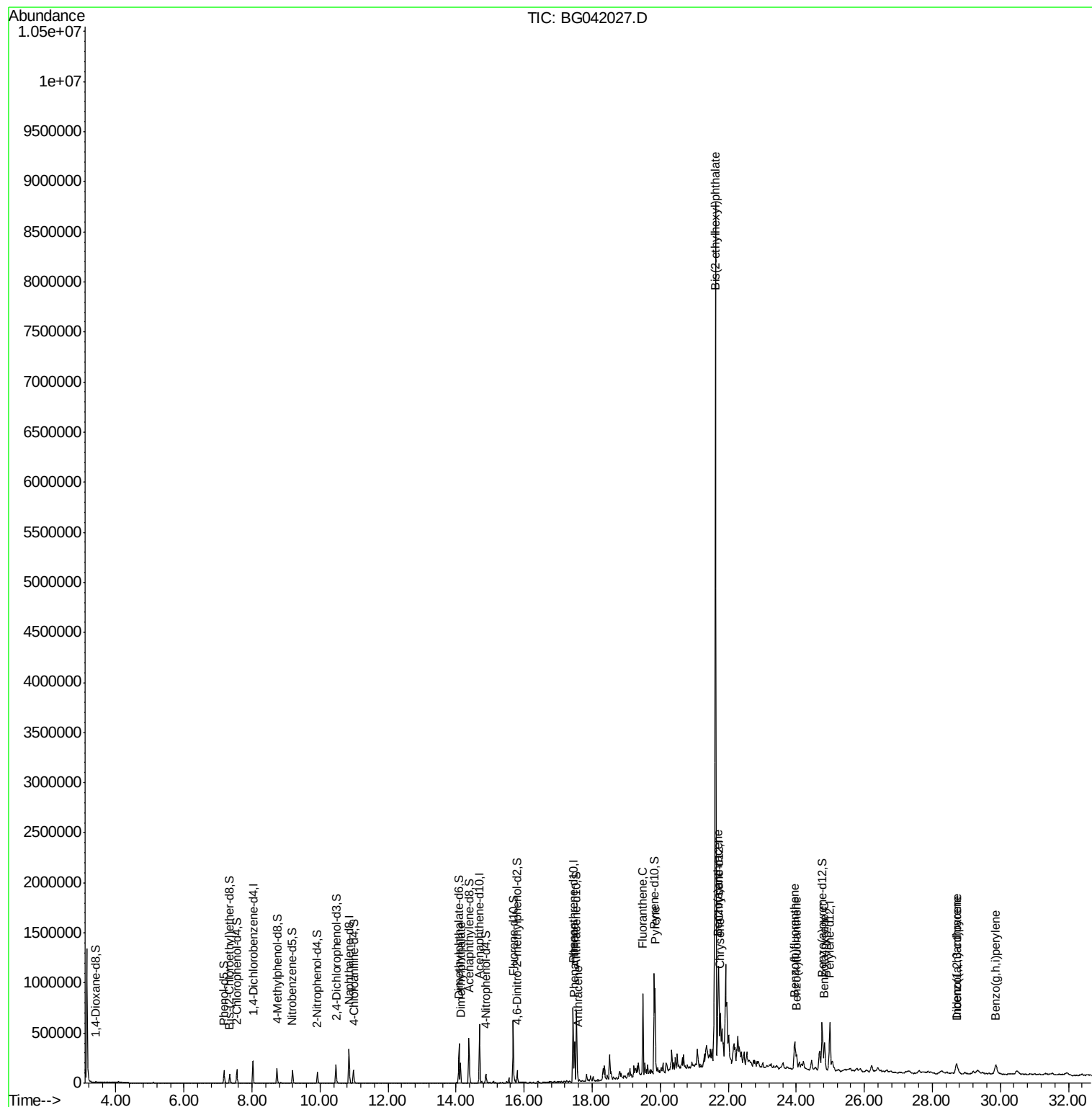
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042027.D
Acq On : 7 Aug 2019 12:25
Operator : HP/JU
Sample : K4028-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

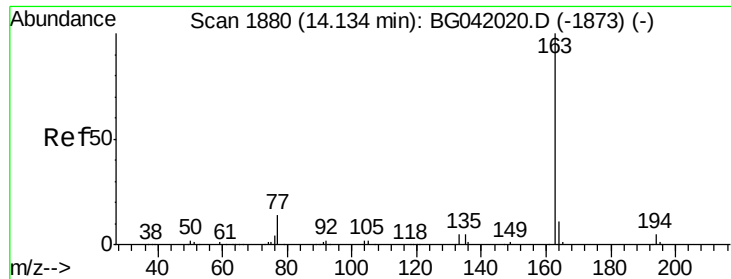
Instrument :
BNA_G
ClientSampleId :
BEP69

Quant Time: Aug 07 16:07:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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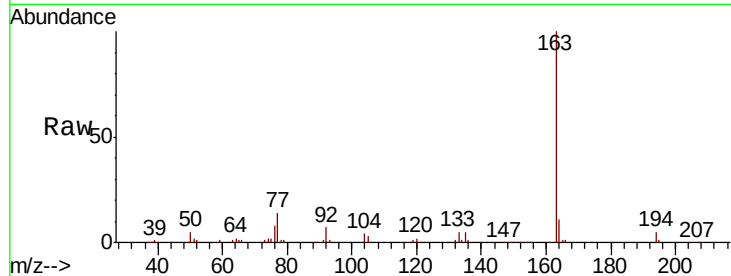
#44
Dimethylphthalate
Concen: 8.670 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampleId :
BEP69

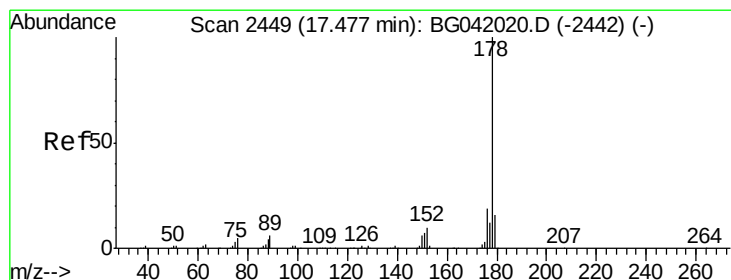
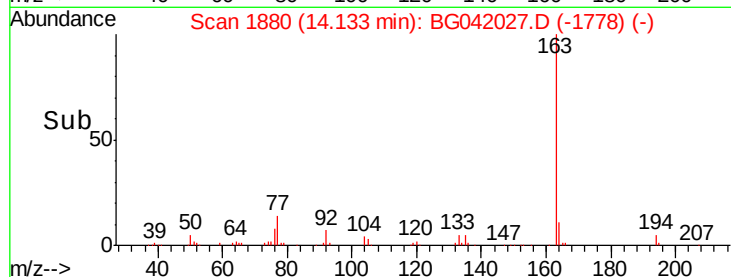
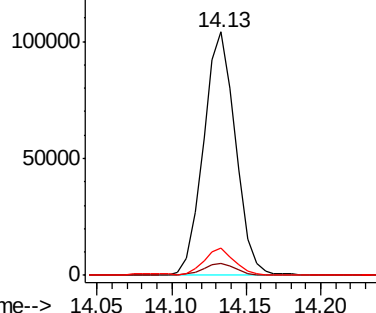
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.1	7.8	11.8

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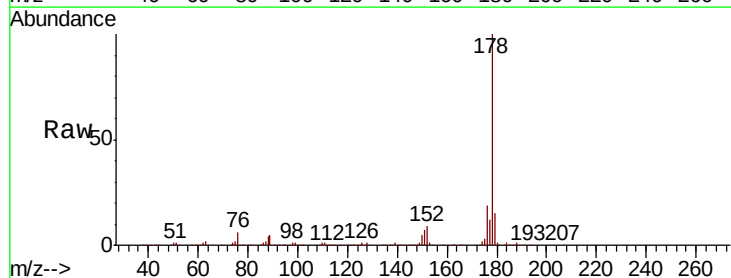


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

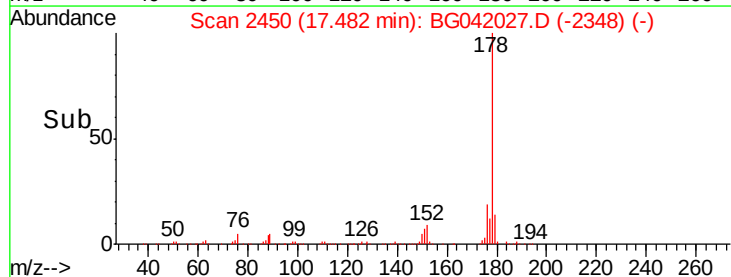
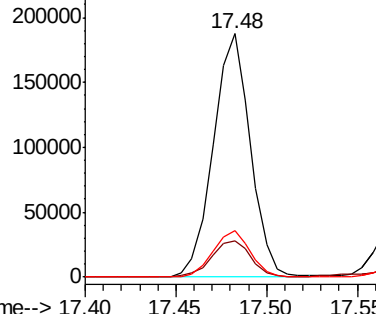


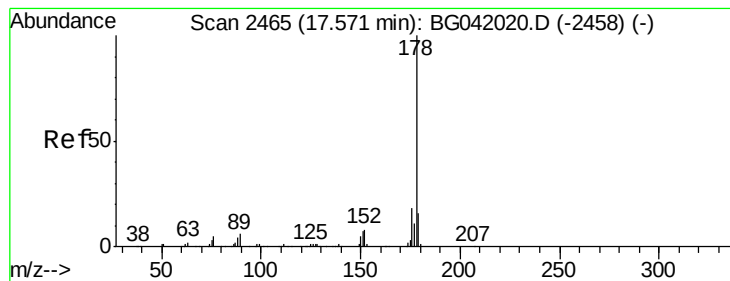
#69
Phenanthrene
Concen: 9.946 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	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: 2.456 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

ClientSampleId :

BEP69

Tot Ion:178 Resp: 66615

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.0

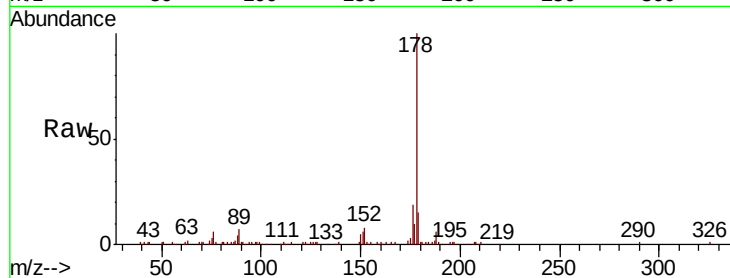
176 18.8 15.4 23.2

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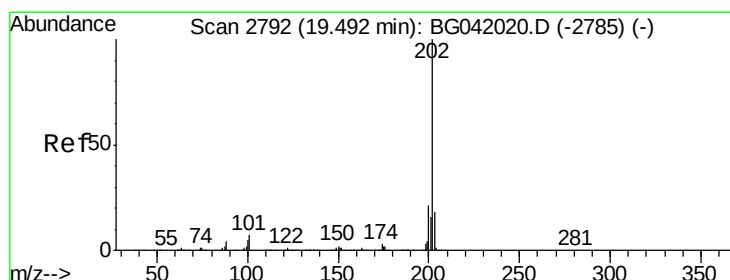
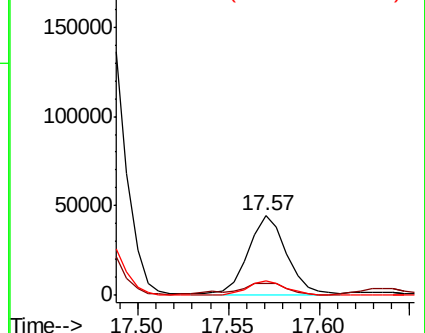
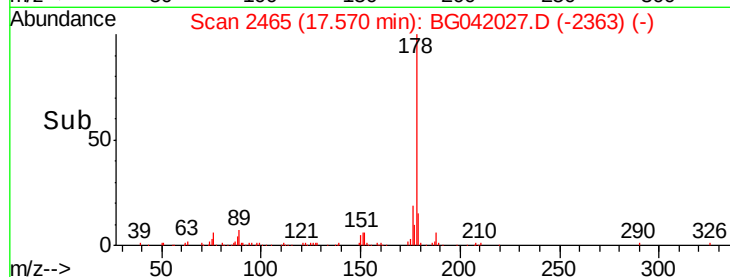
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 17.113 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

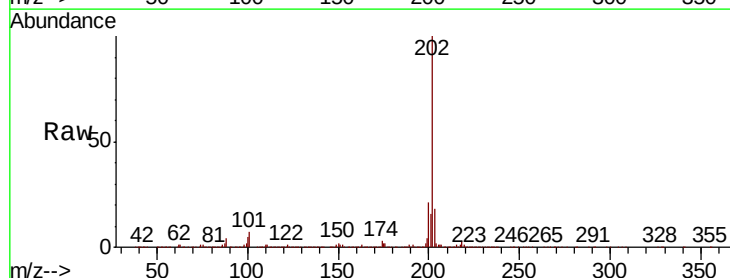
Tgt Ion:202 Resp: 528778

Ion Ratio Lower Upper

202 100

101 7.5 6.7 10.1

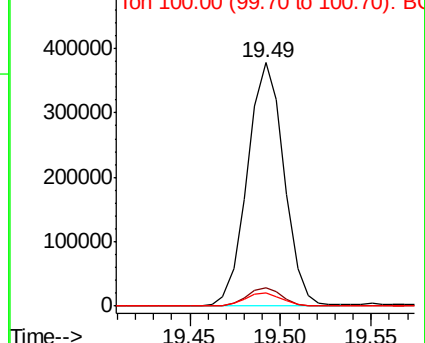
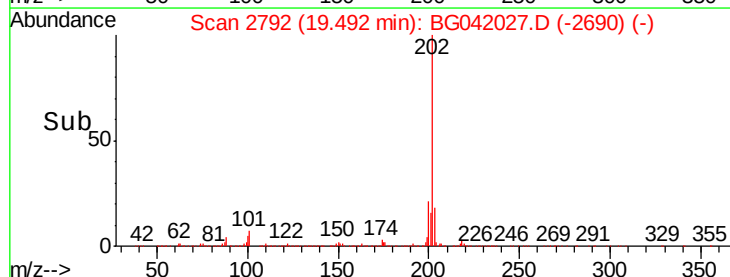
100 5.3 5.3 7.9

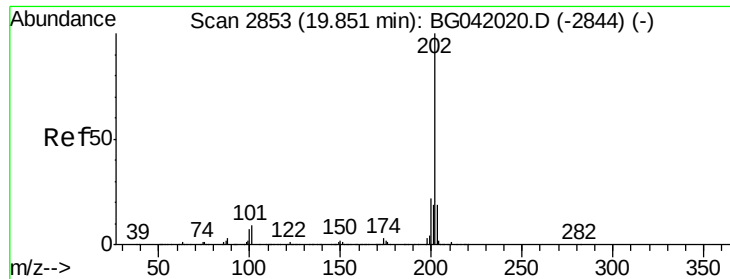


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





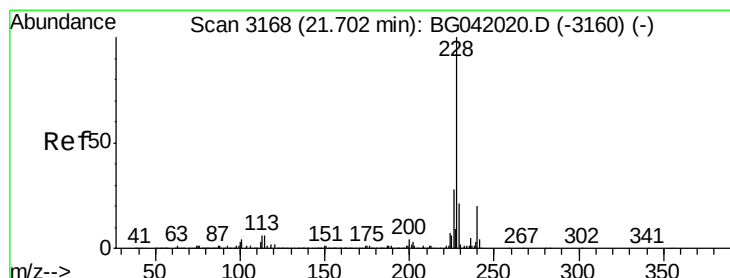
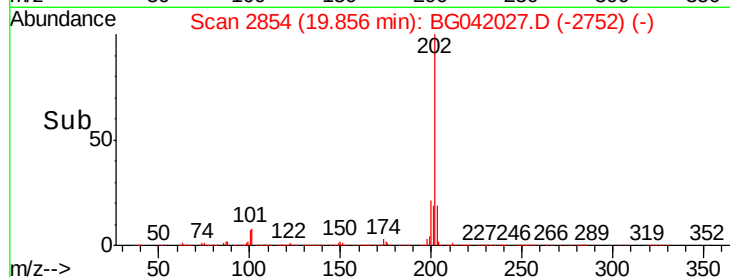
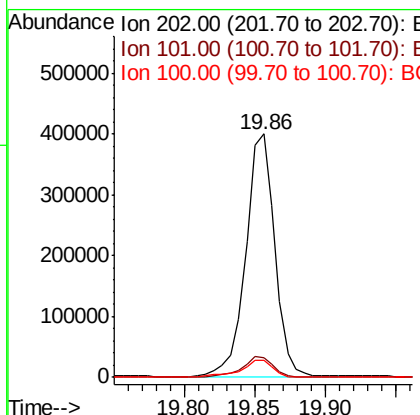
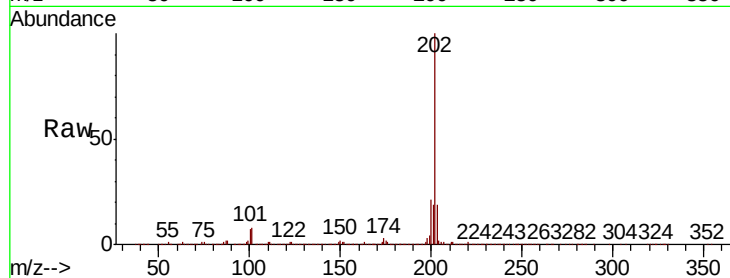
#79
Pvrene
Concen: 18.083 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.6	11.4
100	6.8	6.5	9.7

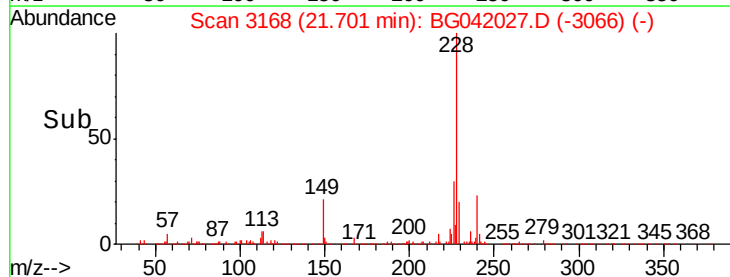
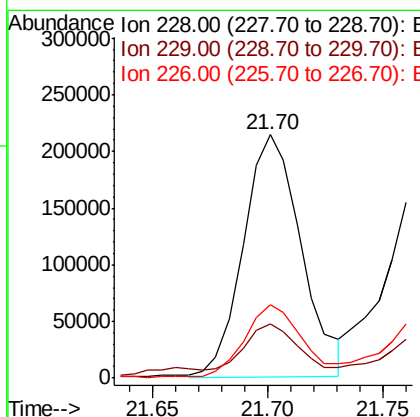
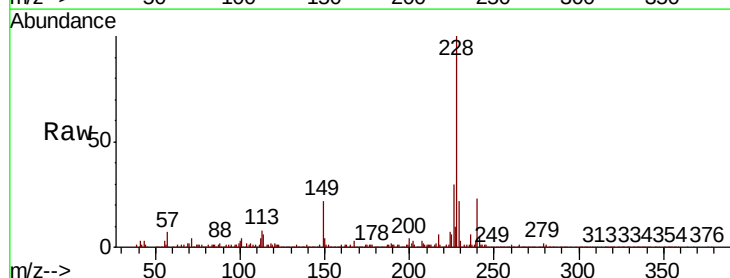
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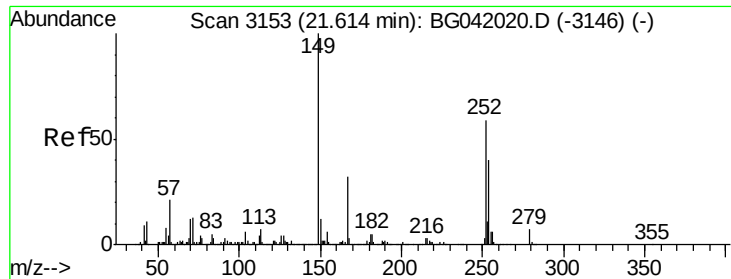
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#82
Benzo(a)anthracene
Concen: 11.345 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	17.0	25.6
226	30.3	23.3	34.9





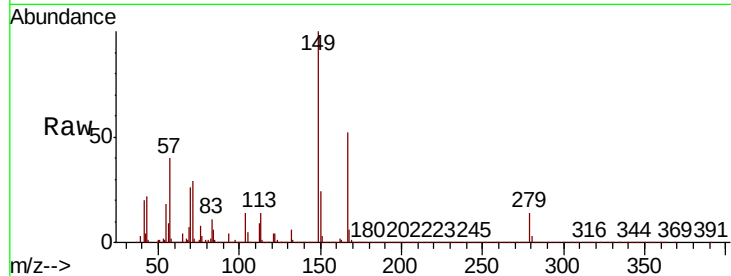
#83
Bis(2-ethylhexyl)phthalate
Concen: 224.701 ng/ul m
RT: 21.62 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampleId :
BEP69

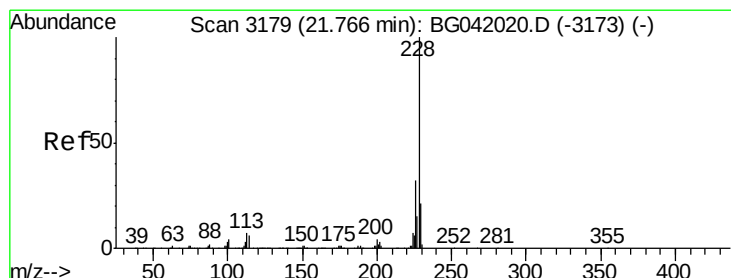
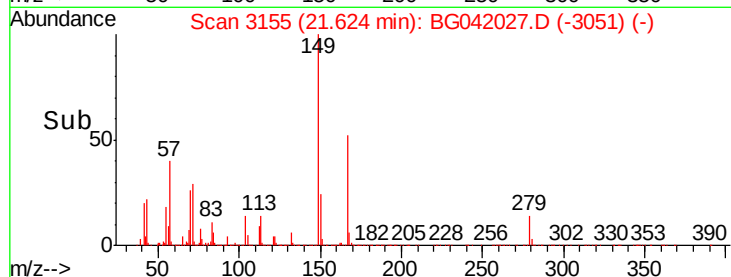
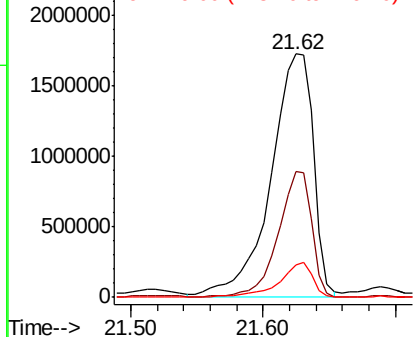
Tot Ion:149 Resp: 3852176
Ion Ratio Lower Upper
149 100
167 51.9 25.0 37.4#
279 13.5 5.2 7.8#

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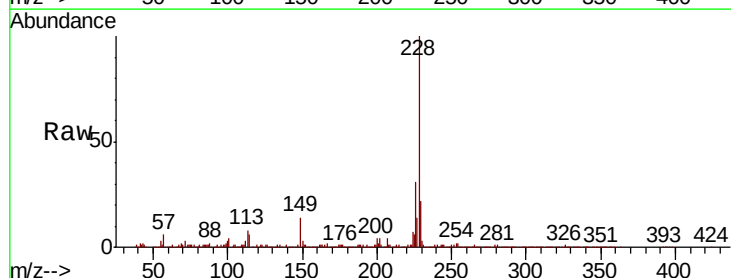


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

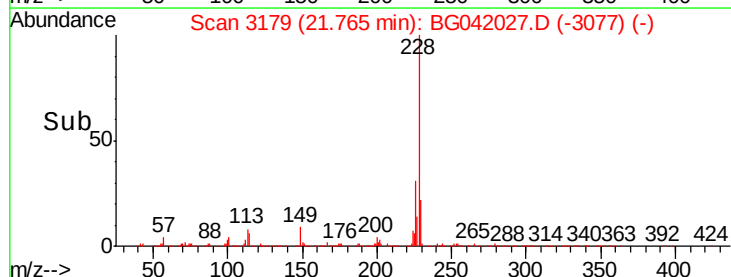
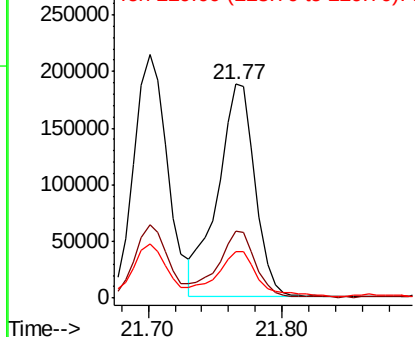


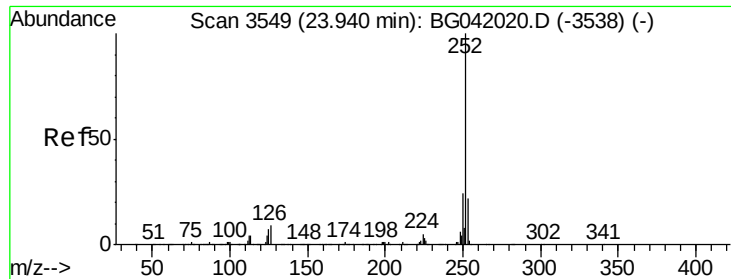
#84
Chrysene
Concen: 11.914 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion:228 Resp: 365879
Ion Ratio Lower Upper
228 100
226 31.5 25.7 38.5
229 21.9 16.6 24.8



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: 11.357 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Instrument :

BNA_G

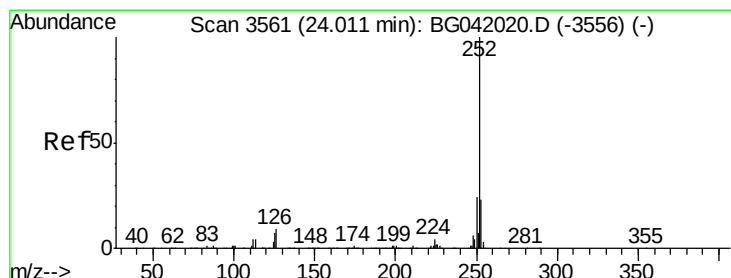
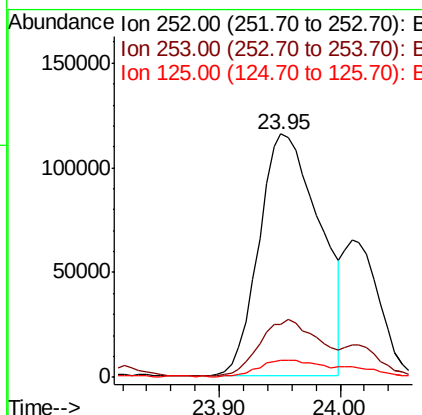
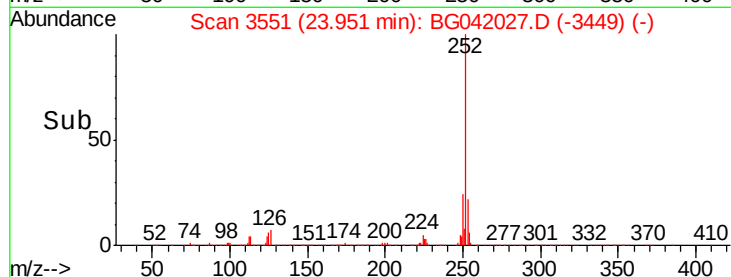
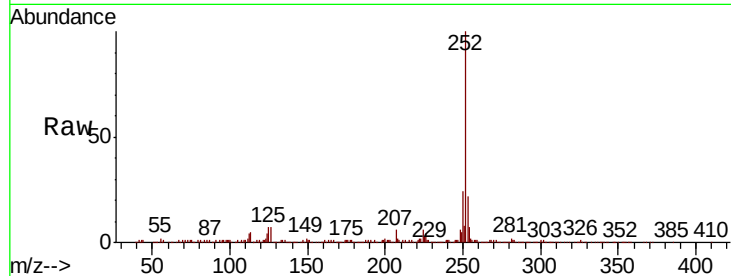
ClientSampleId :

BEP69

Tot Ion	Ratio	Resp	Lower	Upper
252	100	402276		
253	22.0		18.4	27.6
125	6.9		5.8	8.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.798 ng/ul

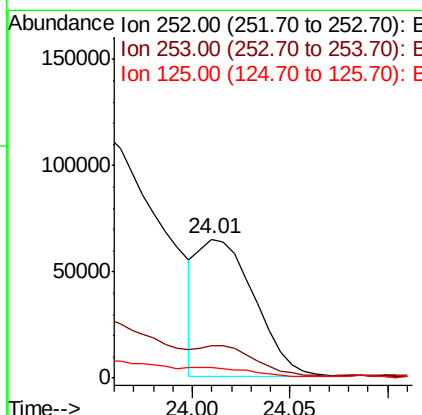
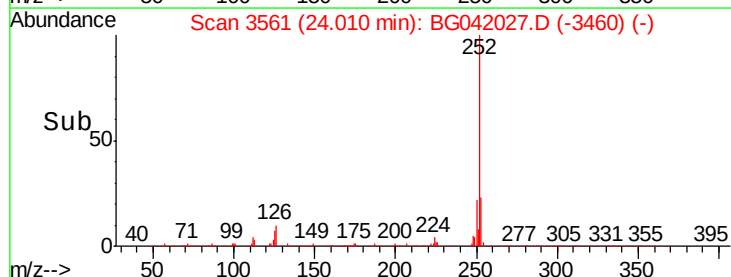
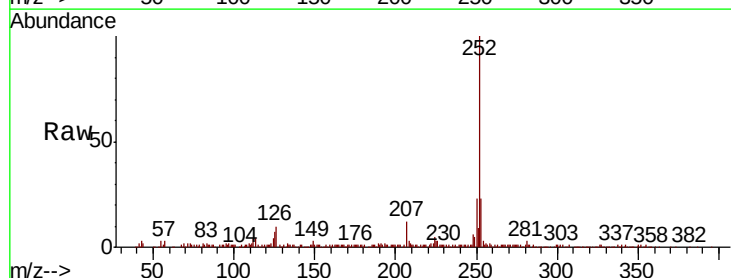
RT: 24.01 min Scan# 3561

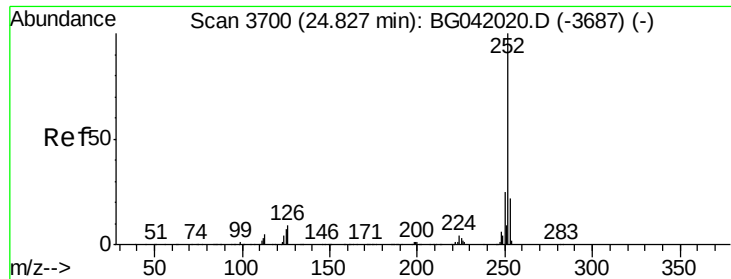
Delta R.T. -0.01 min

Lab File: BG042027.D

Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	129346		
253	23.3		18.3	27.5
125	7.5		5.5	8.3





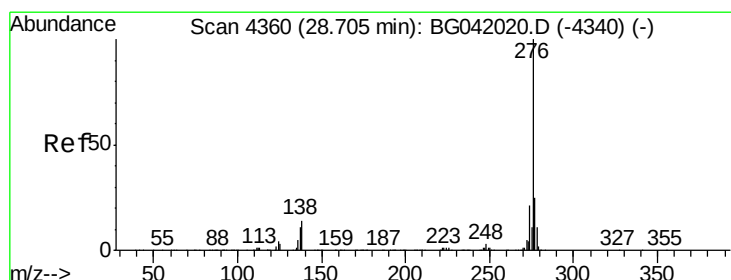
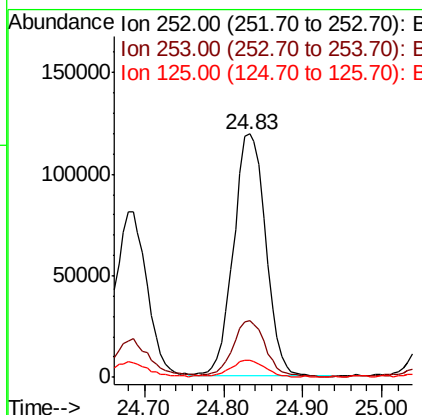
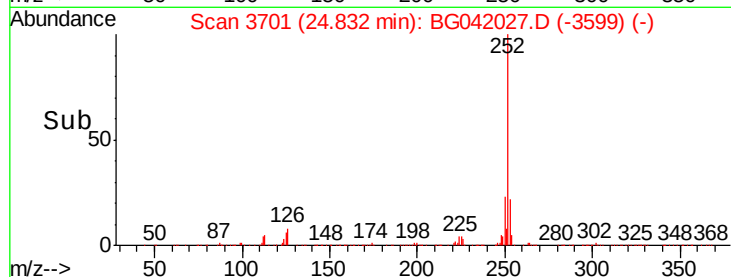
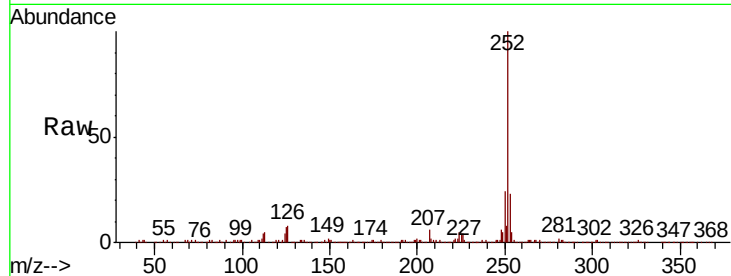
#90
Benzo(a)pyrene
Concen: 9.958 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampleId :
BEP69

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	7.1	6.5	9.7

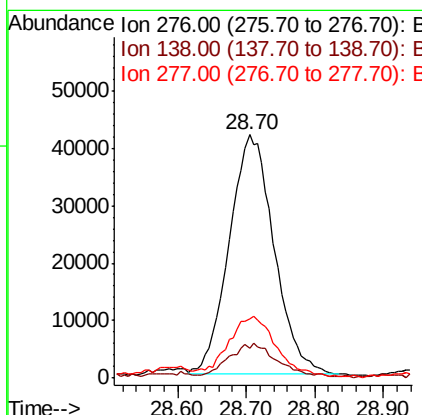
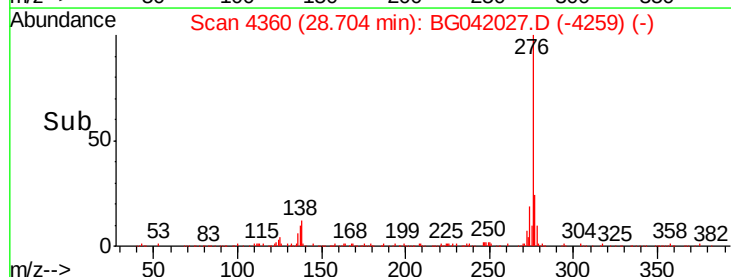
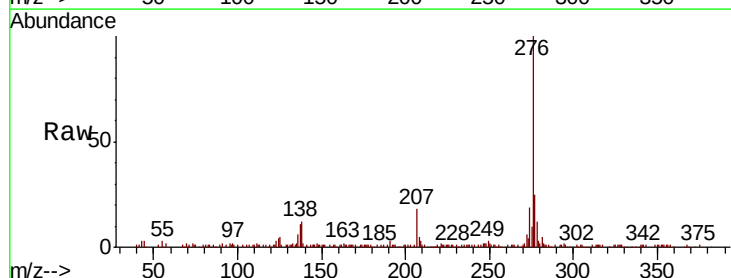
Manual Integrations
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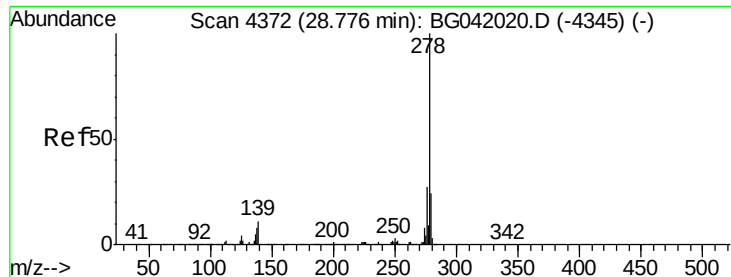
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#91
Indeno(1,2,3-cd)pyrene
Concen: 4.815 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.0	18.0
277	24.6	19.2	28.8





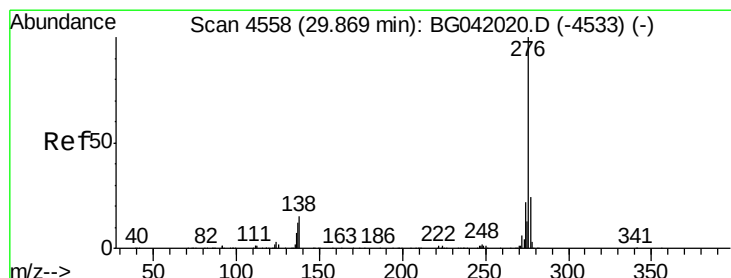
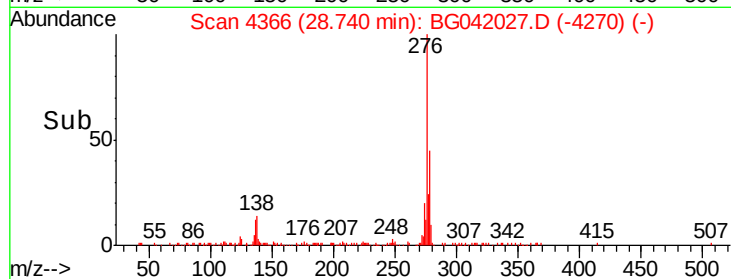
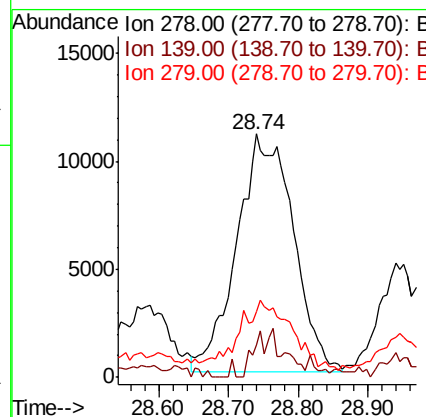
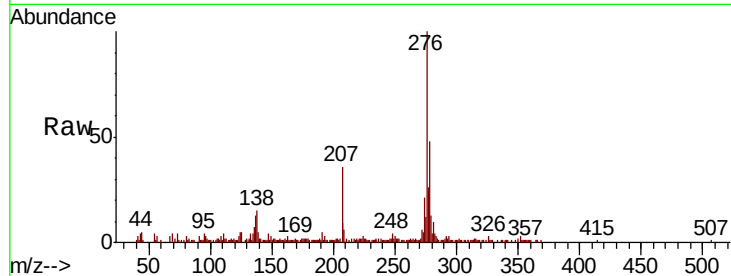
#92
Dibenzo(a,h)anthracene
Concen: 1.933 ng/ul m
RT: 28.74 min Scan# 4366
Delta R.T. -0.03 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Instrument :
BNA_G
ClientSampleId :
BEP69

Tot Ion:	278	Resp:	62060
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.4	14.0
279	27.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:46 PM



#93
Benzo(g,h,i)perylene
Concen: 5.759 ng/ul
RT: 29.86 min Scan# 4557
Delta R.T. -0.01 min
Lab File: BG042027.D
Acq: 7 Aug 2019 12:25

Tgt Ion:	276	Resp:	189282
Ion Ratio	Lower	Upper	
276	100		
138	14.8	12.6	18.8
277	25.1	19.2	28.8

