

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042025.D
 Acq On : 7 Aug 2019 11:08
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ7

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:40:41 PM

Quant Time: Aug 07 16:03:23 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	76255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	330742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	239378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	513543	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	497573	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	598597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4363	2.50	ng/uL	0.00
5) Phenol-d5	7.18	99	97012	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49395	14.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	89030	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	81249	16.17	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	42909	17.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55209	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	104175	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	101085	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	345941	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	400560	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	44198	14.18	ng/ul	0.00
57) Fluorene-d10	15.68	176	312006	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	49600	15.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	485495	19.70	ng/ul	0.00
78) Pyrene-d10	19.83	212	541791	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	614668	19.66	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	164648	8.932	ng/ul 98
69) Phenanthrene	17.48	178	201871	7.180	ng/ul 97
71) Anthracene	17.57	178	51379	1.802	ng/ul 96
76) Fluoranthene	19.49	202	378698	11.658	ng/ul 97
79) Pyrene	19.85	202	440161	13.151	ng/ul 97
82) Benzo(a)anthracene	21.70	228	282771	8.196	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.61	149	23607	1.313	ng/ul 99
84) Chrysene	21.77	228	278118	8.637	ng/ul 95
87) Benzo(b)fluoranthene	23.95	252	290573	7.735	ng/ul 98
88) Benzo(k)fluoranthene	24.01	252	95176m	2.635	ng/ul
90) Benzo(a)pyrene	24.83	252	246244	6.879	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.71	276	135586	3.247	ng/ul 100
92) Dibenzo(a,h)anthracene	28.77	278	45300m	1.330	ng/ul
93) Benzo(g,h,i)perylene	29.87	276	137045	3.931	ng/ul 98

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

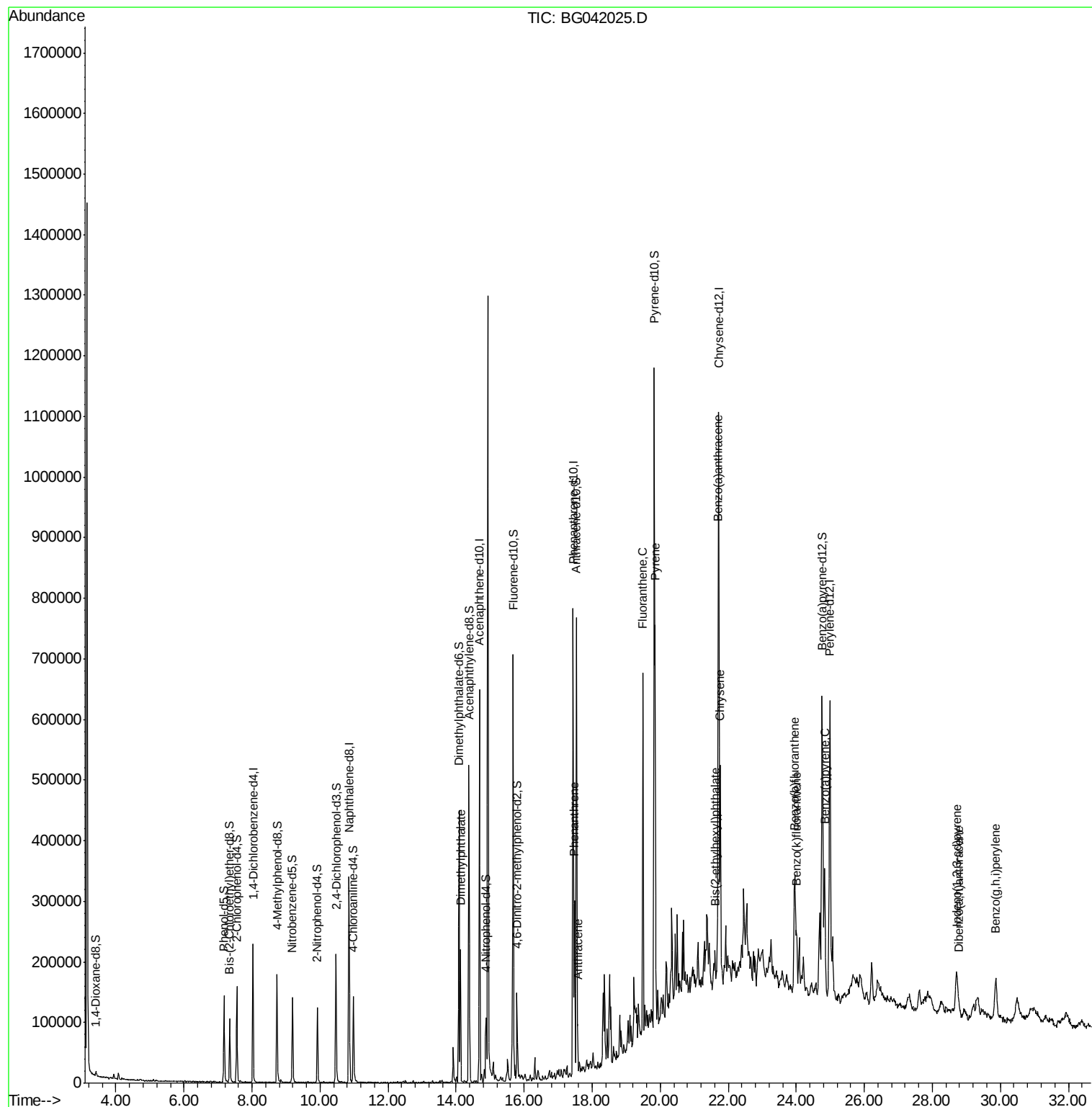
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042025.D
Acq On : 7 Aug 2019 11:08
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

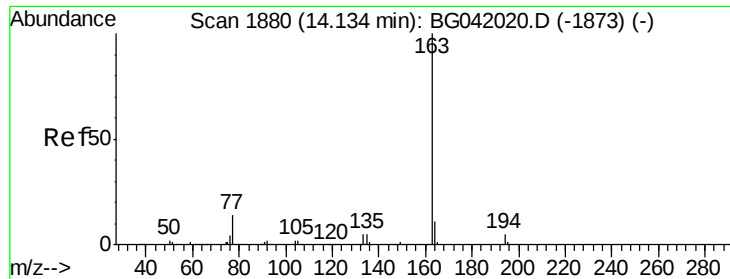
Instrument :
BNA_G
ClientSampleId :
BENQ7

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Quant Time: Aug 07 16:03:23 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





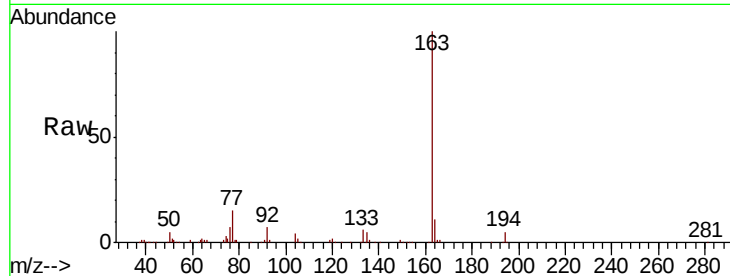
#44
Dimethylphthalate
Concen: 8.932 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :
BENQ7

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

Manual Integrations
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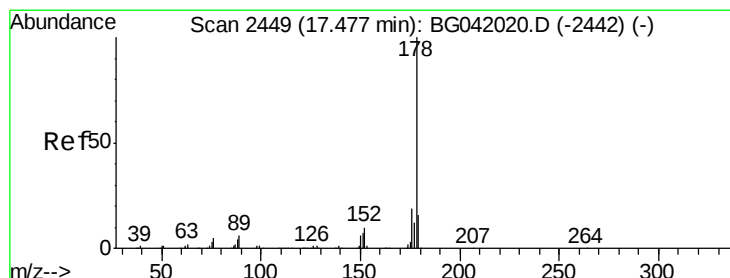
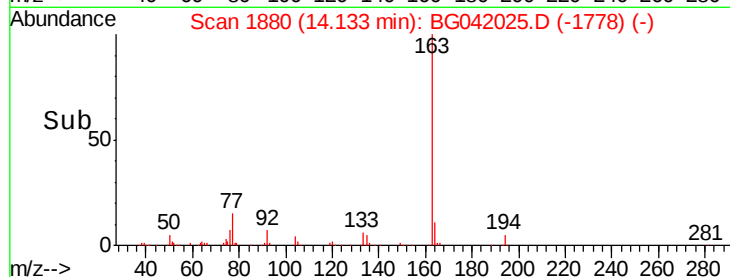
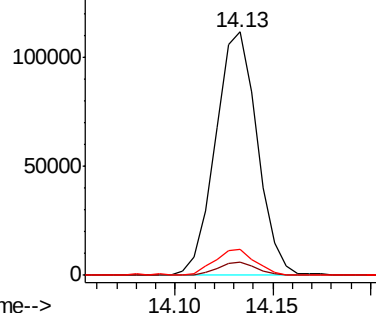


Abundance

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: 7.180 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

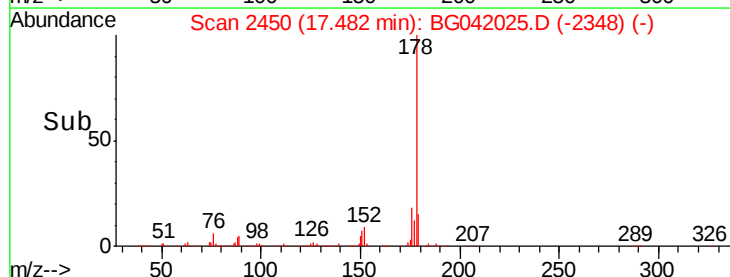
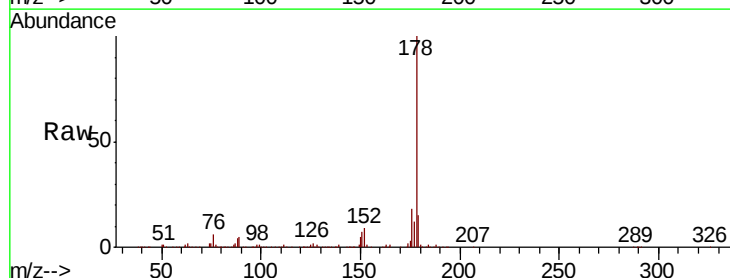
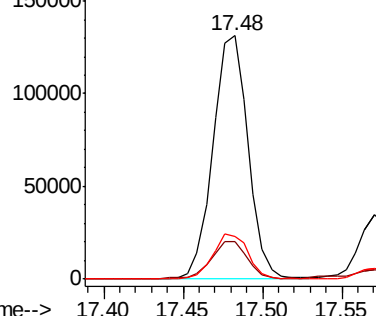
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.6	15.4	23.2

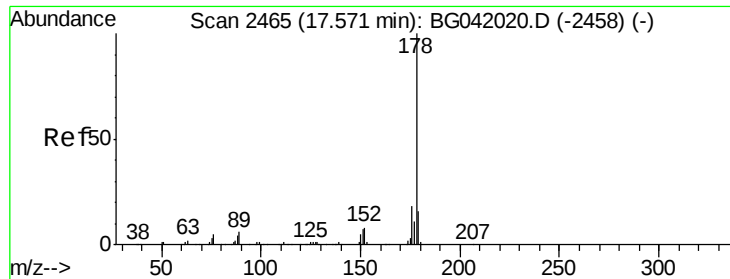
Abundance

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





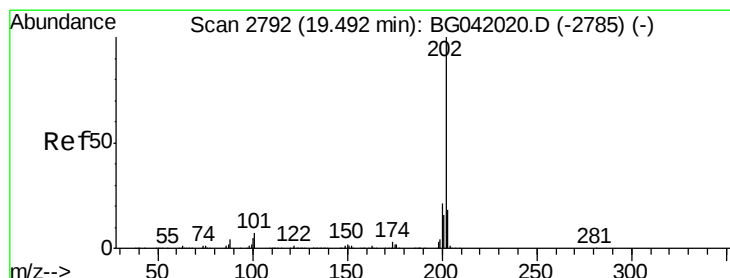
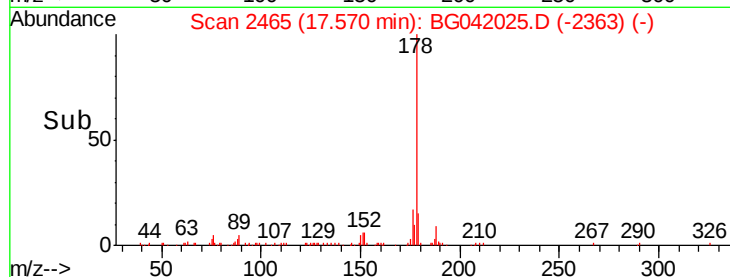
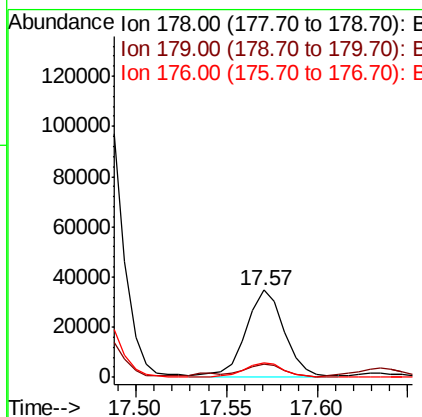
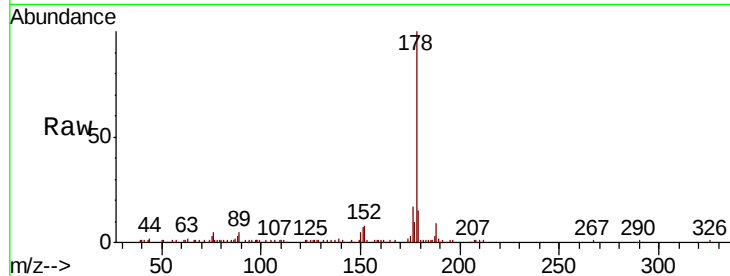
#71
 Anthracene
 Concen: 1.802 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042025.D
 Acq: 7 Aug 2019 11:08

Instrument :
 BNA_G
 ClientSampleId :
 BENQ7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.0
176	17.1	15.4	23.2

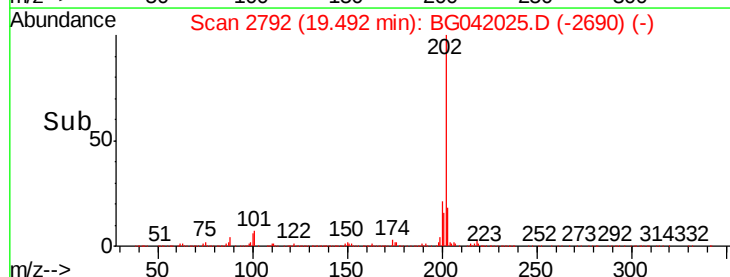
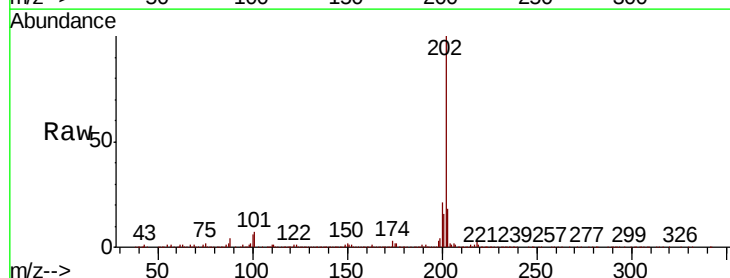
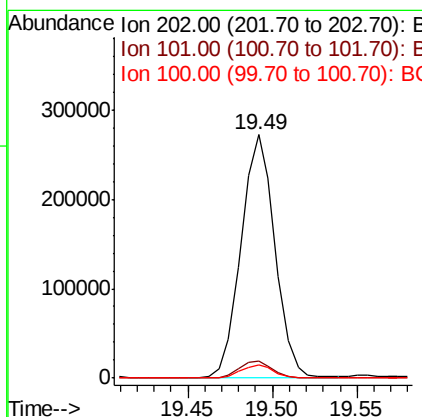
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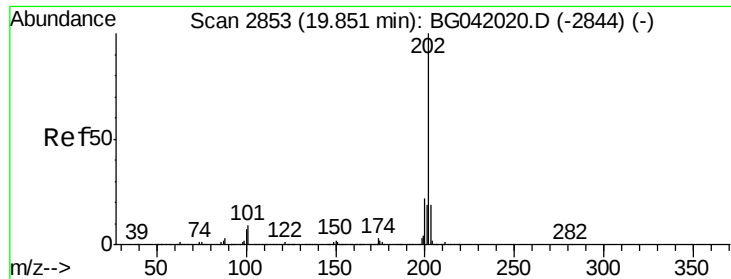
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#76
 Fluoranthene
 Concen: 11.658 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042025.D
 Acq: 7 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.7	10.1
100	5.7	5.3	7.9





#79

Pvrene

Concen: 13.151 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG042025.D

Acq: 7 Aug 2019 11:08

Instrument :

BNA_G

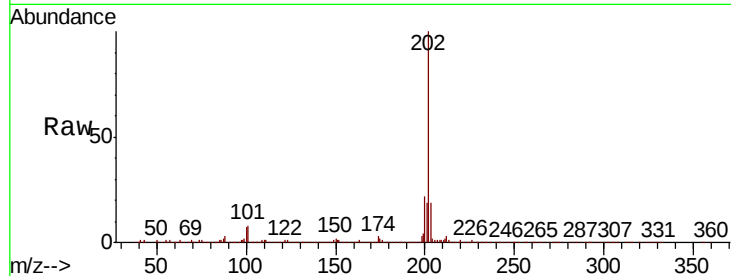
ClientSampleId :

BENQ7

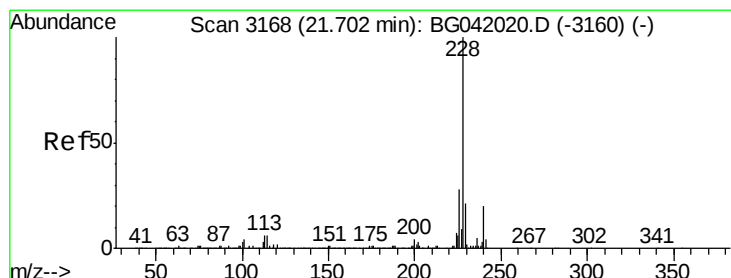
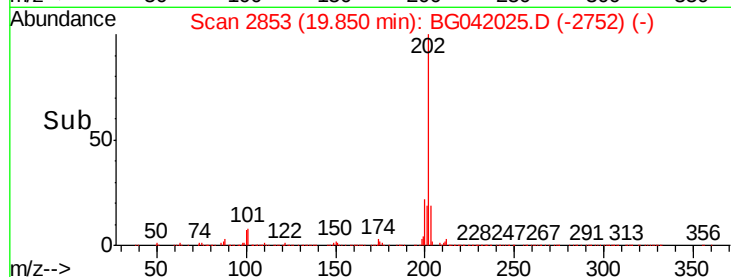
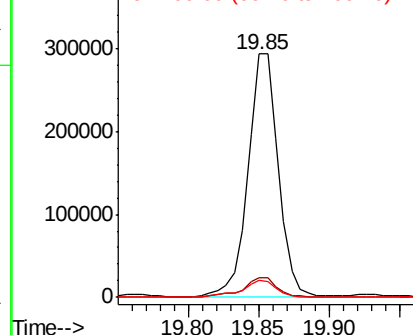
Tot Ion:	202	Resp:	440161
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.6	11.4
100	7.2	6.5	9.7

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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): B



#82

Benzo(a)anthracene

Concen: 8.196 ng/ul

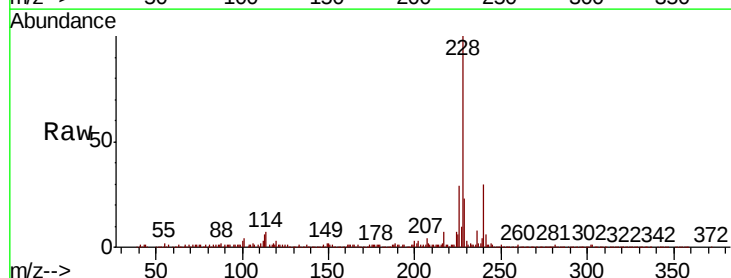
RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

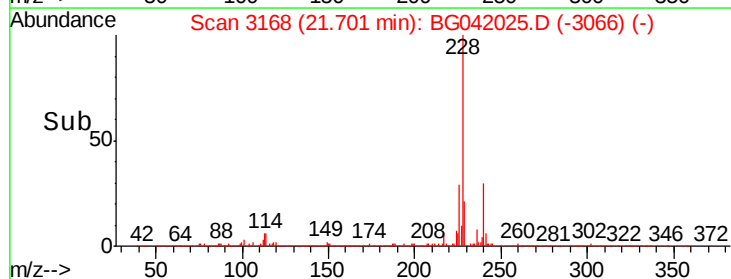
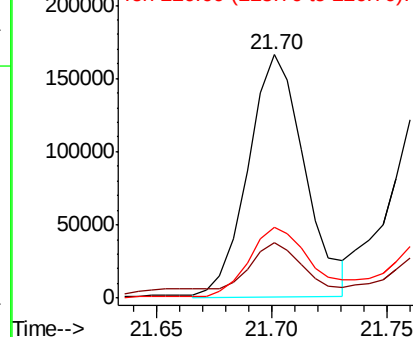
Lab File: BG042025.D

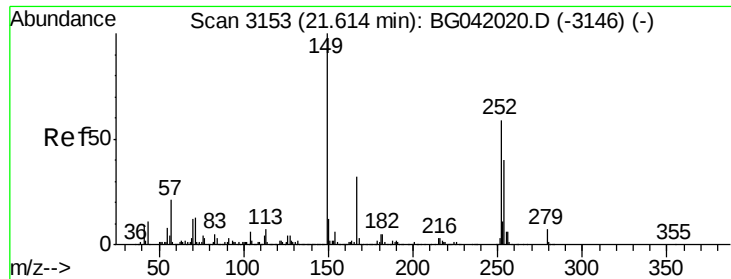
Acq: 7 Aug 2019 11:08

Tgt Ion:	228	Resp:	282771
Ion Ratio	Lower	Upper	
228	100		
229	22.6	17.0	25.6
226	29.2	23.3	34.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





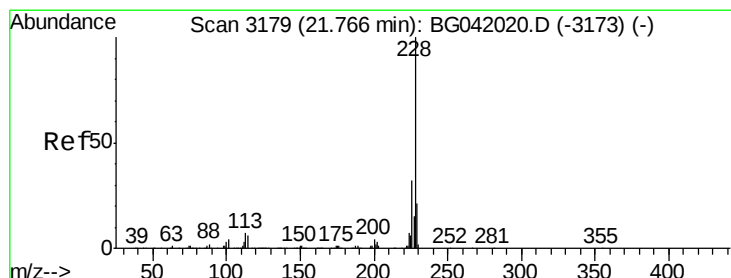
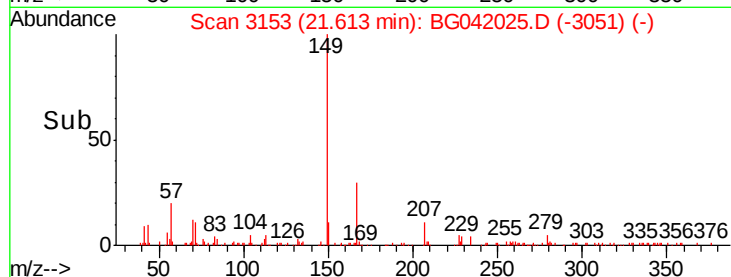
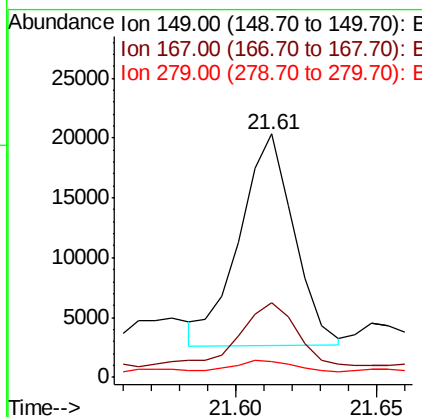
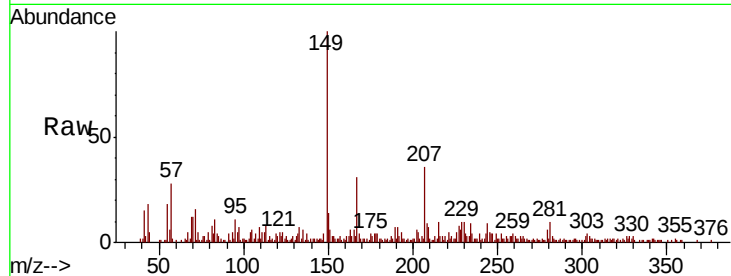
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.313 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042025.D
 Acq: 7 Aug 2019 11:08

Instrument :
 BNA_G
 ClientSampleId :
 BENQ7

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.0	37.4
279	6.4	5.2	7.8

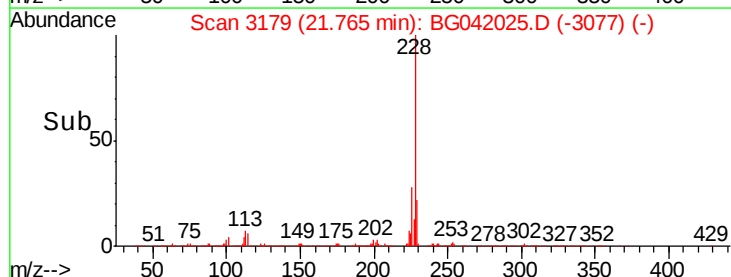
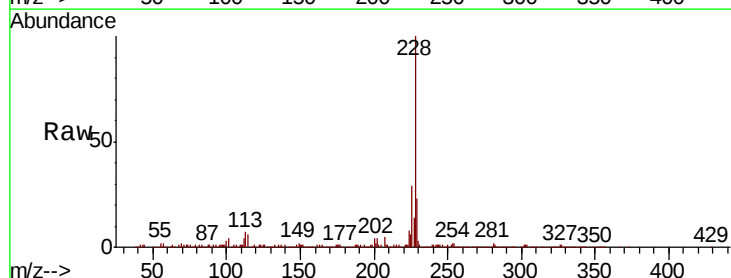
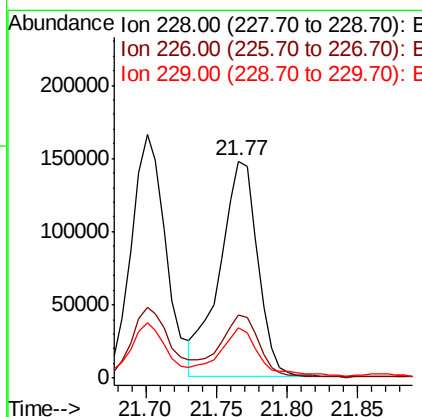
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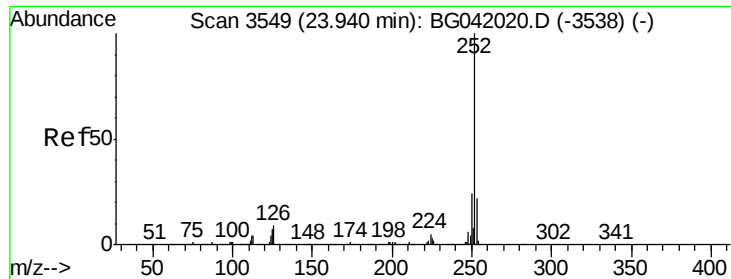
mohammad
 8/7/2019 4:40:41 PM



#84
 Chrysene
 Concen: 8.637 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042025.D
 Acq: 7 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.7	38.5
229	23.0	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 7.735 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042025.D

Acq: 7 Aug 2019 11:08

Instrument :

BNA_G

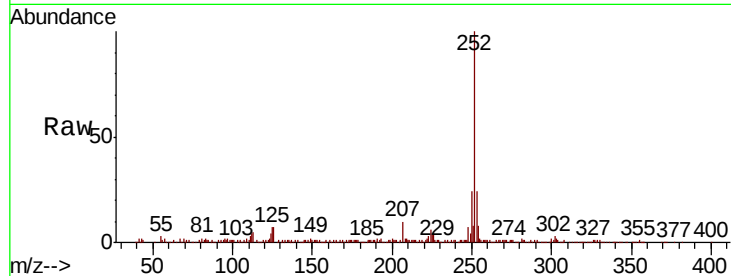
ClientSampleId :

BENQ7

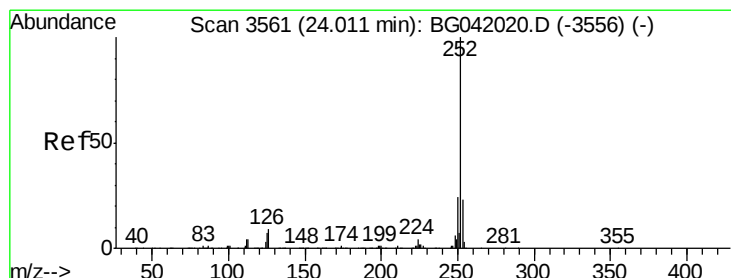
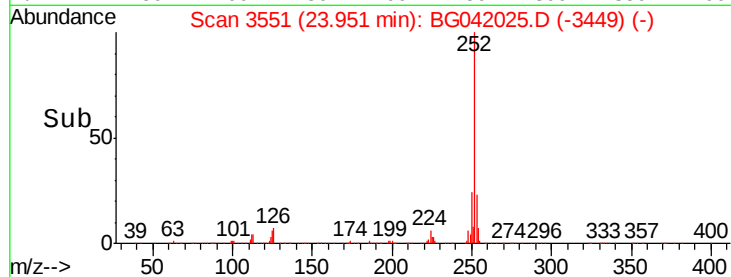
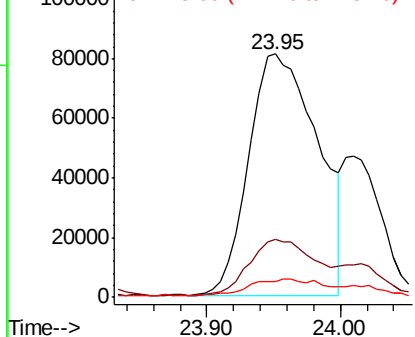
Tot Ion	Ratio	Resp	Lower	Upper
252	100	290573		
253	24.1	18.4	27.6	
125	6.5	5.8	8.8	

Manual Integrations
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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



#88

Benzo(k)fluoranthene

Concen: 2.635 ng/ul m

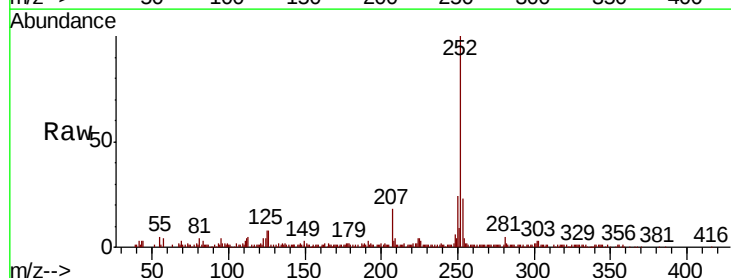
RT: 24.01 min Scan# 3561

Delta R.T. -0.01 min

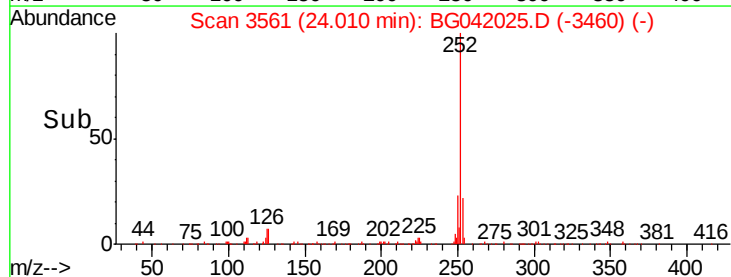
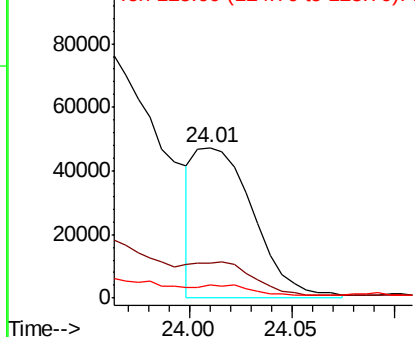
Lab File: BG042025.D

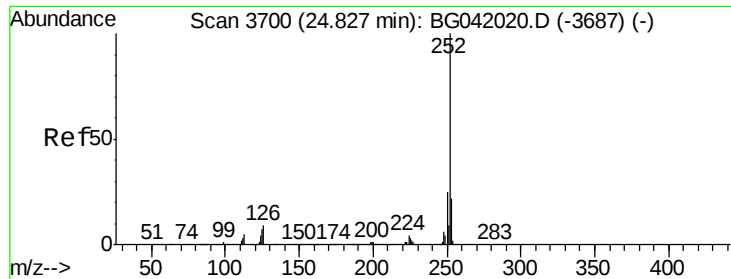
Acq: 7 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95176		
253	23.0	18.3	27.5	
125	8.4	5.5	8.3#	



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





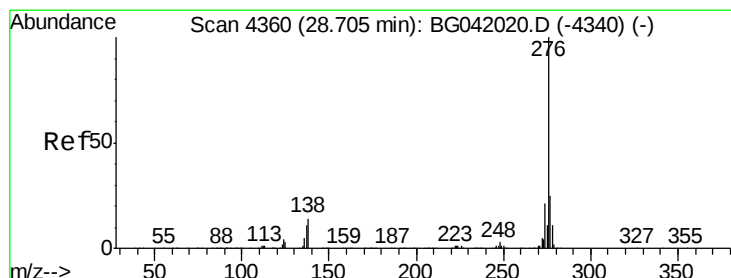
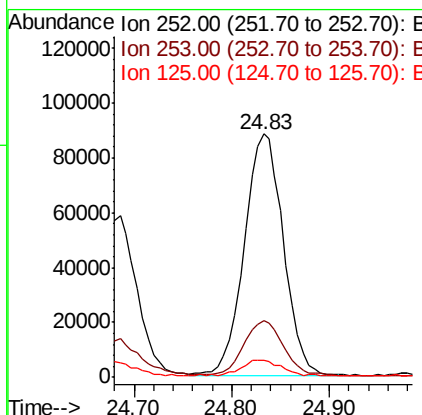
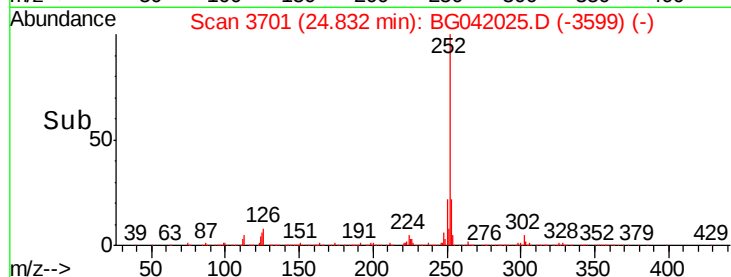
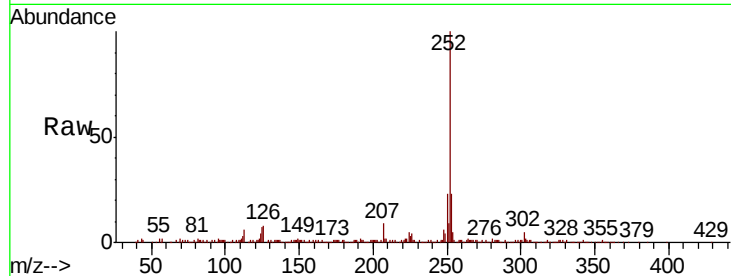
#90
Benzo(a)pyrene
Concen: 6.879 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :
BENQ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.1	6.5	9.7

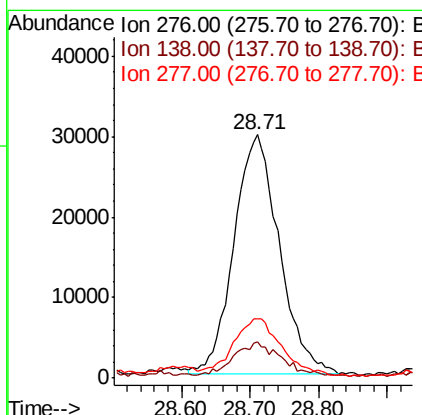
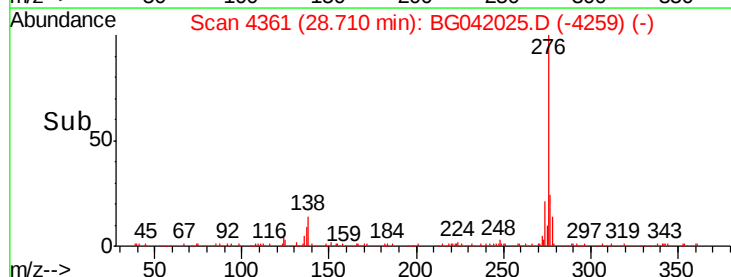
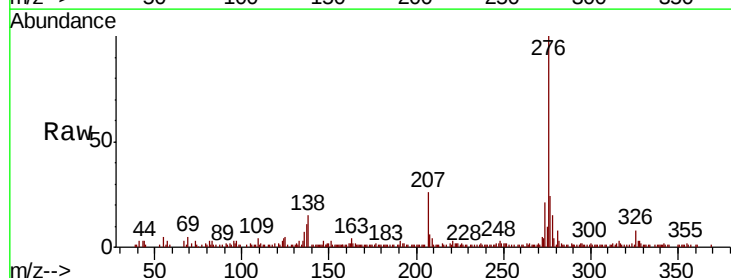
Manual Integrations
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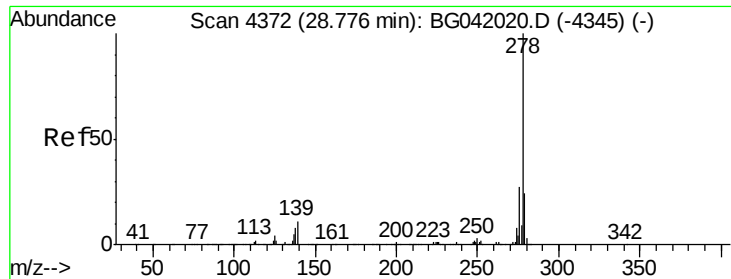
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.247 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	24.3	19.2	28.8





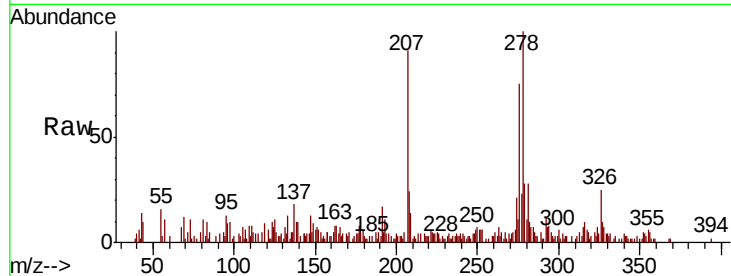
#92
Dibenzo(a,h)anthracene
Concen: 1.330 ng/ul m
RT: 28.77 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :
BENQ7

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.4	14.0
279	28.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:41 PM

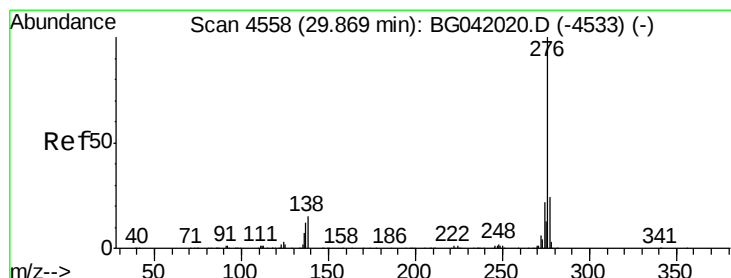
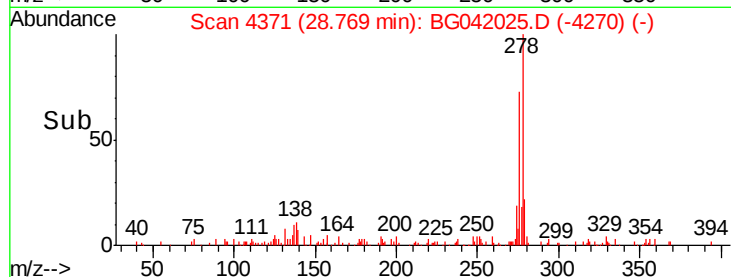
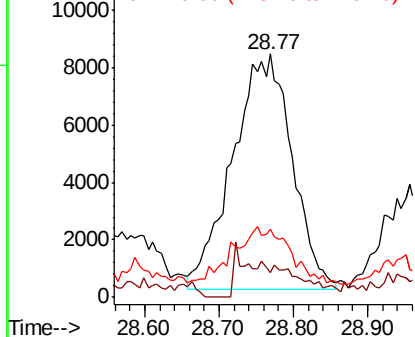


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93
Benzo(g,h,i)perylene
Concen: 3.931 ng/ul
RT: 29.87 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.6	18.8
277	24.4	19.2	28.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

