

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047401.D
 Acq On : 21 Nov 2020 19:08
 Operator : CG/JU
 Sample : L4711-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C0B65

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:47 AM

Quant Time: Nov 23 05:13:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	152217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	111318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	246013	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	202703	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	211869	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	4422	4.15	ng/uL	0.00
5) Phenol-d5	7.41	99	105432	27.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	55065	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	77018	29.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	83716	28.05	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	38771	30.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	45141	32.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	96844	30.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	86921	27.36	ng/ul	0.01
44) Dimethylphthalate-d6	14.28	166	295868	30.96	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	358019	32.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	44014	30.19	ng/ul	0.01
58) Fluorene-d10	15.87	176	268180	30.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	45756	32.68	ng/ul	0.00
71) Anthracene-d10	17.72	188	394655	32.34	ng/ul	0.00
79) Pyrene-d10	19.99	212	399610	33.88	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.08	264	385770	31.63	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	133713	13.717	ng/ul	98
70) Phenanthrene	17.66	178	207890	15.648	ng/ul	97
72) Anthracene	17.76	178	29701m	2.220	ng/ul	
75) Carbazole	18.01	167	17390	1.611	ng/ul#	93
77) Fluoranthene	19.65	202	630014	37.550	ng/ul	99
80) Pyrene	20.01	202	498395	34.711	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	283662	19.668	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.77	149	259385	36.900	ng/ul	98
85) Chrysene	21.95	228	314554	22.918	ng/ul	96
88) Benzo(b)fluoranthene	24.23	252	432572	28.917	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	140018	9.498	ng/ul	100
91) Benzo(a)pyrene	25.15	252	286638	21.495	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.22	276	201484	12.421	ng/ul	92
93) Dibenzo(a,h)anthracene	29.29	278	56606m	4.256	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	200072	14.948	ng/ul	92

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

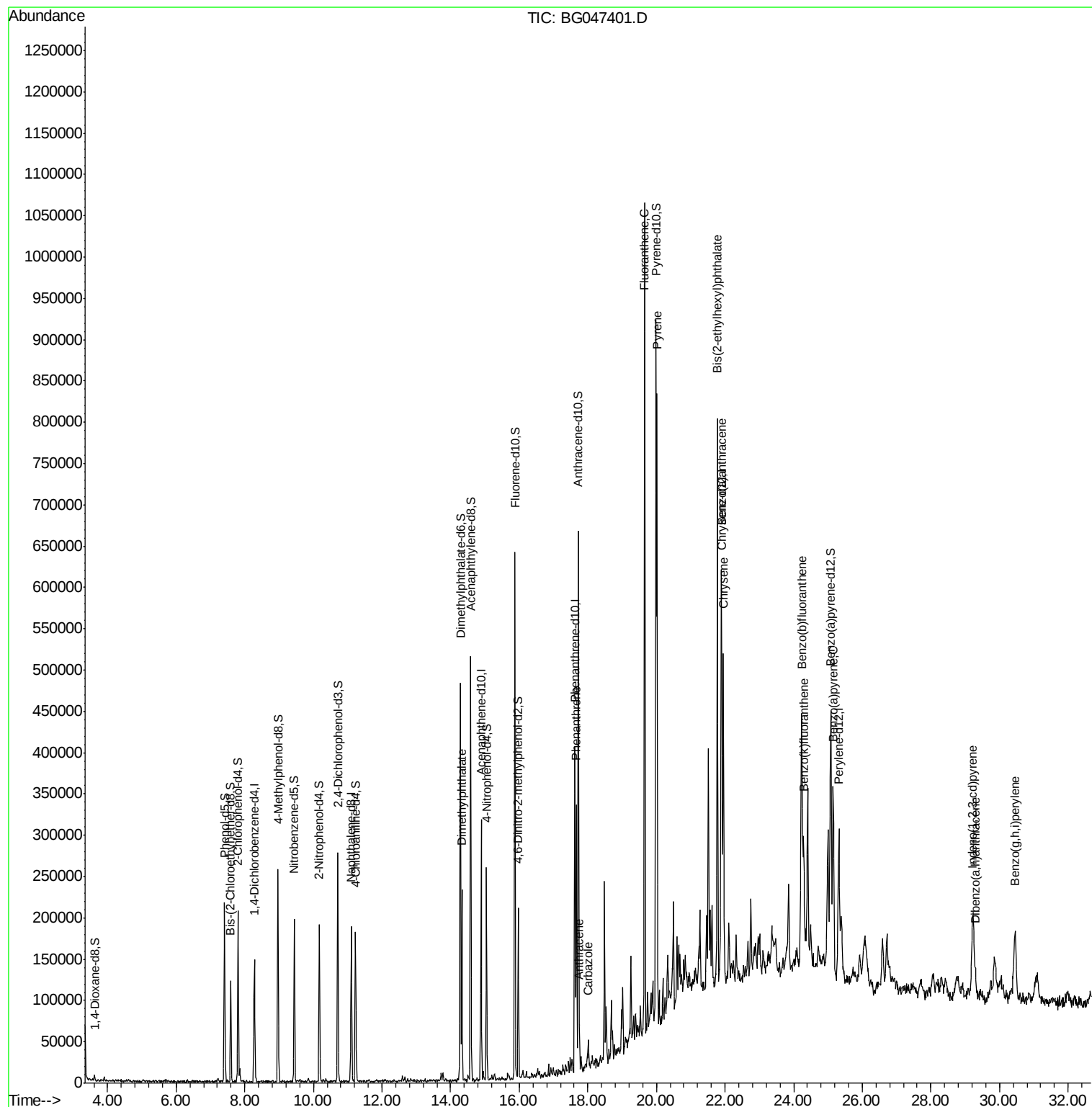
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047401.D
Acq On : 21 Nov 2020 19:08
Operator : CG/JU
Sample : L4711-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

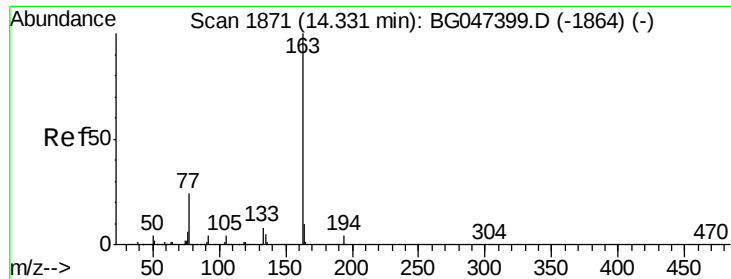
Instrument :
BNA_G
ClientSampleId :
C0B65

Manual Integrations
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11/24/2020 9:00:47 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





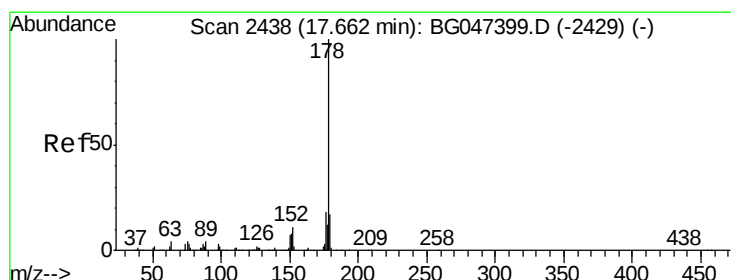
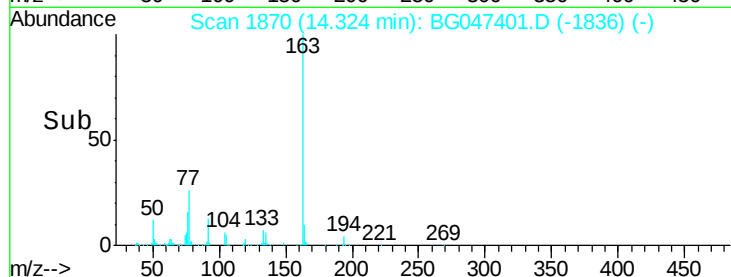
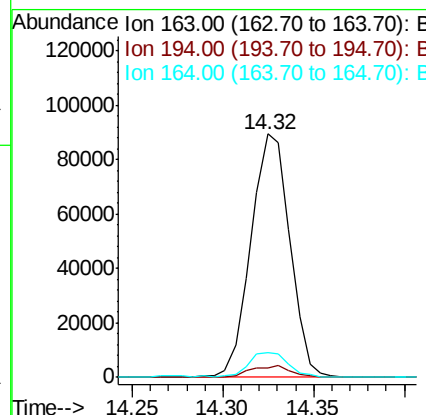
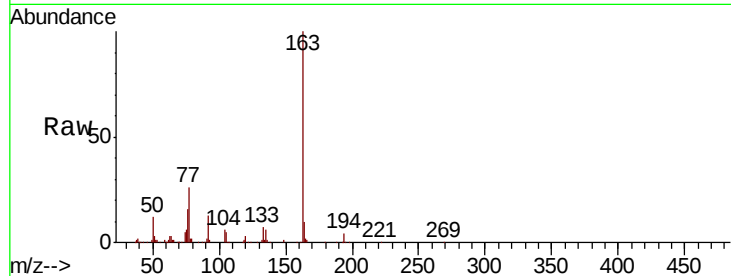
#45
Dimethylphthalate
Concen: 13.717 ng/ul
RT: 14.32 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Instrument :
BNA_G
ClientSampleId :
C0B65

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.8	13.2

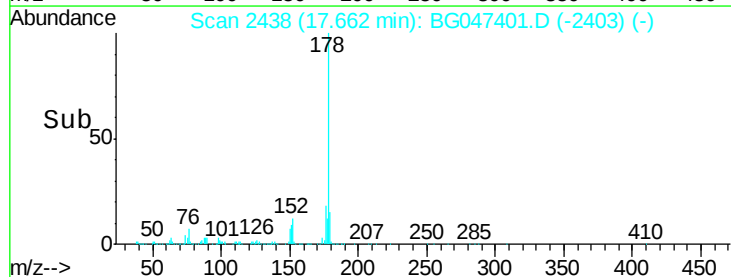
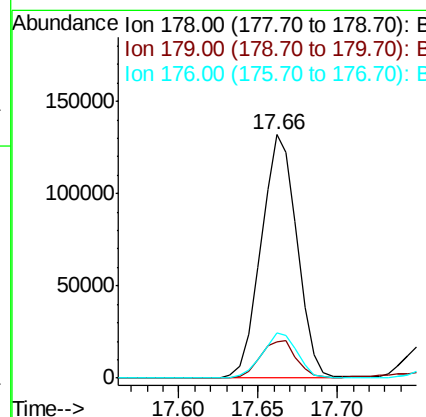
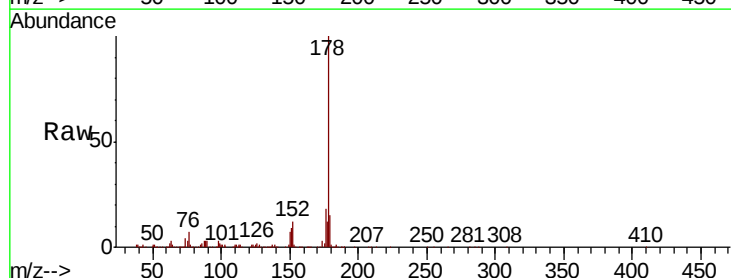
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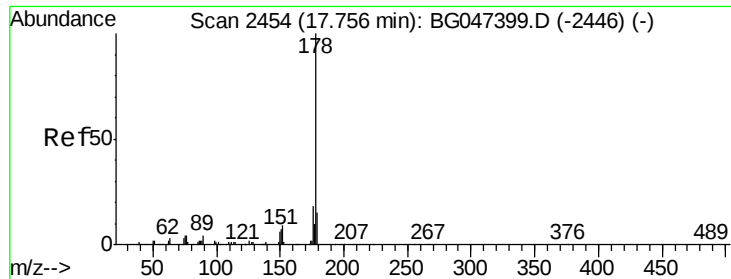
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#70
Phenanthrene
Concen: 15.648 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.8	19.2
176	18.3	15.7	23.5





#72

Anthracene

Concen: 2.220 ng/ul m

RT: 17.76 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG047401.D

Acq: 21 Nov 2020 19:08

Instrument :

BNA_G

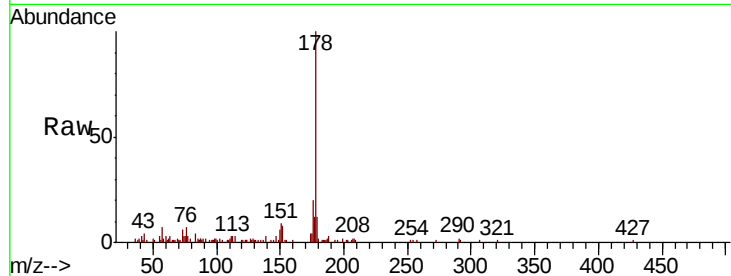
ClientSampleId :

C0B65

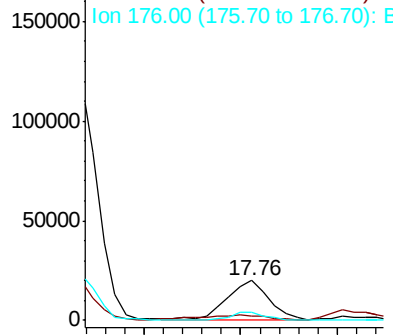
Tot Ion	Ratio	Lower	Upper
178	100		
179	11.8	12.2	18.2#
176	19.8	16.2	24.4

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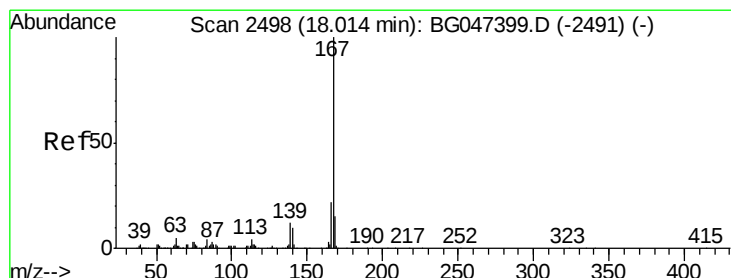
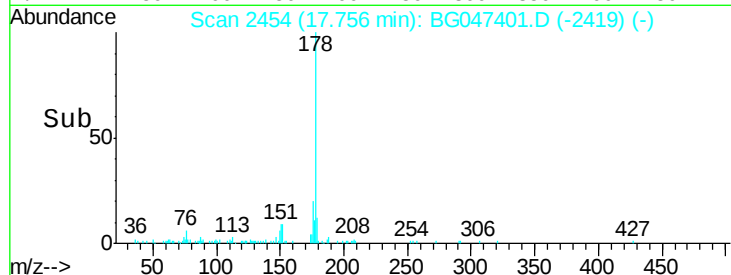
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Abundance Ion 178.00 (177.70 to 178.70): E



Time-->



#75

Carbazole

Concen: 1.611 ng/ul

RT: 18.01 min Scan# 2498

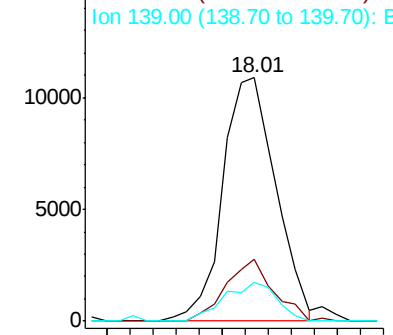
Delta R.T. 0.00 min

Lab File: BG047401.D

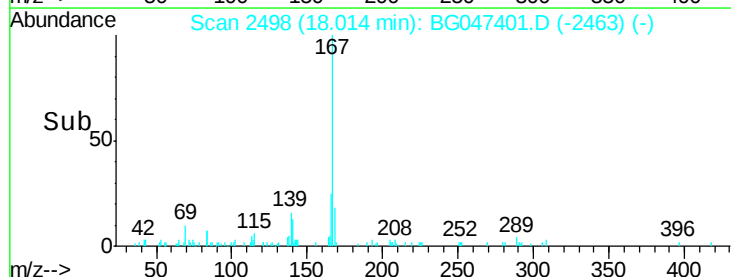
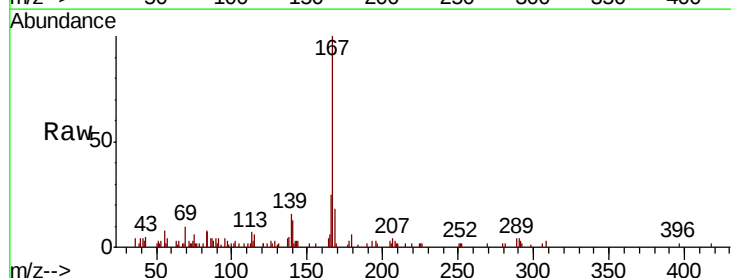
Acq: 21 Nov 2020 19:08

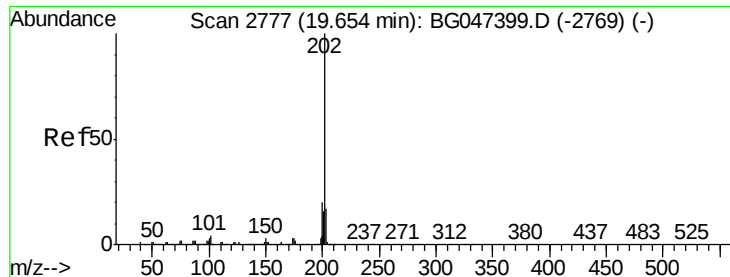
Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.8	26.6
139	16.0	9.9	14.9#

Abundance Ion 167.00 (166.70 to 167.70): E



Time-->





#77

Fluoranthene

Concen: 37.550 ng/ul

RT: 19.65 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG047401.D

Acq: 21 Nov 2020 19:08

Instrument :

BNA_G

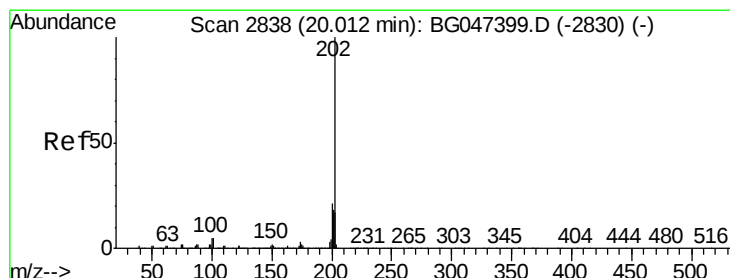
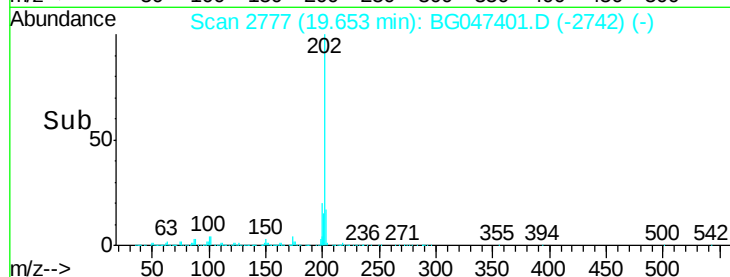
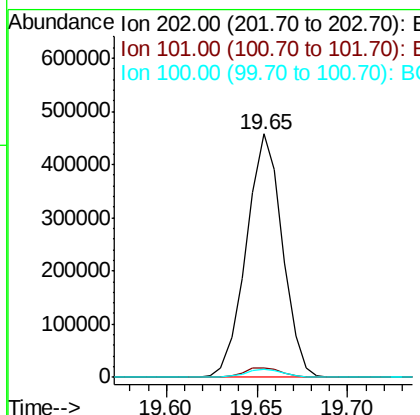
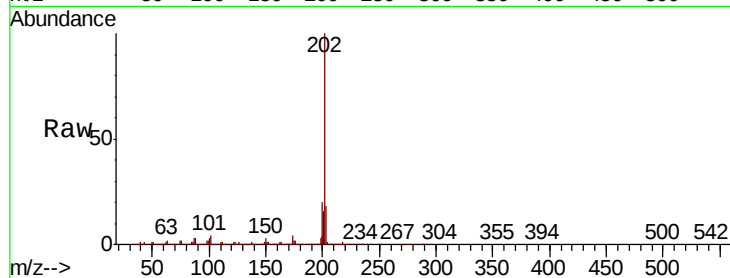
ClientSampleId :

C0B65

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		630014		
101	3.9	3.3	4.9		
100	3.5	3.4	5.0		

Manual Integrations
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#80

Pyrene

Concen: 34.711 ng/ul

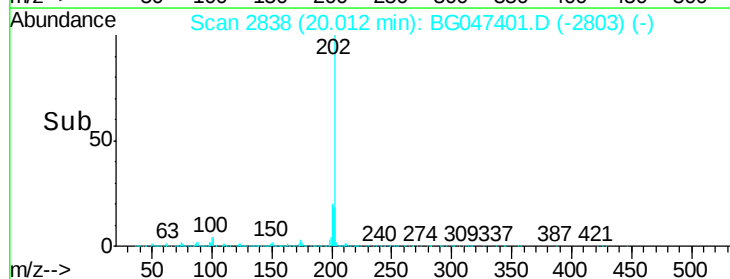
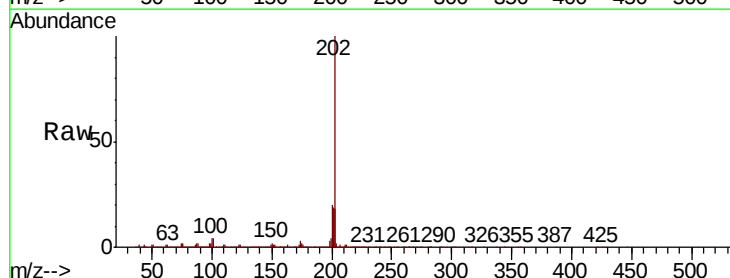
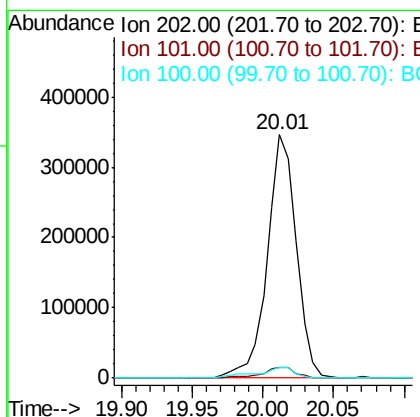
RT: 20.01 min Scan# 2838

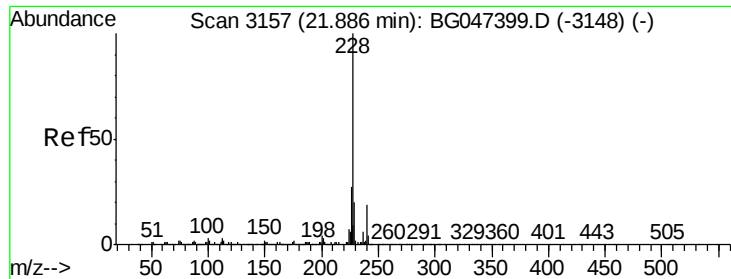
Delta R.T. 0.00 min

Lab File: BG047401.D

Acq: 21 Nov 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		498395		
101	4.3	5.0	7.4#		
100	4.1	4.6	7.0#		





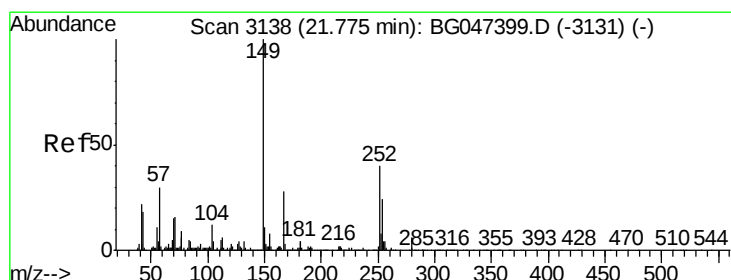
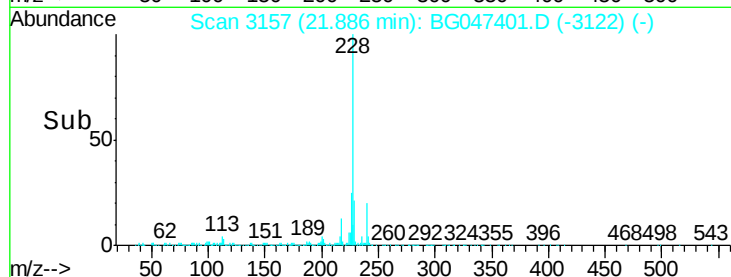
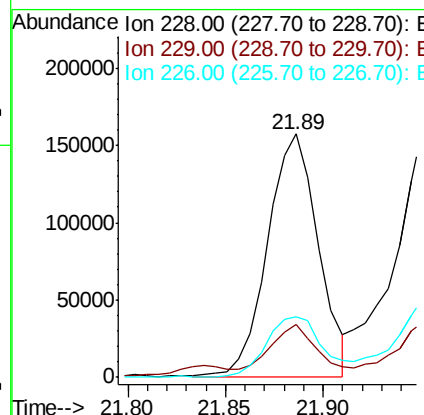
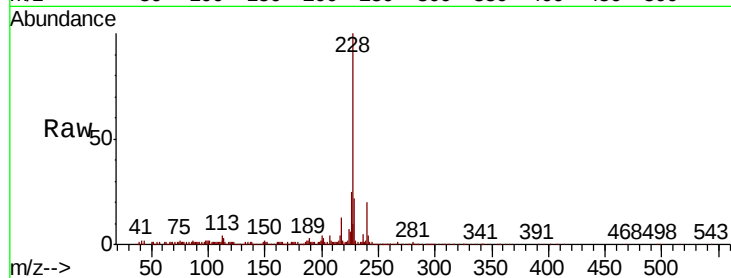
#83
Benzo(a)anthracene
Concen: 19.668 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Instrument :
BNA_G
ClientSampleId :
C0B65

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	25.0	23.3	34.9

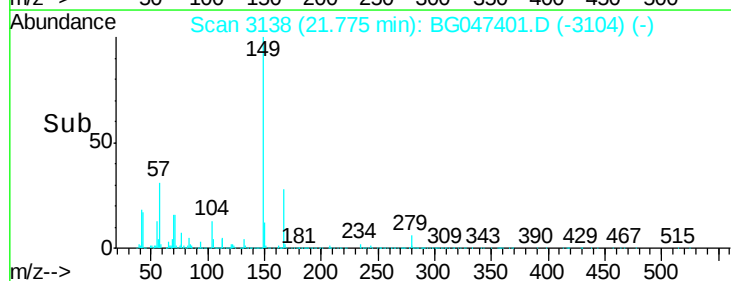
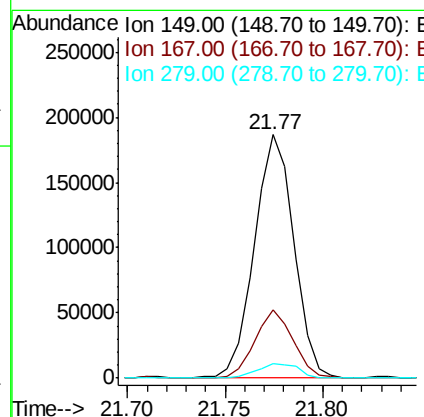
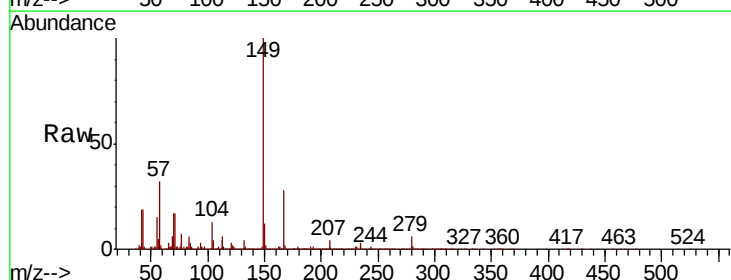
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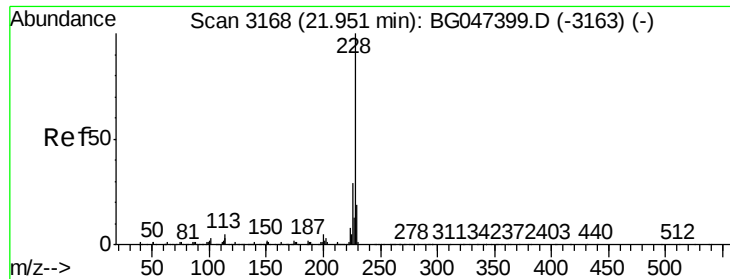
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.900 ng/ul
RT: 21.77 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	5.8	4.2	6.2





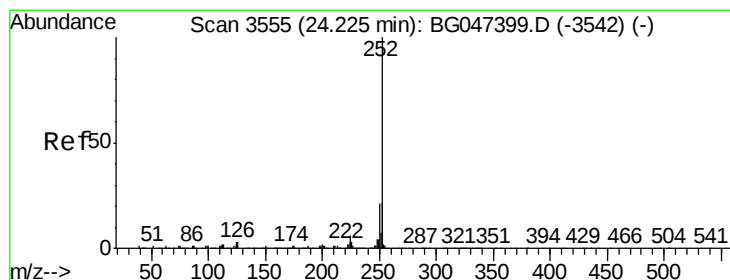
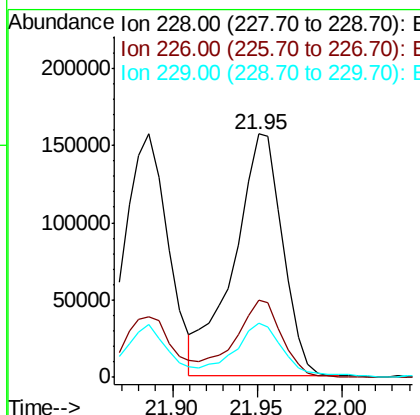
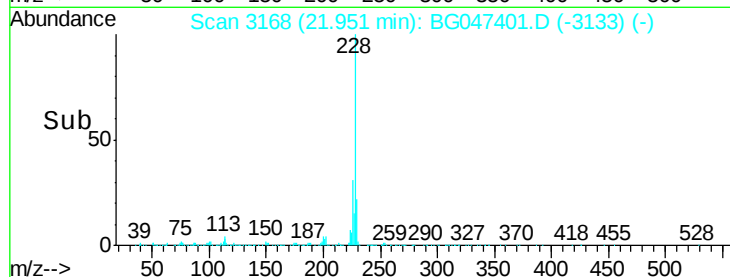
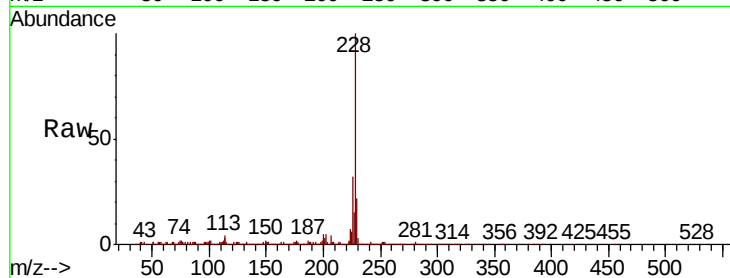
#85
 Chrysene
 Concen: 22.918 ng/ul
 RT: 21.95 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG047401.D
 Acq: 21 Nov 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 C0B65

Tot Ion:	228	Resp:	314554
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.8	35.6
229	22.2	16.3	24.5

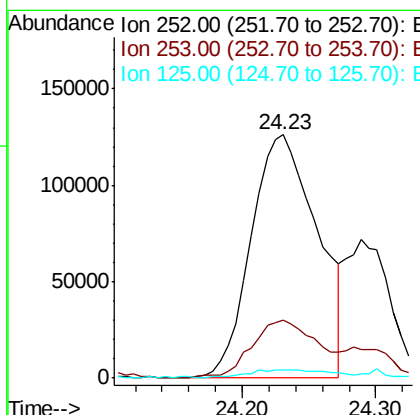
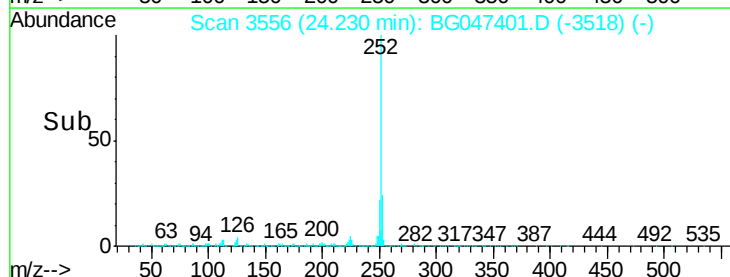
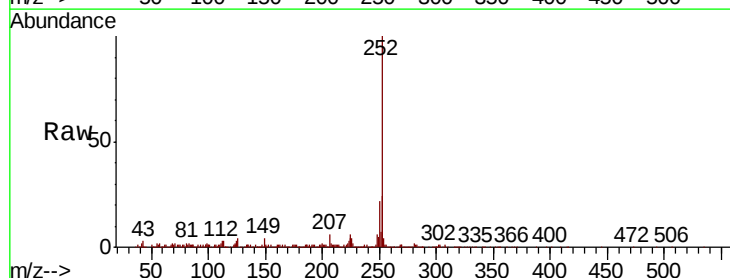
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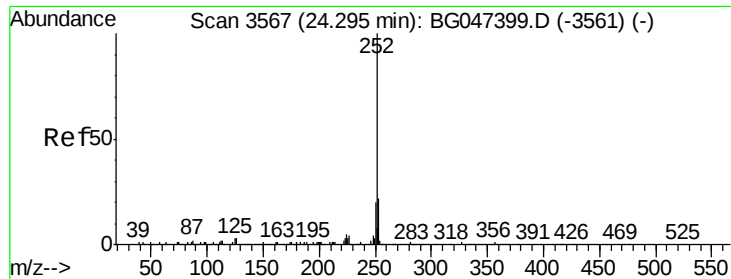
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#88
 Benzo(b)fluoranthene
 Concen: 28.917 ng/ul
 RT: 24.23 min Scan# 3556
 Delta R.T. 0.02 min
 Lab File: BG047401.D
 Acq: 21 Nov 2020 19:08

Tgt Ion:	252	Resp:	432572
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	3.4	2.5	3.7





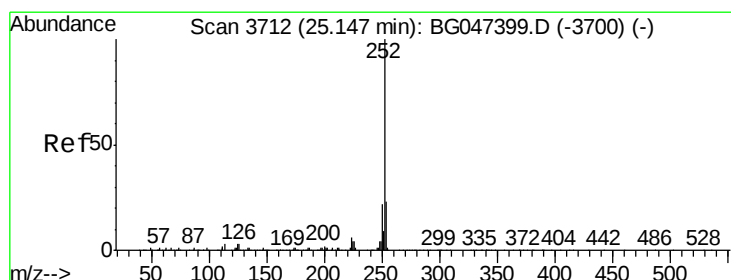
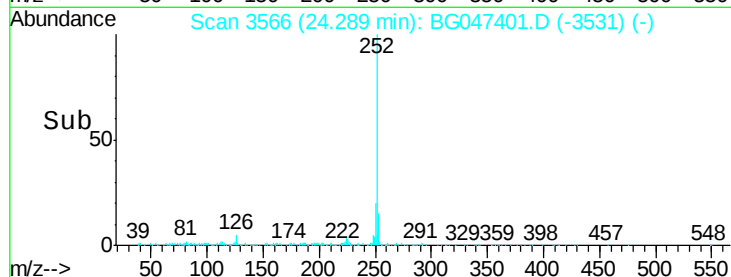
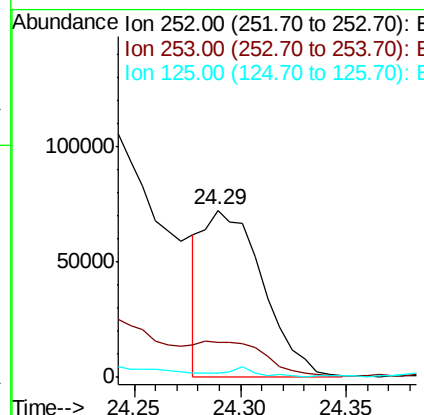
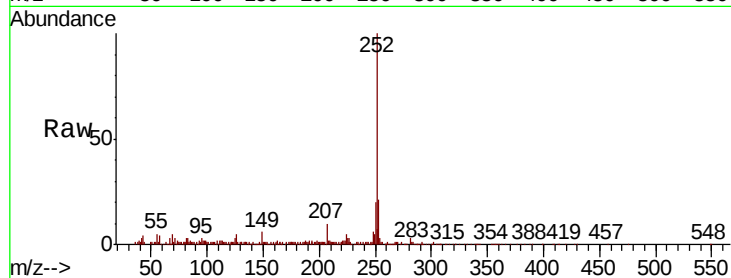
#89
Benzo(k)fluoranthene
Concen: 9.498 ng/ul
RT: 24.29 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Instrument :
BNA_G
ClientSampleId :
C0B65

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	16.7	25.1
125	2.9	2.6	3.8

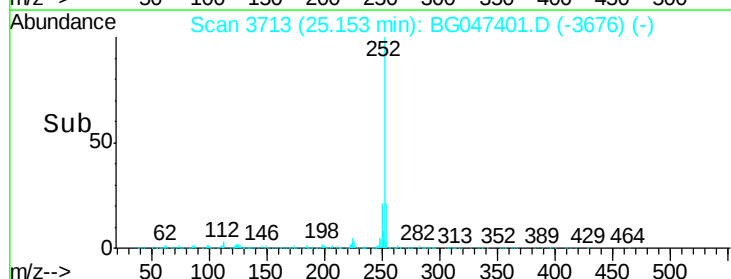
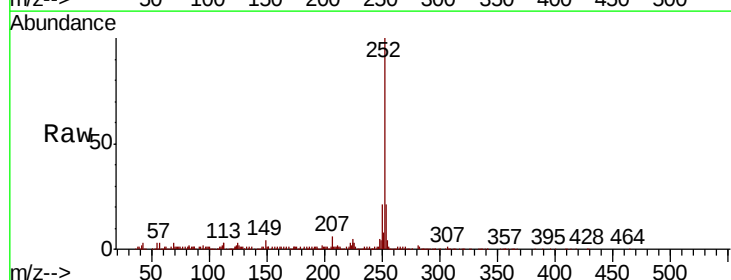
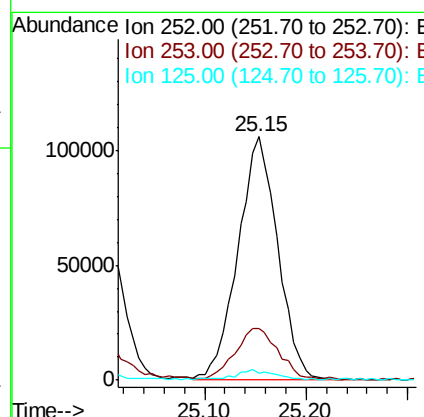
Manual Integrations
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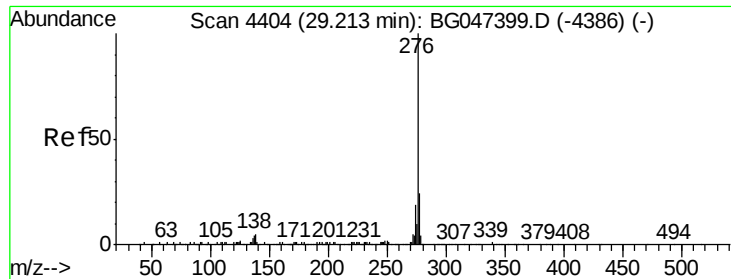
mohammad
11/24/2020 9:00:47 AM



#91
Benzo(a)pyrene
Concen: 21.495 ng/ul
RT: 25.15 min Scan# 3713
Delta R.T. 0.02 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	2.8	3.1	4.7#





#92

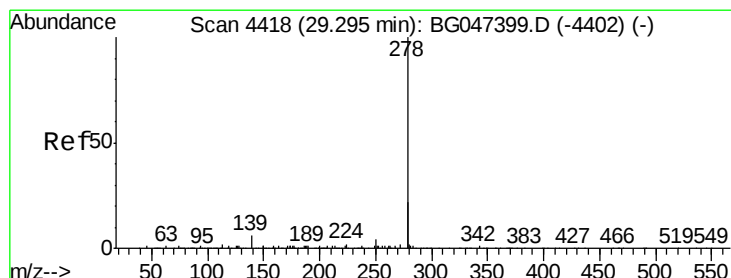
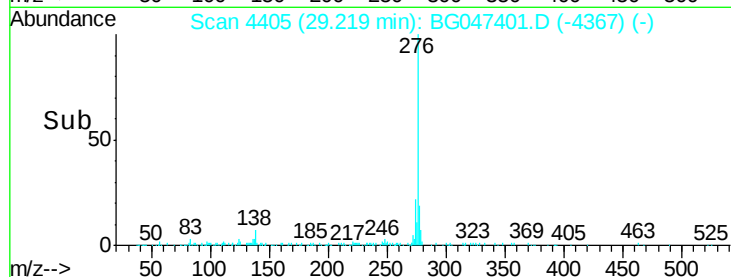
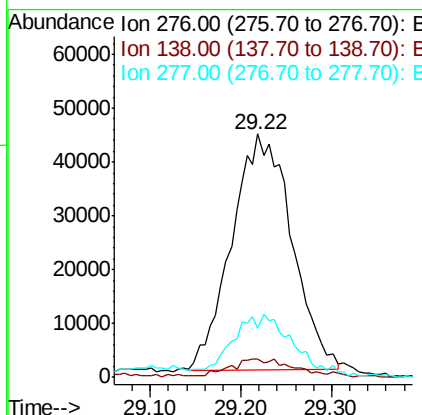
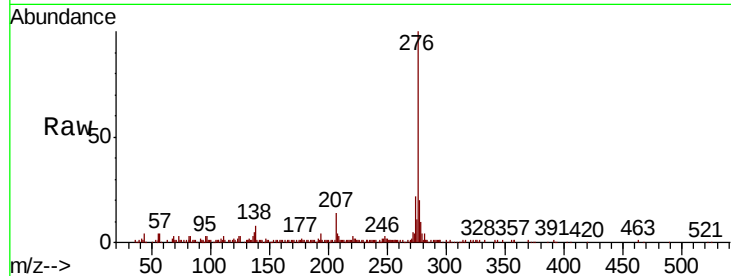
Indeno(1,2,3-cd)pyrene
Concen: 12.421 ng/ul
RT: 29.22 min Scan# 4405
Delta R.T. 0.02 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Instrument :
BNA_G
ClientSampleId :
C0B65

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.8	7.5	11.3
277	20.4	19.9	29.9

Manual Integrations
APPROVED

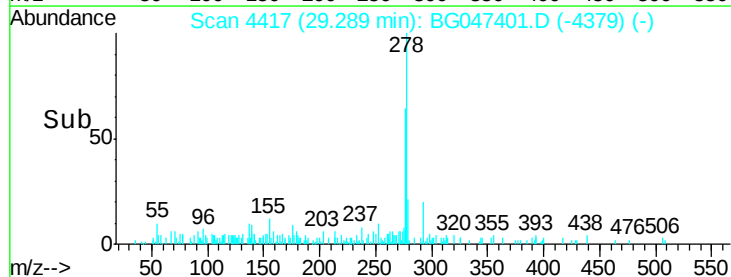
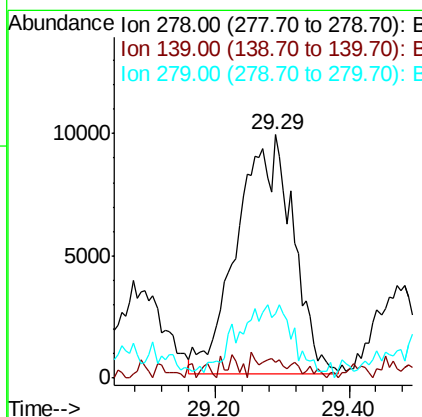
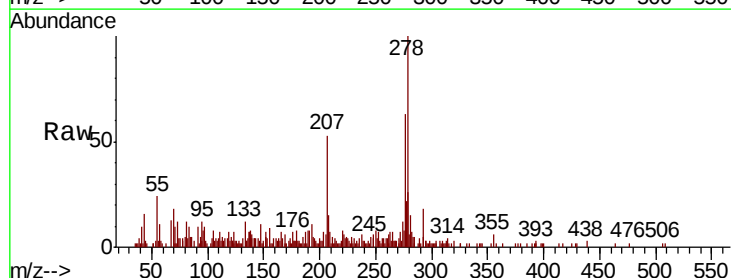
mohammad
11/24/2020 9:00:47 AM

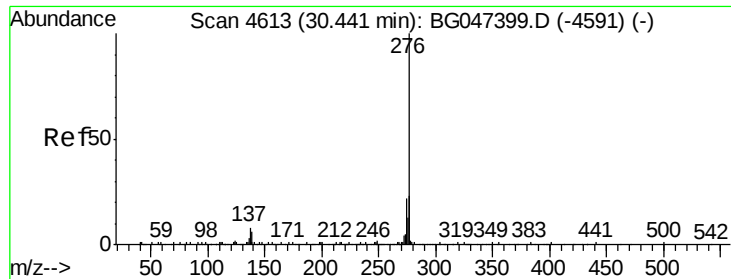


#93

Dibenzo(a,h)anthracene
Concen: 4.256 ng/ul m
RT: 29.29 min Scan# 4417
Delta R.T. 0.02 min
Lab File: BG047401.D
Acq: 21 Nov 2020 19:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.4	5.8	8.6
279	26.5	20.0	30.0





#94
 Benzo(a,h,i)perylene
 Concen: 14.948 ng/ul
 RT: 30.45 min Scan# 4615
 Delta R.T. 0.03 min
 Lab File: BG047401.D
 Acq: 21 Nov 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 C0B65

Tot Ion:	276	Resp:	200072
Ion Ratio	Lower	Upper	
276	100		
138	8.3	8.2	12.2
277	26.2	17.5	26.3

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:47 AM

