

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047406.D
 Acq On : 21 Nov 2020 22:31
 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:58:46 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	42896	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	163273	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	114782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	249663	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	207491	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	221532	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2825	2.39	ng/uL	0.00
5) Phenol-d5	7.40	99	79368	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	39367	16.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	54441	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	58892	17.81	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	29126	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	32914	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	73465	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	68853	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	227923	23.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	272317	23.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	30355	20.19	ng/ul	0.02
58) Fluorene-d10	15.87	176	208121	23.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	23568	16.58	ng/ul	0.00
71) Anthracene-d10	17.72	188	303994	24.54	ng/ul	0.00
79) Pyrene-d10	19.98	212	309239	25.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	302614	23.73	ng/ul	0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	14.33	163	82805	8.238 ng/ul	97
70) Phenanthrene	17.66	178	115423m	8.561 ng/ul	
72) Anthracene	17.76	178	28288m	2.083 ng/ul	
77) Fluoranthene	19.65	202	210885	12.385 ng/ul	99
80) Pyrene	20.01	202	162078	11.027 ng/ul#	94
83) Benzo(a)anthracene	21.88	228	83128	5.631 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	8555	1.189 ng/ul#	85
85) Chrysene	21.95	228	85521	6.087 ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	116323	7.437 ng/ul	97
89) Benzo(k)fluoranthene	24.29	252	34253m	2.222 ng/ul	
91) Benzo(a)pyrene	25.14	252	73690	5.285 ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.22	276	57828m	3.410 ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	15210m	1.094 ng/ul	
94) Benzo(g,h,i)perylene	30.44	276	51174m	3.657 ng/ul	

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

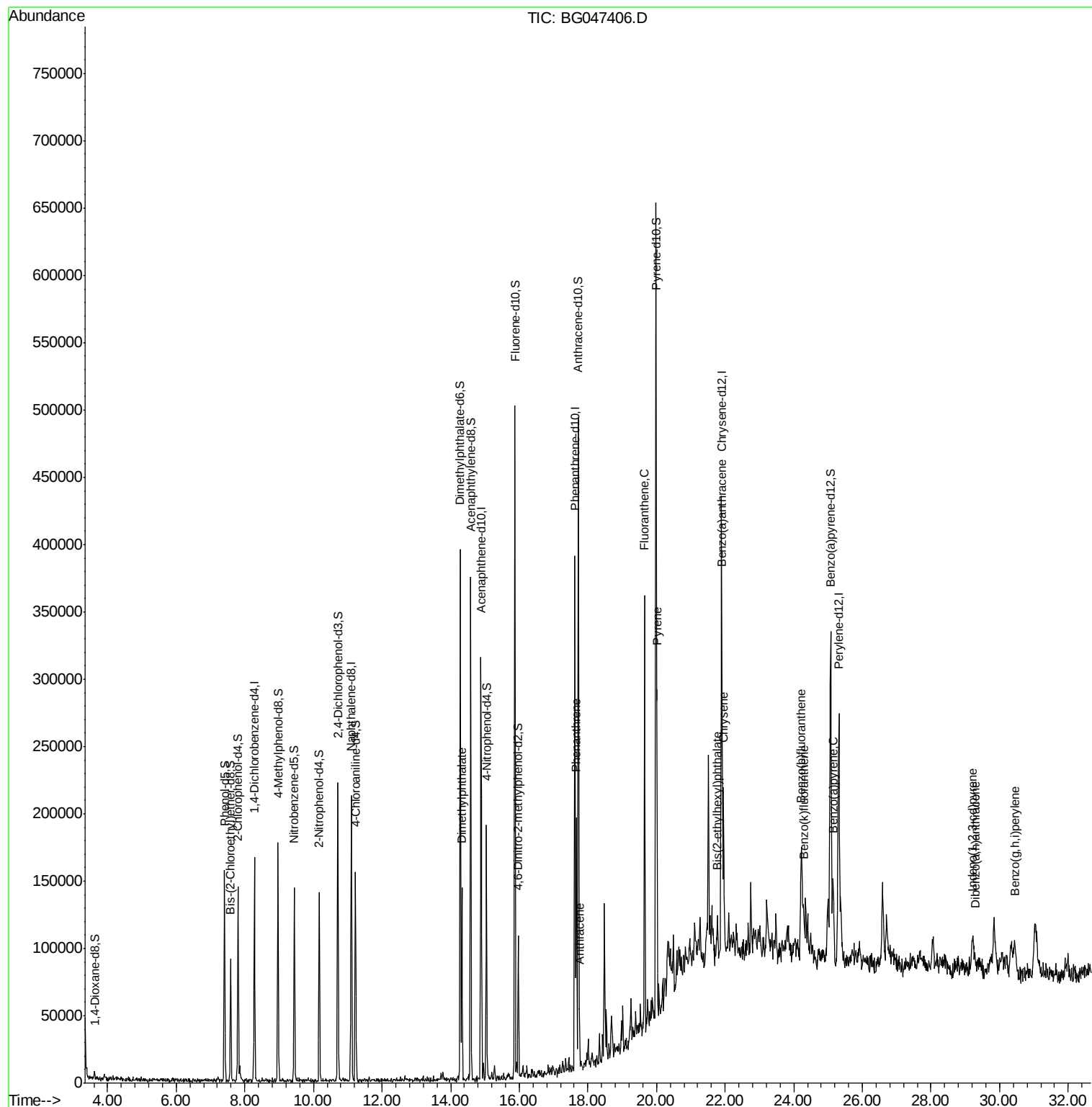
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047406.D
Acq On : 21 Nov 2020 22:31
Operator : CG/JU
Sample : L4711-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

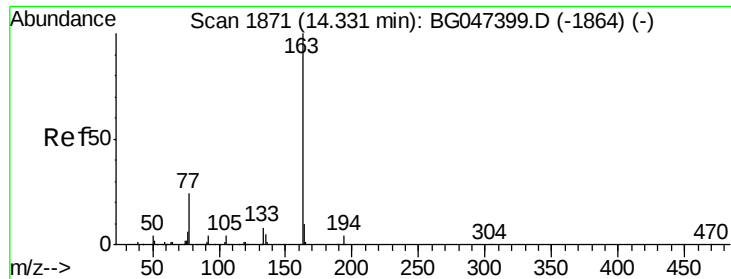
Instrument :
BNA_G
ClientSampleId :
C0BF6

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Quant Time: Nov 23 05:58:46 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





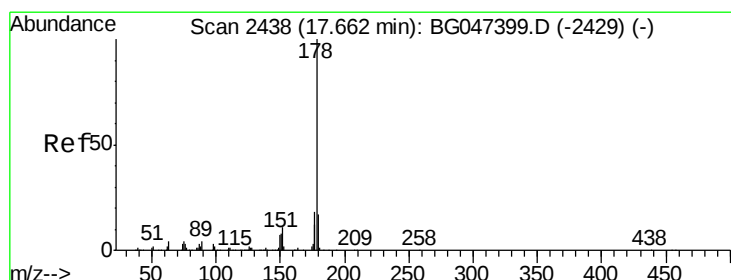
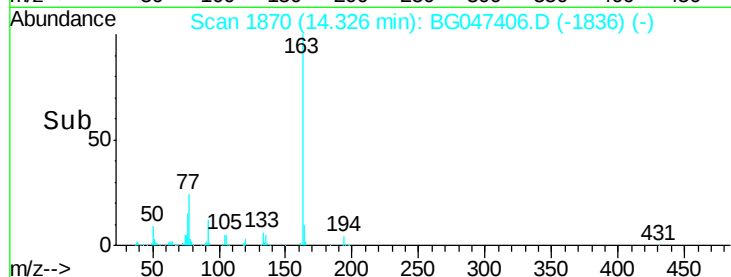
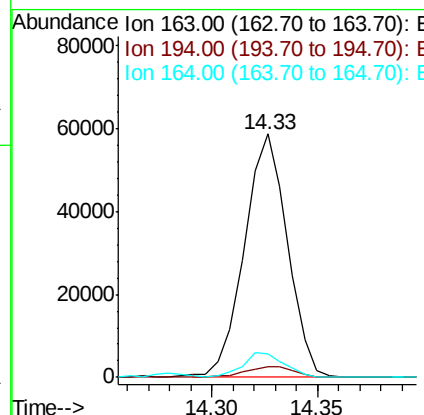
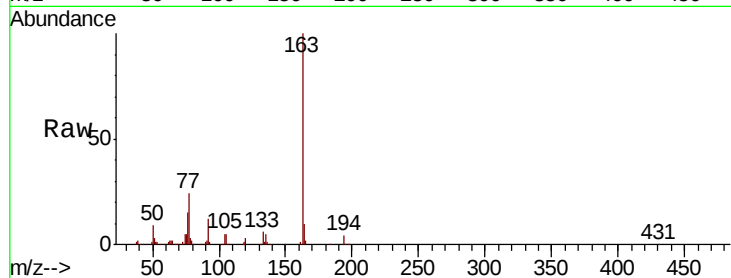
#45
Dimethylphthalate
Concen: 8.238 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Instrument :
BNA_G
ClientSampleId :
C0BF6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.6	8.8	13.2

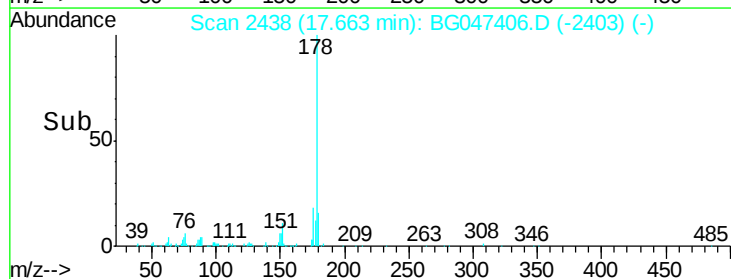
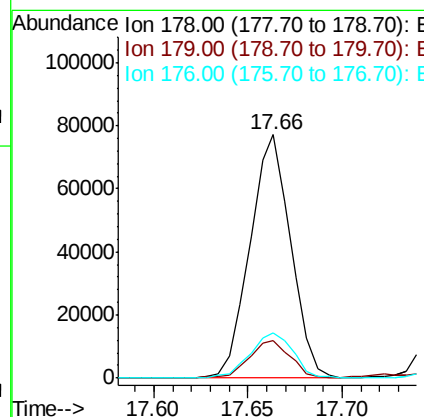
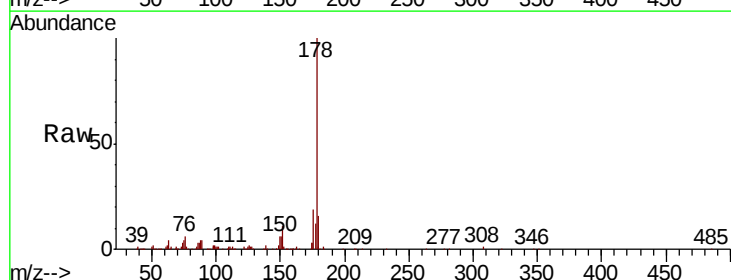
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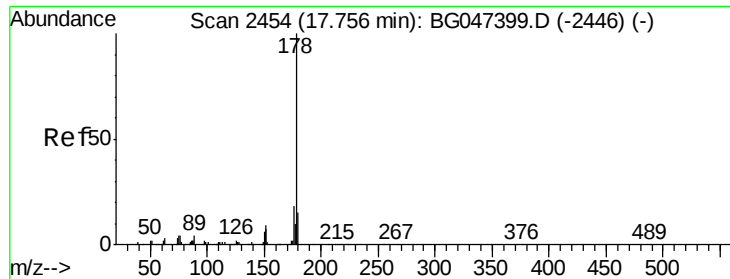
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#70
Phenanthrene
Concen: 8.561 ng/ul m
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.7	23.5





#72

Anthracene

Concen: 2.083 ng/ul

RT: 17.76 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

Instrument :

BNA_G

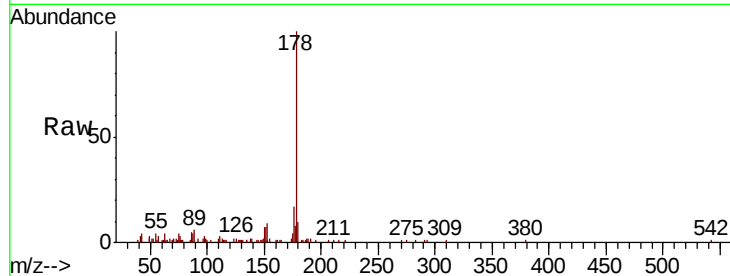
ClientSampled :

C0BF6

Tot Ion	Ratio	Lower	Upper
178	100		
179	9.6	12.2	18.2#
176	17.4	16.2	24.4

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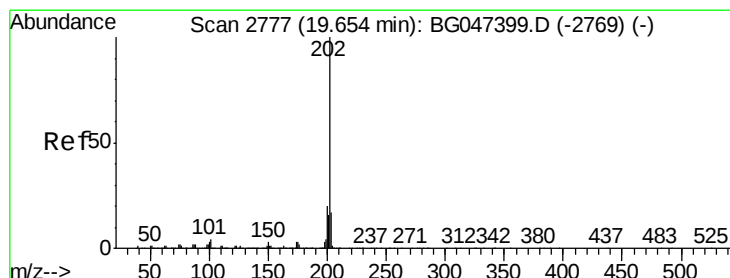
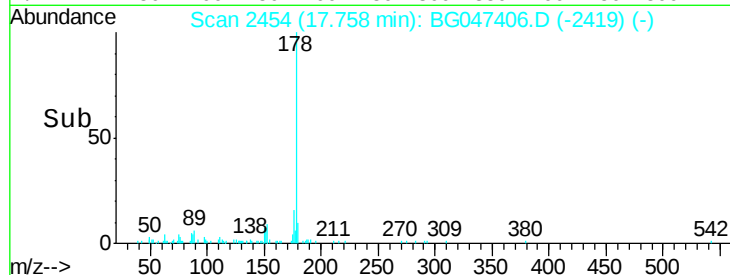
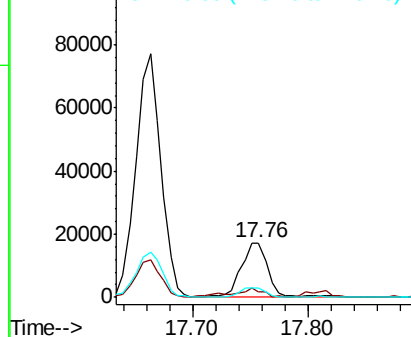


Abundance

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



#77

Fluoranthene

Concen: 12.385 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

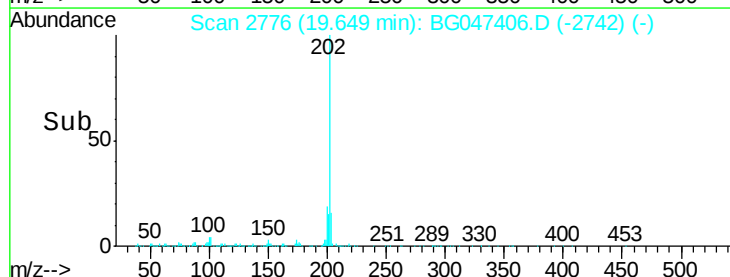
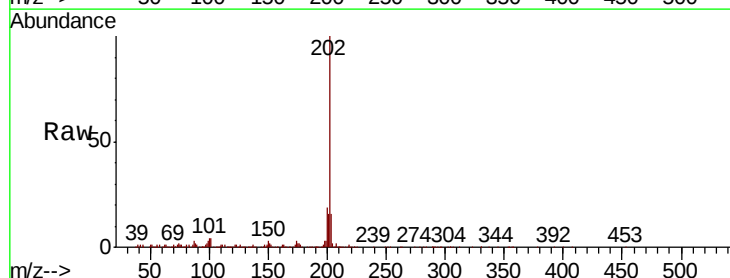
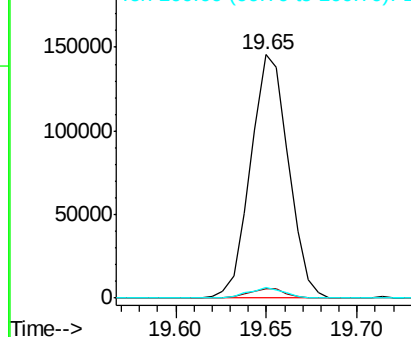
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.8	3.3	4.9
100	4.4	3.4	5.0

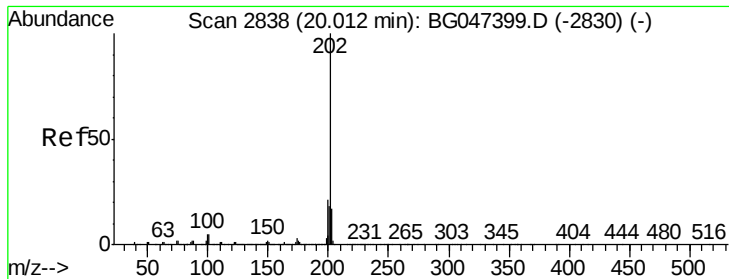
Abundance

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





#80

Pvrene

Concen: 11.027 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

Instrument :

BNA_G

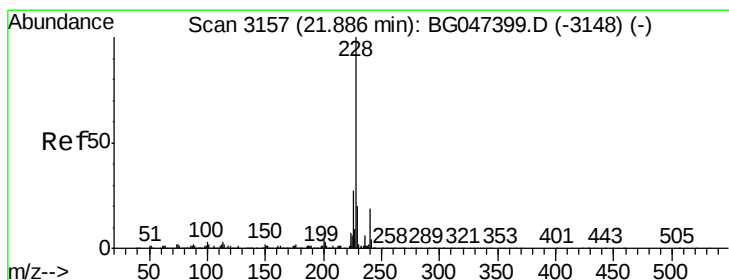
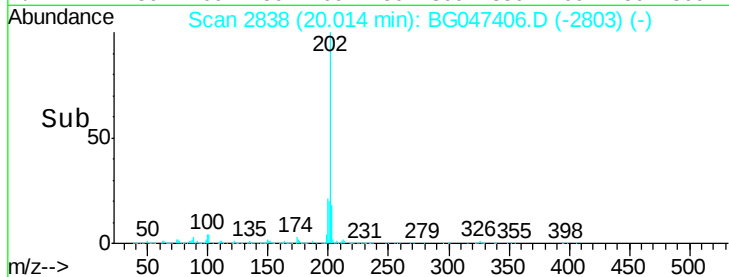
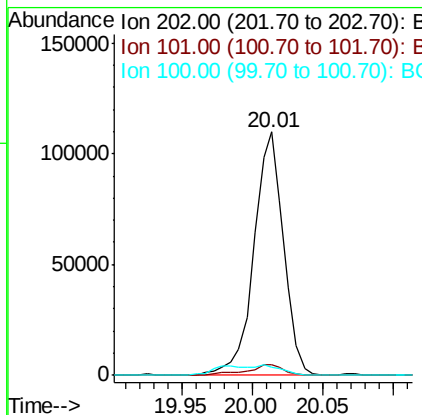
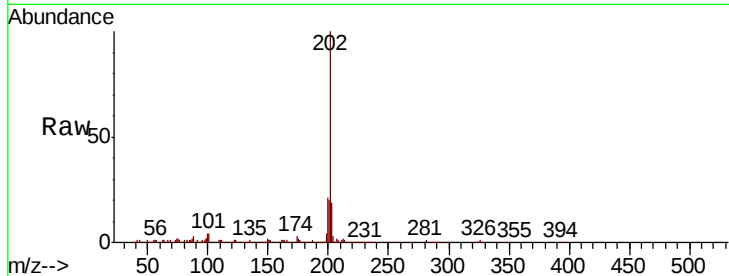
ClientSampleId :

C0BF6

Tot Ion	Ratio	Lower	Upper
202	100		
101	4.3	5.0	7.4#
100	3.6	4.6	7.0#

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#83

Benzo(a)anthracene

Concen: 5.631 ng/ul

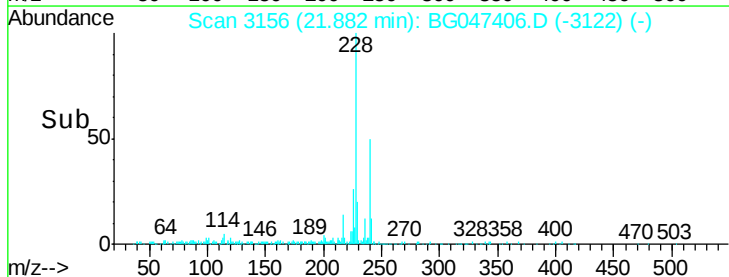
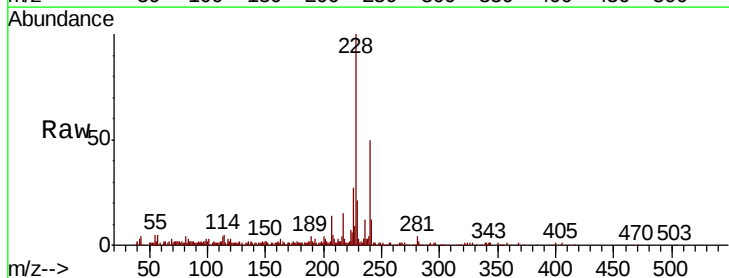
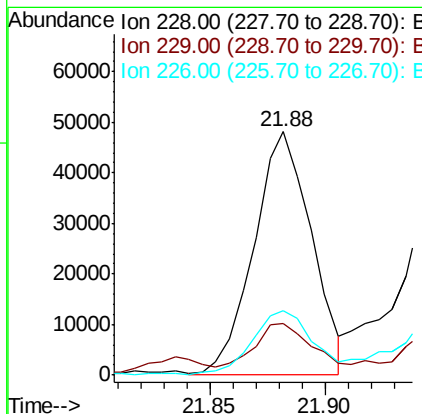
RT: 21.88 min Scan# 3156

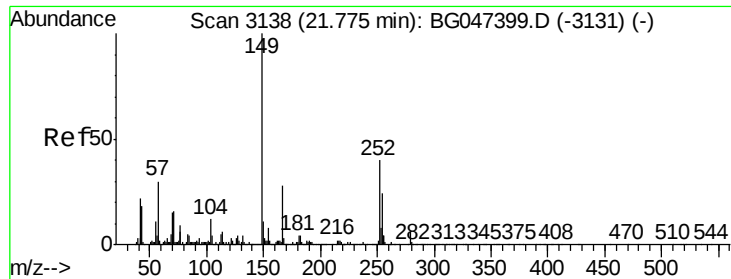
Delta R.T. 0.00 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	26.7	23.3	34.9





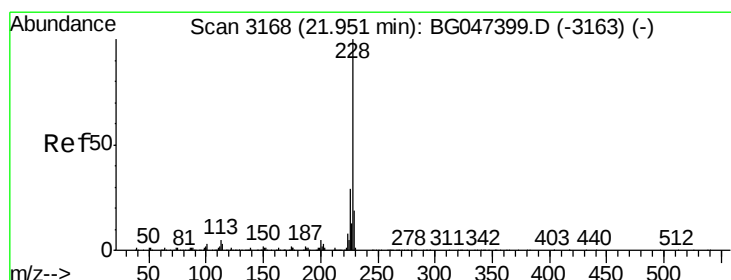
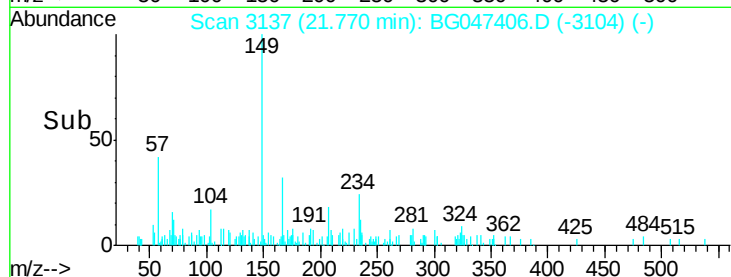
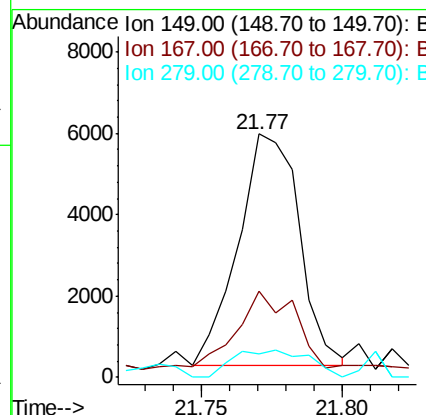
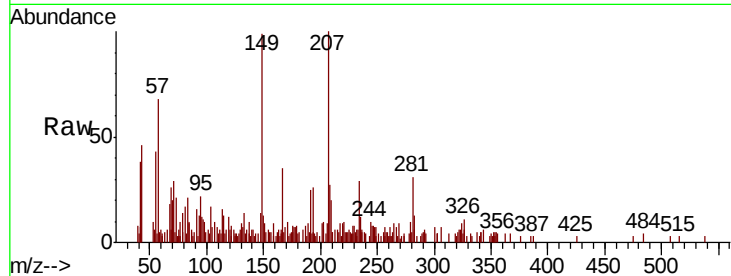
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.189 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Instrument :
BNA_G
ClientSampleId :
C0BF6

Tot Ion	Ratio	Lower	Upper
149	100		
167	35.3	21.8	32.8#
279	9.6	4.2	6.2#

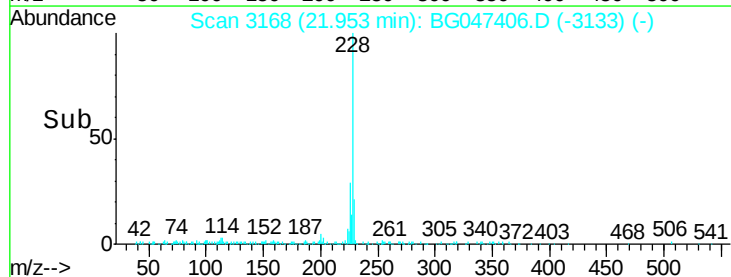
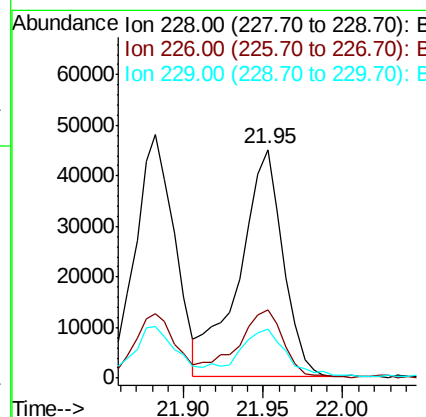
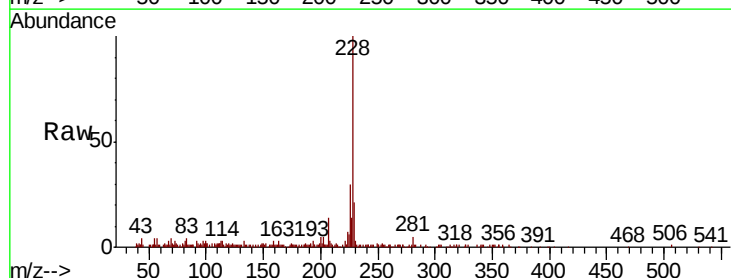
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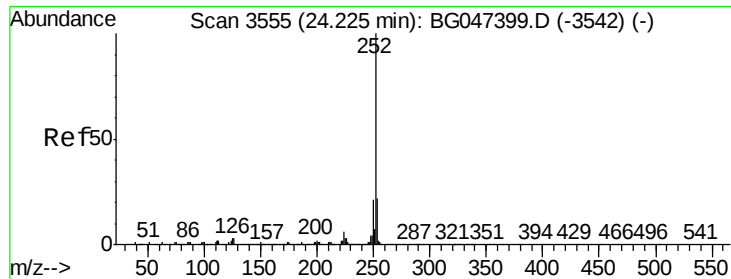
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#85
Chrysene
Concen: 6.087 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.2	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 7.437 ng/ul

RT: 24.22 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

Instrument :

BNA_G

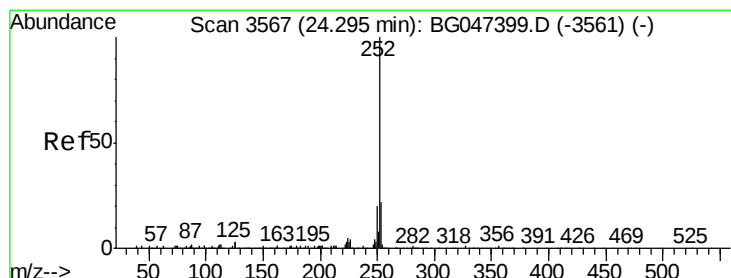
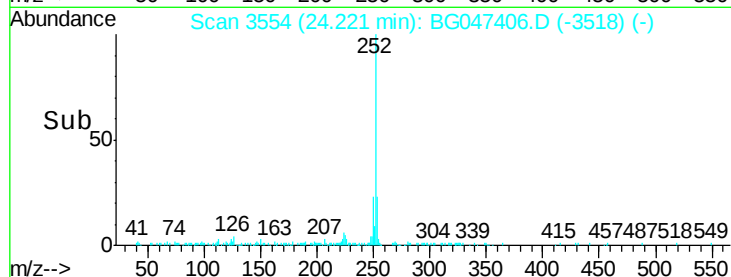
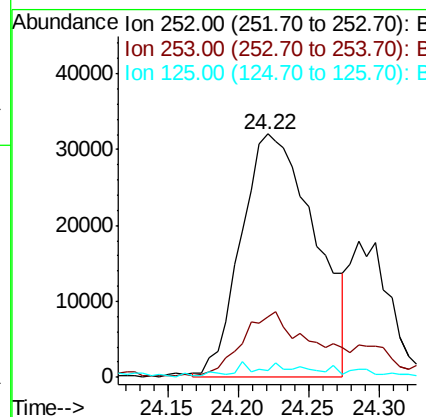
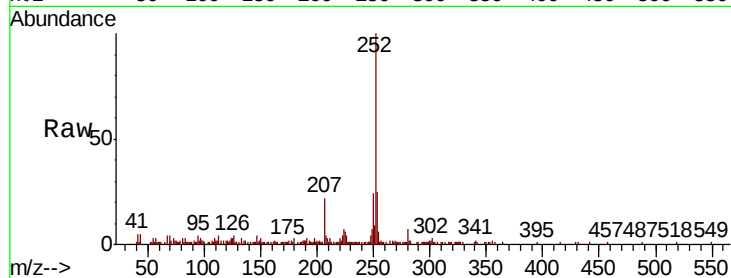
ClientSampleId :

C0BF6

Tot Ion:	252	Resp:	116323
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.4	27.6
125	3.1	2.5	3.7

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.222 ng/ul m

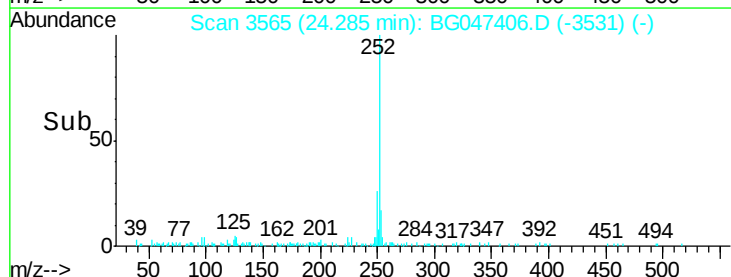
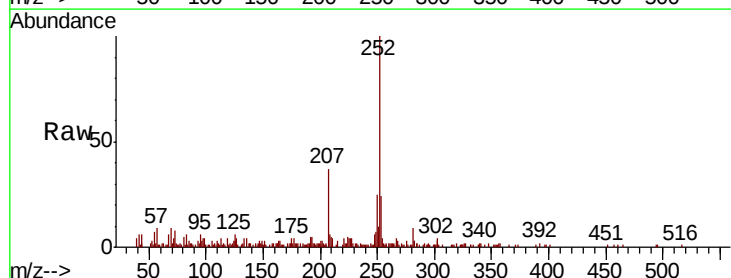
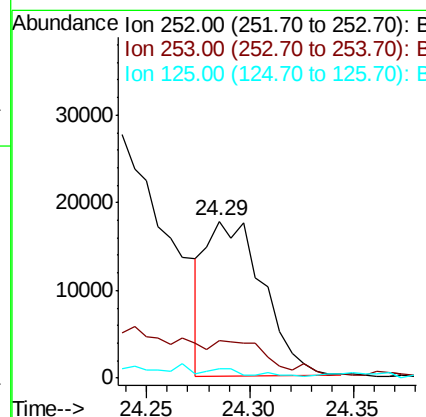
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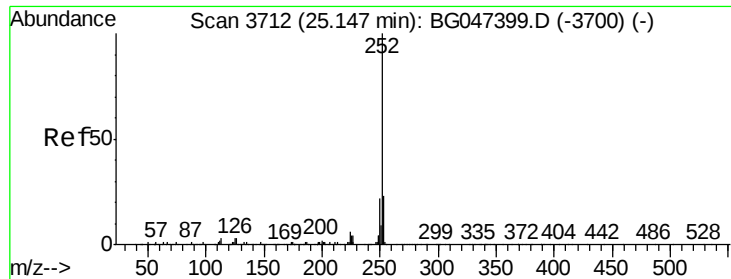
Delta R.T. 0.00 min

Lab File: BG047406.D

Acq: 21 Nov 2020 22:31

Tgt Ion:	252	Resp:	34253
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.7	25.1
125	6.2	2.6	3.8#





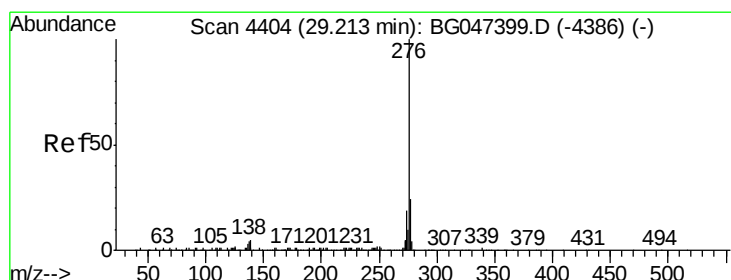
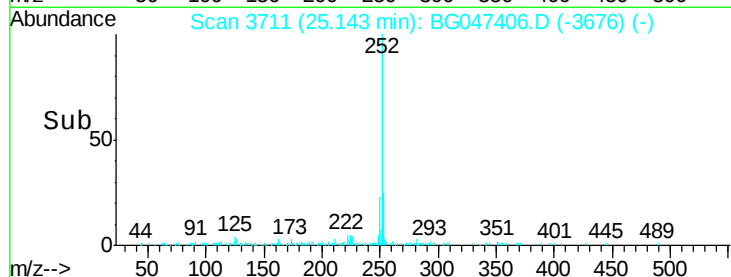
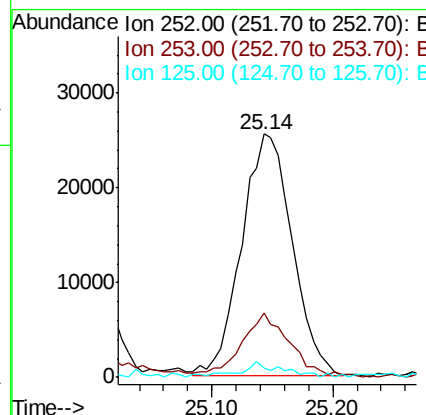
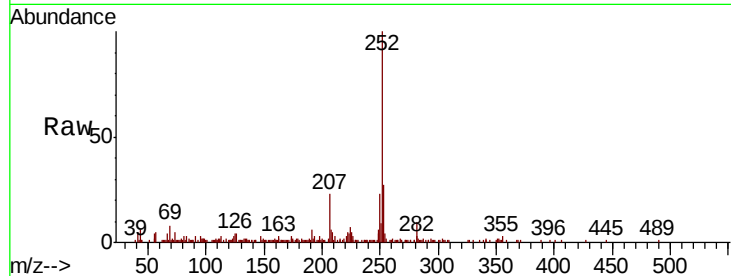
#91
Benzo(a)pyrene
Concen: 5.285 ng/ul
RT: 25.14 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Instrument :
BNA_G
ClientSampleId :
C0BF6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	4.0	3.1	4.7

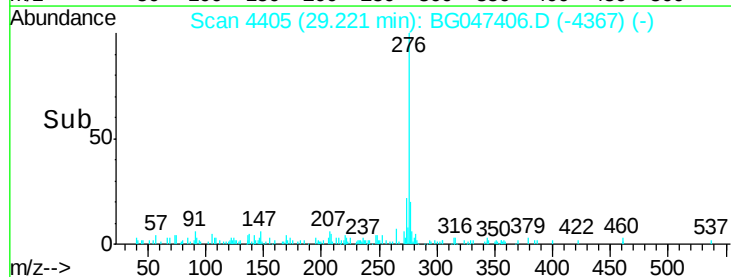
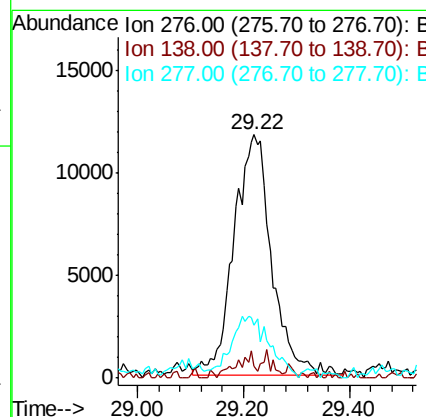
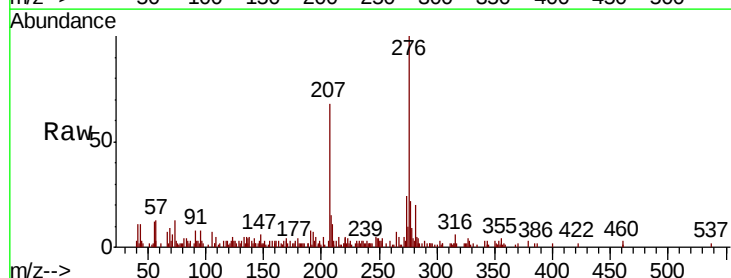
Manual Integrations
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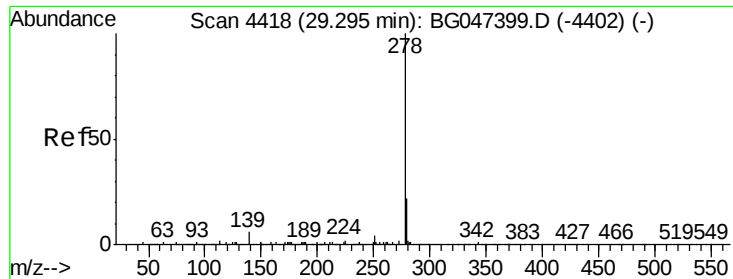
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.410 ng/ul m
RT: 29.22 min Scan# 4405
Delta R.T. 0.02 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	7.5	11.3#
277	21.5	19.9	29.9





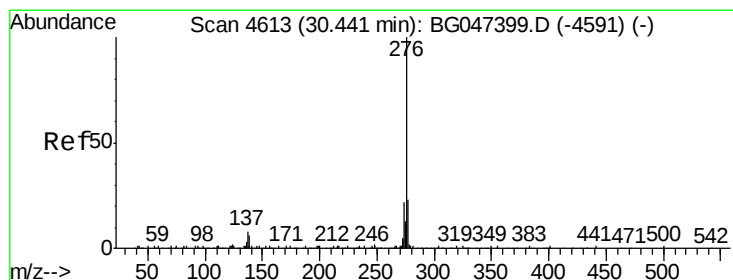
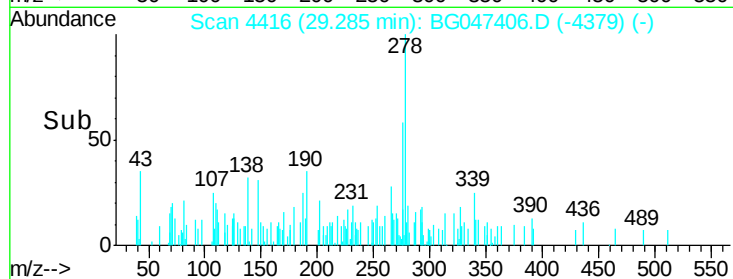
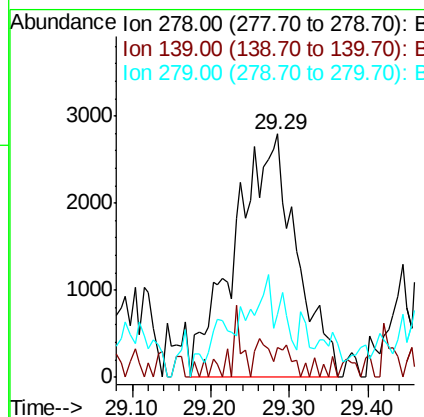
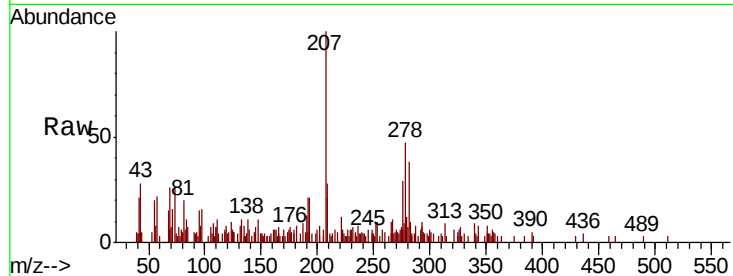
#93
Dibenzo(a,h)anthracene
Concen: 1.094 ng/ul m
RT: 29.29 min Scan# 4416
Delta R.T. 0.02 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Instrument :
BNA_G
ClientSampleId :
C0BF6

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	5.8	8.6#
279	26.2	20.0	30.0

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM



#94
Benzo(g,h,i)perylene
Concen: 3.657 ng/ul m
RT: 30.44 min Scan# 4612
Delta R.T. 0.02 min
Lab File: BG047406.D
Acq: 21 Nov 2020 22:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.8	8.2	12.2#
277	27.7	17.5	26.3#

