

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047434.D
 Acq On : 24 Nov 2020 5:49
 Operator : CG/JU
 Sample : L4749-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B76

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:43 PM

Quant Time: Nov 24 07:28:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 07:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40268	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	153036	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	110184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	250746m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	220390	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	230508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1788	1.61	ng/uL	0.00
5) Phenol-d5	7.41	99	52996	13.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	29081	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	40311	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	40213	12.96	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19766	15.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	22546	16.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	48735	15.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	40076	12.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	152010	16.07	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	180099	16.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	16021	11.10	ng/ul	0.00
58) Fluorene-d10	15.87	176	136541	15.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8606m	6.03	ng/ul	0.00
71) Anthracene-d10	17.72	188	201516	16.20	ng/ul	0.00
79) Pyrene-d10	19.98	212	218443	17.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	212429	16.01	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.43	94	10483	2.709 ng/ul	90
45) Dimethylphthalate	14.32	163	37207	3.856 ng/ul#	96
70) Phenanthrene	17.66	178	90856	6.710 ng/ul	98
72) Anthracene	17.75	178	16621	1.219 ng/ul	97
77) Fluoranthene	19.65	202	217061	12.693 ng/ul	98
80) Pyrene	20.01	202	174210	11.159 ng/ul	100
83) Benzo(a)anthracene	21.88	228	86092	5.490 ng/ul	97
85) Chrysene	21.94	228	82696	5.542 ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	108499	6.667 ng/ul	97
89) Benzo(k)fluoranthene	24.29	252	41485m	2.587 ng/ul	
91) Benzo(a)pyrene	25.15	252	72401	4.990 ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.22	276	48267m	2.735 ng/ul	
93) Dibenzo(a,h)anthracene	29.25	278	15547m	1.074 ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	37336m	2.564 ng/ul	

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

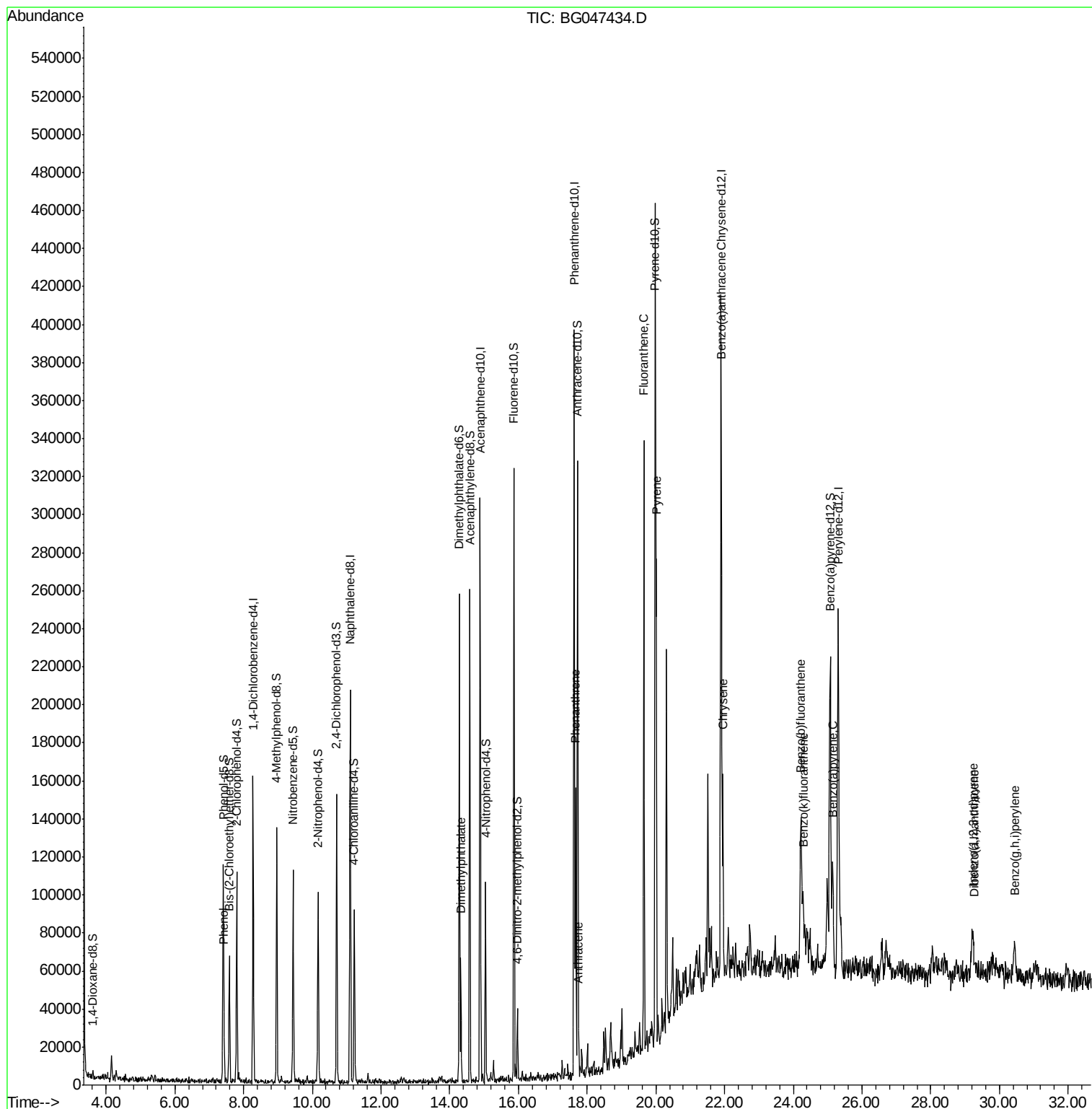
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047434.D
Acq On : 24 Nov 2020 5:49
Operator : CG/JU
Sample : L4749-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

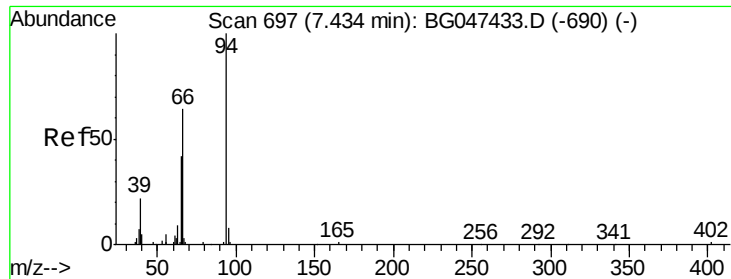
Instrument :
BNA_G
ClientSampleId :
C0B76

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Quant Time: Nov 24 07:28:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 07:08:43 2020
Response via : Initial Calibration





#6

Phenol

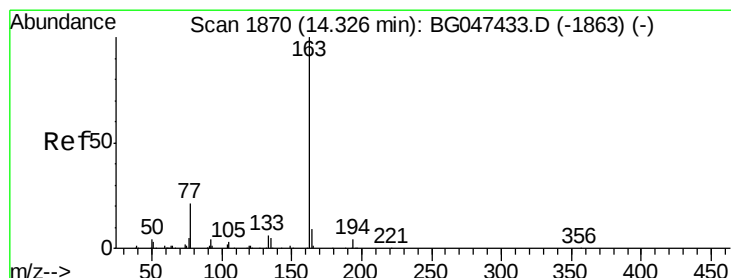
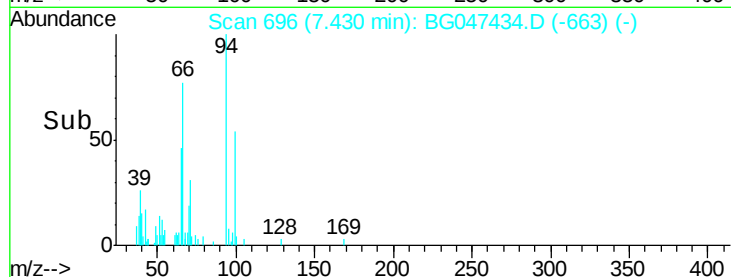
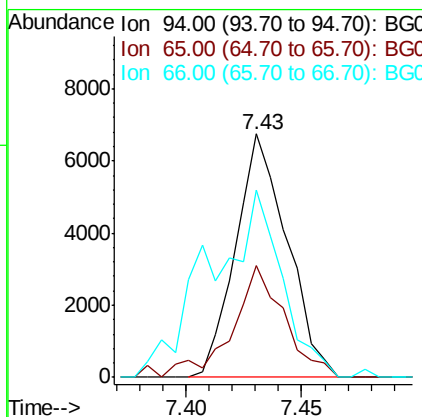
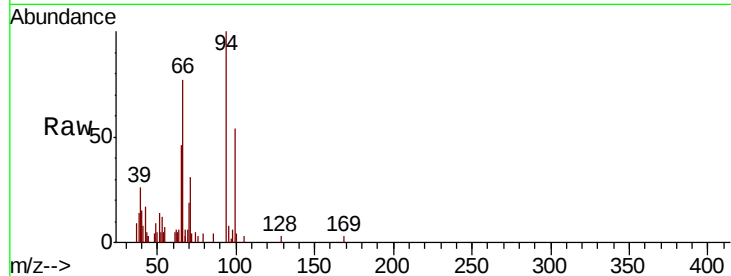
Concen: 2.709 ng/ul
 RT: 7.43 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BG047434.D
 Acq: 24 Nov 2020 5:49

Instrument :
 BNA_G
 ClientSampleId :
 C0B76

Tot Ion	Ratio	Lower	Upper
94	100		
65	45.9	37.8	56.8
66	77.1	51.6	77.4

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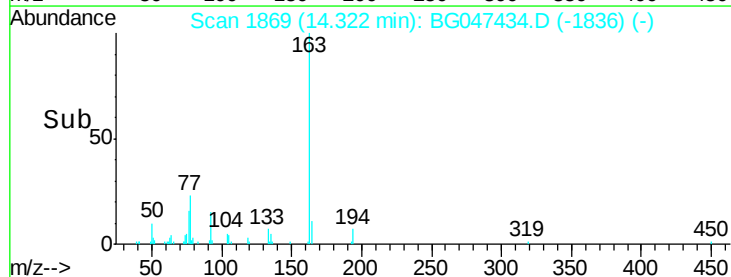
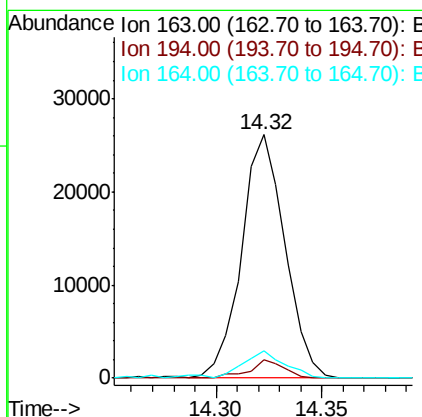
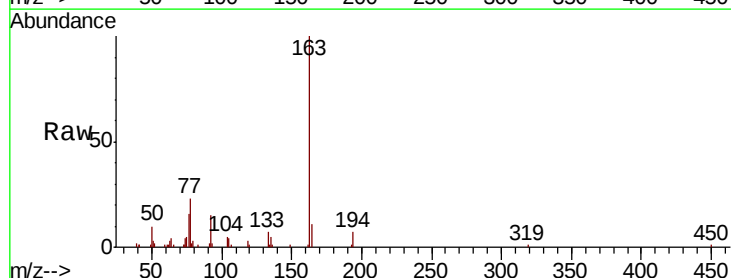


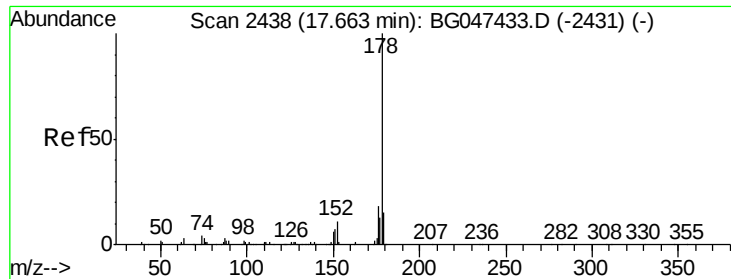
#45

Dimethylphthalate

Concen: 3.856 ng/ul
 RT: 14.32 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BG047434.D
 Acq: 24 Nov 2020 5:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.6	5.4#
164	11.2	8.5	12.7





#70

Phenanthrene

Concen: 6.710 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Instrument :

BNA_G

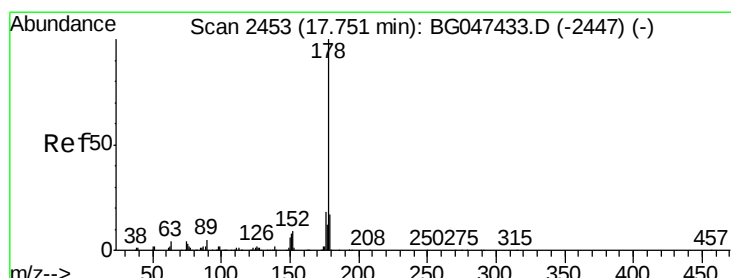
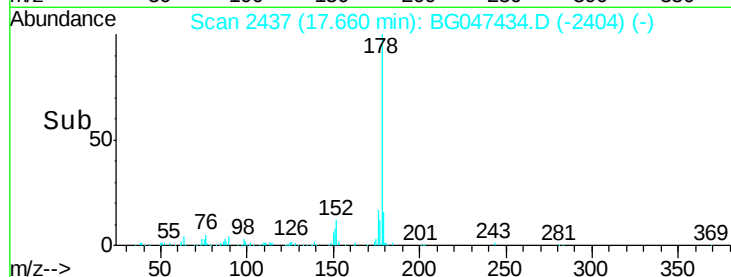
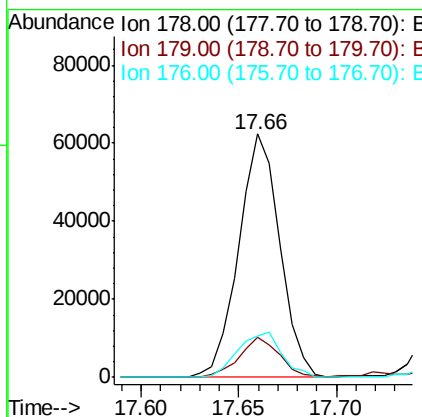
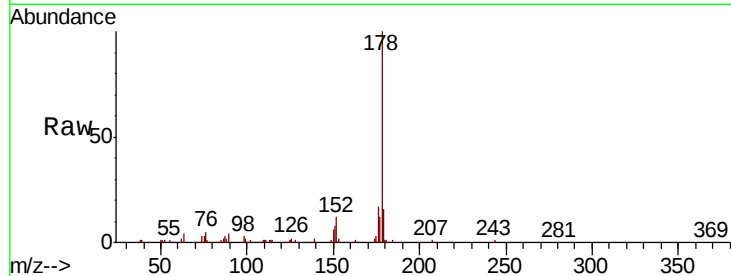
ClientSampleId :

C0B76

Tot Ion:	178	Resp:	90856
Ion Ratio	Lower	Upper	
178	100		
179	16.4	11.8	17.6
176	17.1	13.9	20.9

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#72

Anthracene

Concen: 1.219 ng/ul

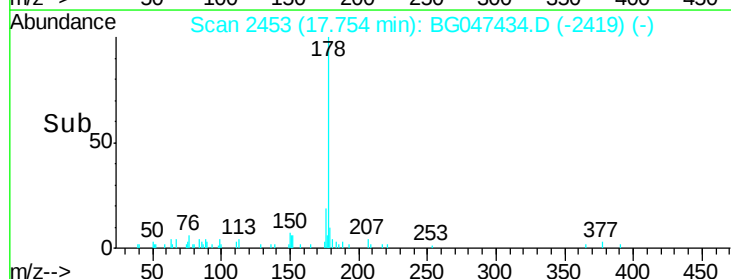
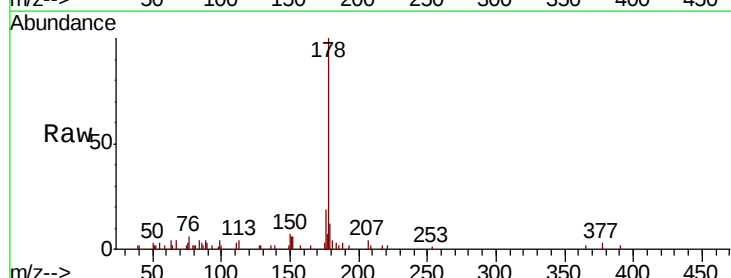
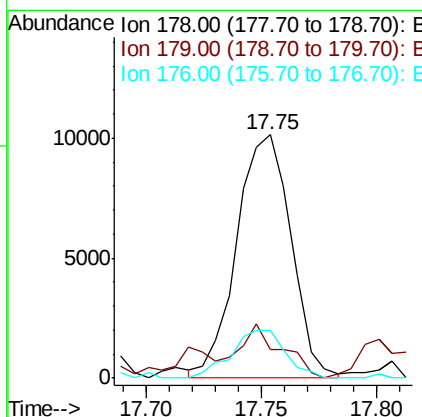
RT: 17.75 min Scan# 2453

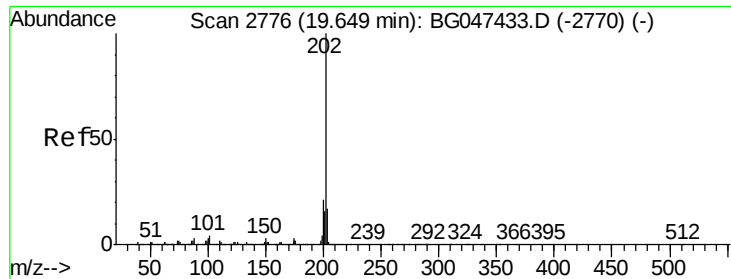
Delta R.T. -0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Tgt Ion:	178	Resp:	16621
Ion Ratio	Lower	Upper	
178	100		
179	11.7	11.7	17.5
176	19.5	15.4	23.0





#77

Fluoranthene

Concen: 12.693 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Instrument :

BNA_G

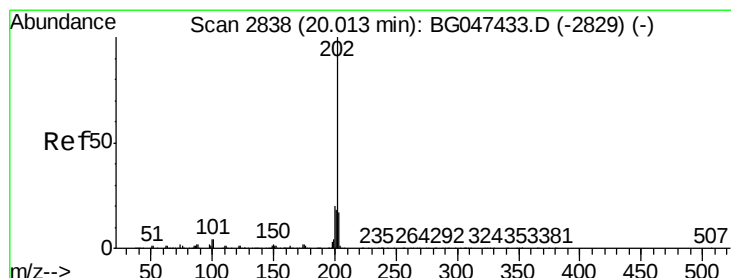
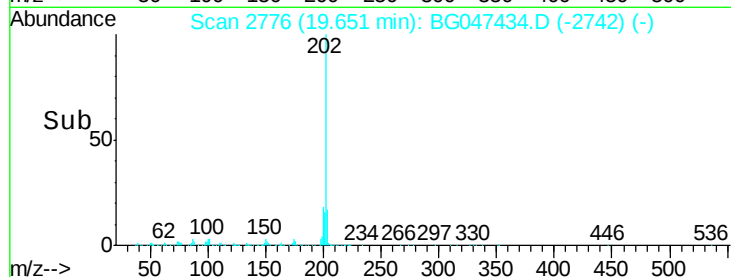
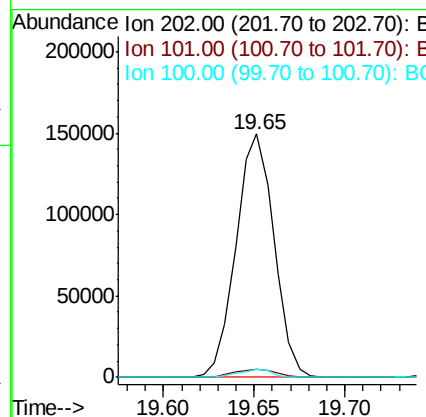
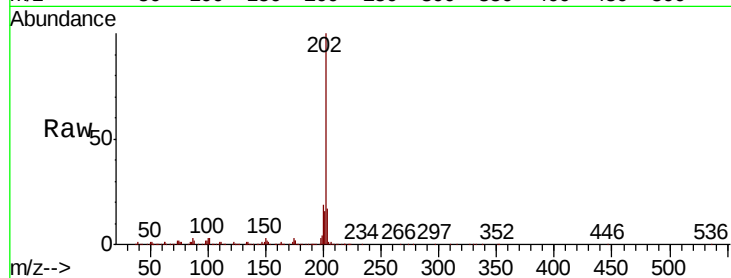
ClientSampleId :

C0B76

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		217061		
101	3.4		3.0	4.6	
100	3.2		3.0	4.6	

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#80

Pyrene

Concen: 11.159 ng/ul

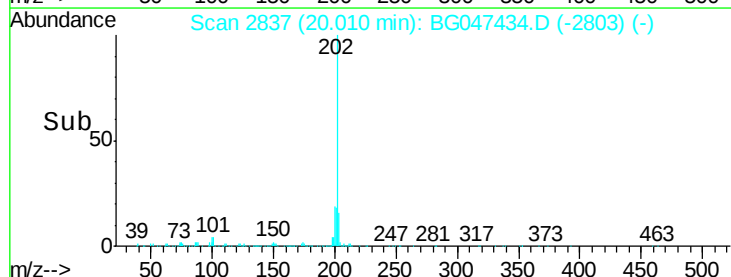
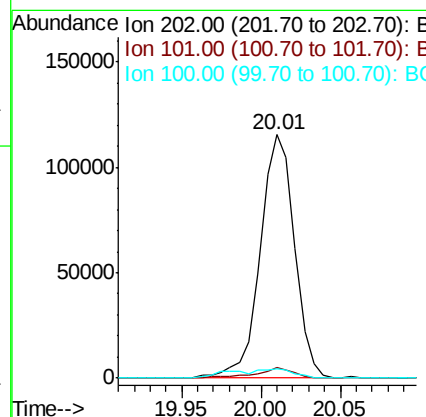
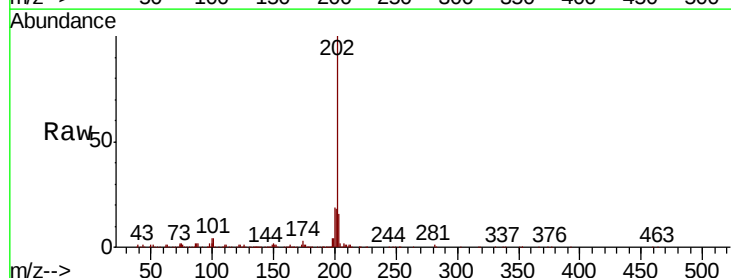
RT: 20.01 min Scan# 2837

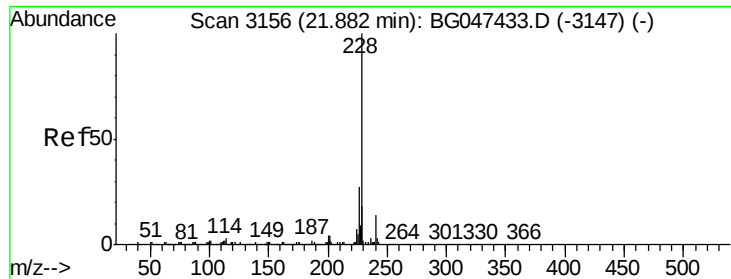
Delta R.T. -0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		174210		
101	4.4		3.5	5.3	
100	3.9		3.4	5.0	





#83

Benzo(a)anthracene

Concen: 5.490 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Instrument :

BNA_G

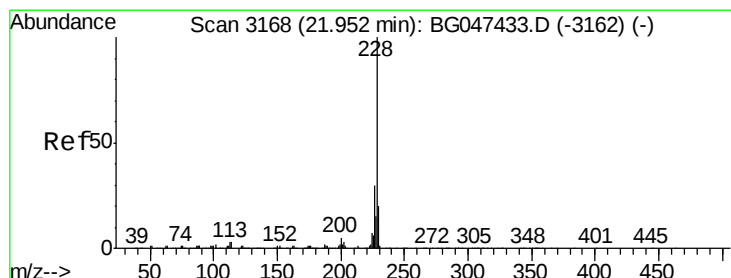
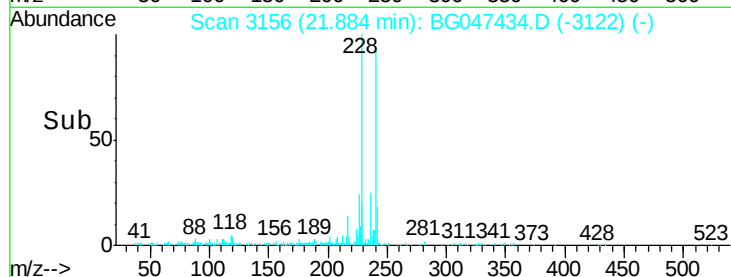
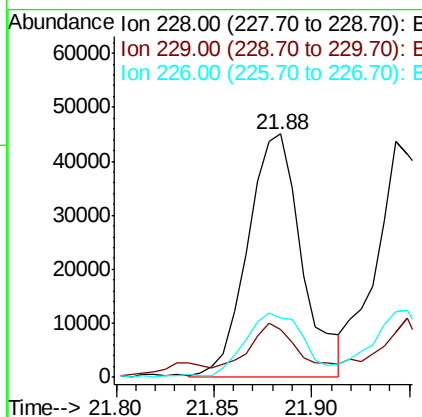
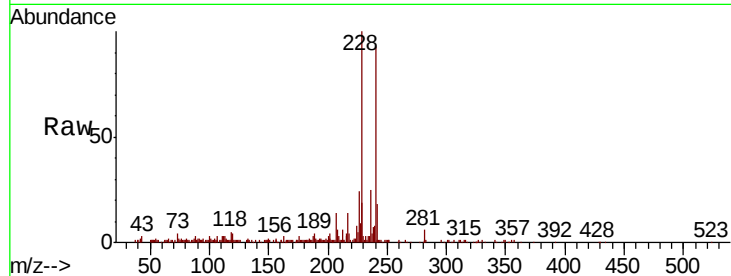
ClientSampleId :

C0B76

Tot Ion:	228	Resp:	86092
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.6	23.4
226	24.5	21.7	32.5

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#85

Chrysene

Concen: 5.542 ng/ul

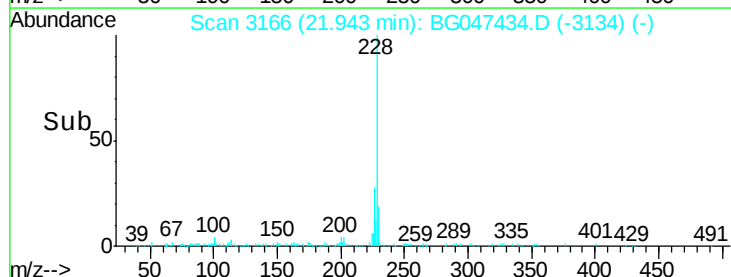
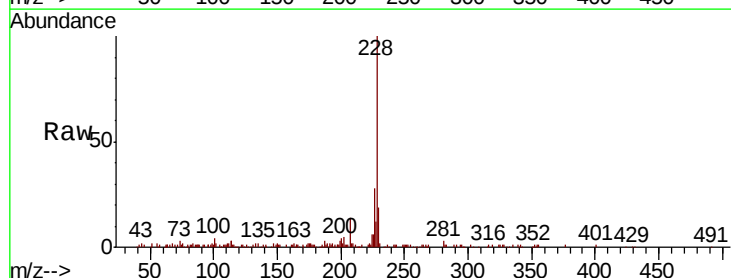
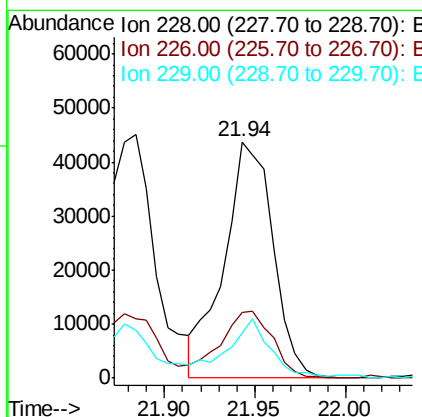
RT: 21.94 min Scan# 3166

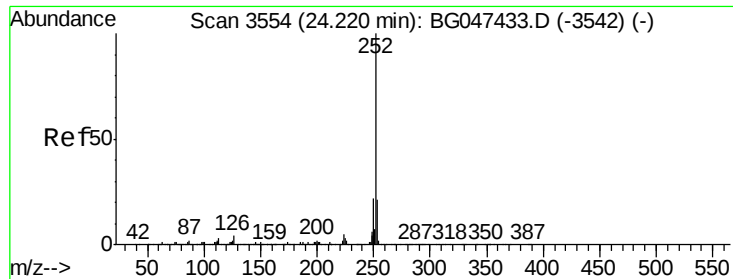
Delta R.T. -0.01 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Tgt Ion:	228	Resp:	82696
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	19.3	16.5	24.7





#88

Benzo(b)fluoranthene

Concen: 6.667 ng/ul

RT: 24.22 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Instrument :

BNA_G

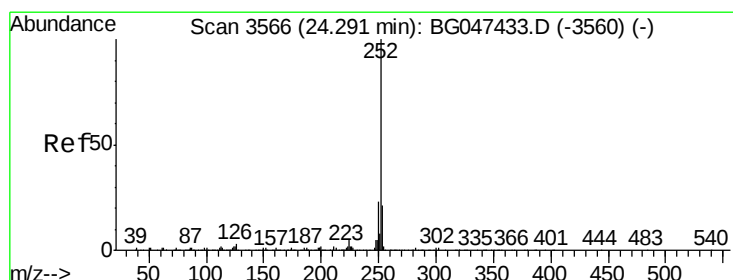
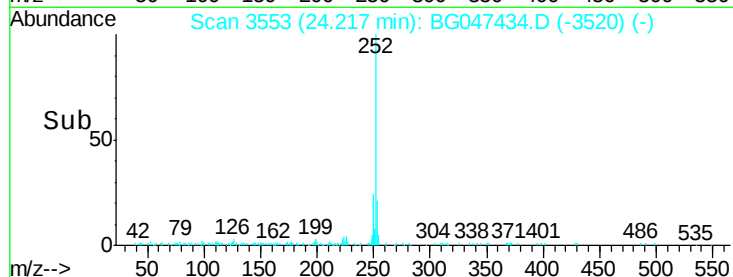
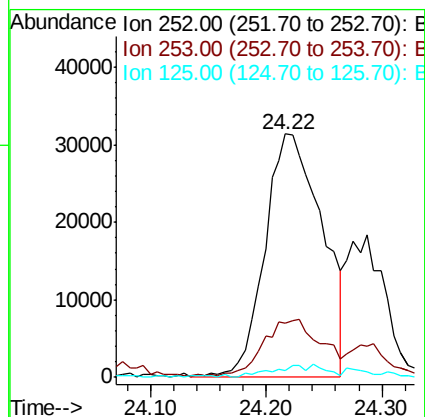
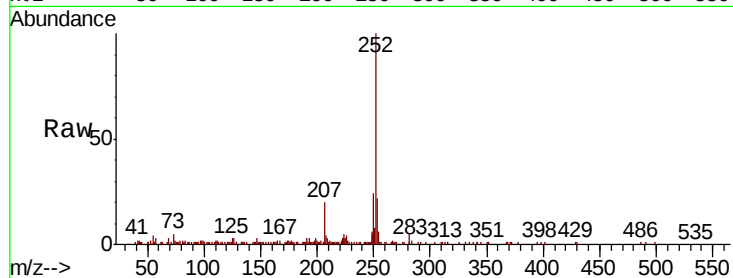
ClientSampleId :

C0B76

Tot Ion:	252	Resp:	108499
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.6	25.0
125	2.8	2.7	4.1

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#89

Benzo(k)fluoranthene

Concen: 2.587 ng/ul m

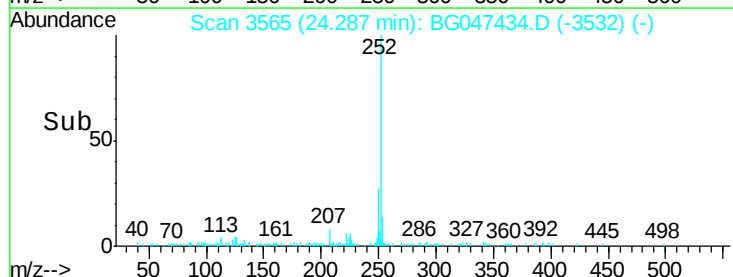
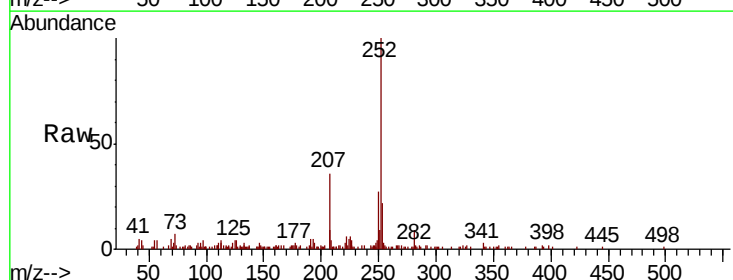
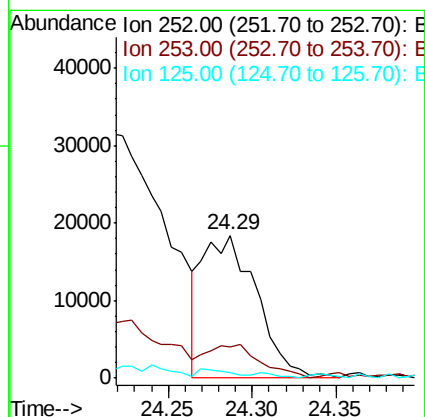
RT: 24.29 min Scan# 3565

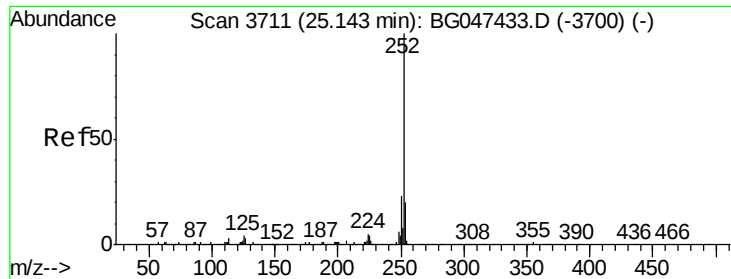
Delta R.T. -0.01 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Tgt Ion:	252	Resp:	41485
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.4
125	3.7	2.2	3.2#





#91

Benzo(a)pyrene

Concen: 4.990 ng/ul

RT: 25.15 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Instrument :

BNA_G

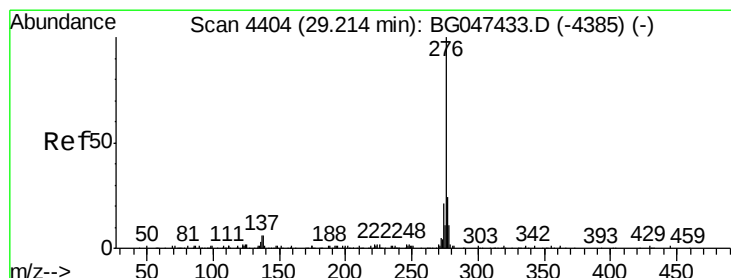
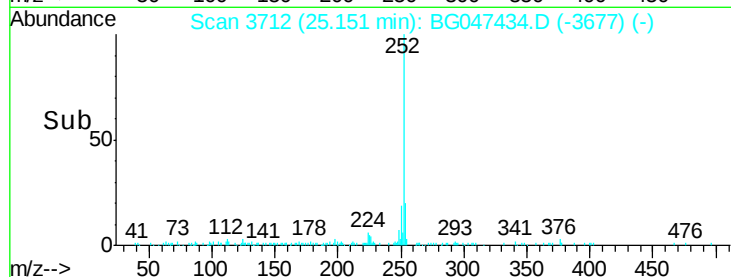
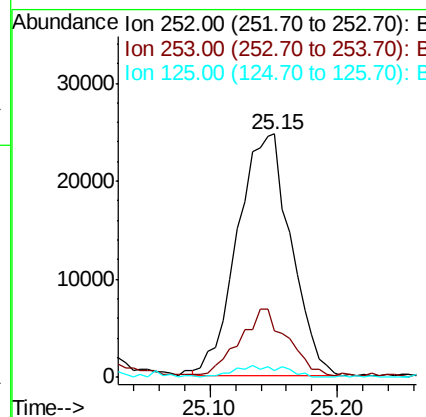
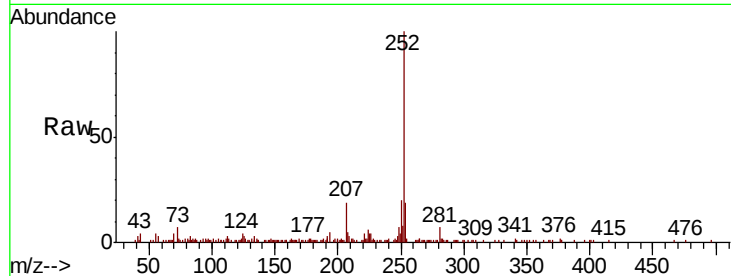
ClientSampleId :

C0B76

Tot Ion:	252	Resp:	72401
Ion Ratio	Lower	Upper	
252	100		
253	19.3	18.6	27.8
125	2.6	3.1	4.7#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.735 ng/ul m

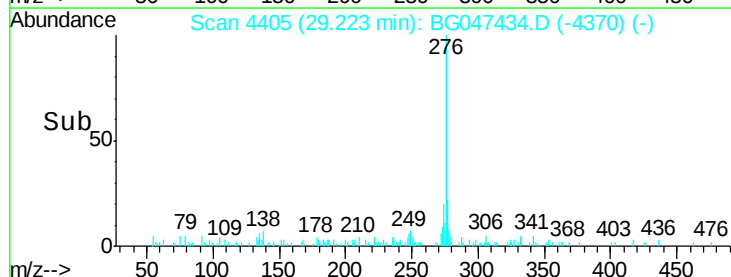
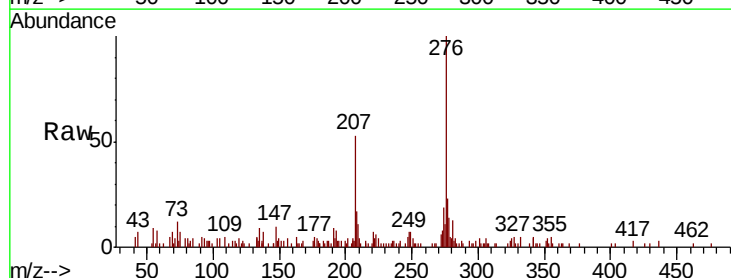
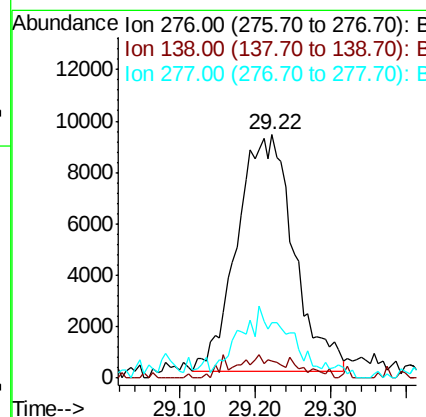
RT: 29.22 min Scan# 4405

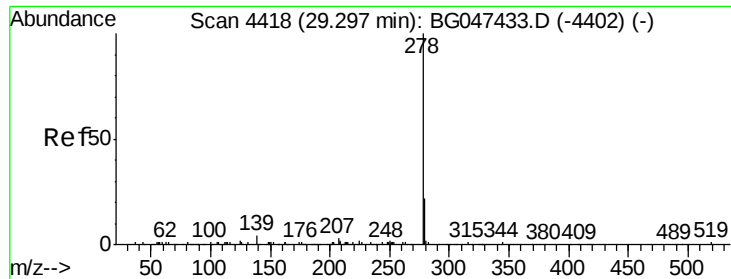
Delta R.T. 0.00 min

Lab File: BG047434.D

Acq: 24 Nov 2020 5:49

Tgt Ion:	276	Resp:	48267
Ion Ratio	Lower	Upper	
276	100		
138	7.1	5.0	7.6
277	22.7	16.5	24.7





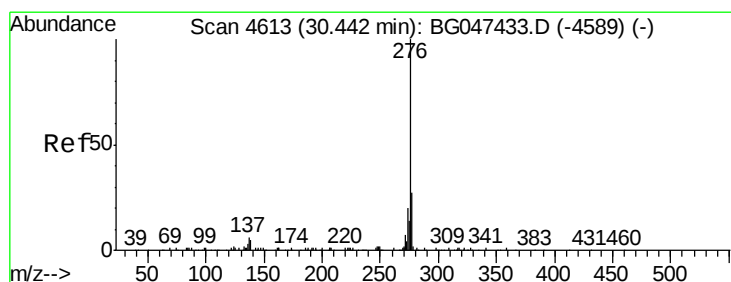
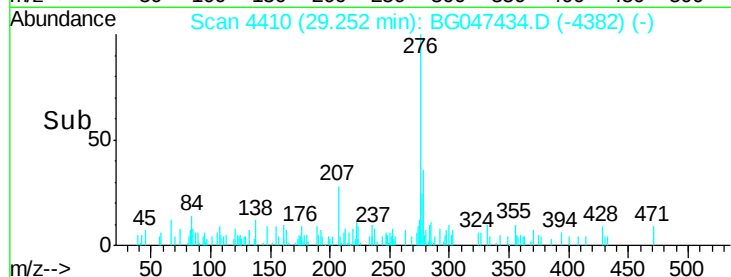
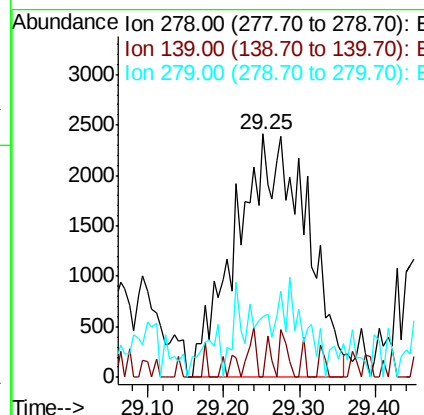
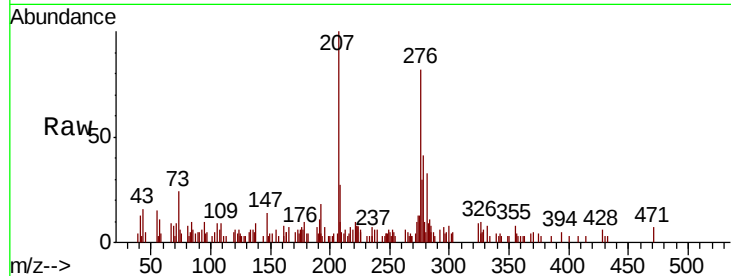
#93
Dibenzo(a,h)anthracene
Concen: 1.074 ng/ul m
RT: 29.25 min Scan# 4410
Delta R.T. -0.04 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Instrument :
BNA_G
ClientSampleId :
C0B76

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	4.6	7.0#
279	24.8	18.2	27.2

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:43 PM



#94
Benzo(g,h,i)perylene
Concen: 2.564 ng/ul m
RT: 30.45 min Scan# 4614
Delta R.T. 0.00 min
Lab File: BG047434.D
Acq: 24 Nov 2020 5:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.8	5.8	8.6#
277	16.4	17.4	26.2#

