

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047386.D
 Acq On : 20 Nov 2020 22:22
 Operator : CG/JU
 Sample : L4711-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B05

Manual Integrations
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mohammad
 11/23/2020 1:29:56 PM

Quant Time: Nov 21 03:48:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:27:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	121732	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	285542	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	247599	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1513m	1.37	ng/uL	0.00
5) Phenol-d5	7.40	99	45806	11.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23117	10.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	31691	11.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	36846	11.90	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15154	11.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19034	13.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41173	12.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	34047	10.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	132960	12.72	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	165532	13.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	19996	12.54	ng/ul	0.00
58) Fluorene-d10	15.87	176	127456	13.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	20048	12.33	ng/ul	0.00
71) Anthracene-d10	17.72	188	204076	14.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	215500	14.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	213464	14.13	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	54760	5.137	ng/ul#	95
70) Phenanthrene	17.66	178	117512	7.621	ng/ul	98
72) Anthracene	17.75	178	25943	1.671	ng/ul	94
77) Fluoranthene	19.65	202	310574	15.948	ng/ul	100
80) Pyrene	20.01	202	247130	14.091	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	139257	7.905	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	12494	1.455	ng/ul#	92
85) Chrysene	21.95	228	134242	8.007	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	184874	9.978	ng/ul	93
89) Benzo(k)fluoranthene	24.29	252	60538m	3.316	ng/ul	
91) Benzo(a)pyrene	25.14	252	119120	7.212	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.19	276	80267m	3.995	ng/ul	
93) Dibenzo(a,h)anthracene	29.27	278	21290m	1.292	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	63841m	3.851	ng/ul	

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

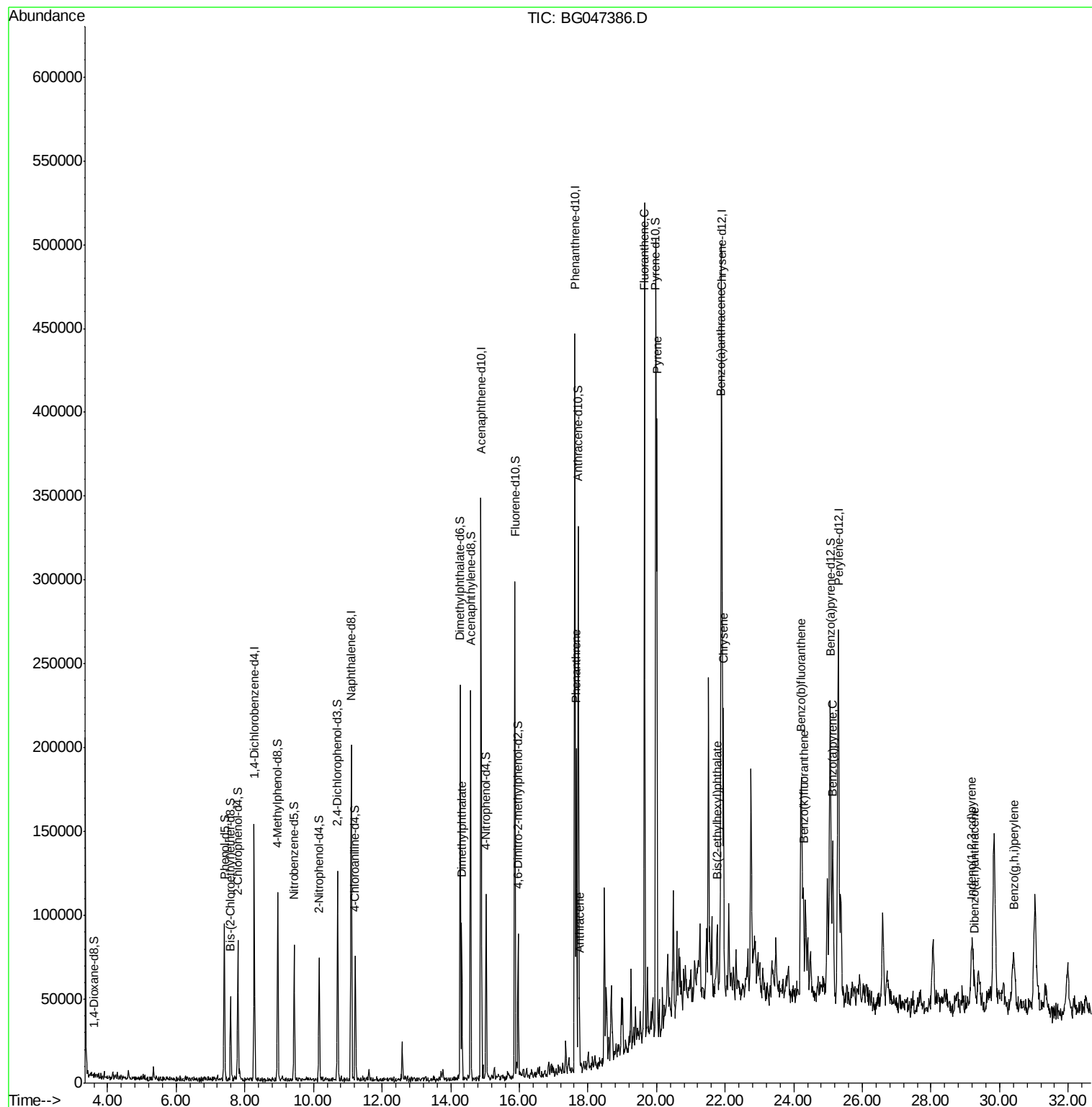
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047386.D
Acq On : 20 Nov 2020 22:22
Operator : CG/JU
Sample : L4711-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

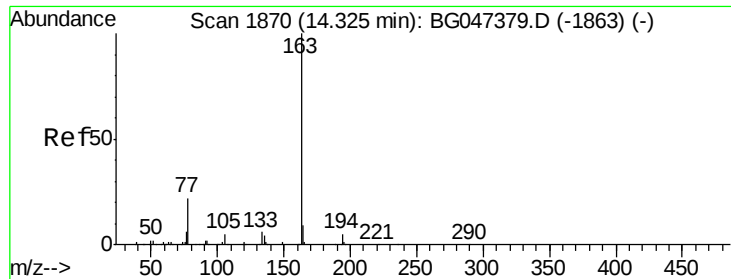
Instrument :
BNA_G
ClientSampleId :
C0B05

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Quant Time: Nov 21 03:48:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





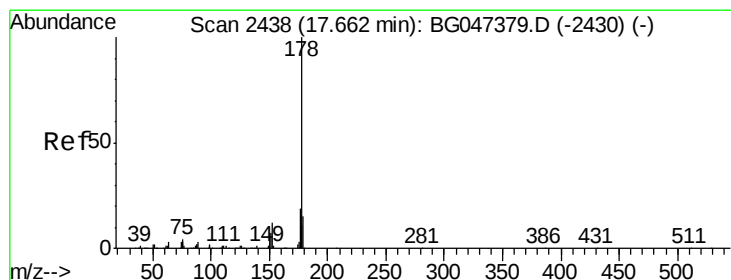
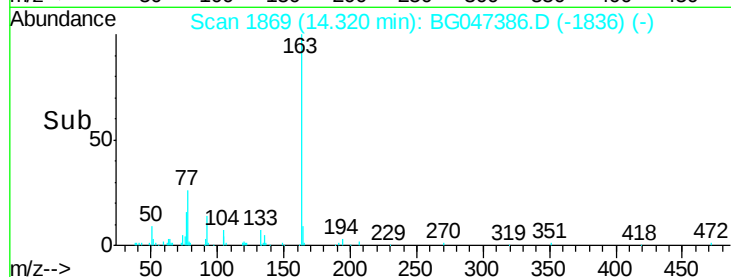
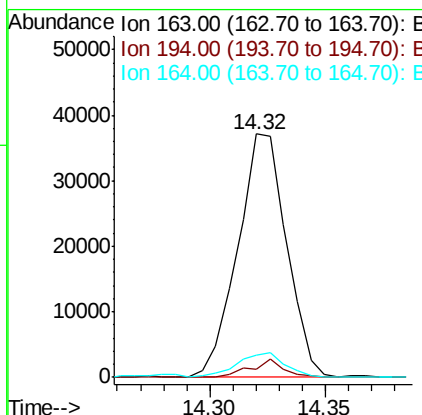
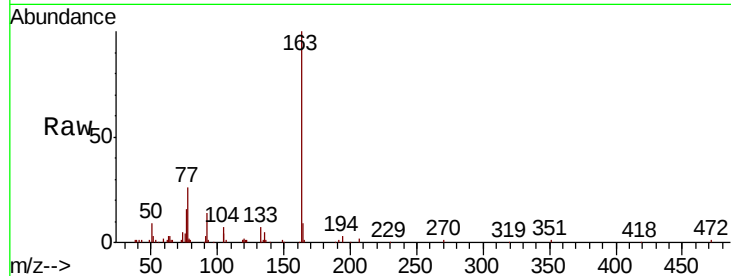
#45
Dimethylphthalate
Concen: 5.137 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Instrument :
BNA_G
ClientSampleId :
C0B05

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	8.9	8.8	13.2

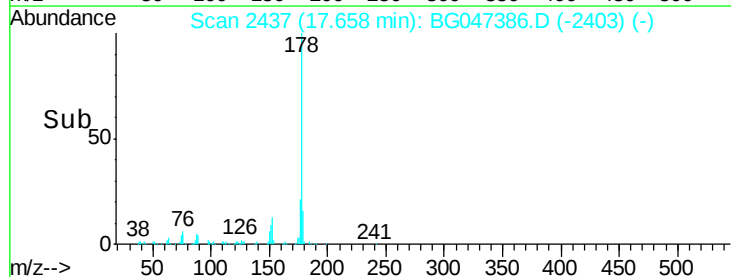
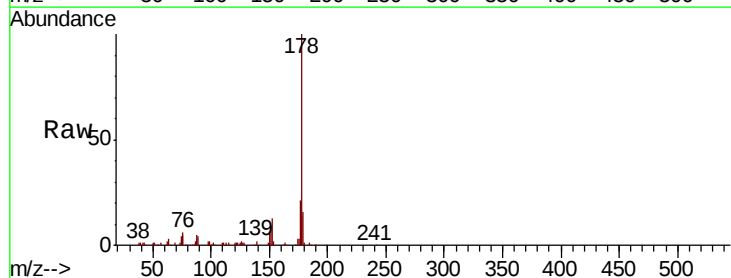
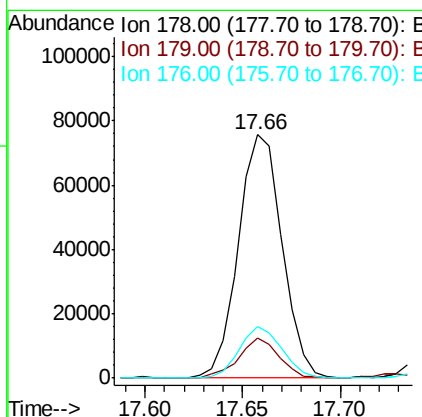
Manual Integrations
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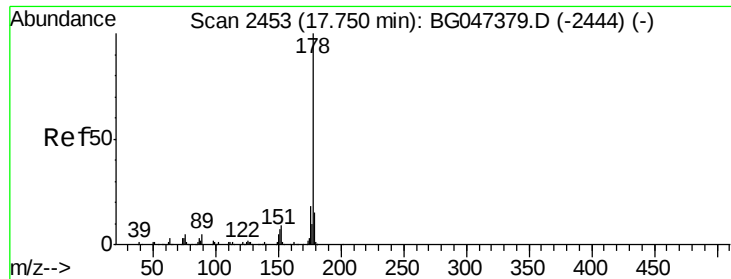
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#70
Phenanthrene
Concen: 7.621 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	21.2	15.7	23.5





#72

Anthracene

Concen: 1.671 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

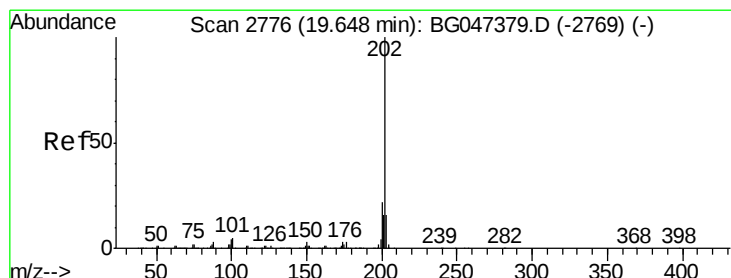
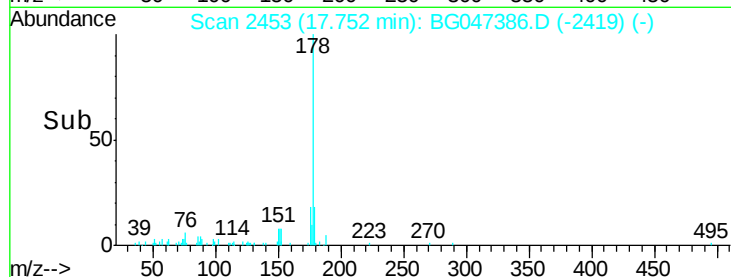
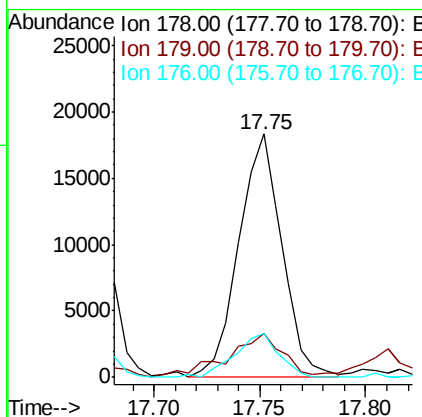
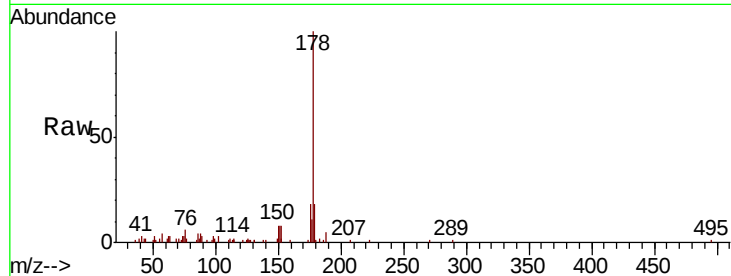
ClientSampleId :

C0B05

Tot Ion:	178	Resp:	25943
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.2	18.2
176	18.1	16.2	24.4

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#77

Fluoranthene

Concen: 15.948 ng/ul

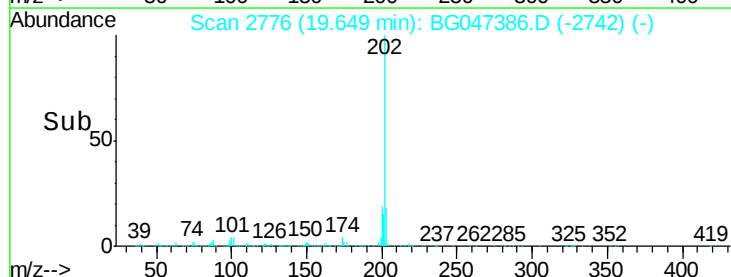
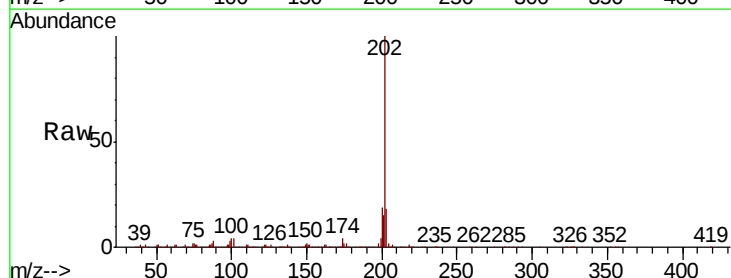
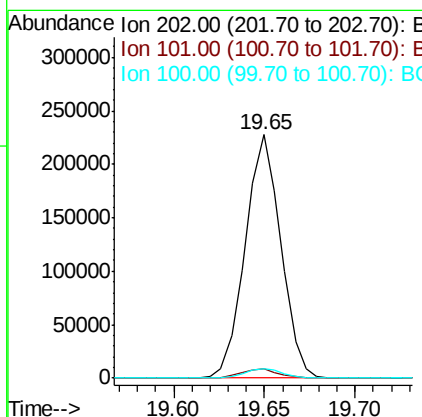
RT: 19.65 min Scan# 2776

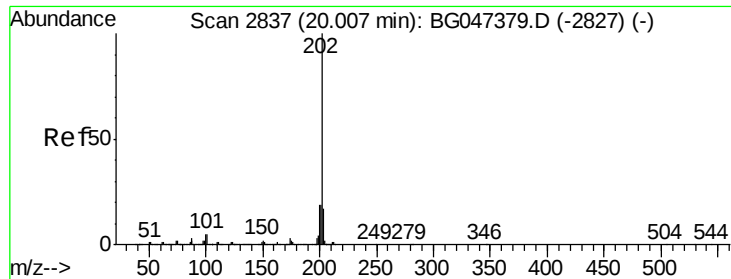
Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Tgt Ion:	202	Resp:	310574
Ion Ratio	Lower	Upper	
202	100		
101	4.0	3.3	4.9
100	3.9	3.4	5.0





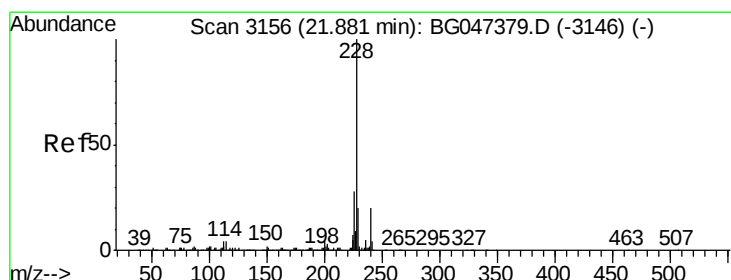
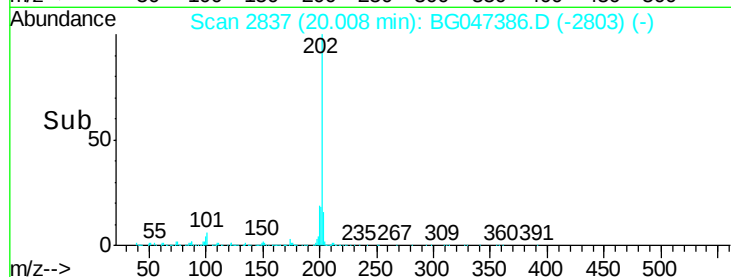
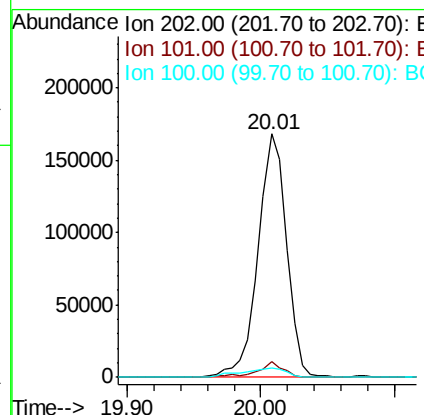
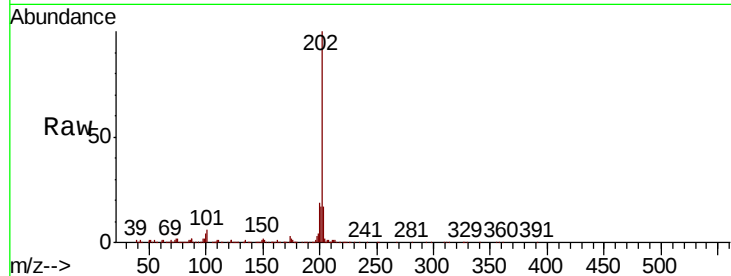
#80
Pvrene
Concen: 14.091 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Instrument :
BNA_G
ClientSampleId :
C0B05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	5.0	7.4
100	3.9	4.6	7.0

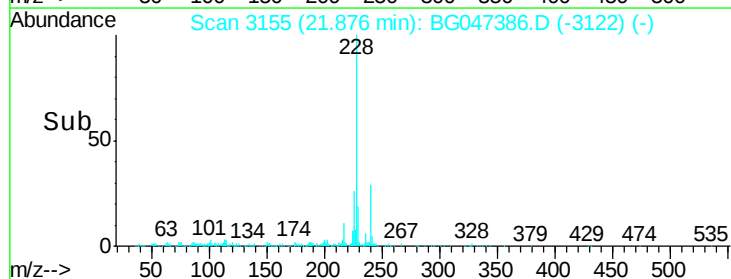
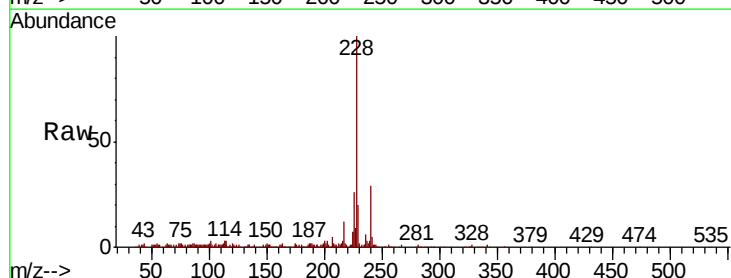
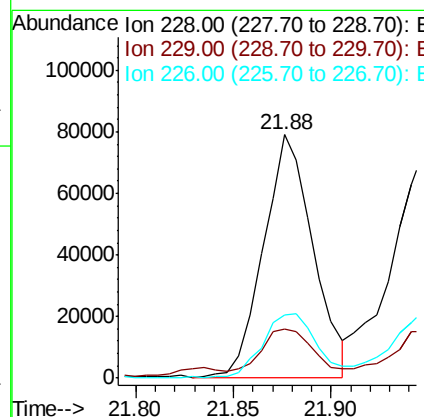
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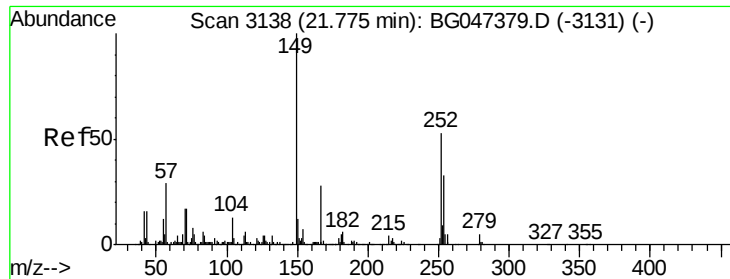
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#83
Benzo(a)anthracene
Concen: 7.905 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	16.2	24.2
226	26.0	23.3	34.9





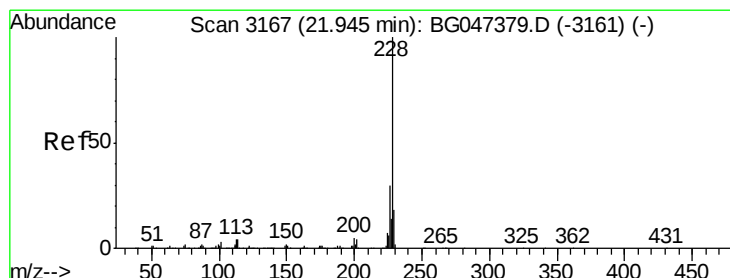
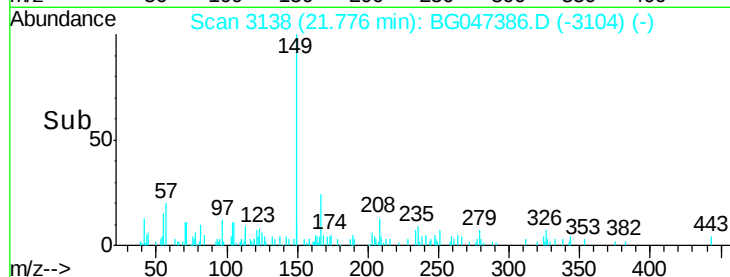
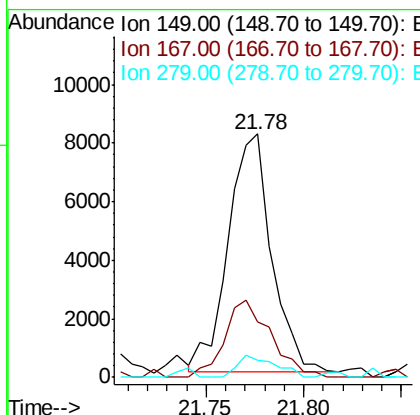
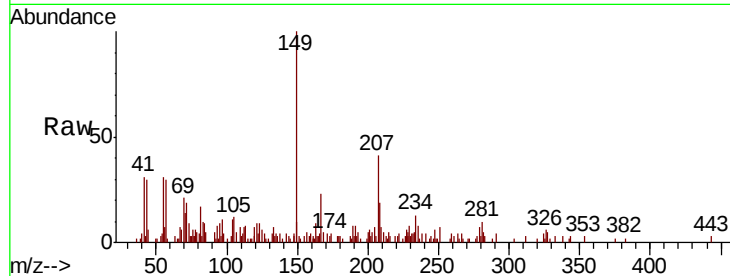
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.455 ng/ul
RT: 21.78 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Instrument :
BNA_G
ClientSampled :
C0B05

Tot Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.8	32.8
279	6.8	4.2	6.2

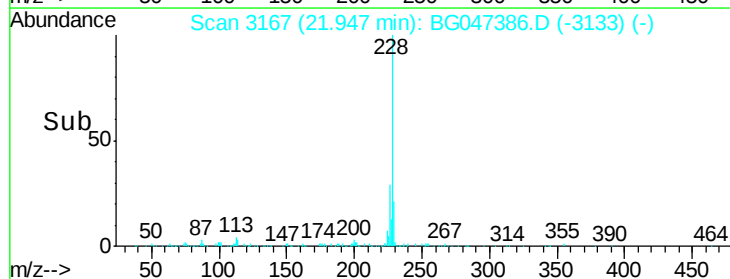
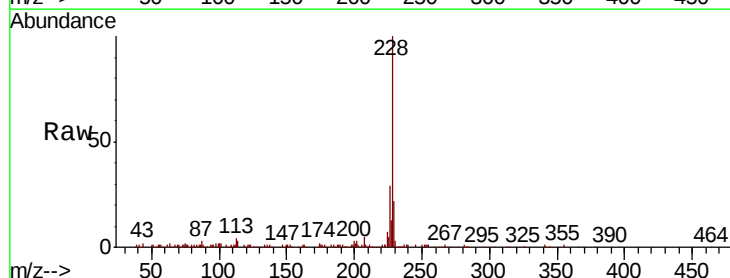
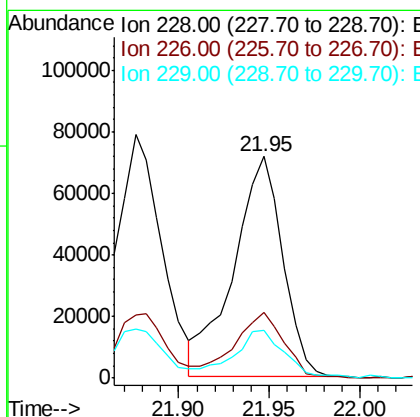
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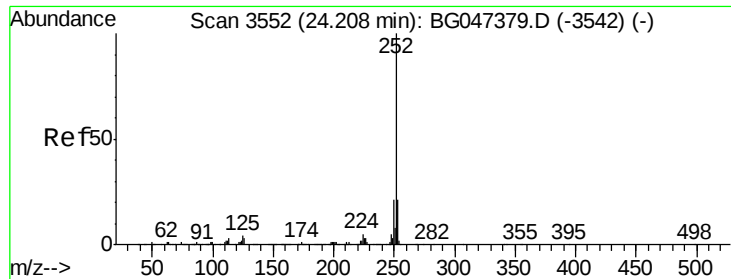
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#85
Chrysene
Concen: 8.007 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	21.8	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 9.978 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

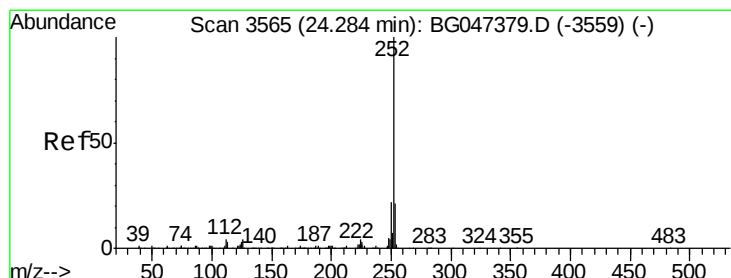
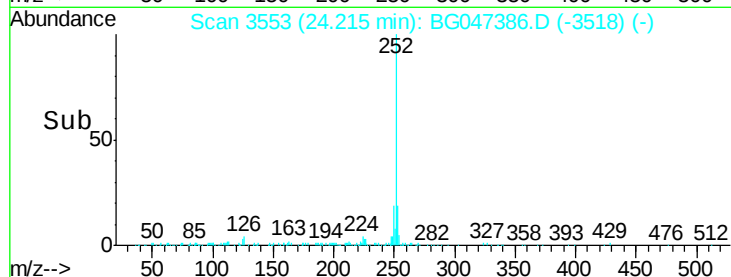
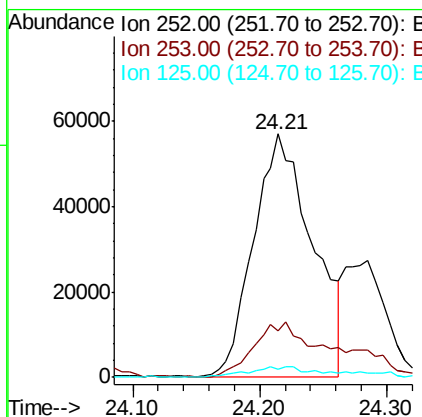
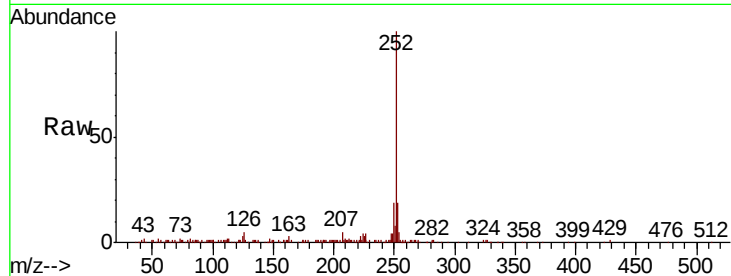
ClientSampleId :

C0B05

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.3	18.4	27.6
125	3.3	2.5	3.7

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#89

Benzo(k)fluoranthene

Concen: 3.316 ng/ul m

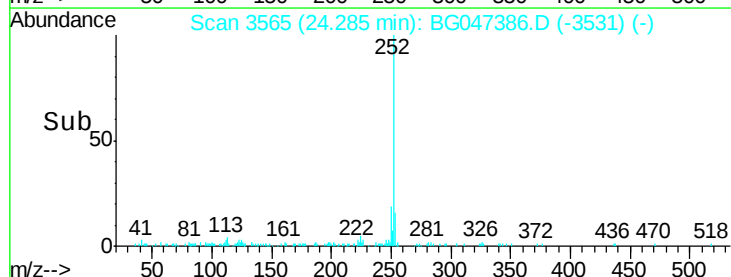
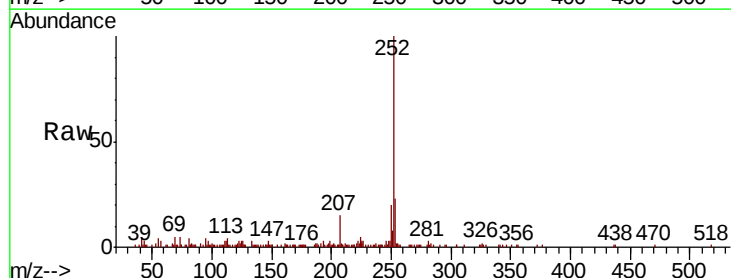
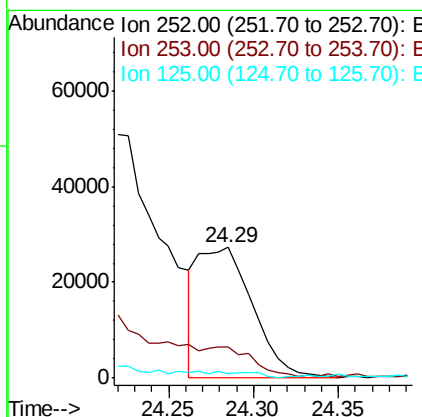
RT: 24.29 min Scan# 3565

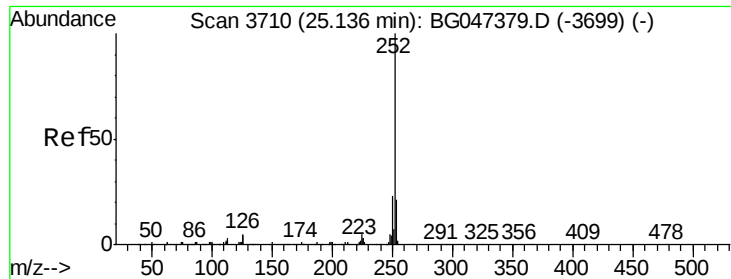
Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.7	25.1
125	3.3	2.6	3.8





#91

Benzo(a)pyrene

Concen: 7.212 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

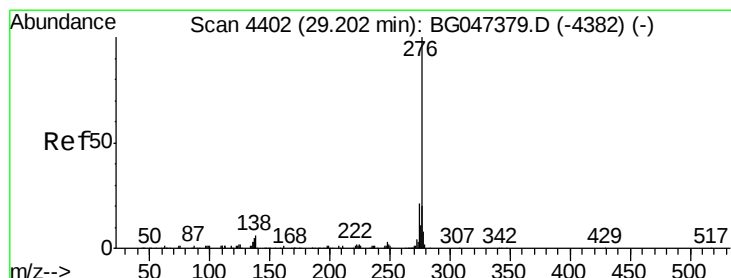
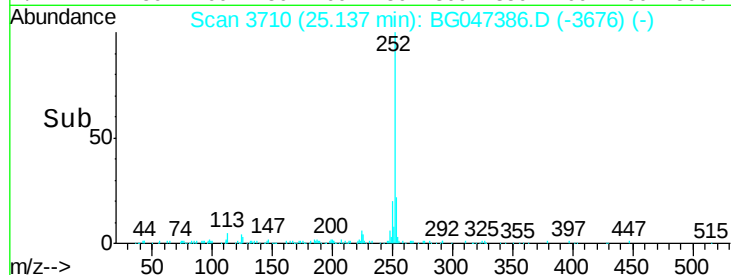
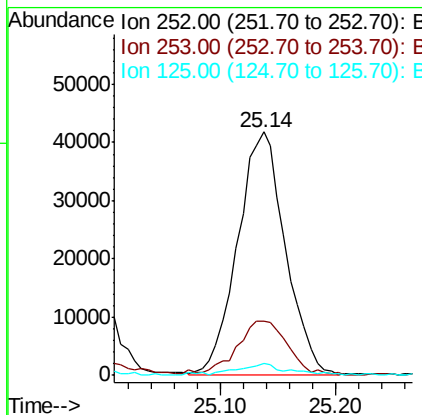
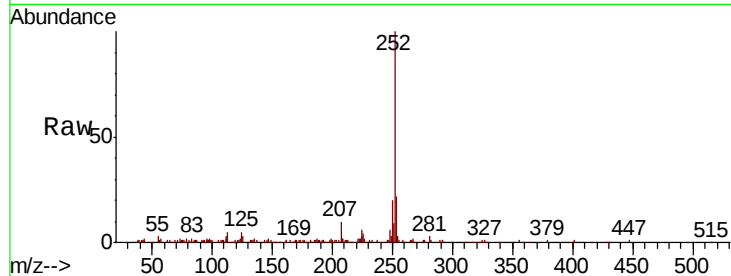
ClientSampleId :

C0B05

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	4.9	3.1	4.7

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.995 ng/ul m

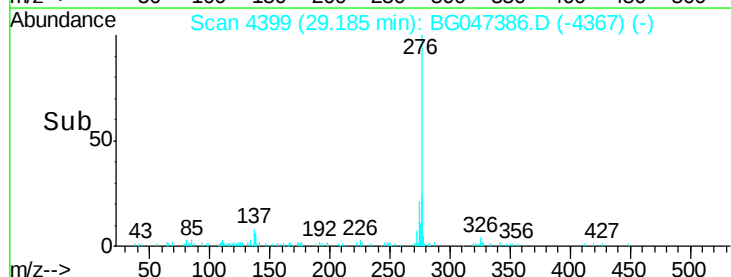
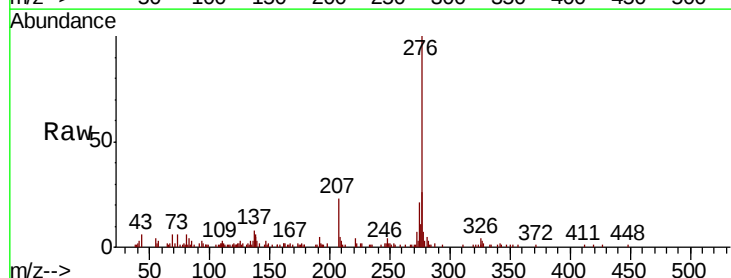
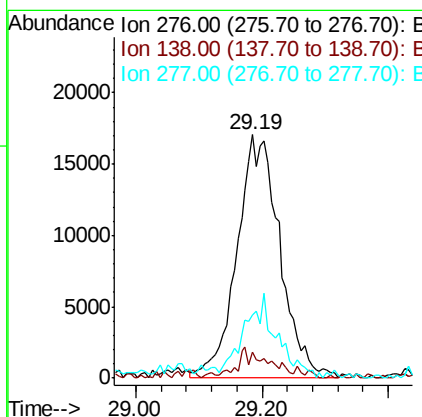
RT: 29.19 min Scan# 4399

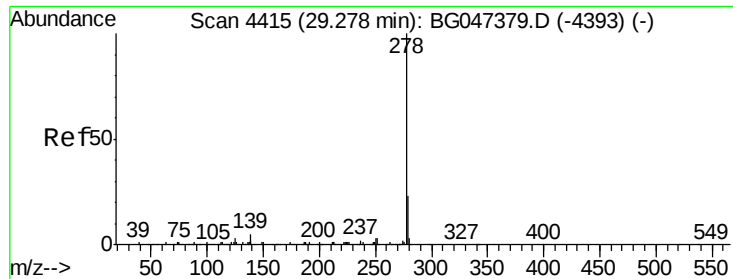
Delta R.T. -0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.5	7.5	11.3
277	26.2	19.9	29.9





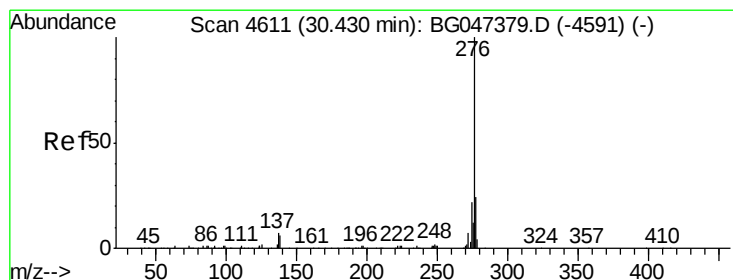
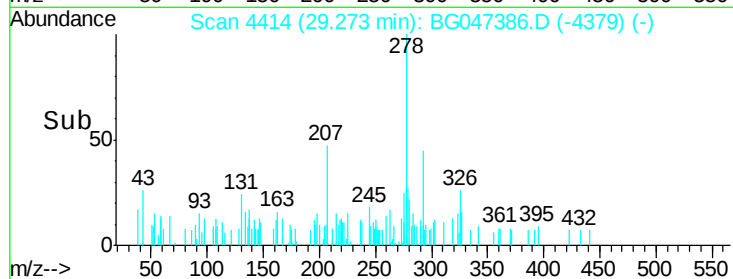
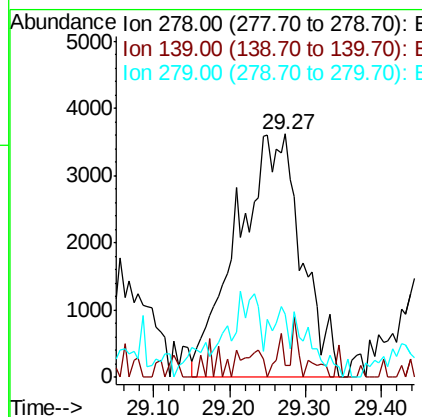
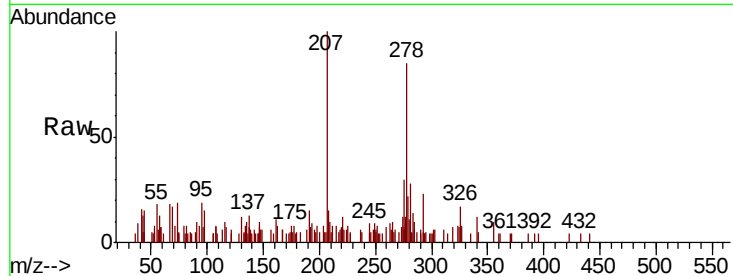
#93
Dibenzo(a,h)anthracene
Concen: 1.292 ng/ul m
RT: 29.27 min Scan# 4414
Delta R.T. 0.01 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Instrument :
BNA_G
ClientSampled :
C0B05

Tot Ion	Ratio	Lower	Upper
278	100		
139	5.1	5.8	8.6#
279	25.8	20.0	30.0

Manual Integrations
APPROVED

mohammad
11/23/2020 1:29:56 PM



#94
Benzo(g,h,i)perylene
Concen: 3.851 ng/ul m
RT: 30.41 min Scan# 4607
Delta R.T. -0.01 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.1	8.2	12.2#
277	26.4	17.5	26.3#

