

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047383.D
 Acq On : 20 Nov 2020 20:20
 Operator : CG/JU
 Sample : L4711-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B53

Manual Integrations
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mohammad
 11/23/2020 1:30:04 PM

Quant Time: Nov 21 05:27:05 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	8.28	152	40302	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	284579m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	242344	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262822	20.00	ng/ul	0.00

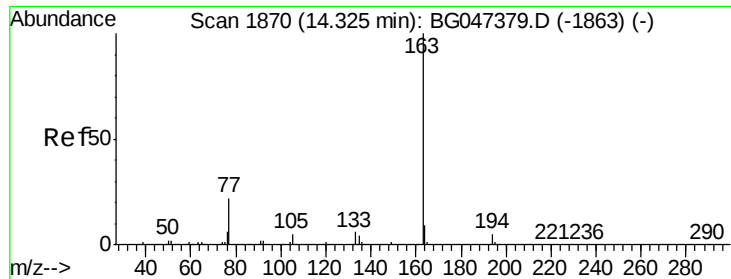
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1839	1.66	ng/uL	0.00
5) Phenol-d5	7.40	99	47171	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	26806	11.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33439	12.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	35520	11.44	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16799	12.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19119	13.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41105	12.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	38177	11.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	128130	12.12	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	157885	12.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	17020	10.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	122305	12.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	17724	10.94	ng/ul	0.00
71) Anthracene-d10	17.72	188	188245	13.33	ng/ul	0.00
79) Pyrene-d10	19.98	212	199822	14.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	203776	13.47	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.32	163	59381	5.505	ng/ul 97
70) Phenanthrene	17.66	178	274797m	17.881	ng/ul
72) Anthracene	17.75	178	41084	2.655	ng/ul 96
75) Carbazole	18.01	167	20090m	1.609	ng/ul
77) Fluoranthene	19.65	202	699197	36.026	ng/ul 100
80) Pyrene	20.01	202	545300	31.765	ng/ul# 96
81) Butylbenzylphthalate	20.88	149	55108	9.140	ng/ul 98
83) Benzo(a)anthracene	21.88	228	323829	18.780	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.77	149	115564	13.751	ng/ul 96
85) Chrysene	21.95	228	338841	20.650	ng/ul 98
88) Benzo(b)fluoranthene	24.22	252	448695	24.180	ng/ul# 99
89) Benzo(k)fluoranthene	24.28	252	153630m	8.401	ng/ul
91) Benzo(a)pyrene	25.14	252	290440	17.557	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	29.20	276	204573	10.167	ng/ul 99
93) Dibenzo(a,h)anthracene	29.26	278	56473m	3.423	ng/ul
94) Benzo(g,h,i)perylene	30.42	276	167569m	10.092	ng/ul

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



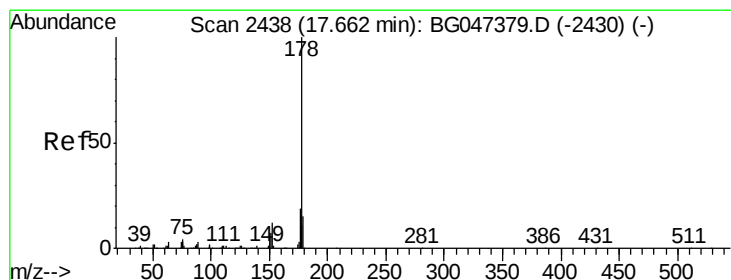
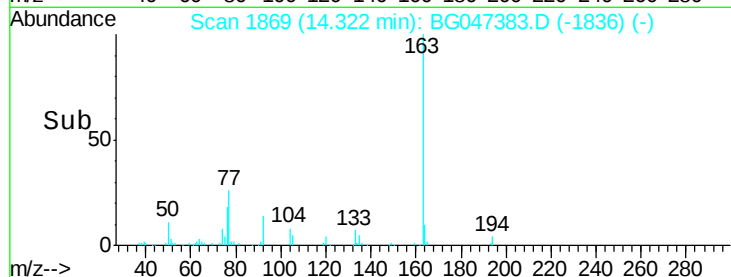
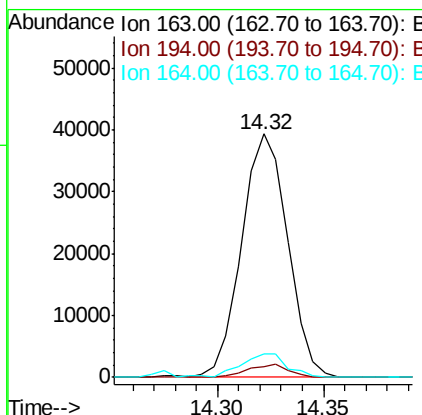
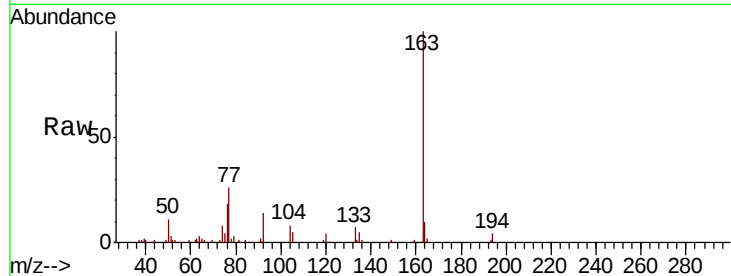
#45
Dimethylphthalate
Concen: 5.505 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Instrument :
BNA_G
ClientSampled :
C0B53

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.6	8.8	13.2

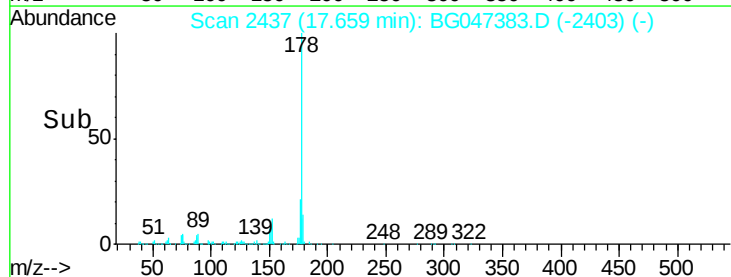
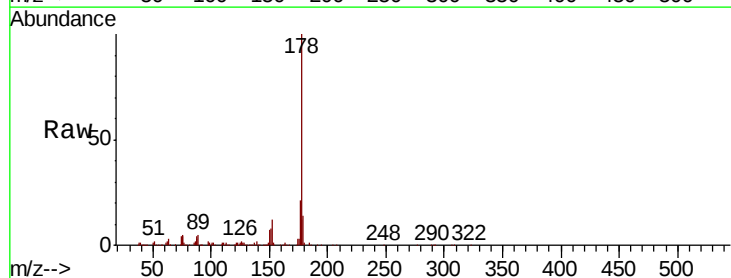
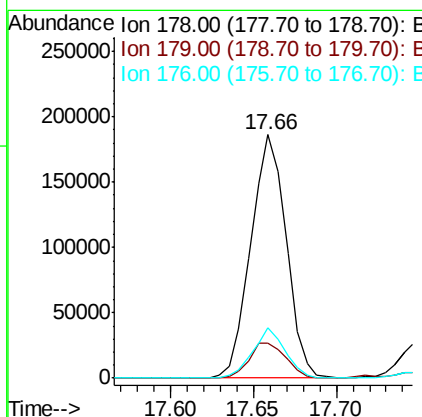
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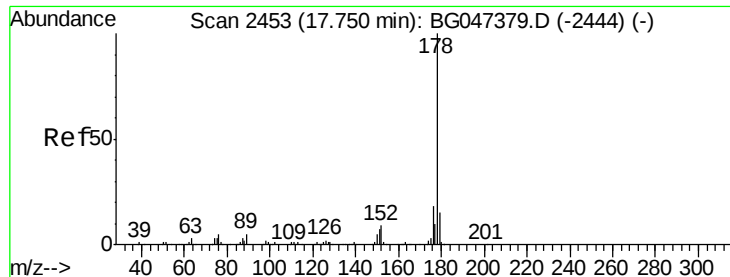
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#70
Phenanthrene
Concen: 17.881 ng/ul m
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.8	19.2
176	20.6	15.7	23.5





#72

Anthracene

Concen: 2.655 ng/ul

RT: 17.75 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

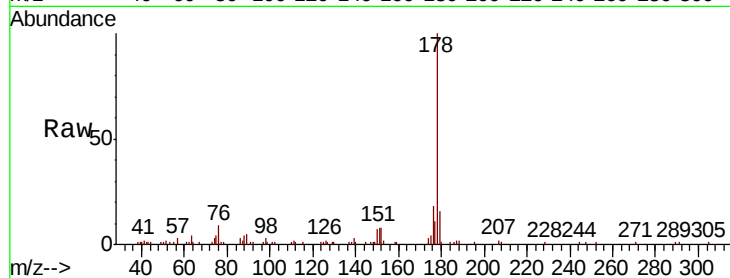
ClientSampled :

C0B53

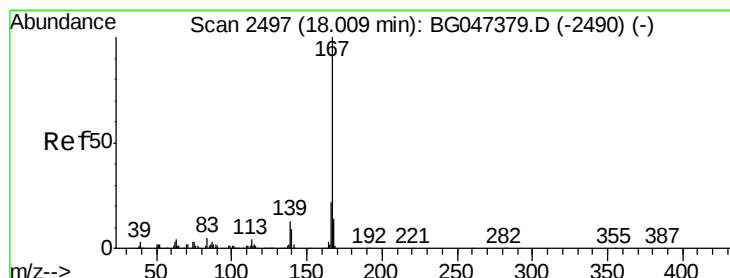
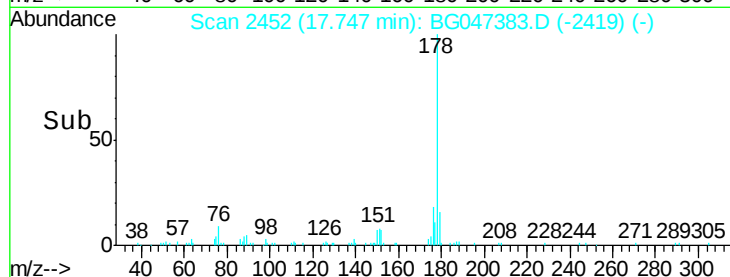
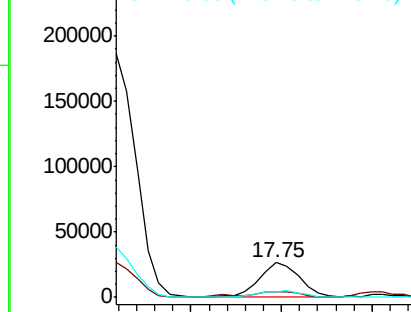
Tot Ion:178	Resp:	41084
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.2 18.2
176	17.8	16.2 24.4

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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



#75

Carbazole

Concen: 1.609 ng/ul m

RT: 18.01 min Scan# 2496

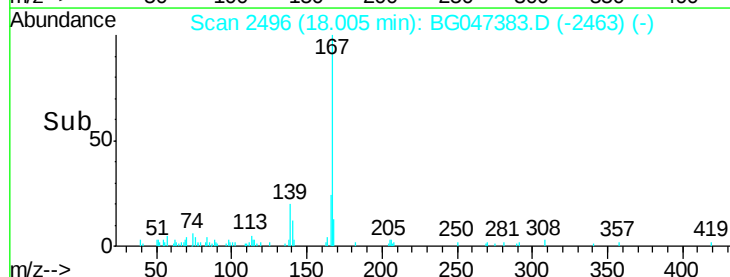
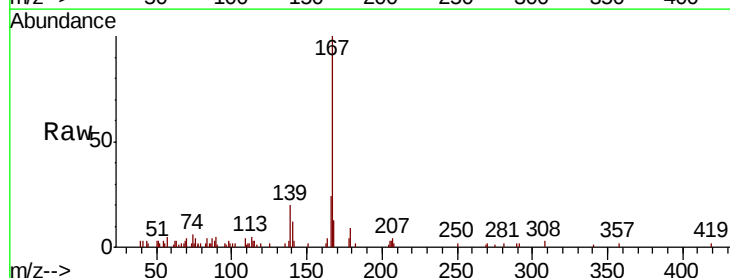
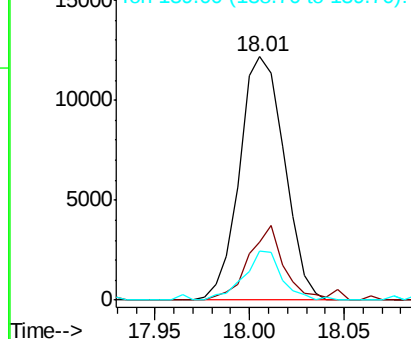
Delta R.T. -0.00 min

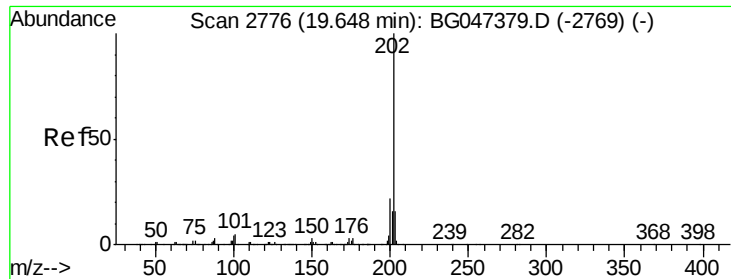
Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Tgt Ion:167	Resp:	20090
Ion Ratio	Lower	Upper
167	100	
166	23.8	17.8 26.6
139	20.3	9.9 14.9#

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 36.026 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

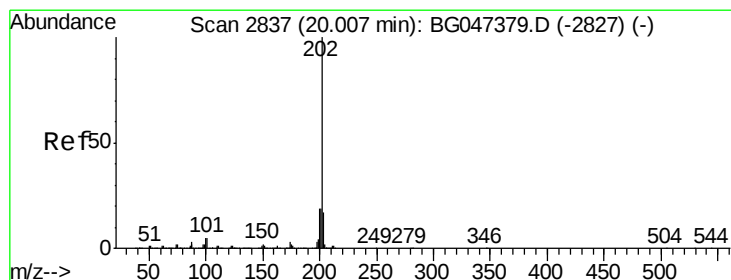
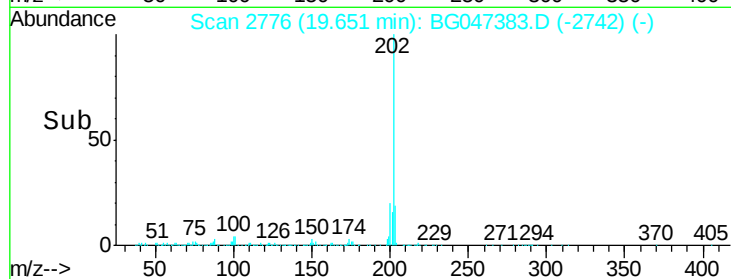
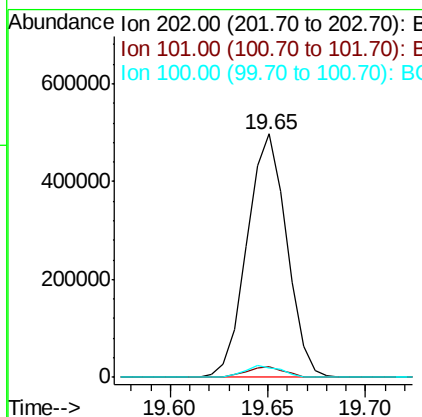
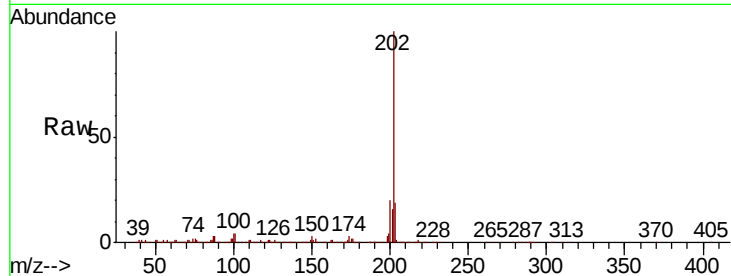
ClientSampleId :

C0B53

Tot Ion:	202	Resp:	699197
Ion Ratio	Lower	Upper	
202	100		
101	4.1	3.3	4.9
100	4.1	3.4	5.0

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#80

Pyrene

Concen: 31.765 ng/ul

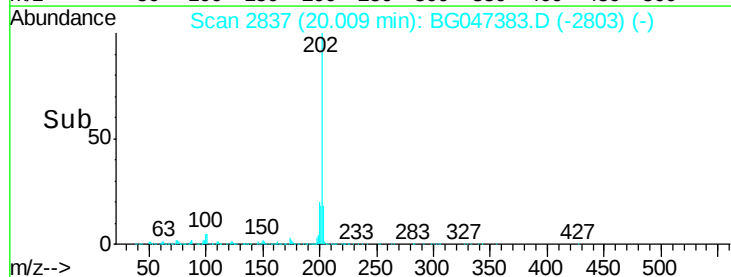
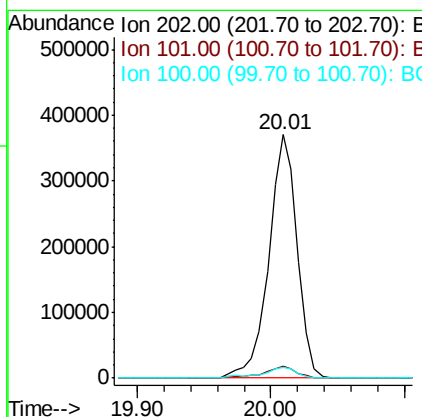
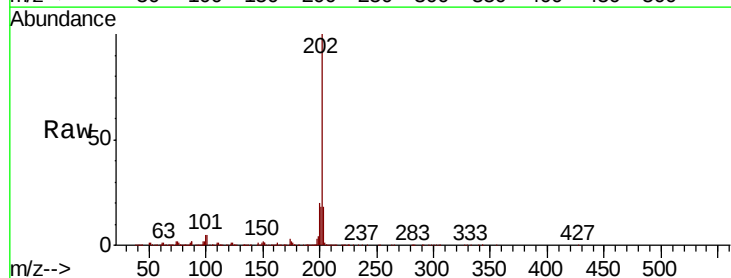
RT: 20.01 min Scan# 2837

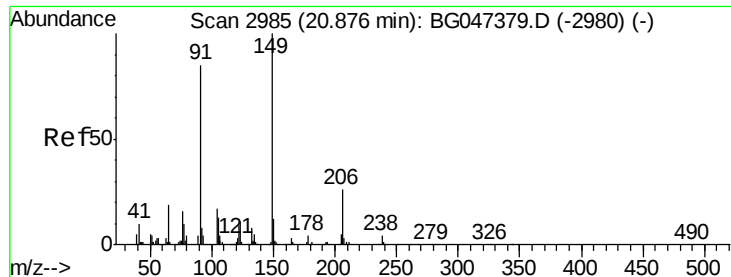
Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Tgt Ion:	202	Resp:	545300
Ion Ratio	Lower	Upper	
202	100		
101	4.8	5.0	7.4#
100	4.6	4.6	7.0#





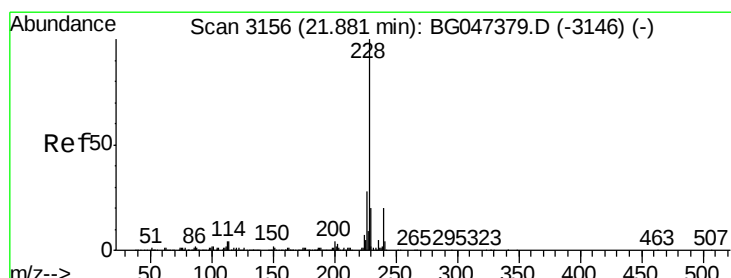
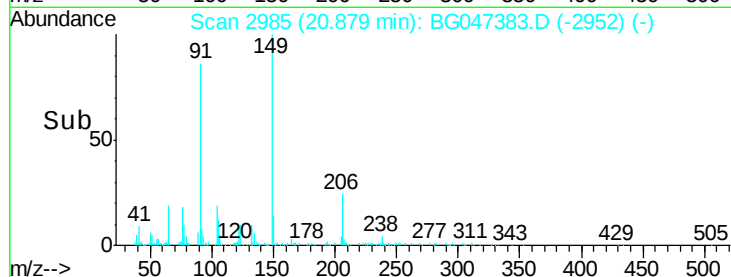
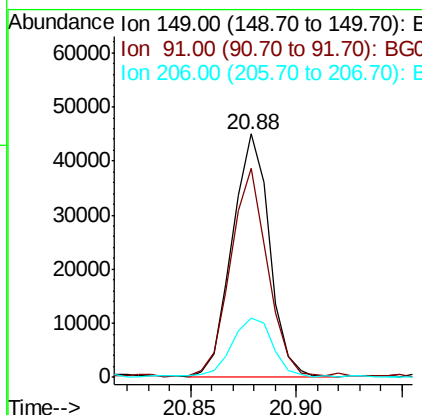
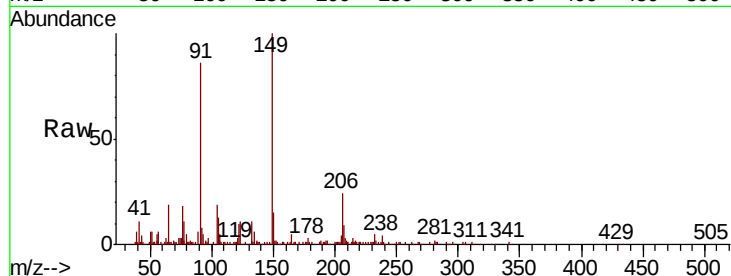
#81
Butylbenzylphthalate
Concen: 9.140 ng/ul
RT: 20.88 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Instrument :
BNA_G
ClientSampleId :
C0B53

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	67.0	100.4
206	24.3	19.3	28.9

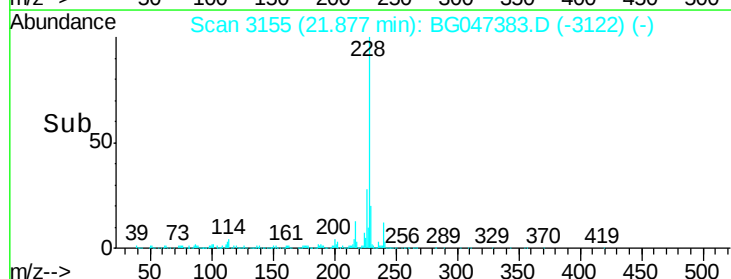
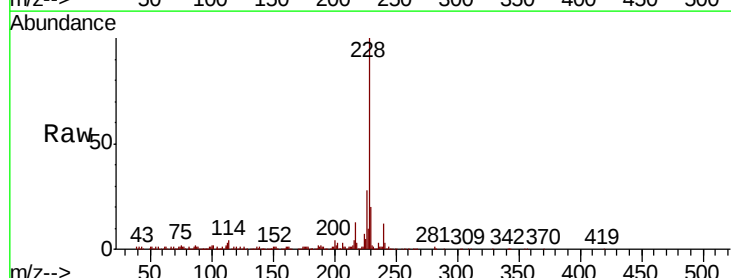
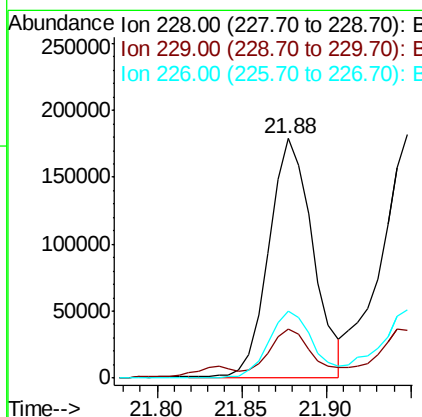
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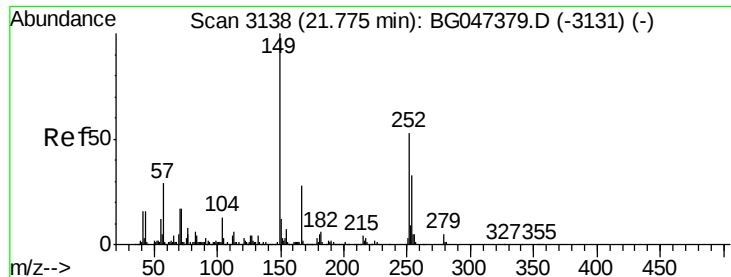
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#83
Benzo(a)anthracene
Concen: 18.780 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	28.1	23.3	34.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.751 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

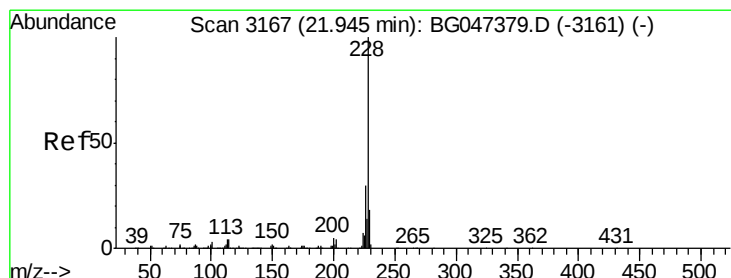
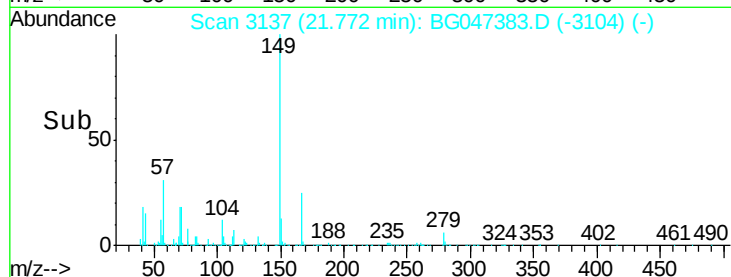
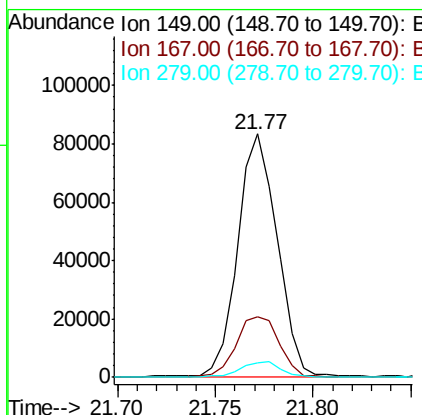
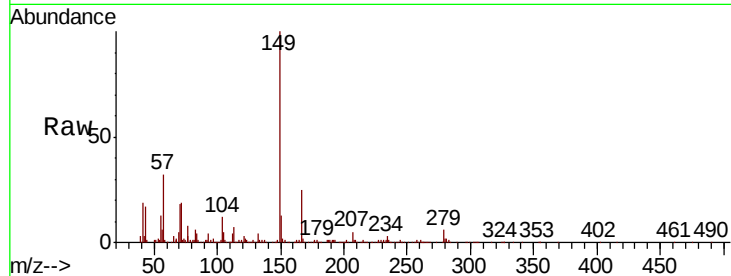
ClientSampled :

C0B53

Tot Ion:	149	Resp:	115564
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.8	32.8
279	6.0	4.2	6.2

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#85

Chrysene

Concen: 20.650 ng/ul

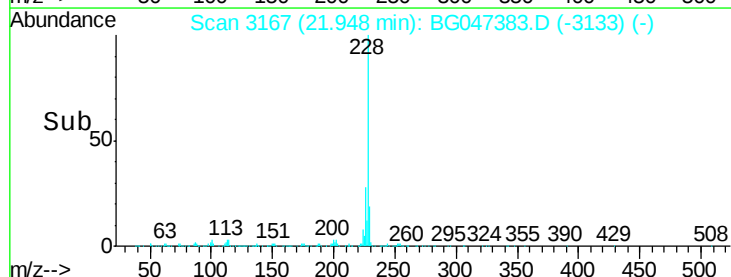
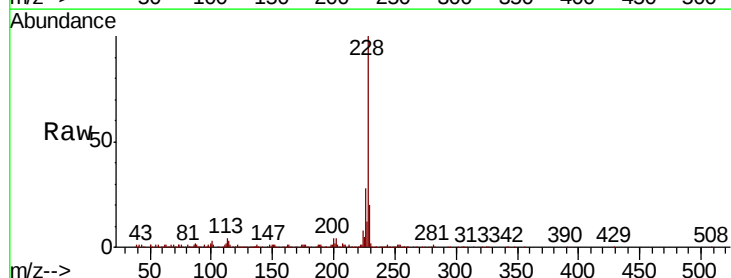
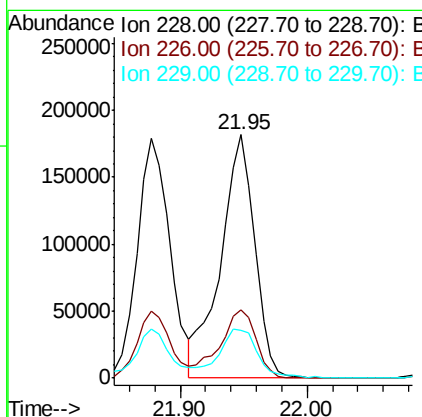
RT: 21.95 min Scan# 3167

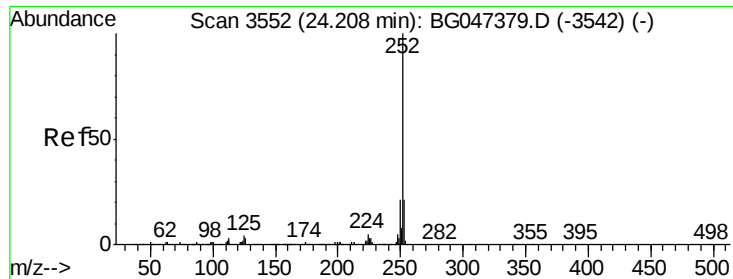
Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Tgt Ion:	228	Resp:	338841
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.8	35.6
229	19.7	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 24.180 ng/ul

RT: 24.22 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047383.D

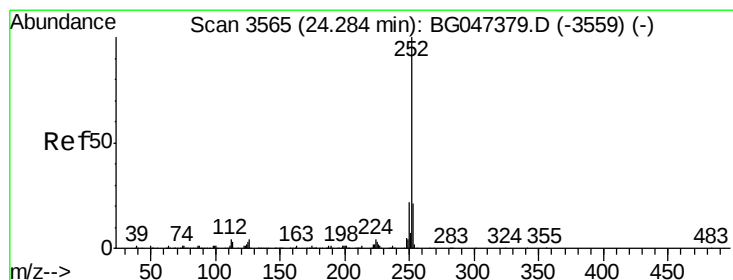
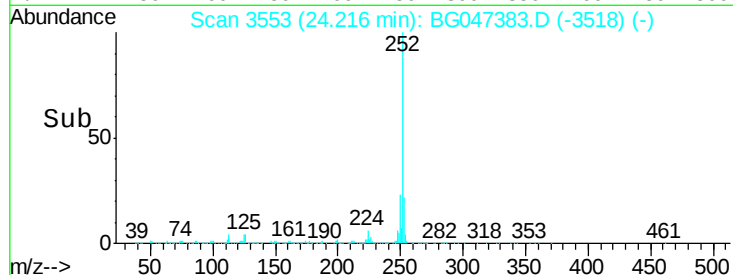
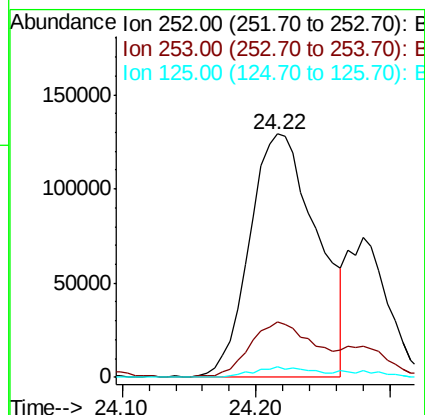
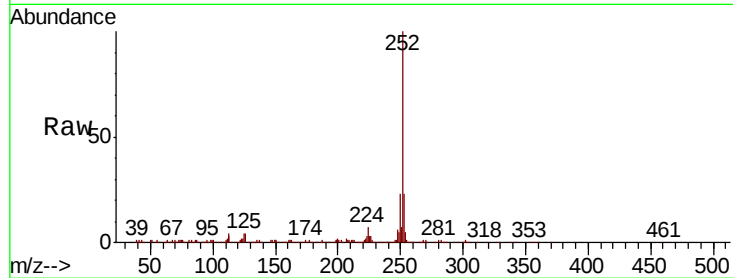
Acq: 20 Nov 2020 20:20

Instrument :
BNA_G
ClientSampleId :
C0B53

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	4.1	2.5	3.7

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#89

Benzo(k)fluoranthene

Concen: 8.401 ng/ul m

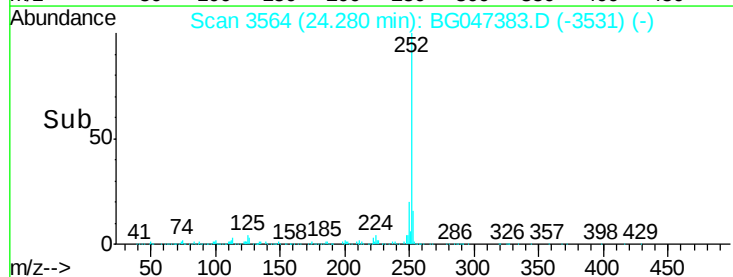
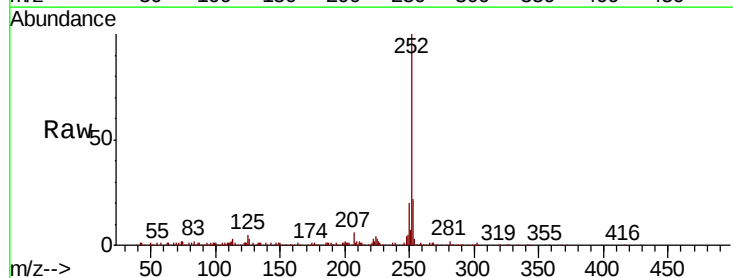
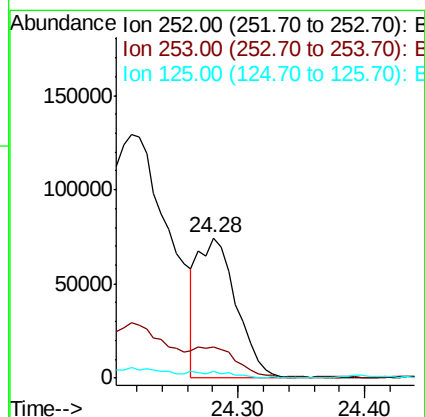
RT: 24.28 min Scan# 3564

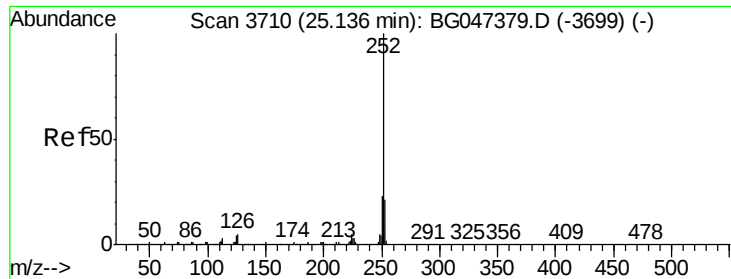
Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.7	25.1
125	4.9	2.6	3.8





#91

Benzo(a)pyrene

Concen: 17.557 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

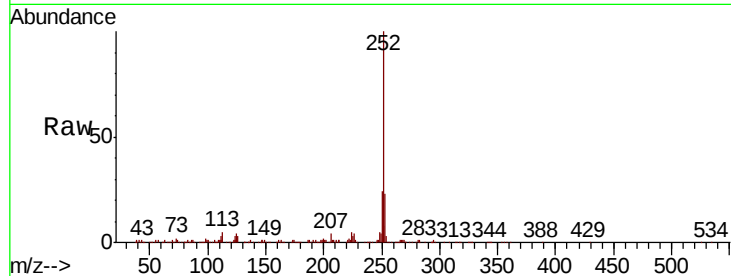
ClientSampleId :

C0B53

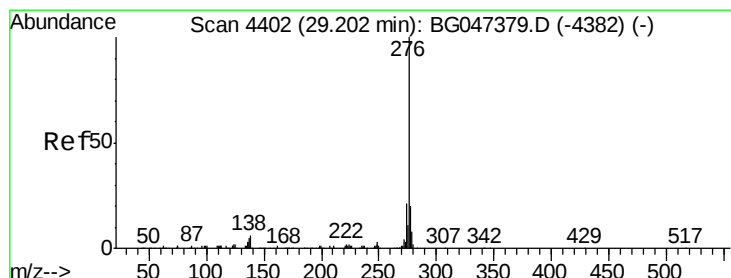
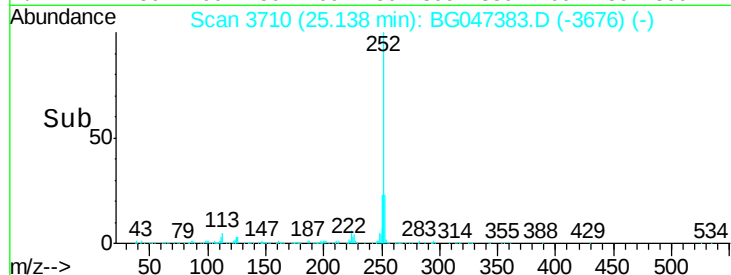
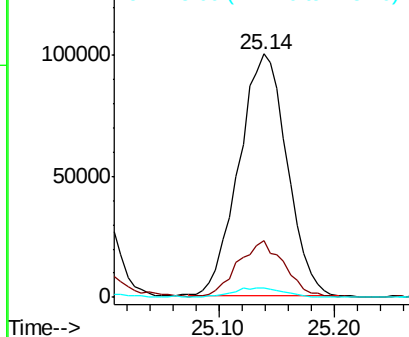
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	3.7	3.1	4.7

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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



#92

Indeno(1,2,3-cd)pyrene

Concen: 10.167 ng/ul

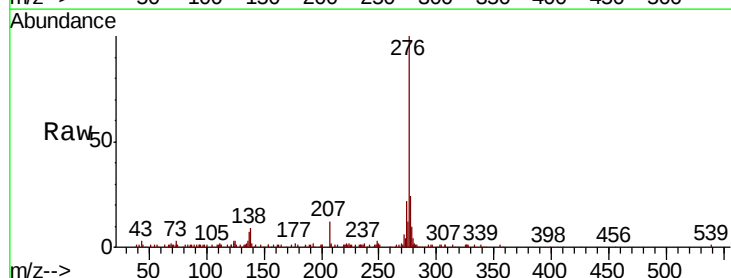
RT: 29.20 min Scan# 4401

Delta R.T. 0.00 min

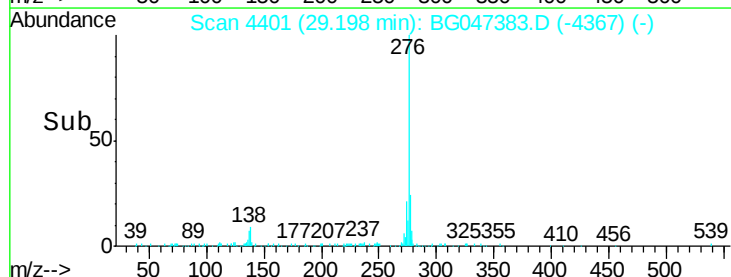
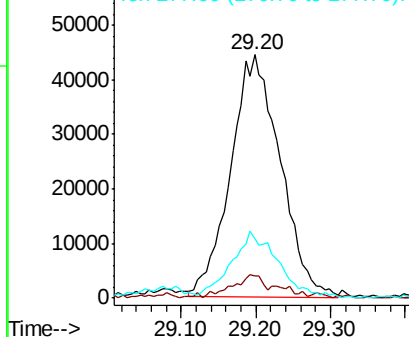
Lab File: BG047383.D

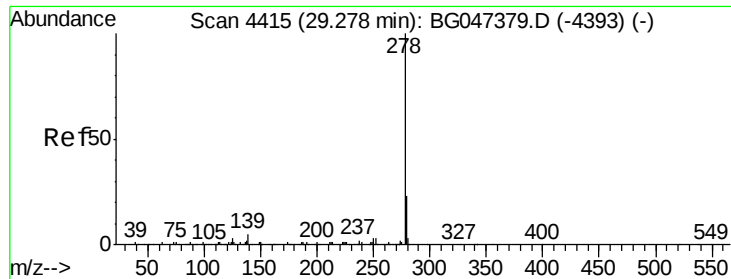
Acq: 20 Nov 2020 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	7.5	11.3
277	24.4	19.9	29.9



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





#93

Dibenzo(a,h)anthracene

Concen: 3.423 ng/ul m

RT: 29.26 min Scan# 4411

Delta R.T. -0.01 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

Tot Ion:278 Resp: 56473

Ion Ratio Lower Upper

278 100

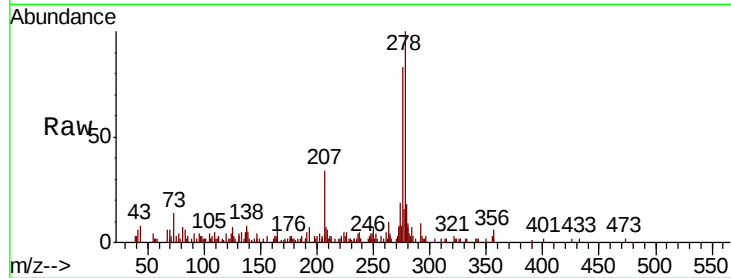
139 5.5 5.8 8.6#

279 18.0 20.0 30.0#

Manual Integrations
APPROVED

mohammad

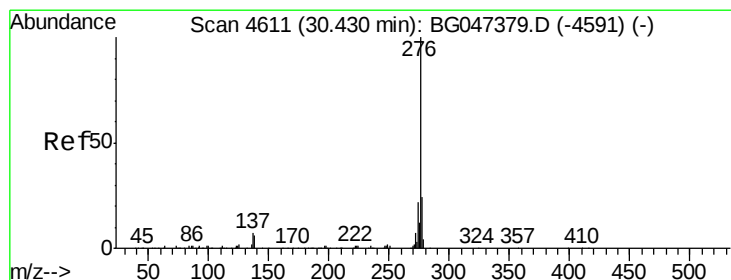
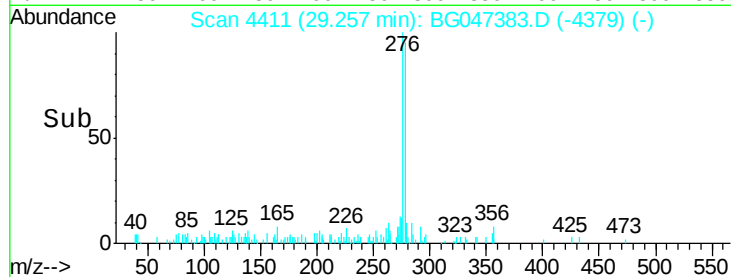
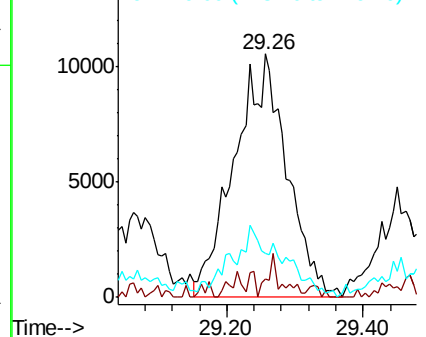
11/23/2020 1:30:04 PM



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



#94

Benzo(g,h,i)perylene

Concen: 10.092 ng/ul m

RT: 30.42 min Scan# 4609

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Tgt Ion:276 Resp: 167569

Ion Ratio Lower Upper

276 100

138 8.9 8.2 12.2

277 25.6 17.5 26.3

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

