

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047555.D
 Acq On : 4 Dec 2020 2:51
 Operator : CG/JU
 Sample : L4855-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z6

Manual Integrations
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Quant Time: Dec 04 03:58:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35637	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	140313	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99784	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	225415	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	196689	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	209655	20.00	ng/ul	0.00

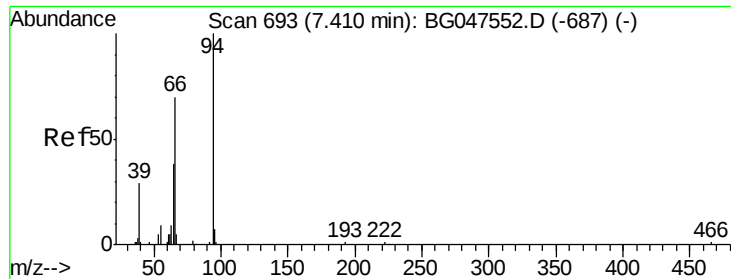
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4060m	4.14	ng/uL	0.01
5) Phenol-d5	7.39	99	97618	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	52254	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	77499	32.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	80792	29.42	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	37823	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44768	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	91914	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	94736	32.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	264436	30.87	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	325436	32.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	37727	28.87	ng/ul	0.00
58) Fluorene-d10	15.85	176	245537	31.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	47084	36.70	ng/ul	0.00
71) Anthracene-d10	17.70	188	347933	31.11	ng/ul	0.00
79) Pyrene-d10	19.97	212	357265	31.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	381109	31.58	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.42	94	3596	1.050	ng/ul#	90
28) Naphthalene	11.12	128	11882	1.495	ng/ul	97
45) Dimethylphthalate	14.30	163	9342	1.069	ng/ul	97
70) Phenanthrene	17.64	178	100235	8.234	ng/ul	98
72) Anthracene	17.73	178	22016m	1.796	ng/ul	
77) Fluoranthene	19.63	202	164263	10.685	ng/ul	99
80) Pyrene	19.99	202	134063	9.622	ng/ul#	98
83) Benzo(a)anthracene	21.86	228	83768	5.986	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	7309	1.072	ng/ul#	90
85) Chrysene	21.93	228	84129m	6.317	ng/ul	
88) Benzo(b)fluoranthene	24.18	252	120309m	8.127	ng/ul	
89) Benzo(k)fluoranthene	24.24	252	35154	2.410	ng/ul	99
91) Benzo(a)pyrene	25.11	252	71956	5.453	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.15	276	52873m	3.294	ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	16972m	1.290	ng/ul	
94) Benzo(g,h,i)perylene	30.36	276	50901m	3.843	ng/ul	

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



#6

Phenol

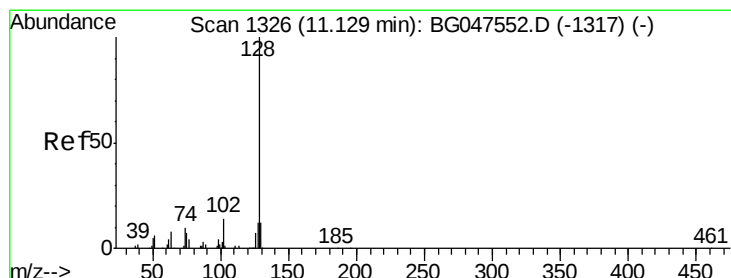
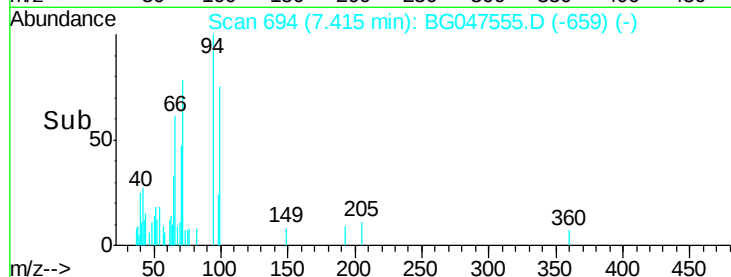
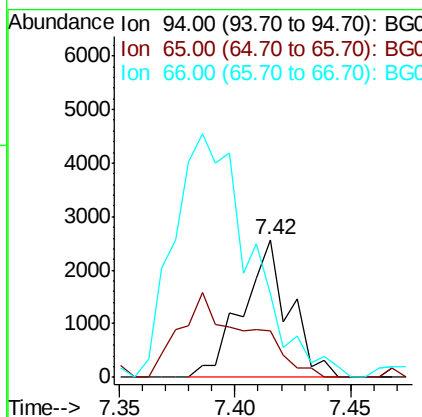
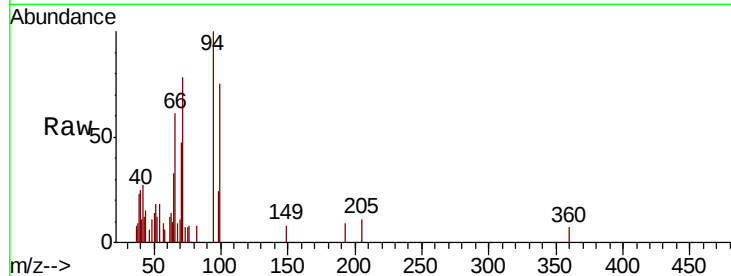
Concen: 1.050 ng/ul
 RT: 7.42 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BG047555.D
 Acq: 4 Dec 2020 2:51

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z6

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.4	33.8	50.6#
66	60.6	53.5	80.3

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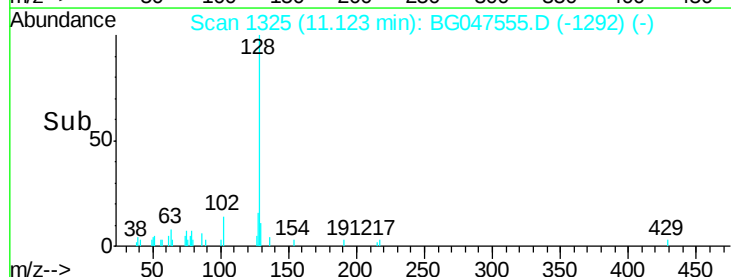
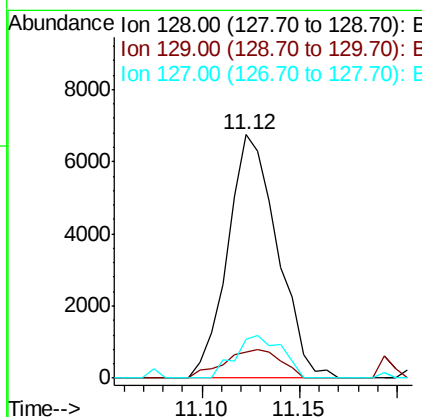
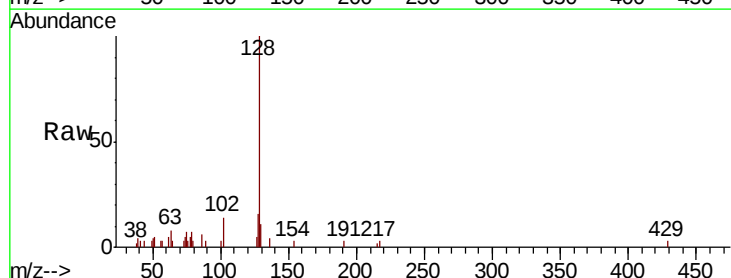


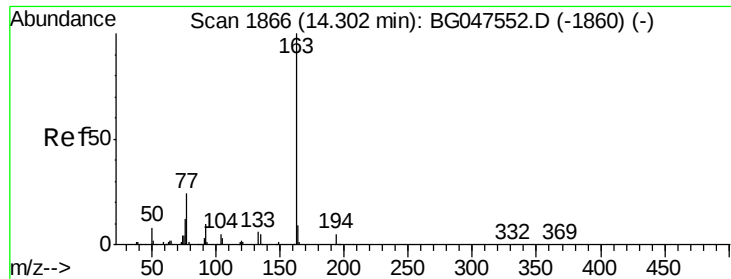
#28

Naphthalene

Concen: 1.495 ng/ul
 RT: 11.12 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BG047555.D
 Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	15.8	10.7	16.1





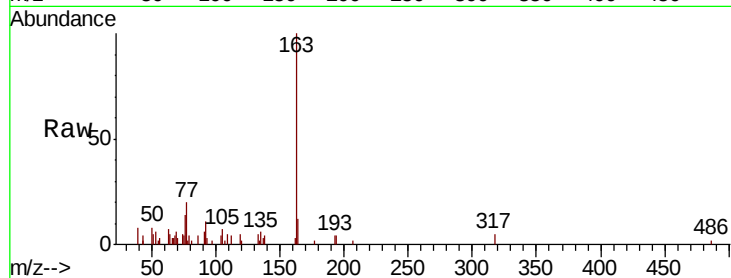
#45
Dimethylphthalate
Concen: 1.069 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Instrument :
BNA_G
ClientSampleId :
CB7Z6

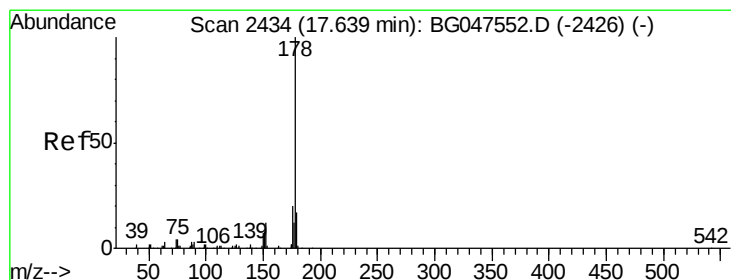
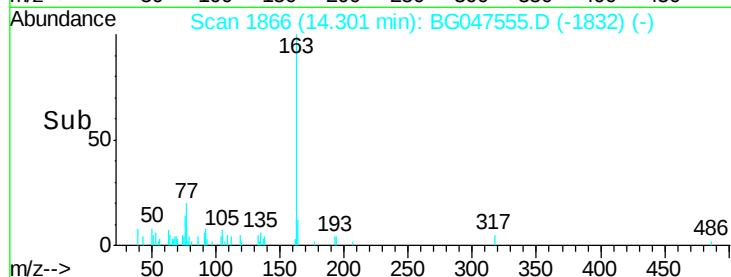
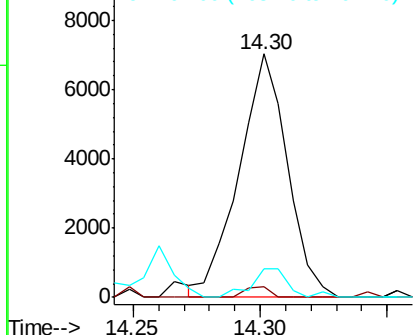
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.7	8.0	12.0

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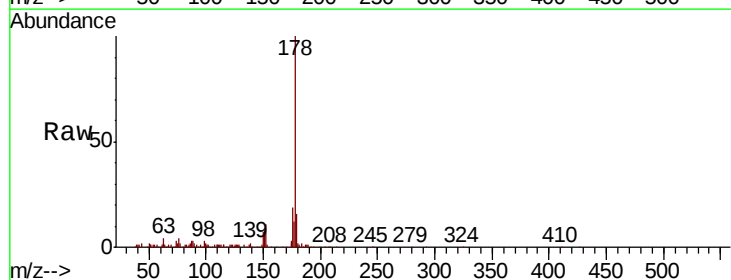


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

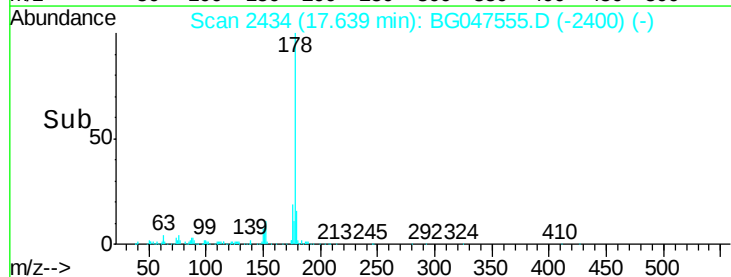
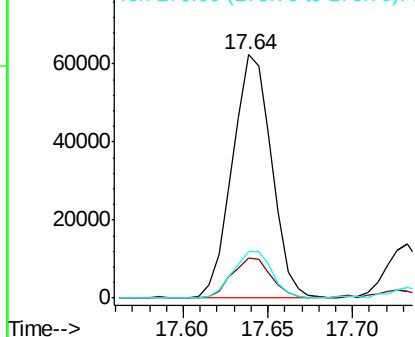


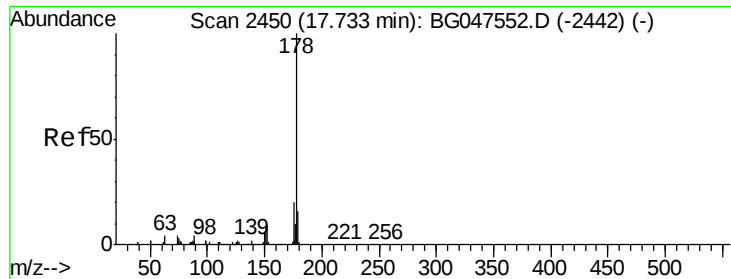
#70
Phenanthrene
Concen: 8.234 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.2	15.0	22.4



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





#72

Anthracene

Concen: 1.796 ng/ul

RT: 17.73 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG047555.D

Acq: 4 Dec 2020 2:51

Instrument :

BNA_G

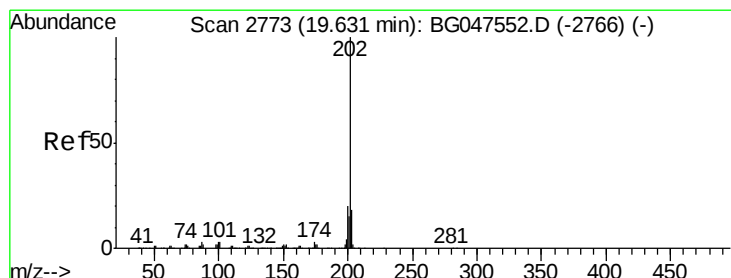
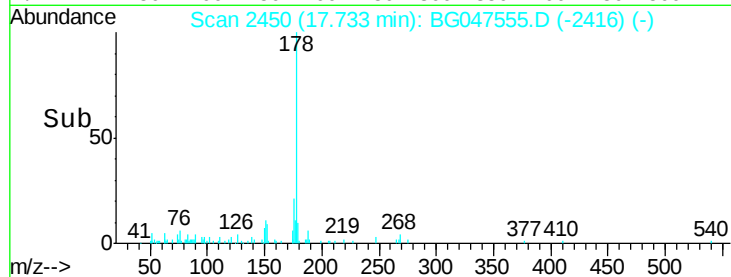
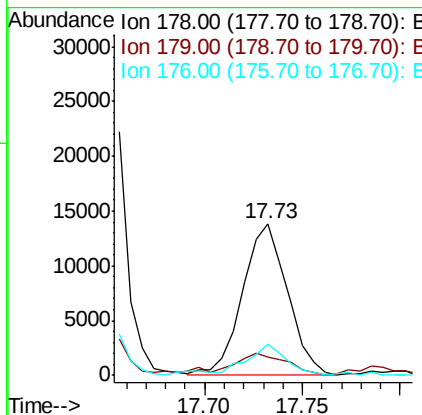
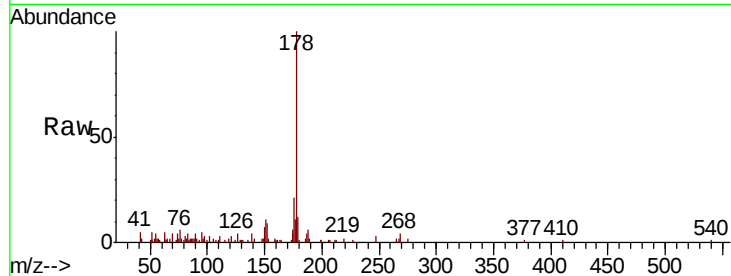
ClientSampled :

CB7Z6

Tot Ion	Ratio	Lower	Upper
178	100		
179	12.4	12.4	18.6#
176	20.6	15.3	22.9

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#77

Fluoranthene

Concen: 10.685 ng/ul

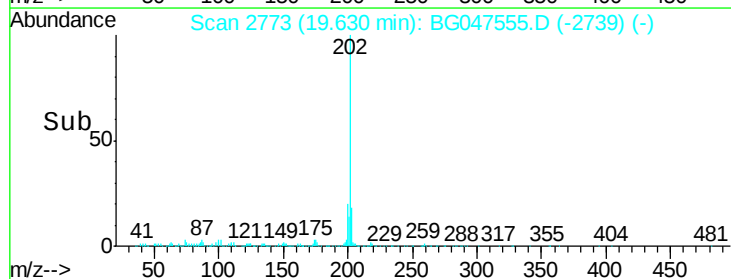
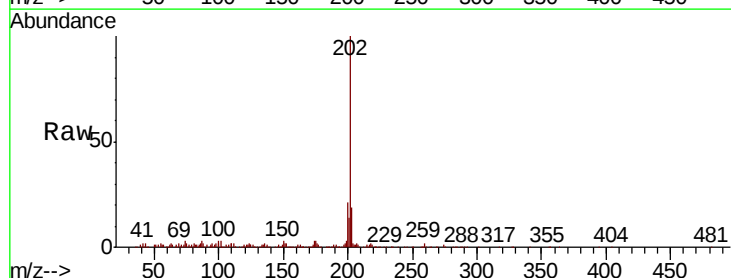
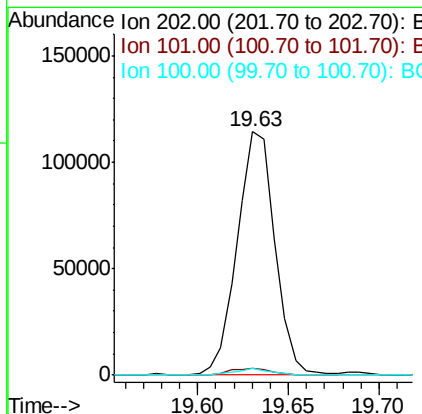
RT: 19.63 min Scan# 2773

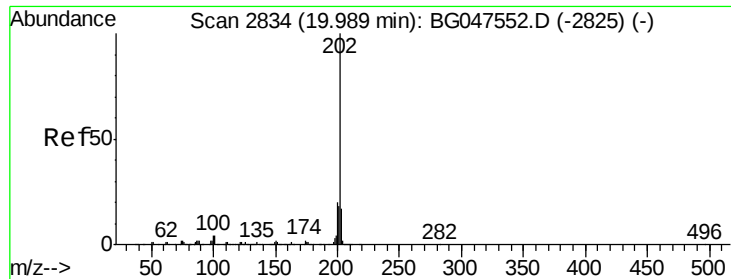
Delta R.T. -0.00 min

Lab File: BG047555.D

Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.8	4.2
100	2.8	2.6	3.8





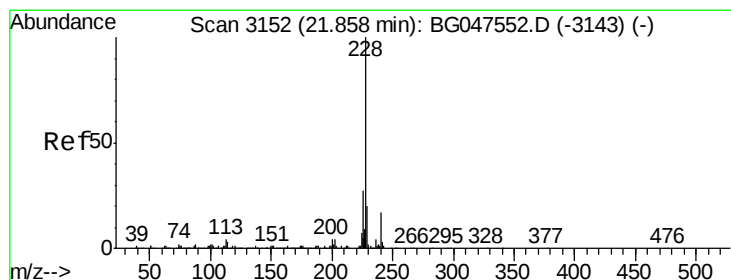
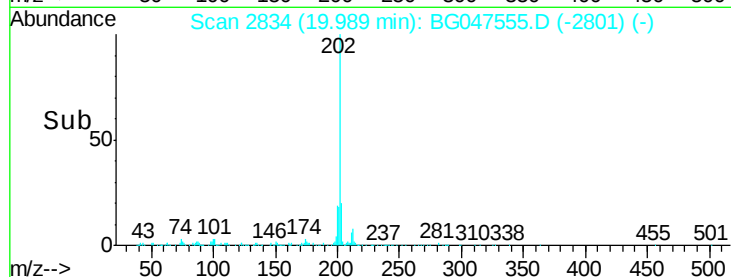
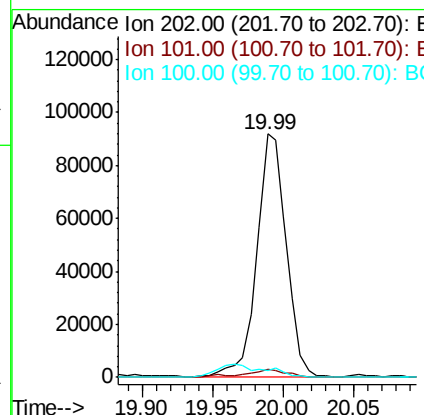
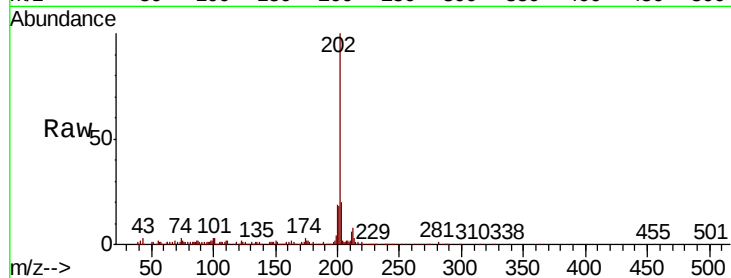
#80
Pvrene
Concen: 9.622 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.5	3.8	5.6#
100	2.8	2.2	3.4

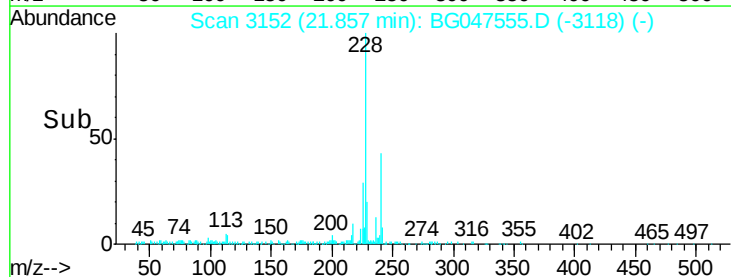
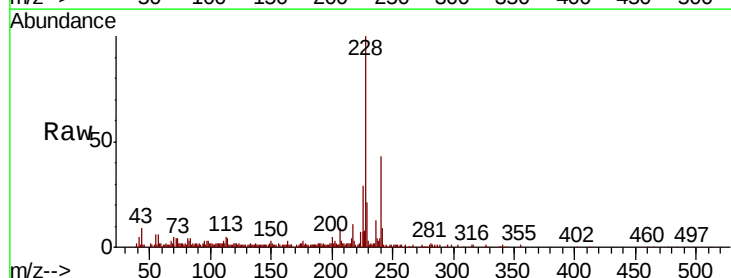
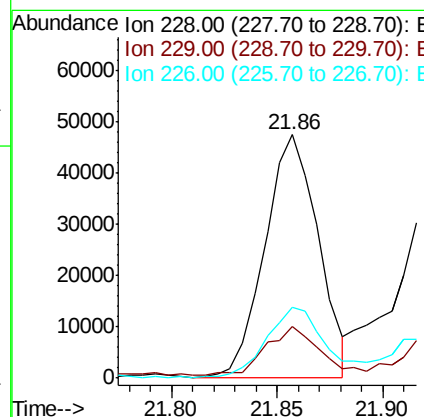
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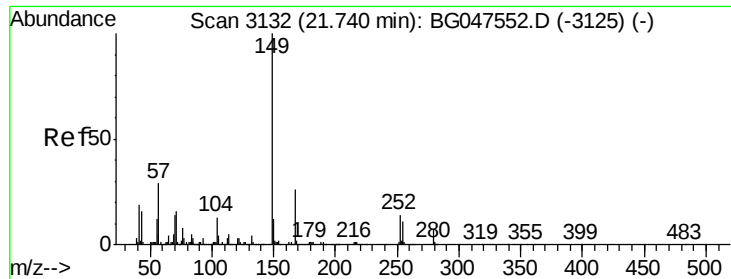
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#83
Benzo(a)anthracene
Concen: 5.986 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	14.7	22.1
226	29.0	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.072 ng/ul

RT: 21.74 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG047555.D

Acq: 4 Dec 2020 2:51

Instrument :

BNA_G

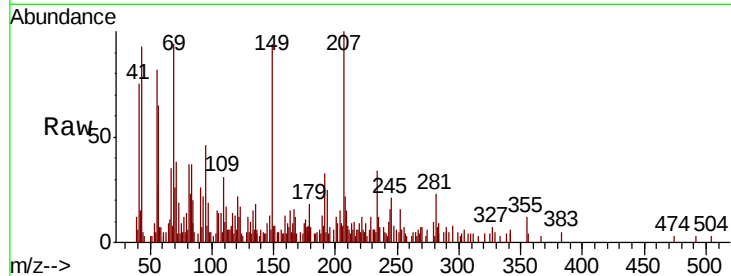
ClientSampleId :

CB7Z6

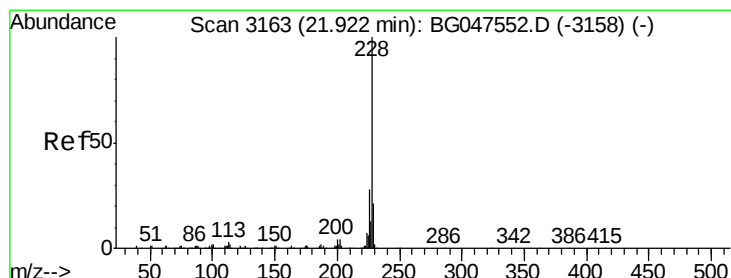
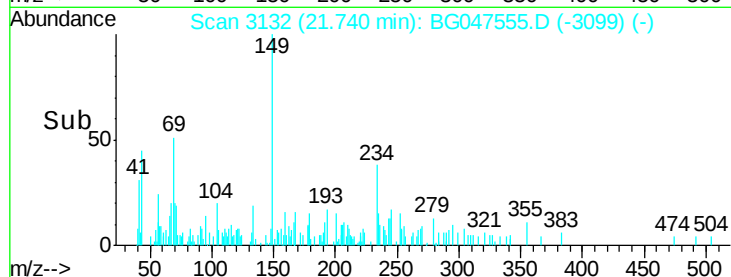
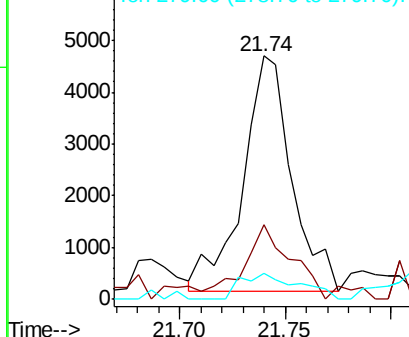
Tot Ion:	149	Resp:	7309
Ion Ratio	Lower	Upper	
149	100		
167	30.6	20.9	31.3
279	10.8	5.2	7.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 6.317 ng/ul m

RT: 21.93 min Scan# 3164

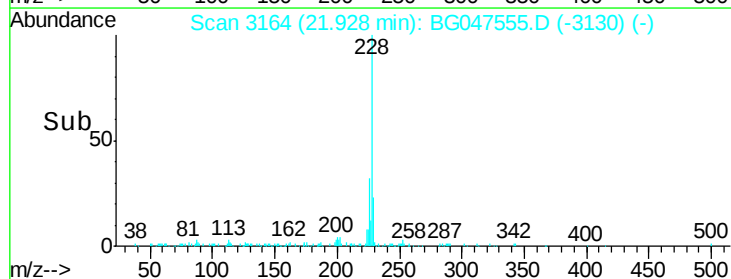
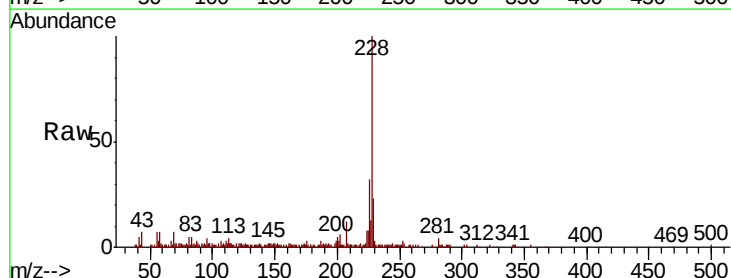
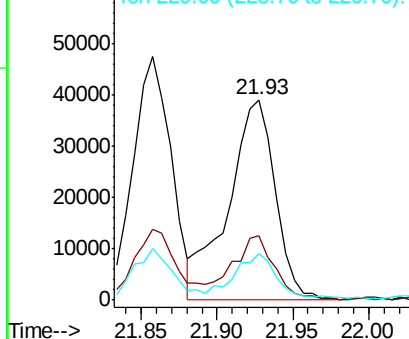
Delta R.T. -0.00 min

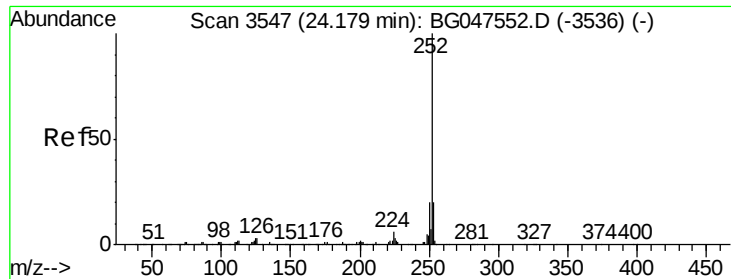
Lab File: BG047555.D

Acq: 4 Dec 2020 2:51

Tgt Ion:	228	Resp:	84129
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.8	35.6
229	23.3	15.5	23.3#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





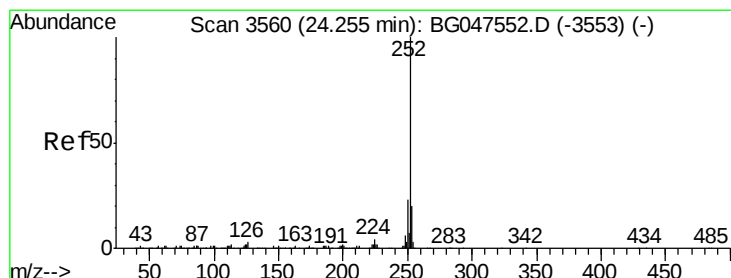
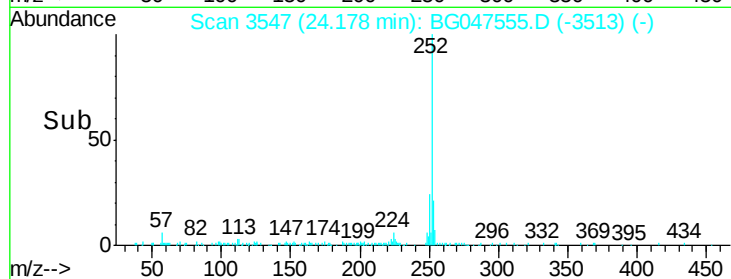
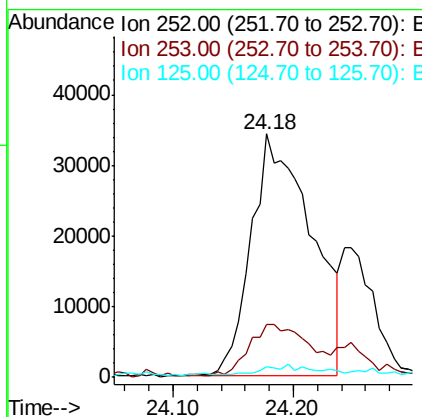
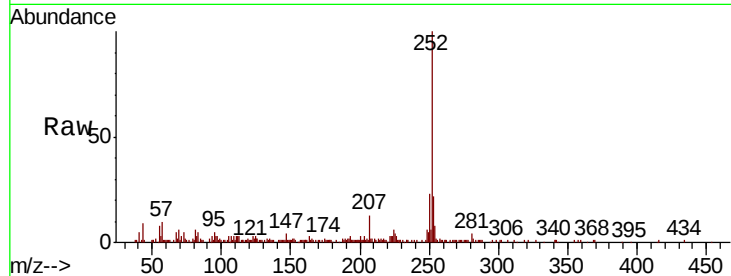
#88
Benzo(b)fluoranthene
Concen: 8.127 ng/ul m
RT: 24.18 min Scan# 3547
Delta R.T. -0.00 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	2.6	2.4	3.6

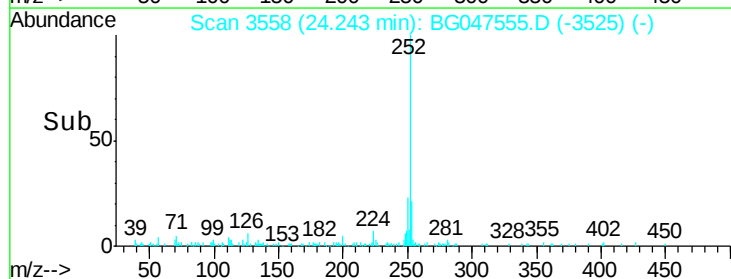
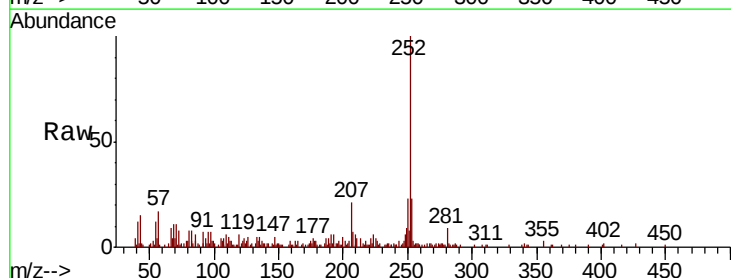
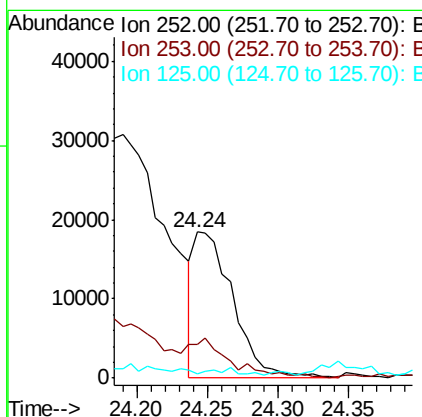
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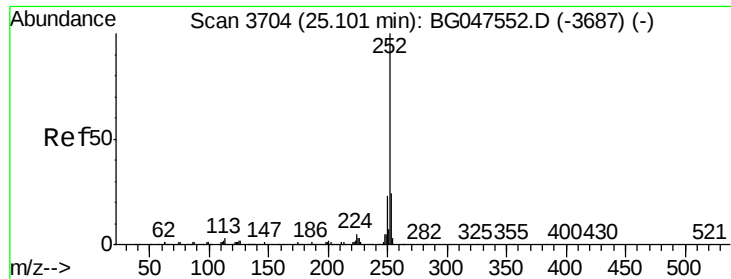
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#89
Benzo(k)fluoranthene
Concen: 2.410 ng/ul
RT: 24.24 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	2.9	2.2	3.4





#91

Benzo(a)pyrene

Concen: 5.453 ng/ul

RT: 25.11 min Scan# 3705

Delta R.T. 0.01 min

Lab File: BG047555.D

Acq: 4 Dec 2020 2:51

Instrument :

BNA_G

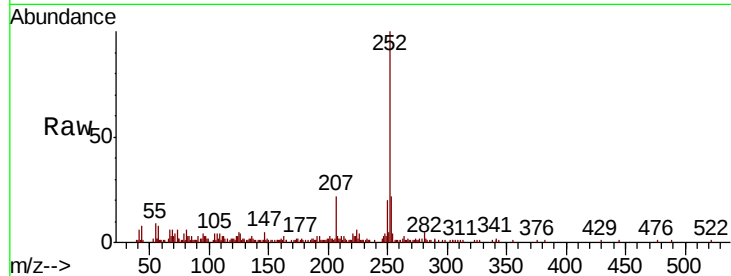
ClientSampleId :

CB7Z6

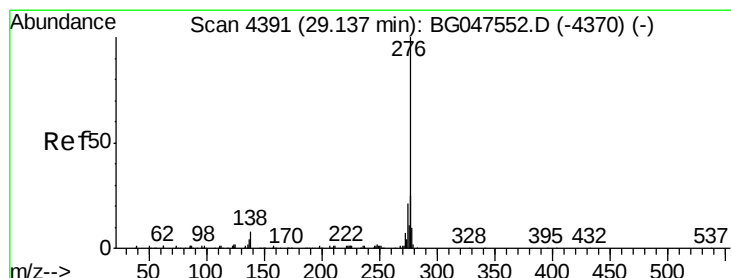
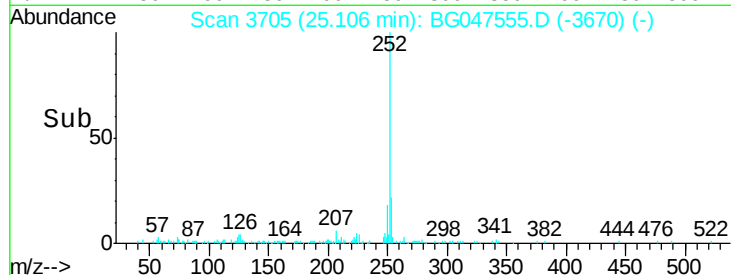
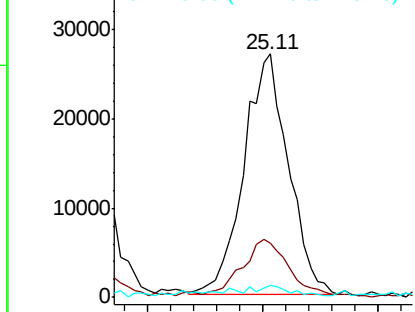
Tot Ion:	252	Resp:	71956
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	4.7	2.3	3.5#

Manual Integrations
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12/4/2020 4:31:04 PM



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: 3.294 ng/ul m

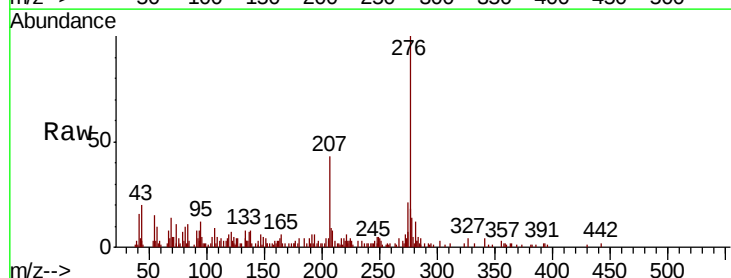
RT: 29.15 min Scan# 4393

Delta R.T. 0.01 min

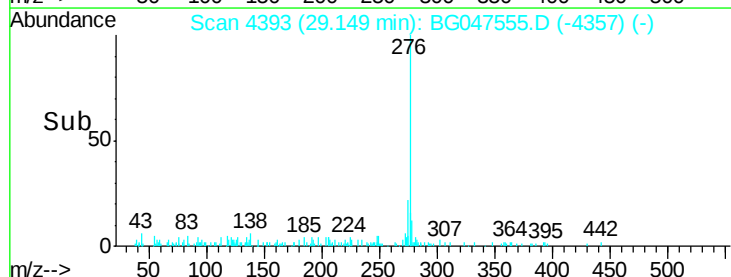
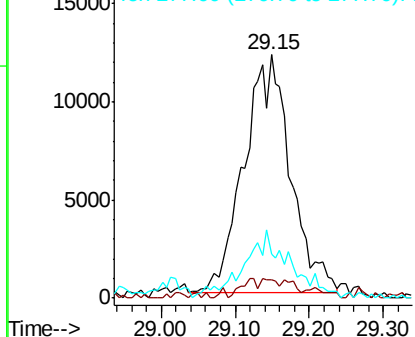
Lab File: BG047555.D

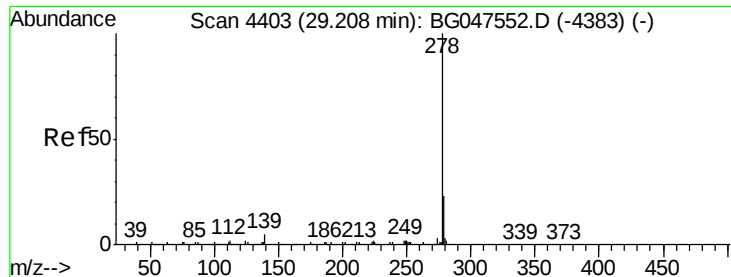
Acq: 4 Dec 2020 2:51

Tgt Ion:	276	Resp:	52873
Ion Ratio	Lower	Upper	
276	100		
138	7.5	3.7	5.5#
277	17.8	18.2	27.4#



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





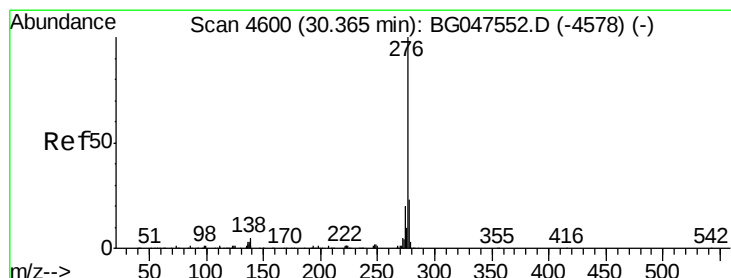
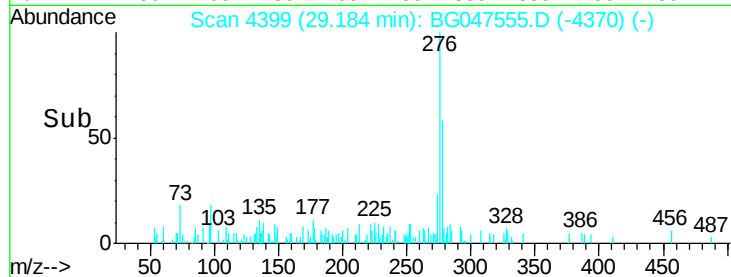
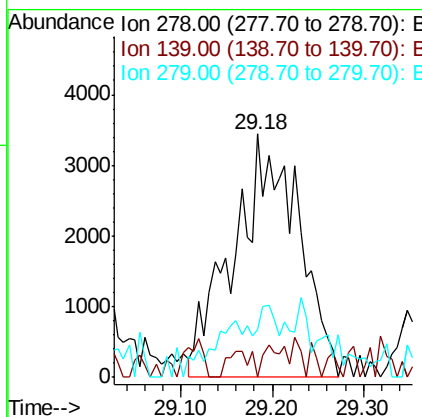
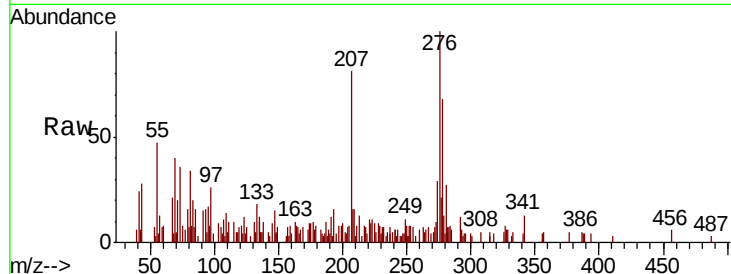
#93
Dibenzo(a,h)anthracene
Concen: 1.290 ng/ul m
RT: 29.18 min Scan# 4399
Delta R.T. -0.03 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	3.4	5.0#
279	19.6	18.0	27.0

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM



#94
Benzo(g,h,i)perylene
Concen: 3.843 ng/ul m
RT: 30.36 min Scan# 4600
Delta R.T. -0.00 min
Lab File: BG047555.D
Acq: 4 Dec 2020 2:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.4	3.6	5.4
277	23.6	17.5	26.3

