

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047556.D
 Acq On : 4 Dec 2020 3:31
 Operator : CG/JU
 Sample : L4855-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z0

Manual Integrations
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mohammad
 12/4/2020 4:31:07 PM

Quant Time: Dec 04 04:26:34 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	8.26	152	35532	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	135085	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	102009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	225551	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	202275	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	219877	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4771	4.88	ng/uL	0.00
5) Phenol-d5	7.39	99	125200	35.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	62575	30.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	93429	39.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	96476	35.23	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	45826	41.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	55020	45.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	108212	38.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	69853	24.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	309207	35.31	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	376903	37.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	45646	34.16	ng/ul	0.00
58) Fluorene-d10	15.85	176	286711	35.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	55951	43.58	ng/ul	0.00
71) Anthracene-d10	17.70	188	435773	38.95	ng/ul	0.00
79) Pyrene-d10	19.97	212	449398	38.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	466419	36.85	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.41	94	4224	1.237	ng/ul#	46
28) Naphthalene	11.12	128	7671	1.003	ng/ul#	87
45) Dimethylphthalate	14.30	163	11856	1.327	ng/ul	96
70) Phenanthrene	17.64	178	27773m	2.280	ng/ul	
77) Fluoranthene	19.63	202	68637	4.462	ng/ul#	98
80) Pyrene	20.00	202	58277	4.067	ng/ul#	95
83) Benzo(a)anthracene	21.86	228	39897m	2.772	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.74	149	30592	4.361	ng/ul	99
85) Chrysene	21.93	228	45079	3.291	ng/ul	97
88) Benzo(b)fluoranthene	24.18	252	68974	4.443	ng/ul#	90
89) Benzo(k)fluoranthene	24.24	252	20402	1.334	ng/ul#	94
91) Benzo(a)pyrene	25.11	252	37399	2.702	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	29.15	276	31441m	1.868	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	31409m	2.261	ng/ul	

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

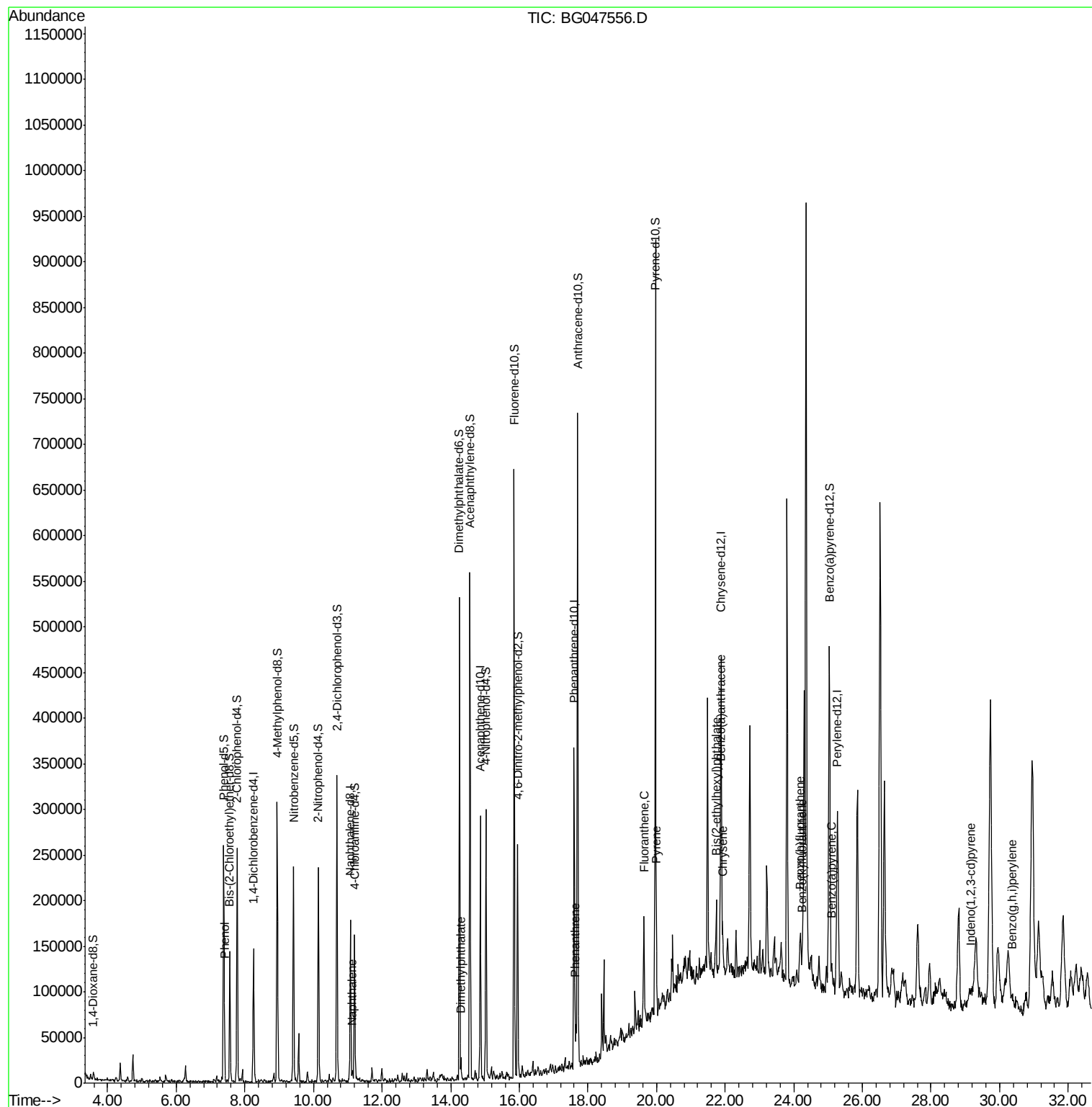
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047556.D
Acq On : 4 Dec 2020 3:31
Operator : CG/JU
Sample : L4855-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

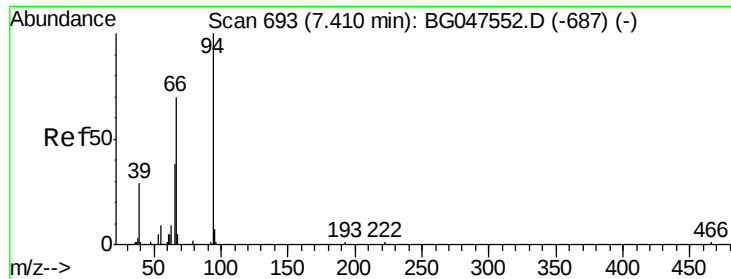
Instrument :
BNA_G
ClientSampleID :
CB7Z0

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Quant Time: Dec 04 04:26:34 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





#6

Phenol

Concen: 1.237 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Instrument :

BNA_G

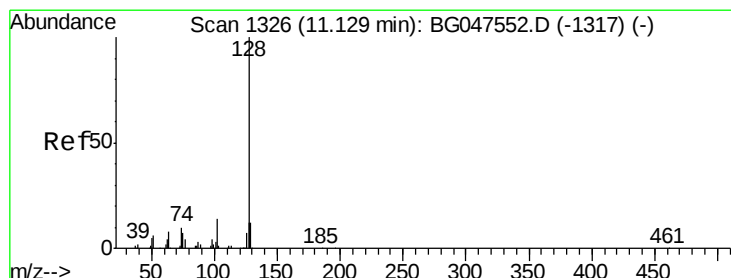
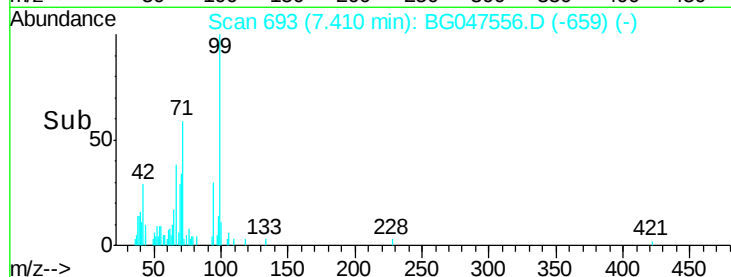
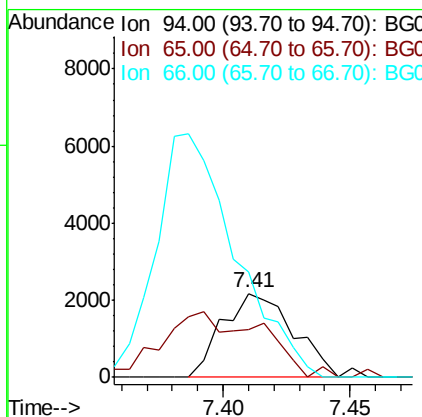
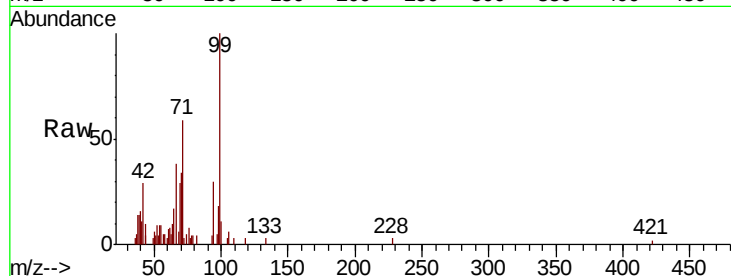
ClientSampleId :

CB7Z0

Tot Ion:	94	Resp:	4224
Ion Ratio	Lower	Upper	
94	100		
65	56.5	33.8	50.6#
66	125.8	53.5	80.3#

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#28

Naphthalene

Concen: 1.003 ng/ul

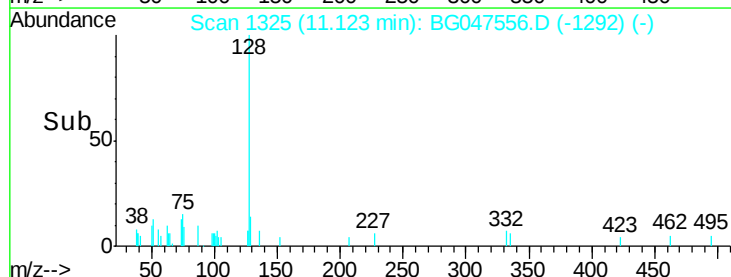
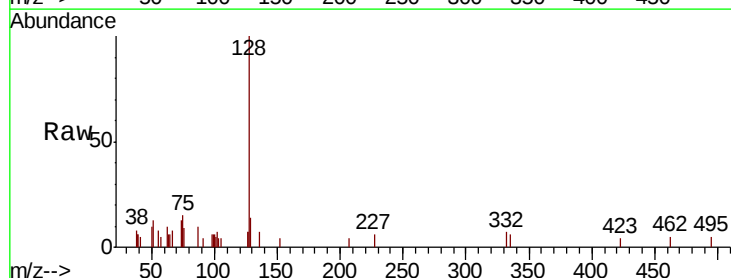
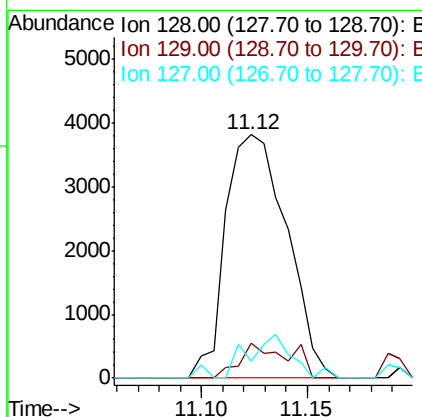
RT: 11.12 min Scan# 1325

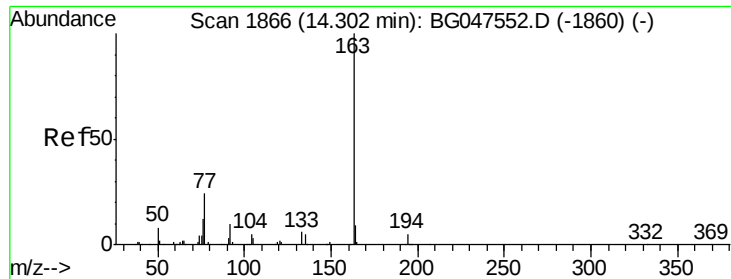
Delta R.T. -0.01 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Tgt Ion:	128	Resp:	7671
Ion Ratio	Lower	Upper	
128	100		
129	14.2	8.6	13.0#
127	7.1	10.7	16.1#





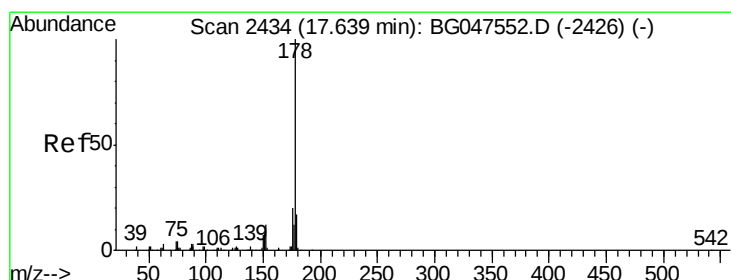
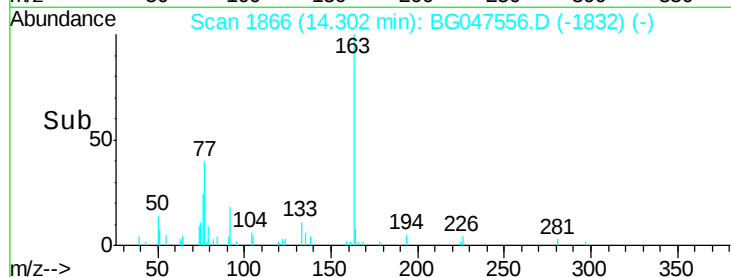
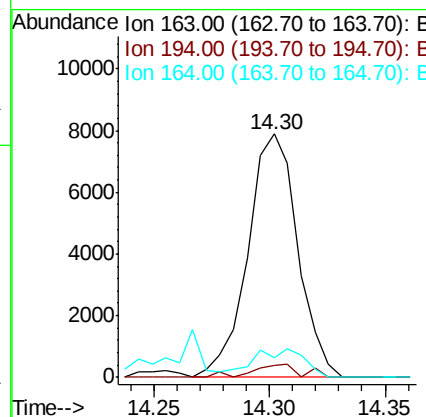
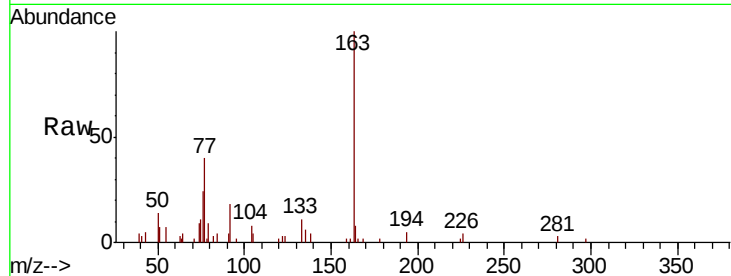
#45
Dimethylphthalate
Concen: 1.327 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG047556.D
Acq: 4 Dec 2020 3:31

Instrument :
BNA_G
ClientSampled :
CB7Z0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		11856		
194	4.9		3.6	5.4	
164	8.1		8.0	12.0	

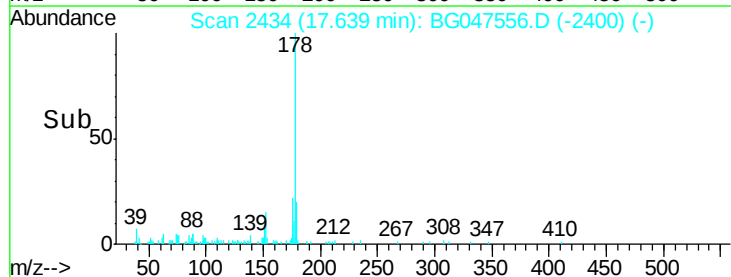
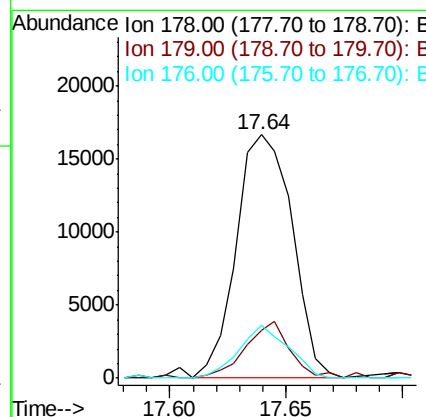
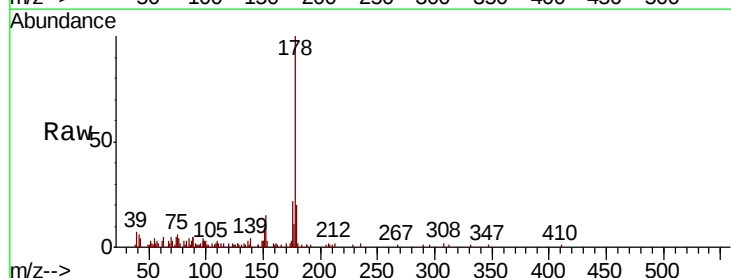
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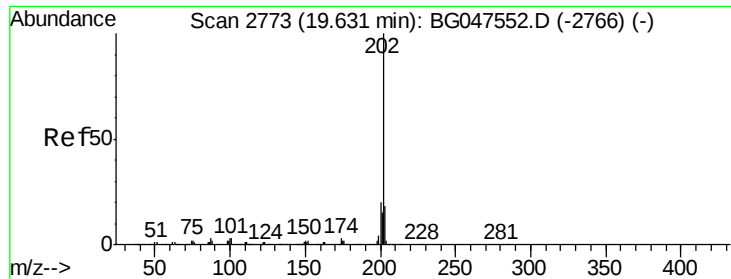
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#70
Phenanthrene
Concen: 2.280 ng/ul m
RT: 17.64 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG047556.D
Acq: 4 Dec 2020 3:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		27773		
179	19.7		12.3	18.5#	
176	21.9		15.0	22.4	





#77

Fluoranthene

Concen: 4.462 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Instrument :

BNA_G

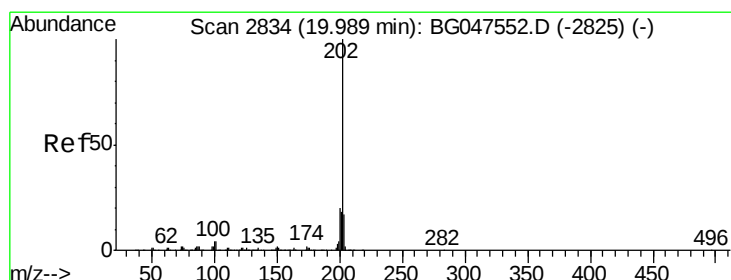
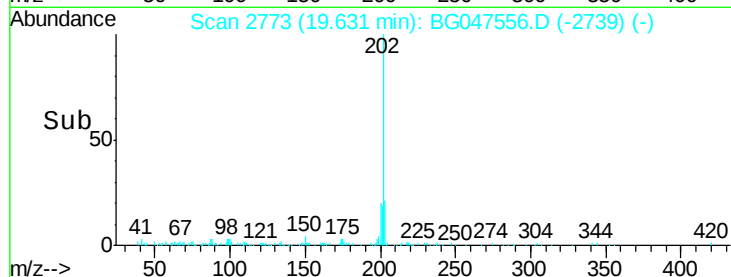
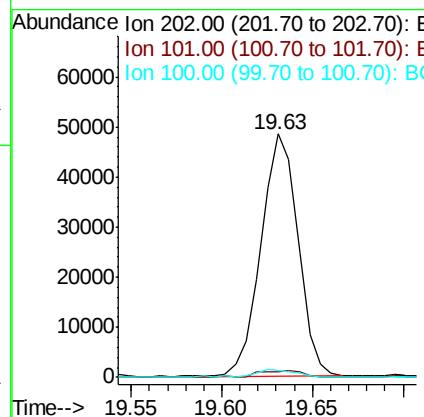
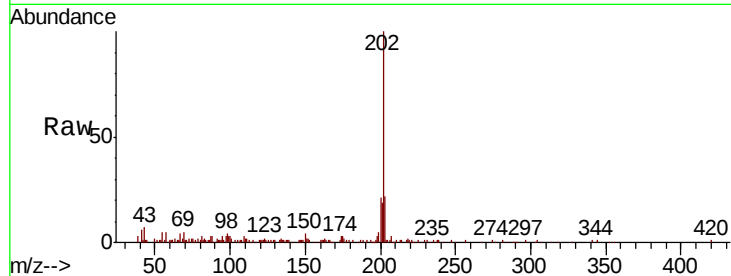
ClientSampleId :

CB7Z0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	68637		
101	2.4		2.8	4.2#
100	3.0		2.6	3.8

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#80

Pyrene

Concen: 4.067 ng/ul

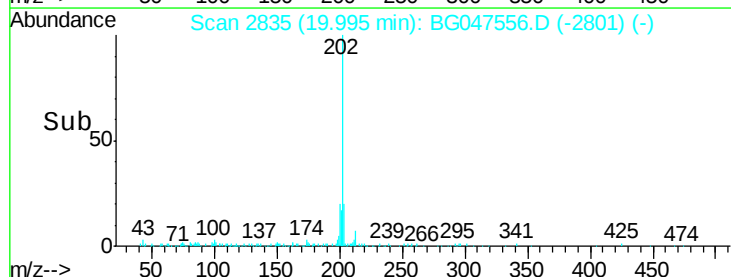
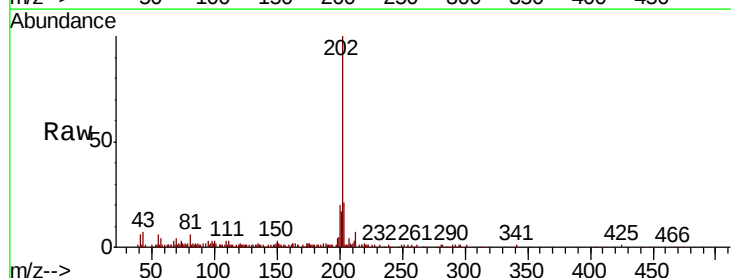
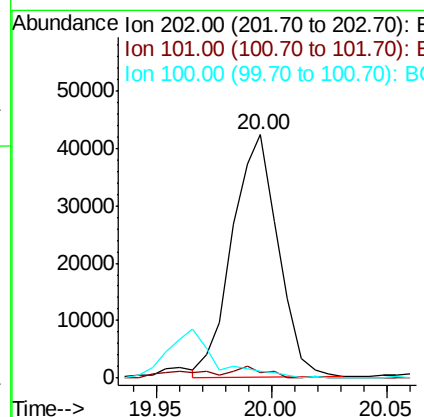
RT: 20.00 min Scan# 2835

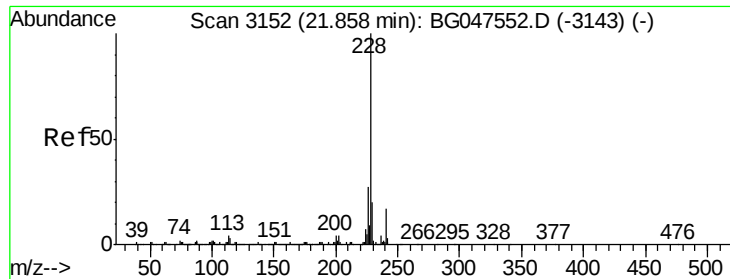
Delta R.T. 0.00 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58277		
101	2.3		3.8	5.6#
100	2.8		2.2	3.4





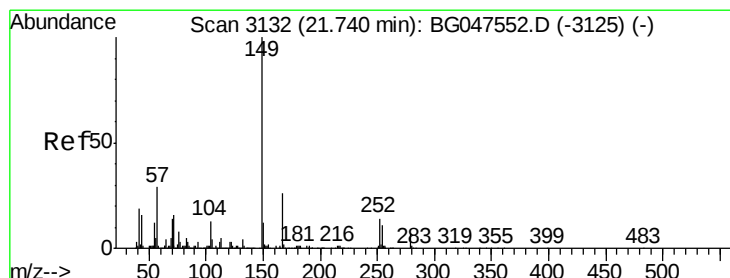
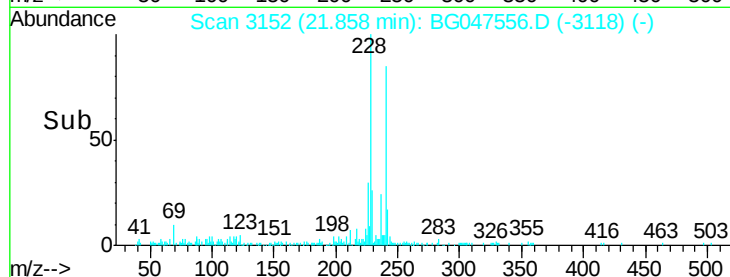
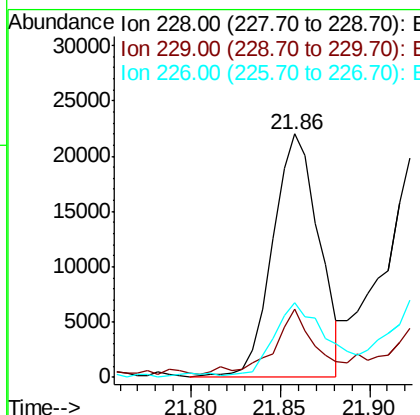
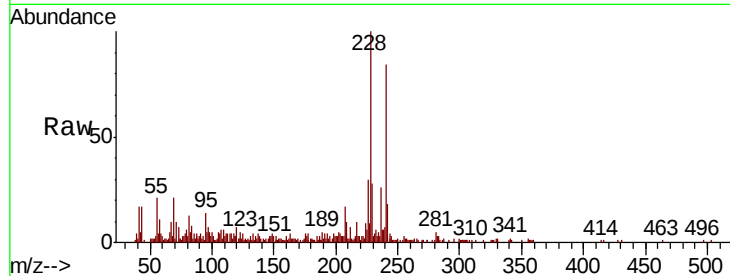
#83
 Benzo(a)anthracene
 Concen: 2.772 ng/ul m
 RT: 21.86 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG047556.D
 Acq: 4 Dec 2020 3:31

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z0

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.8	14.7	22.1#
226	30.4	21.6	32.4

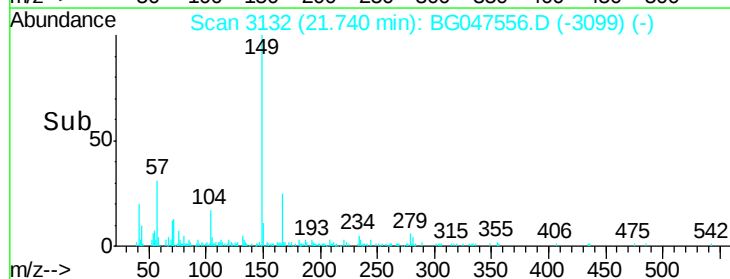
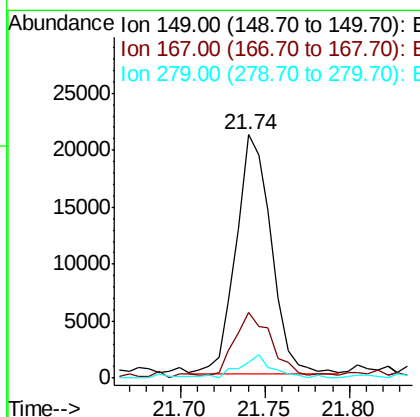
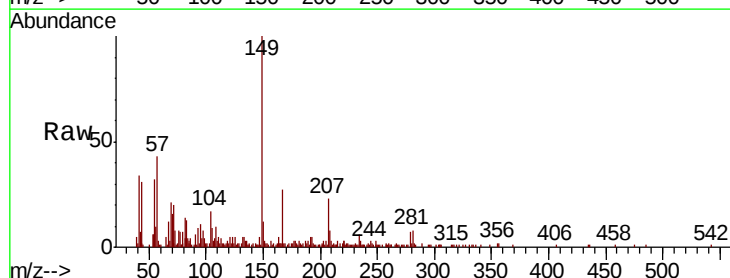
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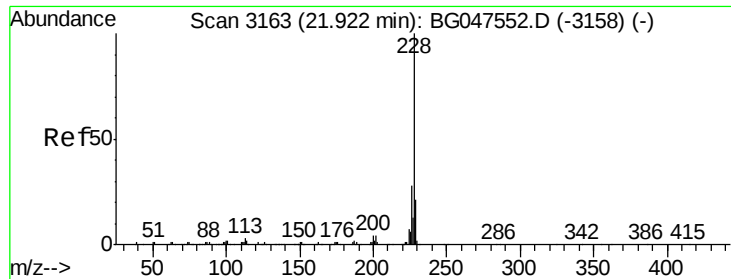
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.361 ng/ul
 RT: 21.74 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG047556.D
 Acq: 4 Dec 2020 3:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	6.5	5.2	7.8





#85

Chrysene

Concen: 3.291 ng/ul

RT: 21.93 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Instrument :

BNA_G

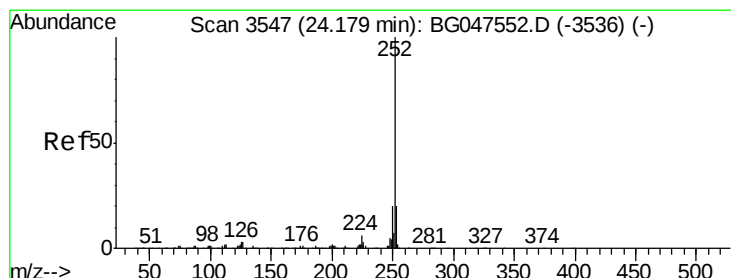
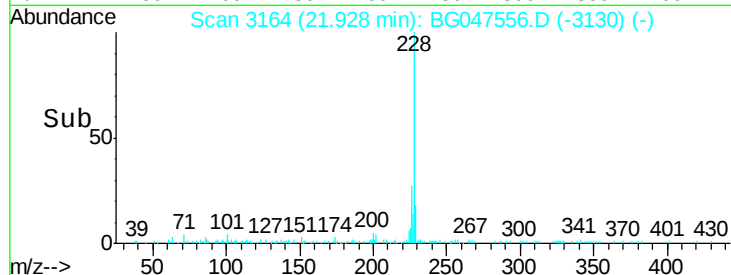
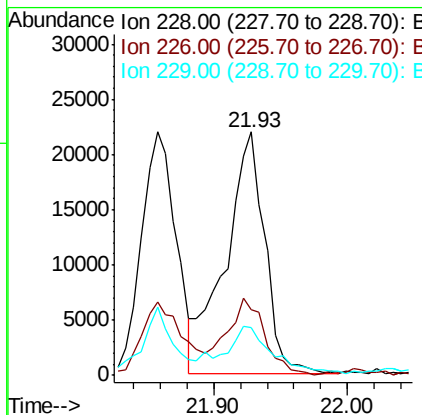
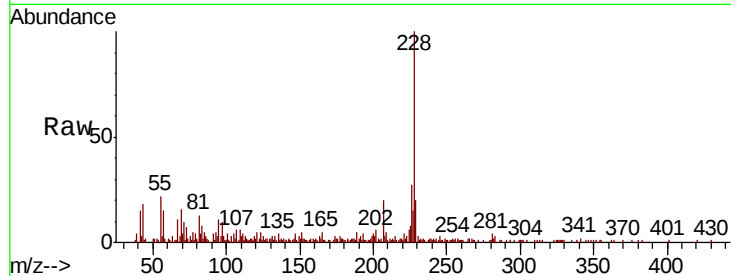
ClientSampleId :

CB7Z0

Tot Ion:	228	Resp:	45079
Ion Ratio	Lower	Upper	
228	100		
226	27.0	23.8	35.6
229	19.6	15.5	23.3

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#88

Benzo(b)fluoranthene

Concen: 4.443 ng/ul

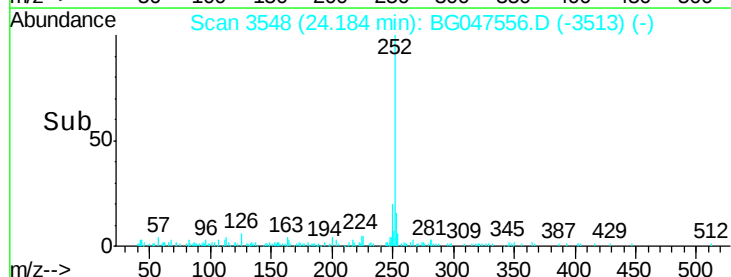
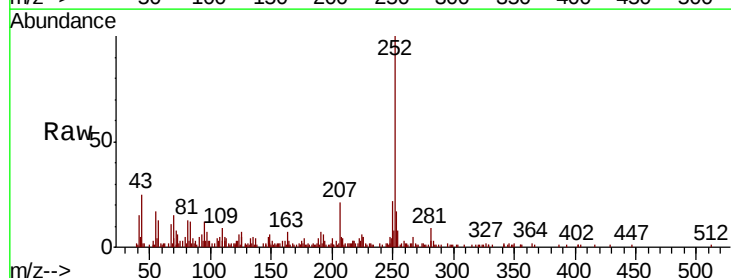
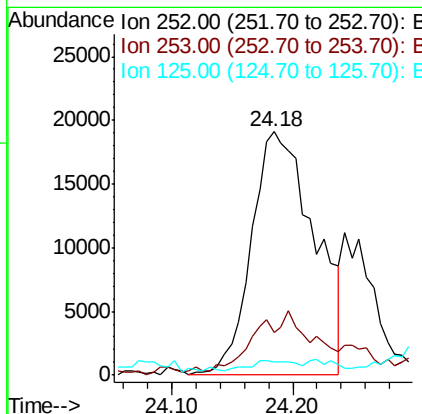
RT: 24.18 min Scan# 3548

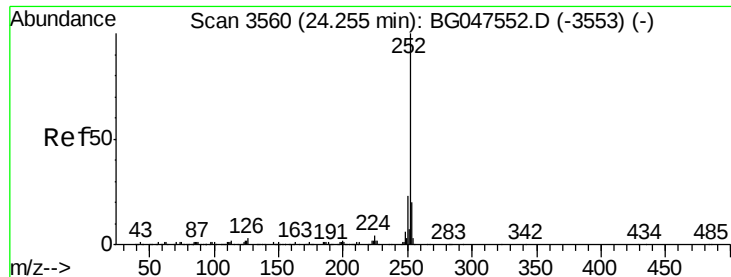
Delta R.T. 0.01 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Tgt Ion:	252	Resp:	68974
Ion Ratio	Lower	Upper	
252	100		
253	17.4	17.9	26.9#
125	5.3	2.4	3.6#





#89

Benzo(k)fluoranthene

Concen: 1.334 ng/ul

RT: 24.24 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Instrument :

BNA_G

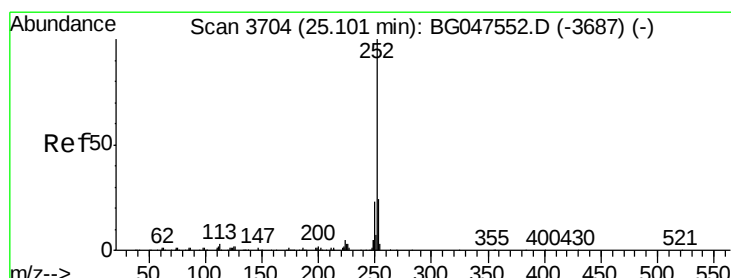
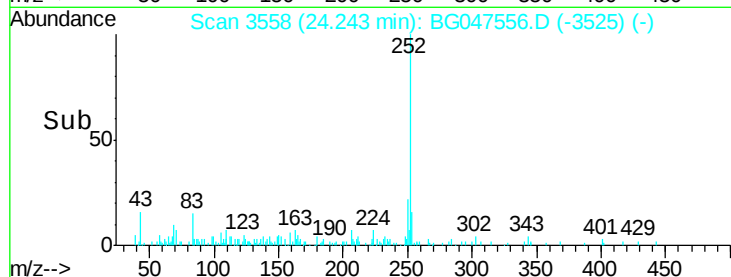
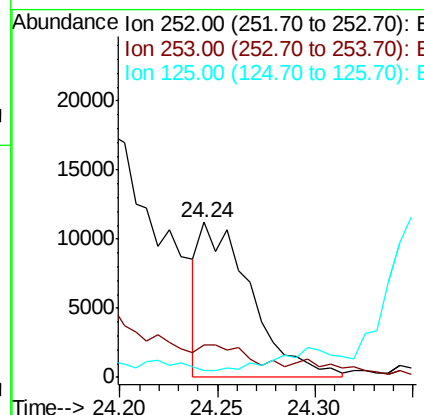
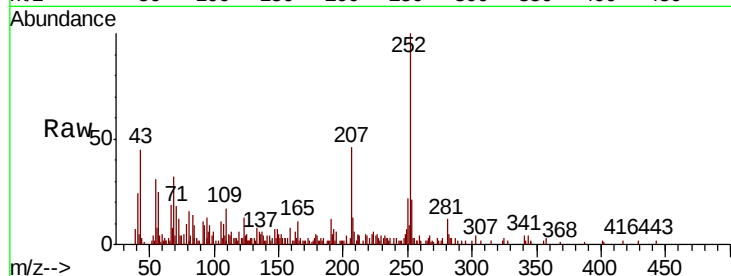
ClientSampled :

CB7Z0

Tot Ion:	252	Resp:	20402
Ion Ratio	Lower	Upper	
252	100		
253	20.9	19.0	28.4
125	4.8	2.2	3.4

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#91

Benzo(a)pyrene

Concen: 2.702 ng/ul

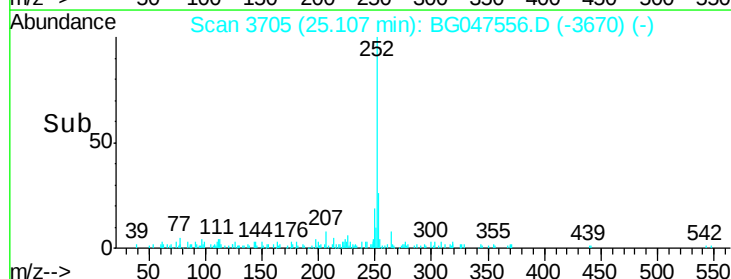
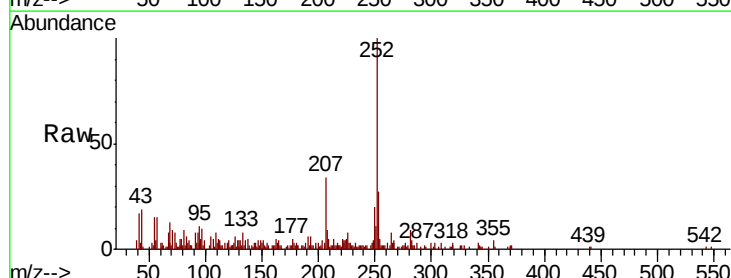
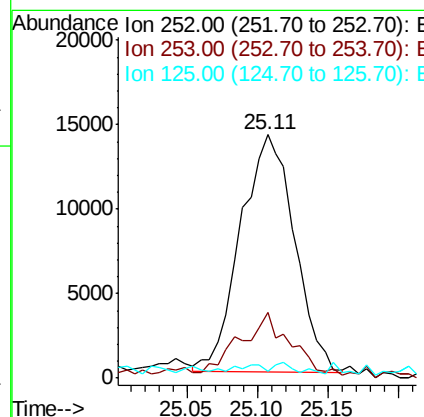
RT: 25.11 min Scan# 3705

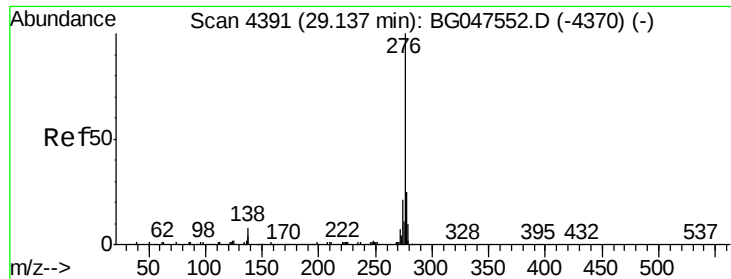
Delta R.T. 0.01 min

Lab File: BG047556.D

Acq: 4 Dec 2020 3:31

Tgt Ion:	252	Resp:	37399
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.3	25.9
125	2.8	2.3	3.5





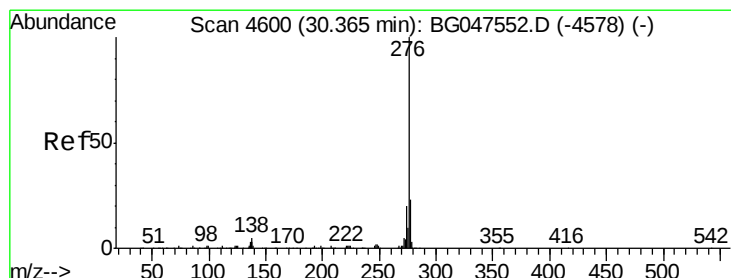
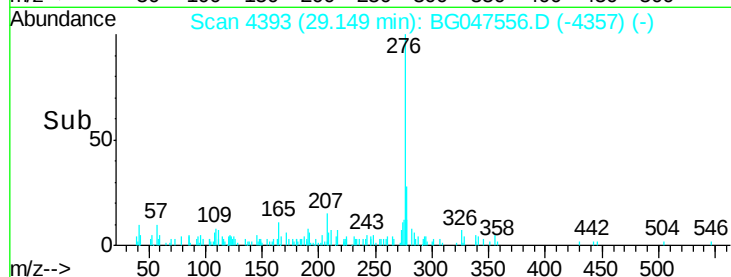
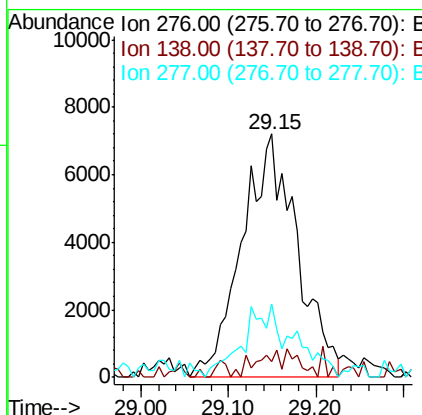
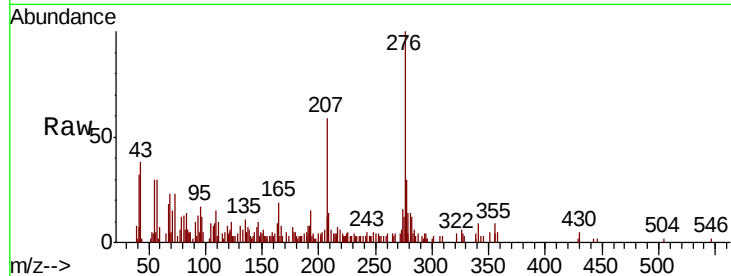
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.868 ng/ul m
RT: 29.15 min Scan# 4393
Delta R.T. 0.01 min
Lab File: BG047556.D
Acq: 4 Dec 2020 3:31

Instrument :
BNA_G
ClientSampleId :
CB7Z0

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.4	3.7	5.5#
277	30.3	18.2	27.4#

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:07 PM



#94
Benzo(g,h,i)perylene
Concen: 2.261 ng/ul m
RT: 30.37 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG047556.D
Acq: 4 Dec 2020 3:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	3.6	5.4#
277	19.3	17.5	26.3

