

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047562.D
 Acq On : 4 Dec 2020 7:33
 Operator : CG/JU
 Sample : L4855-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z4

Manual Integrations
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 12/4/2020 4:31:30 PM

Quant Time: Dec 04 08:28:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32922	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	124420	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	226296	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	195865	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	212969	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4710m	5.20	ng/uL	0.00
5) Phenol-d5	7.39	99	100890	30.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	51769	27.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	80099	36.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83805	33.03	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	39167	38.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	48731	43.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	98316	38.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	80972	31.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	304632	35.80	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	371775	37.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	49411	38.06	ng/ul	0.01
58) Fluorene-d10	15.85	176	286520	36.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	42684	33.14	ng/ul	0.00
71) Anthracene-d10	17.70	188	416730	37.12	ng/ul	0.00
79) Pyrene-d10	19.97	212	443855	38.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	458594	37.41	ng/ul	0.01

Target Compounds				Ovalue		
6) Phenol	7.41	94	4683	1.480	ng/ul#	72
45) Dimethylphthalate	14.30	163	12871	1.483	ng/ul#	99
70) Phenanthrene	17.65	178	70722	5.787	ng/ul	97
77) Fluoranthene	19.63	202	134152	8.692	ng/ul#	96
80) Pyrene	20.00	202	111938	8.068	ng/ul#	96
83) Benzo(a)anthracene	21.86	228	66741	4.789	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.75	149	62877	9.257	ng/ul	97
85) Chrysene	21.93	228	60051m	4.528	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	90378	6.010	ng/ul	96
89) Benzo(k)fluoranthene	24.25	252	34301m	2.315	ng/ul	
91) Benzo(a)pyrene	25.10	252	57262	4.272	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.16	276	44155m	2.708	ng/ul	
94) Benzo(g,h,i)perylene	30.39	276	42024m	3.124	ng/ul	

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

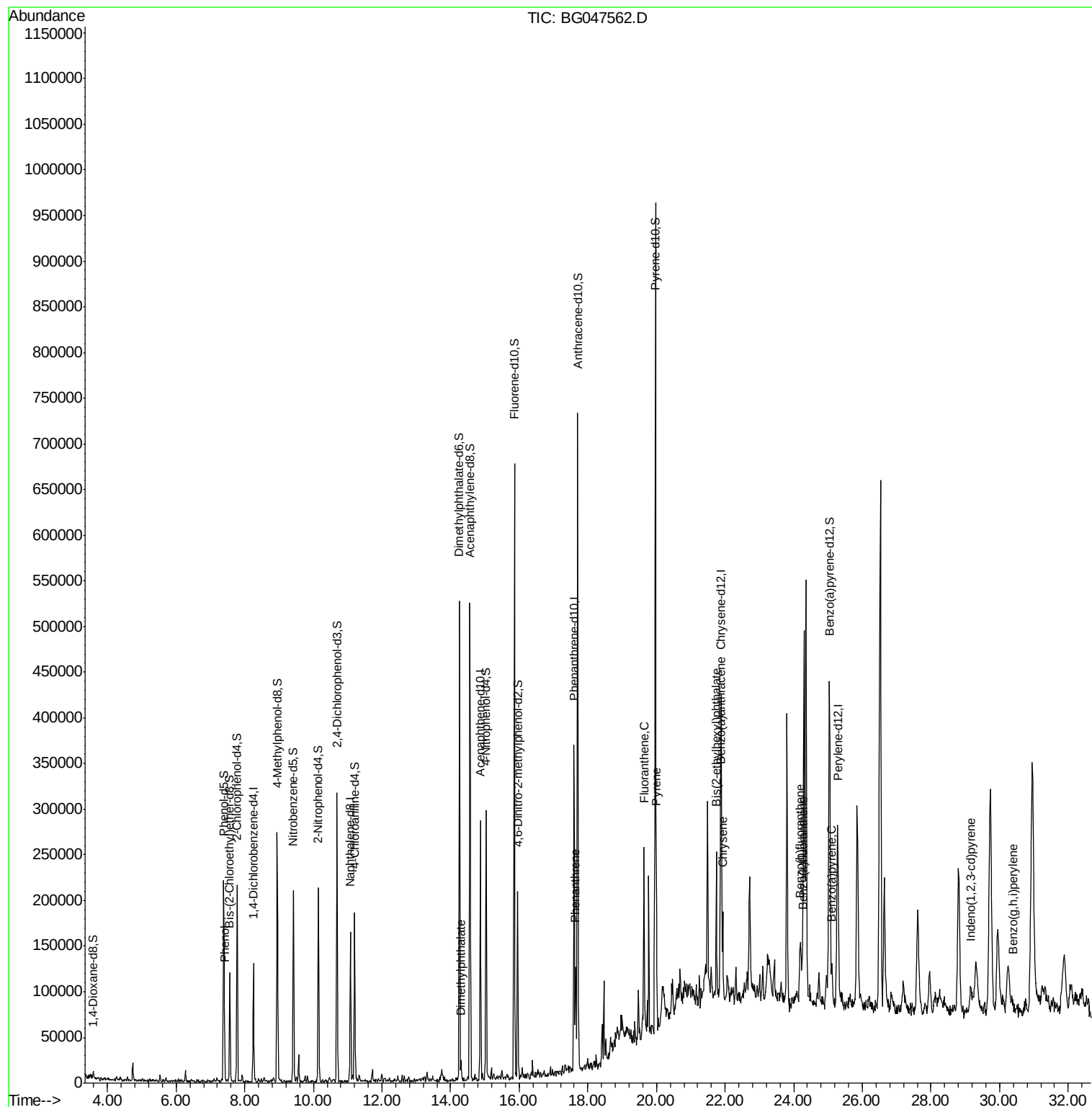
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047562.D
Acq On : 4 Dec 2020 7:33
Operator : CG/JU
Sample : L4855-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

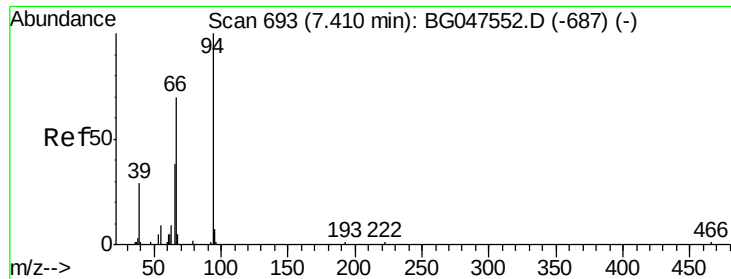
Instrument :
BNA_G
ClientSampleId :
CB7Z4

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Quant Time: Dec 04 08:28:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.480 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Instrument :

BNA_G

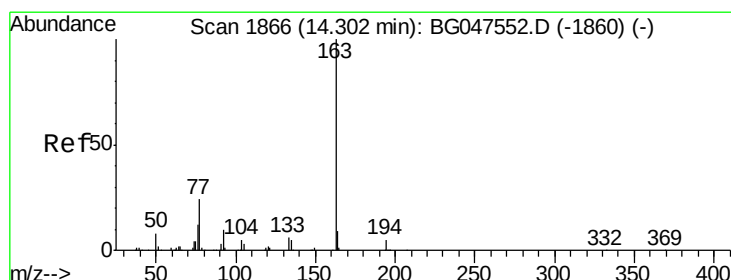
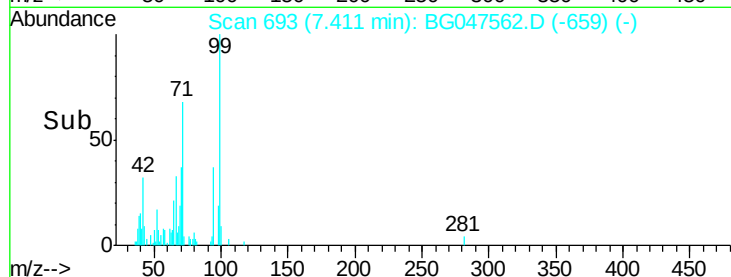
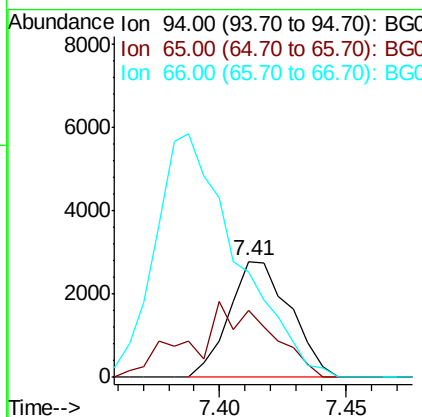
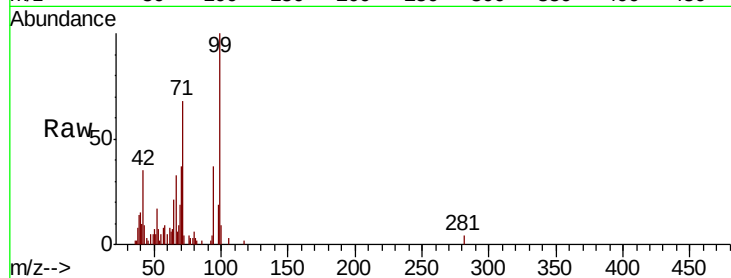
ClientSampleId :

CB7Z4

Tot Ion:	94	Resp:	4683
Ion Ratio	Lower	Upper	
94	100		
65	57.8	33.8	50.6#
66	90.6	53.5	80.3#

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#45

Dimethylphthalate

Concen: 1.483 ng/ul

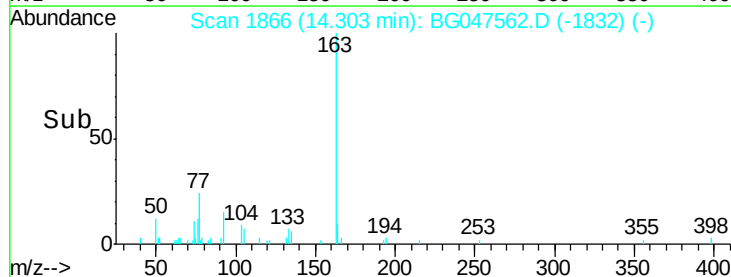
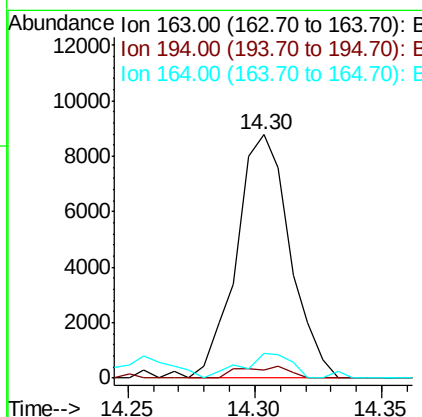
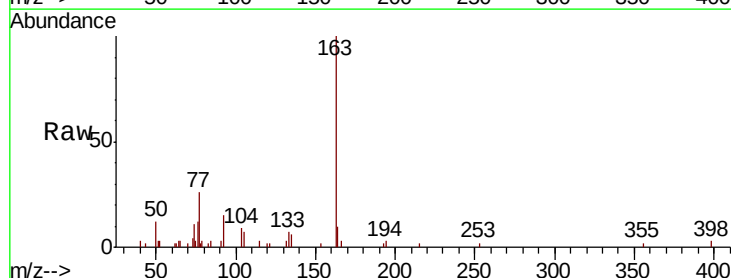
RT: 14.30 min Scan# 1866

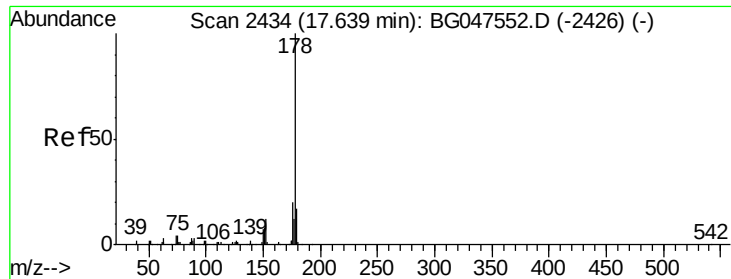
Delta R.T. 0.00 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Tgt Ion:	163	Resp:	12871
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.6	5.4#
164	10.1	8.0	12.0





#70

Phenanthrene

Concen: 5.787 ng/ul

RT: 17.65 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Instrument :

BNA_G

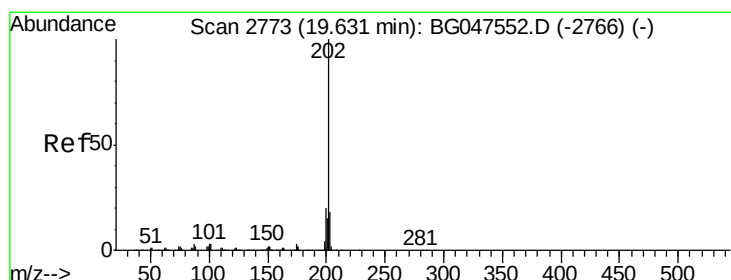
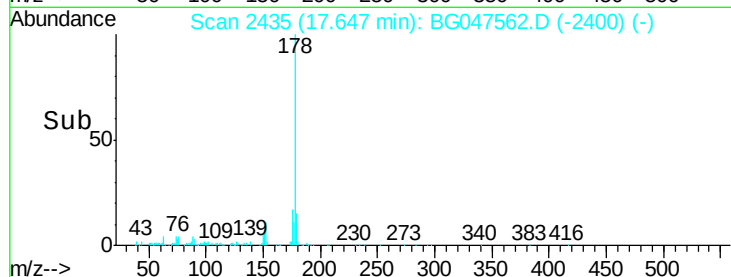
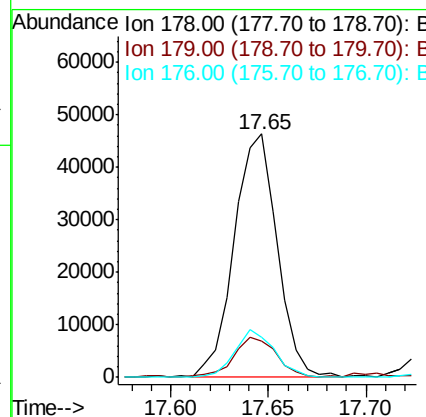
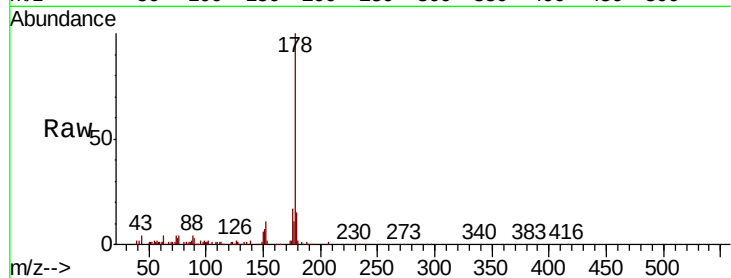
ClientSampleId :

CB7Z4

Tot Ion:	178	Resp:	70722
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	16.6	15.0	22.4

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#77

Fluoranthene

Concen: 8.692 ng/ul

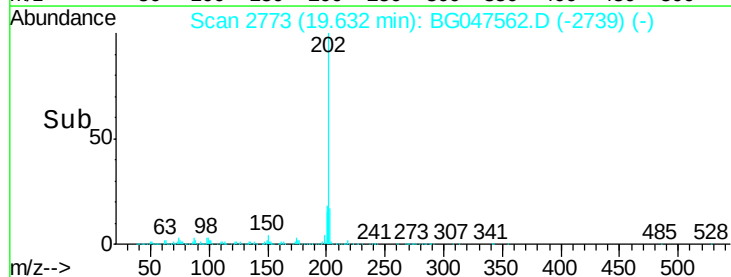
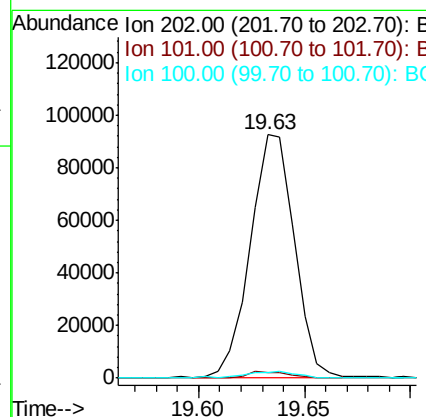
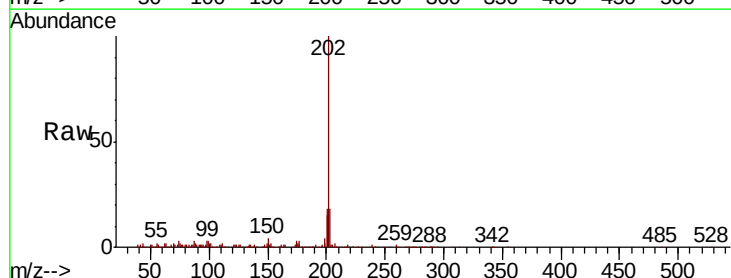
RT: 19.63 min Scan# 2773

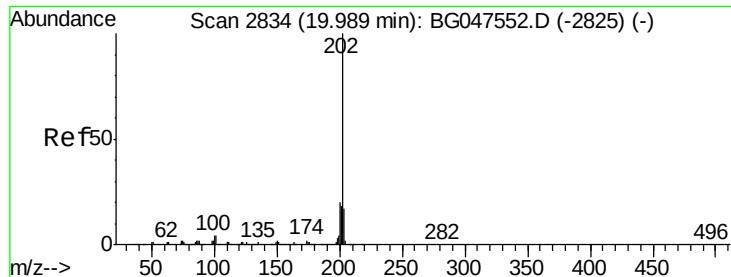
Delta R.T. 0.00 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Tgt Ion:	202	Resp:	134152
Ion Ratio	Lower	Upper	
202	100		
101	2.1	2.8	4.2#
100	2.0	2.6	3.8#





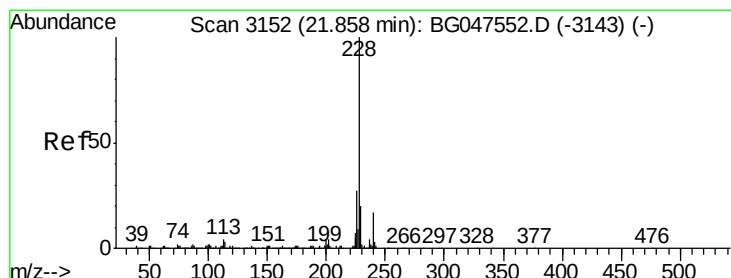
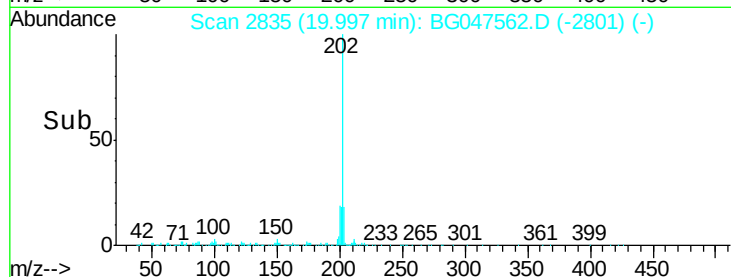
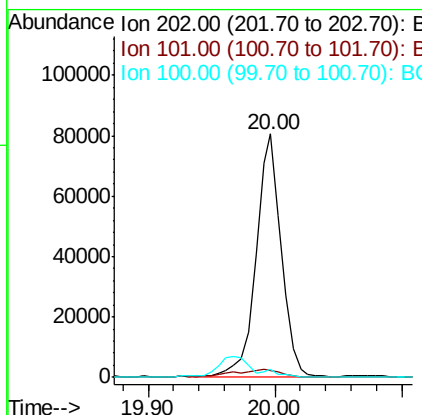
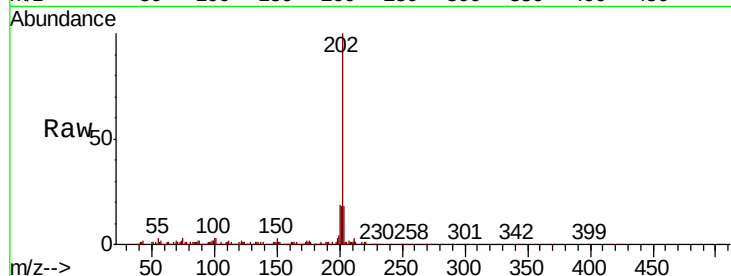
#80
Pvrene
Concen: 8.068 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BG047562.D
Acq: 4 Dec 2020 7:33

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.8	3.8	5.6#
100	3.4	2.2	3.4#

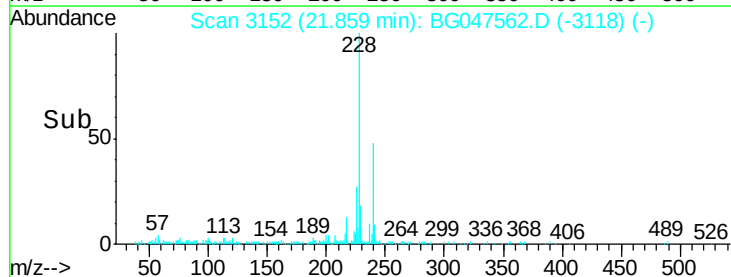
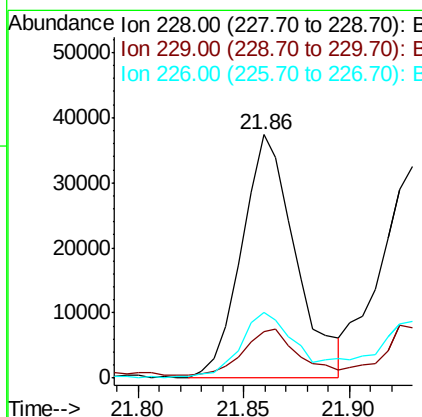
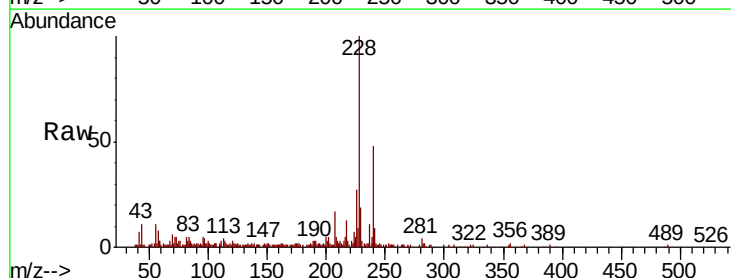
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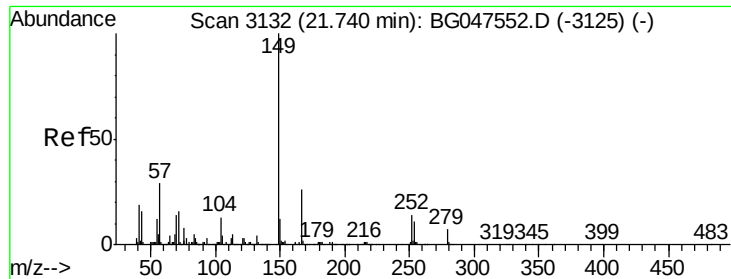
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#83
Benzo(a)anthracene
Concen: 4.789 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG047562.D
Acq: 4 Dec 2020 7:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.3	14.7	22.1
226	27.1	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.257 ng/ul

RT: 21.75 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Instrument :

BNA_G

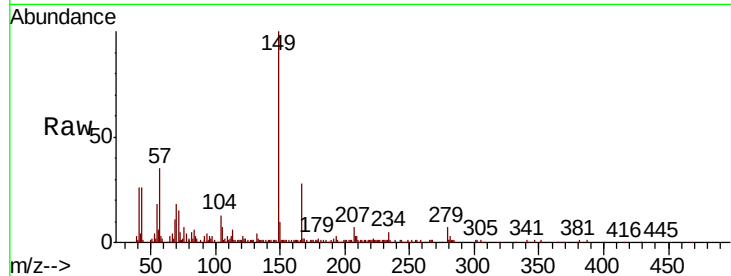
ClientSampled :

CB7Z4

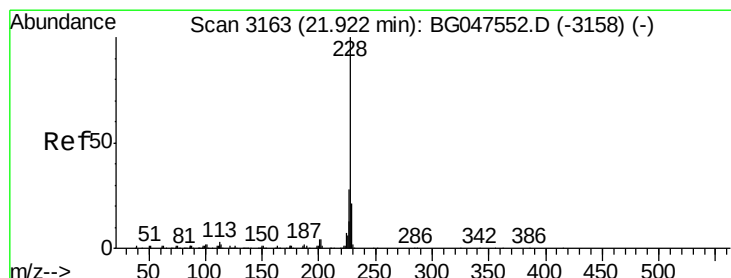
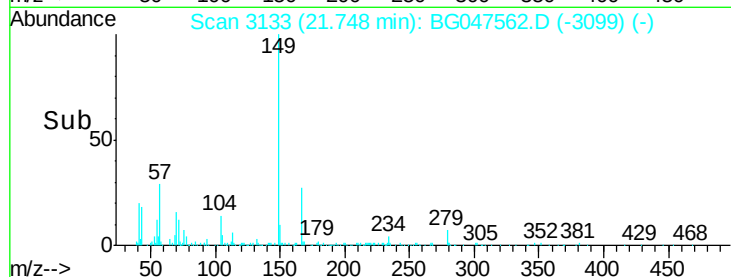
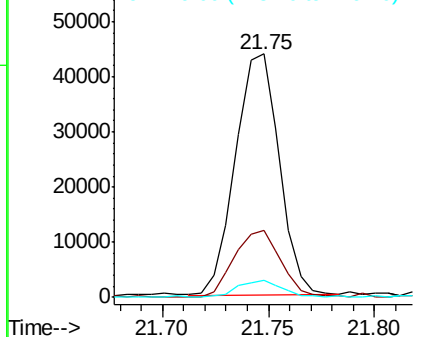
Tot Ion:	149	Resp:	62877
Ion Ratio	Lower	Upper	
149	100		
167	27.5	20.9	31.3
279	6.9	5.2	7.8

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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: 4.528 ng/ul m

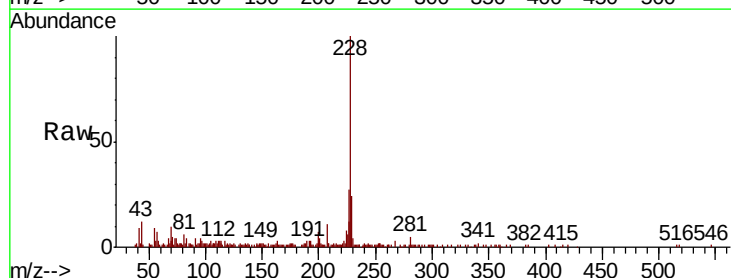
RT: 21.93 min Scan# 3164

Delta R.T. 0.00 min

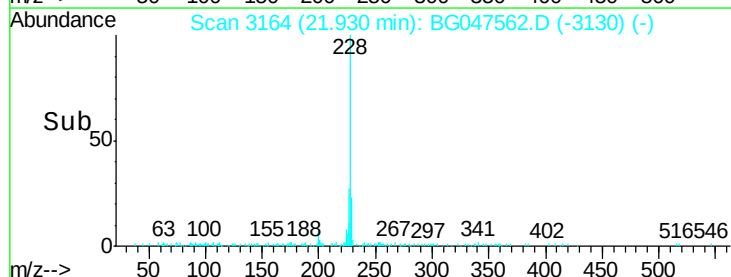
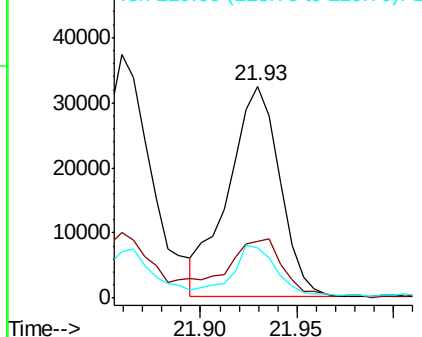
Lab File: BG047562.D

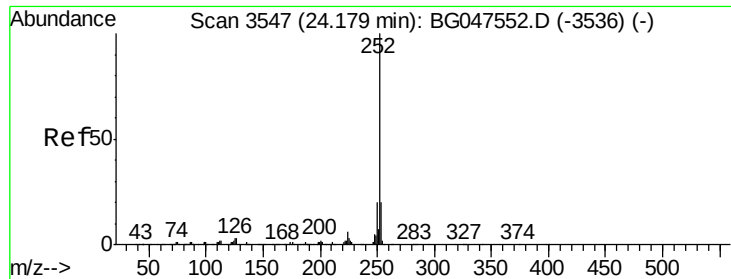
Acq: 4 Dec 2020 7:33

Tgt Ion:	228	Resp:	60051
Ion Ratio	Lower	Upper	
228	100		
226	26.8	23.8	35.6
229	24.0	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: 6.010 ng/ul

RT: 24.19 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Instrument :

BNA_G

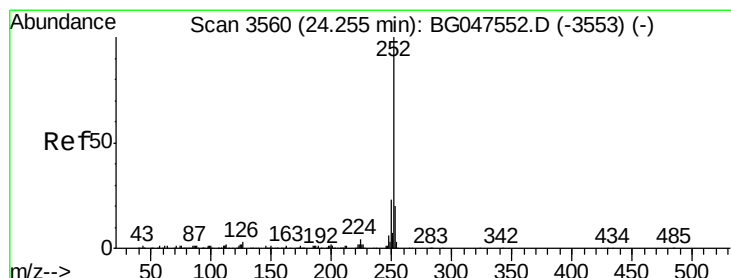
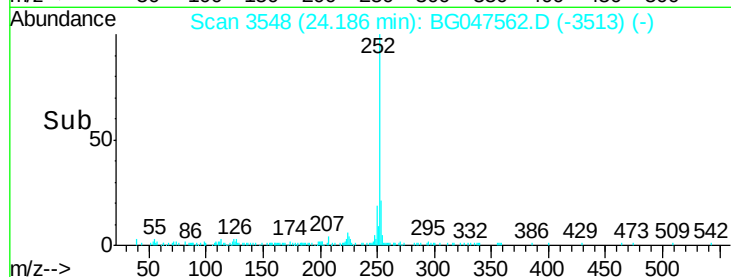
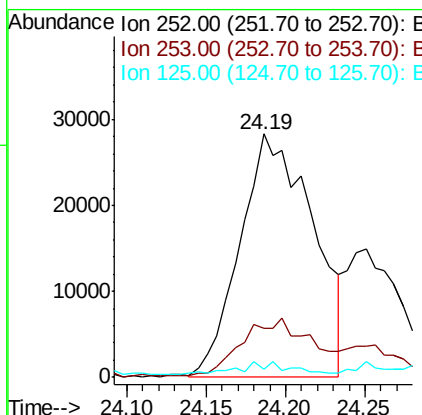
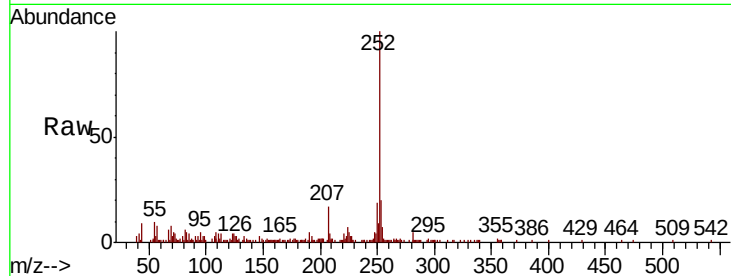
ClientSampleId :

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Tot Ion:	252	Resp:	90378
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.9	26.9
125	3.1	2.4	3.6

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#89

Benzo(k)fluoranthene

Concen: 2.315 ng/ul m

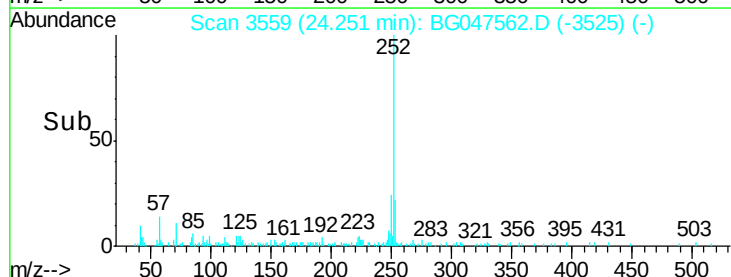
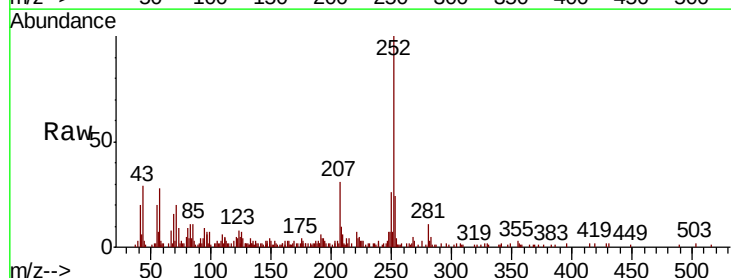
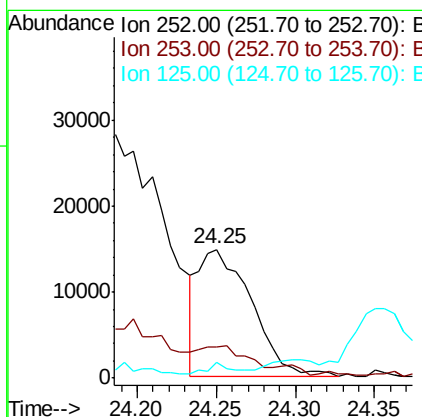
RT: 24.25 min Scan# 3559

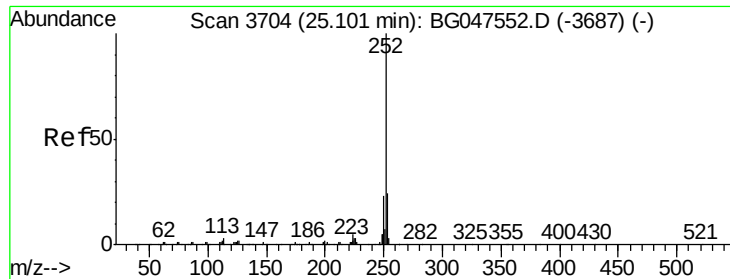
Delta R.T. 0.00 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Tgt Ion:	252	Resp:	34301
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.0	28.4
125	7.0	2.2	3.4#





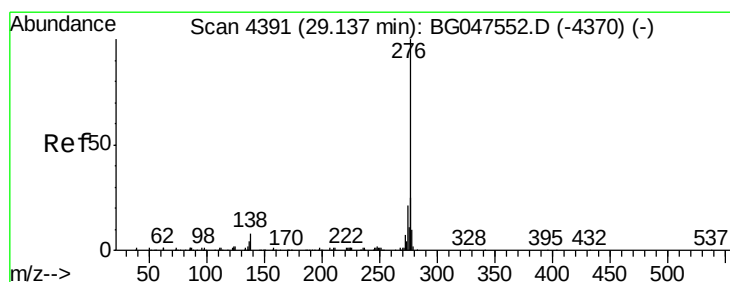
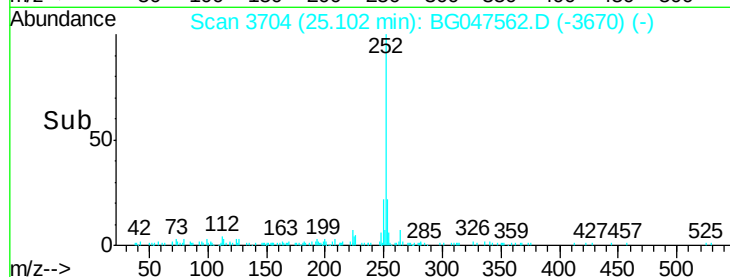
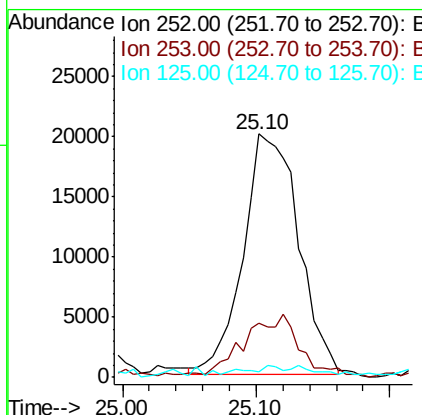
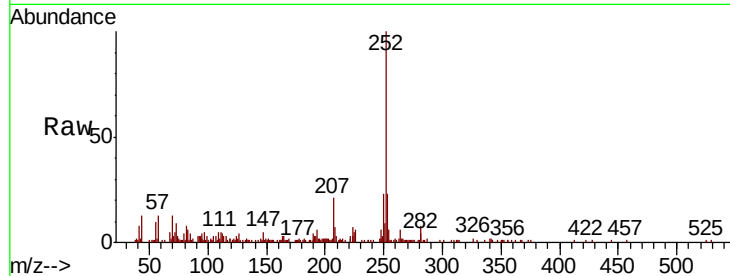
#91
Benzo(a)pyrene
Concen: 4.272 ng/ul
RT: 25.10 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BG047562.D
Acq: 4 Dec 2020 7:33

Instrument :
BNA_G
ClientSampled :
CB7Z4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	2.2	2.3	3.5#

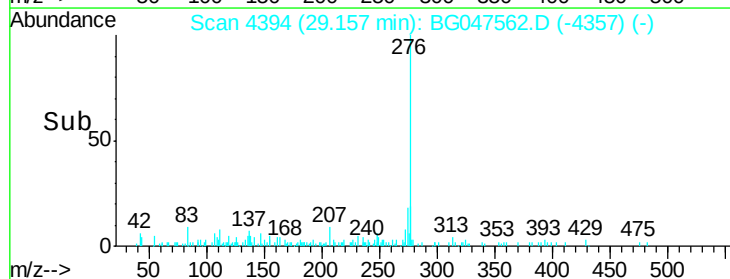
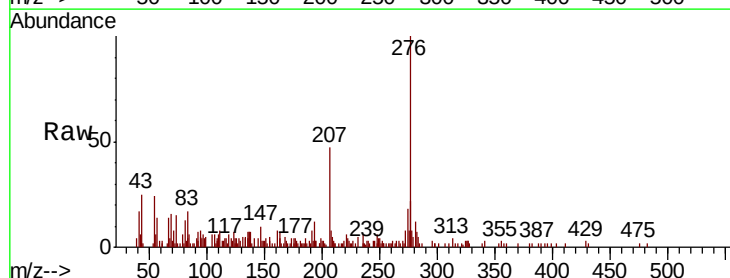
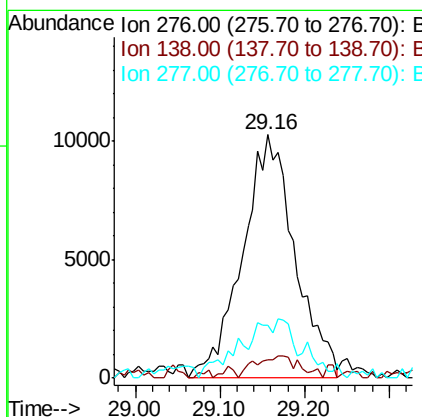
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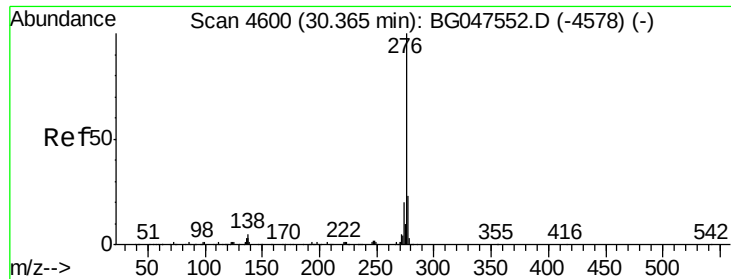
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.708 ng/ul m
RT: 29.16 min Scan# 4394
Delta R.T. 0.02 min
Lab File: BG047562.D
Acq: 4 Dec 2020 7:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	3.7	5.5#
277	21.8	18.2	27.4





#94

Benzo(a,h,i)perylene

Concen: 3.124 ng/ul m

RT: 30.39 min Scan# 4604

Delta R.T. 0.03 min

Lab File: BG047562.D

Acq: 4 Dec 2020 7:33

Instrument :

BNA_G

ClientSampleId :

CB7Z4

Tot Ion: 276 Resp: 42024

Ion Ratio Lower Upper

276 100

138 4.7 3.6 5.4

277 20.4 17.5 26.3

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