

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047560.D
 Acq On : 4 Dec 2020 6:13
 Operator : CG/JU
 Sample : L4855-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z2

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:24 PM

Quant Time: Dec 04 07:02:16 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	34344	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	132762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	103524	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	257223	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	220753	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	238208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	3831	4.06	ng/uL	0.00
5) Phenol-d5	7.39	99	90616	26.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	49983	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	69494	30.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	70888	26.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	34420	31.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	41281	34.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	84371	30.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	72344	26.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	253425	28.52	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	312141	30.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	43667	32.20	ng/ul	0.00
58) Fluorene-d10	15.85	176	242879	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	42369	28.94	ng/ul	0.00
71) Anthracene-d10	17.70	188	371843	29.14	ng/ul	0.00
79) Pyrene-d10	19.97	212	392923	30.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	402265	29.34	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	7.41	94	4162	1.261	ng/ul# 78
45) Dimethylphthalate	14.30	163	11958	1.319	ng/ul# 96
70) Phenanthrene	17.65	178	61378	4.419	ng/ul 98
77) Fluoranthene	19.63	202	129758	7.397	ng/ul 99
80) Pyrene	20.00	202	106029	6.781	ng/ul# 96
81) Butylbenzylphthalate	20.86	149	8421	1.533	ng/ul 86
83) Benzo(a)anthracene	21.86	228	58860	3.747	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.75	149	75628	9.879	ng/ul 98
85) Chrysene	21.92	228	58280	3.899	ng/ul 98
88) Benzo(b)fluoranthene	24.19	252	89213m	5.304	ng/ul
89) Benzo(k)fluoranthene	24.25	252	28959	1.747	ng/ul# 96
91) Benzo(a)pyrene	25.11	252	56620	3.776	ng/ul# 92
92) Indeno(1,2,3-cd)pyrene	29.16	276	41279m	2.263	ng/ul
94) Benzo(g,h,i)perylene	30.38	276	40099m	2.665	ng/ul

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

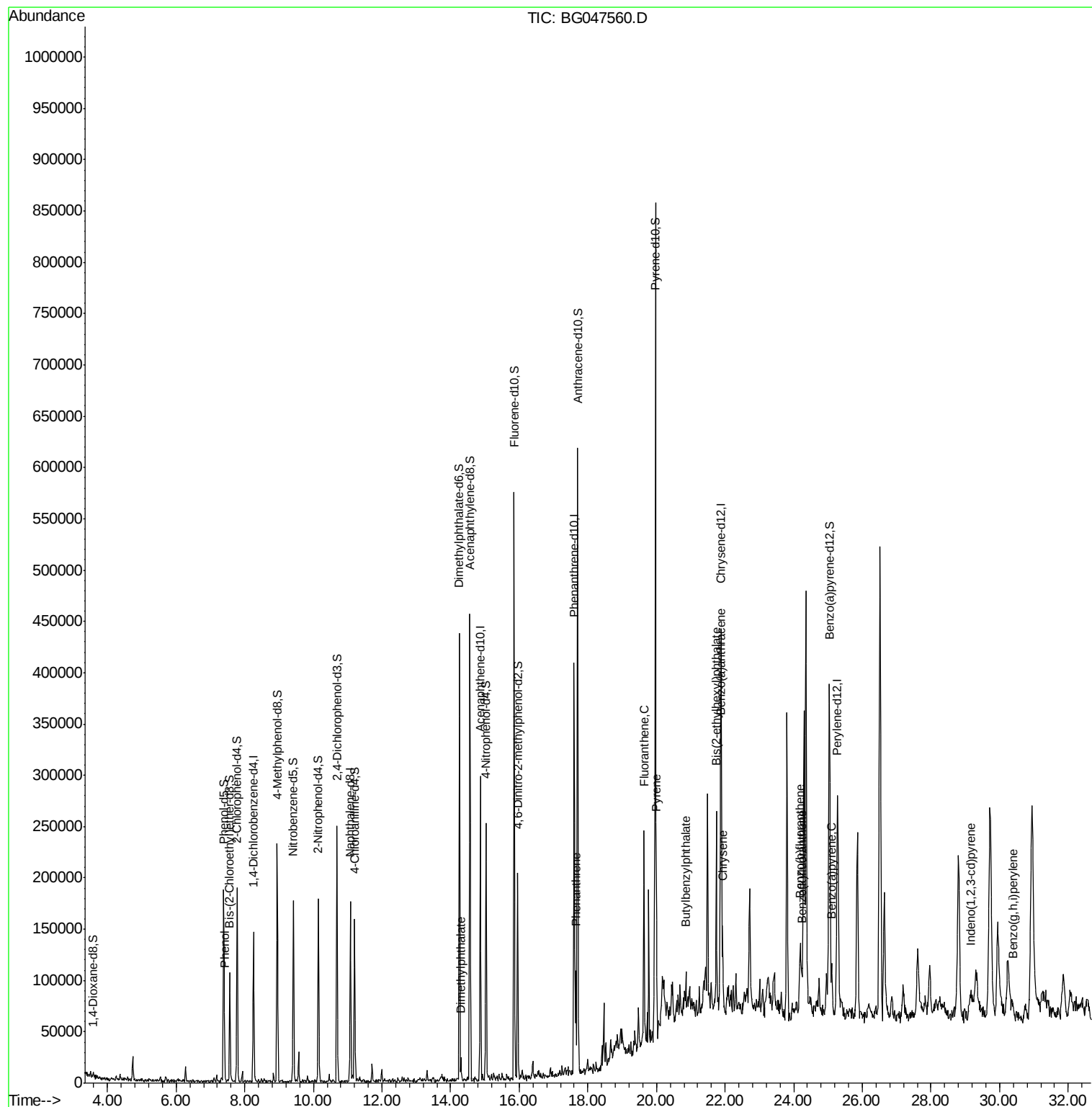
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047560.D
Acq On : 4 Dec 2020 6:13
Operator : CG/JU
Sample : L4855-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

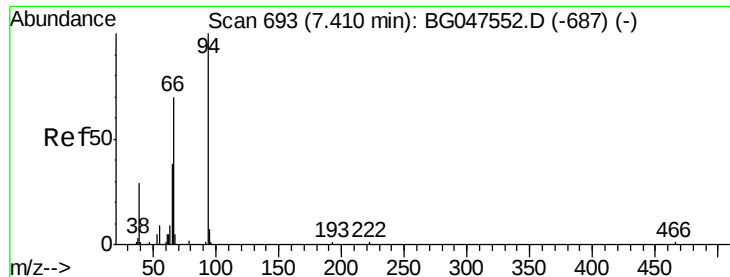
Instrument :
BNA_G
ClientSampleId :
CB7Z2

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Quant Time: Dec 04 07:02:16 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: 1.261 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

Instrument :

BNA_G

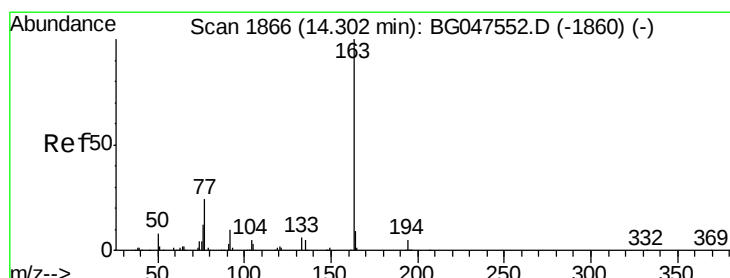
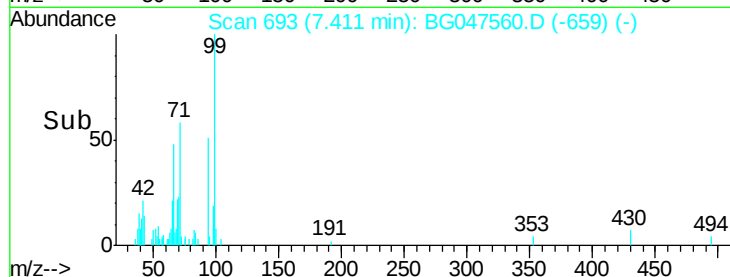
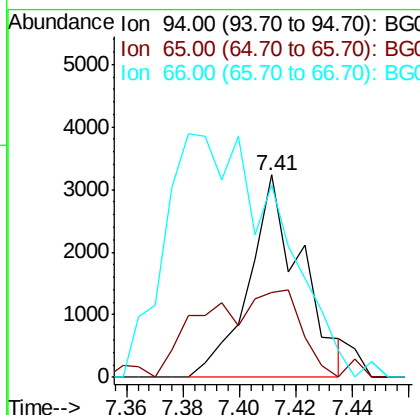
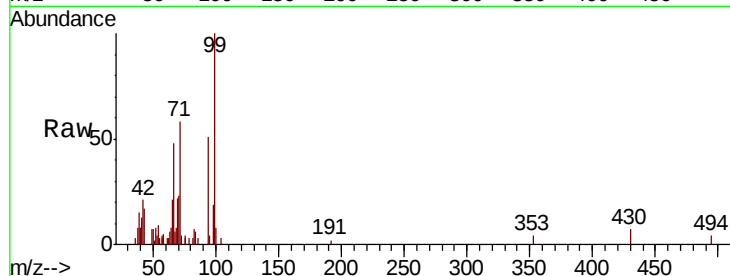
ClientSampleId :

CB7Z2

Tot Ion:	94	Resp:	4162
Ion	Ratio	Lower	Upper
94	100		
65	41.8	33.8	50.6
66	94.8	53.5	80.3#

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#45

Dimethylphthalate

Concen: 1.319 ng/ul

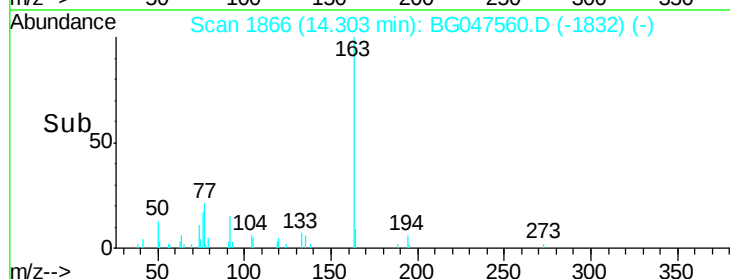
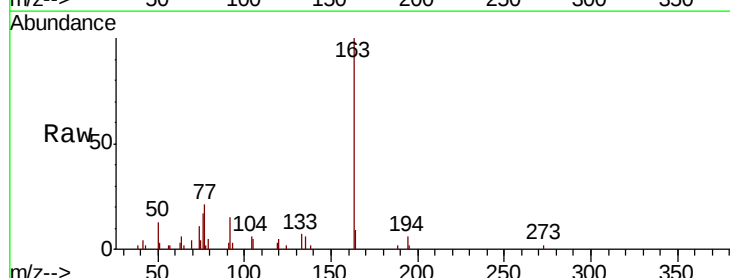
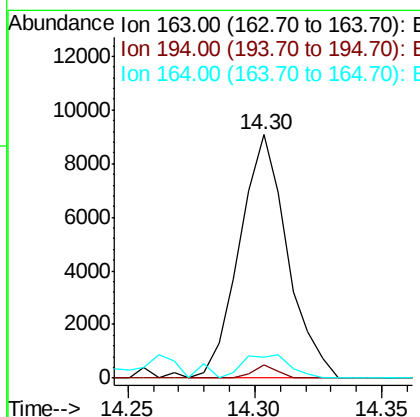
RT: 14.30 min Scan# 1866

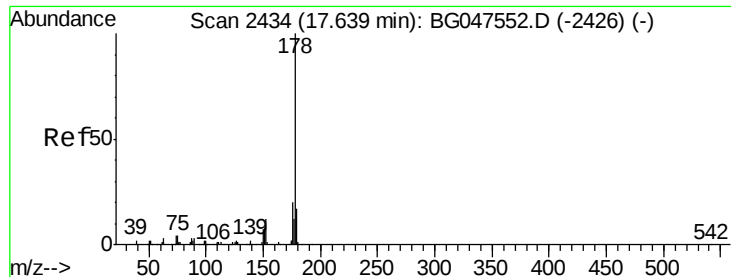
Delta R.T. 0.00 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

Tgt Ion:	163	Resp:	11958
Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	8.6	8.0	12.0





#70

Phenanthrene

Concen: 4.419 ng/ul

RT: 17.65 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

Instrument :

BNA_G

ClientSampled :

CB7Z2

Tot Ion:178 Resp: 61378

Ion Ratio Lower Upper

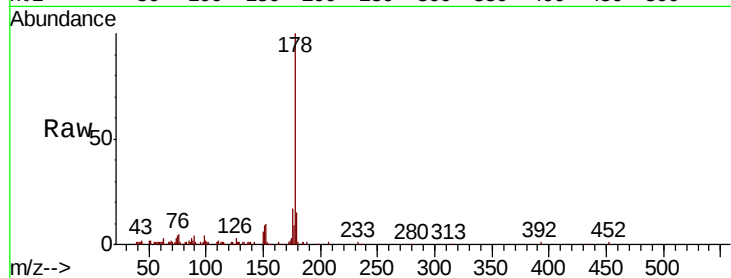
178 100

179 14.6 12.3 18.5

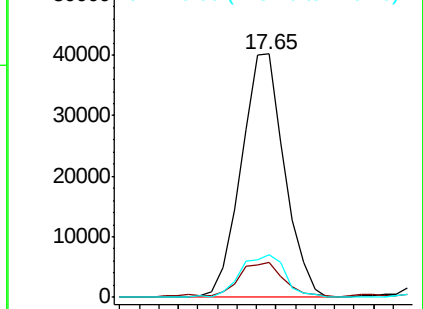
176 17.4 15.0 22.4

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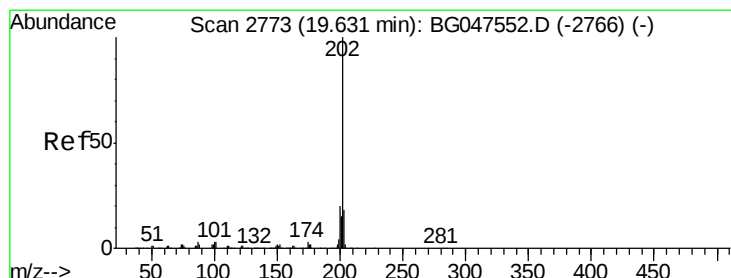
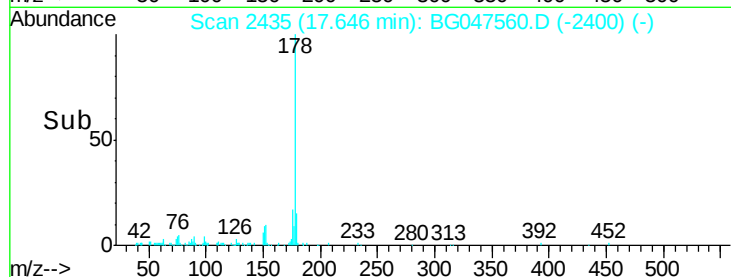
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 7.397 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

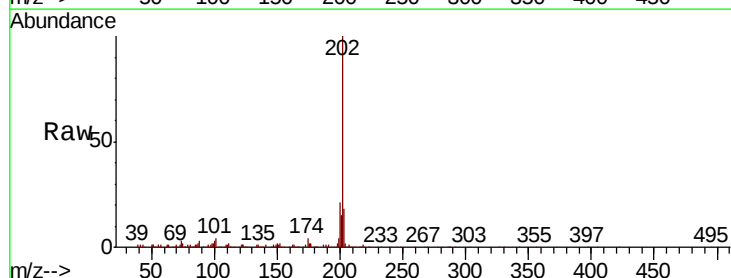
Tgt Ion:202 Resp: 129758

Ion Ratio Lower Upper

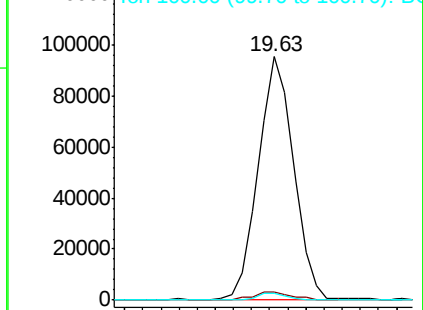
202 100

101 3.5 2.8 4.2

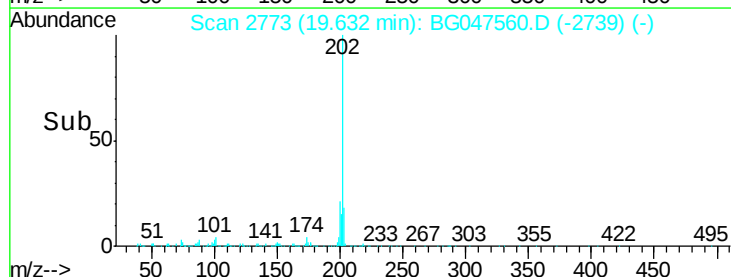
100 2.7 2.6 3.8

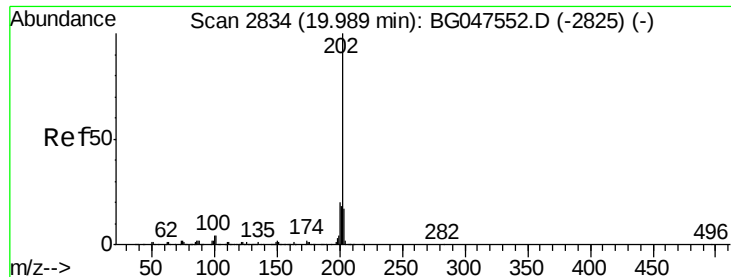


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





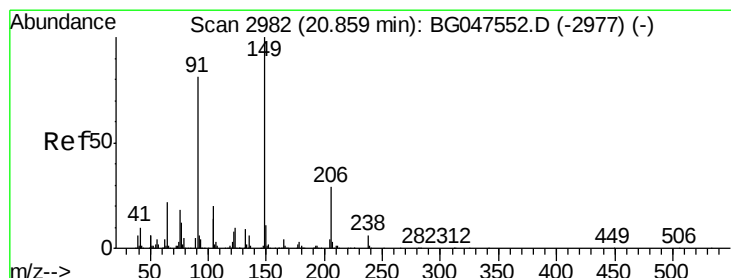
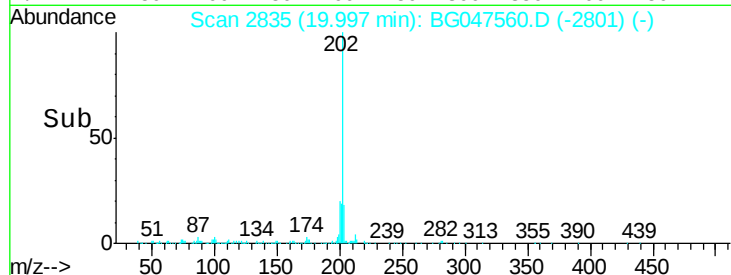
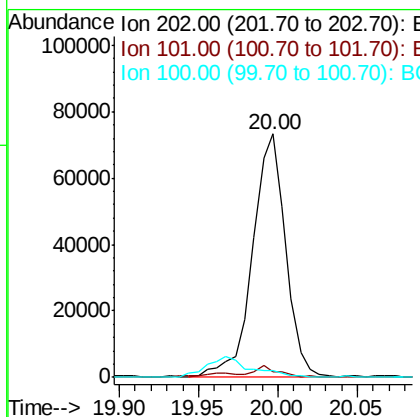
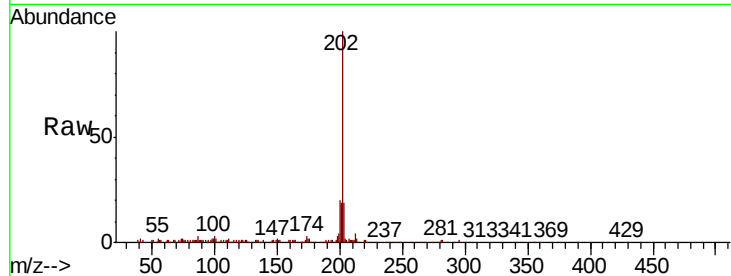
#80
Pvrene
Concen: 6.781 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
CB7Z2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.4	3.8	5.6#
100	2.8	2.2	3.4

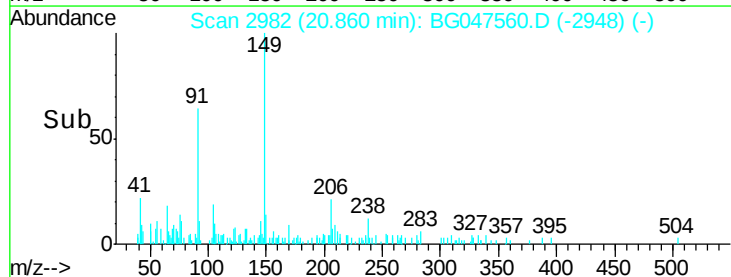
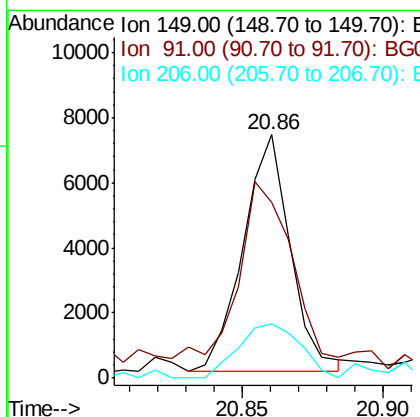
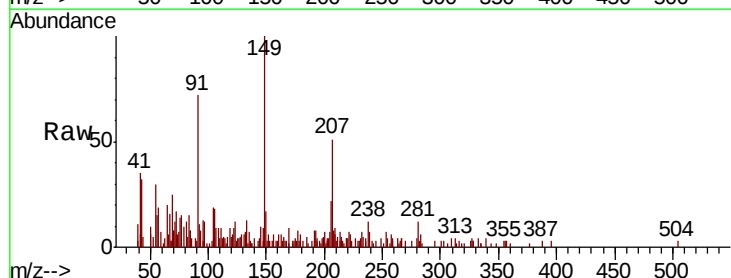
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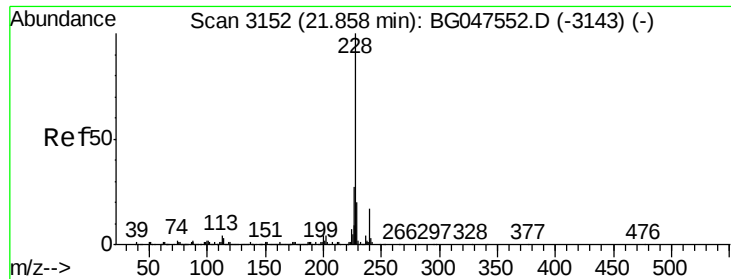
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#81
Butylbenzylphthalate
Concen: 1.533 ng/ul
RT: 20.86 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	72.4	69.8	104.8
206	22.3	20.2	30.2





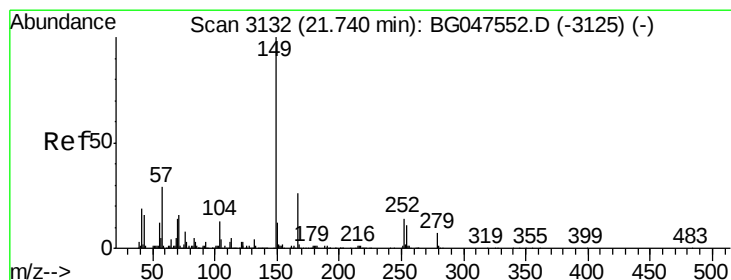
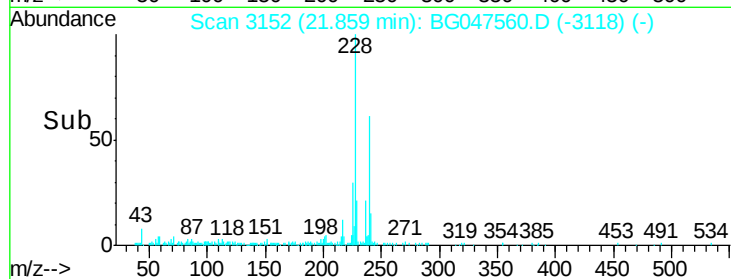
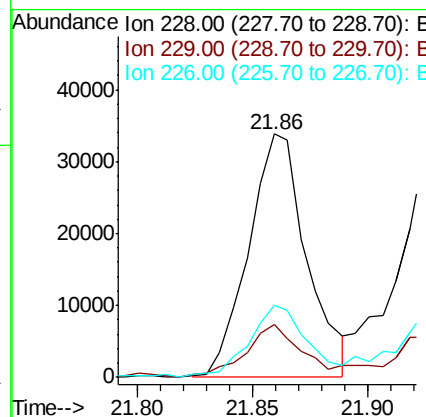
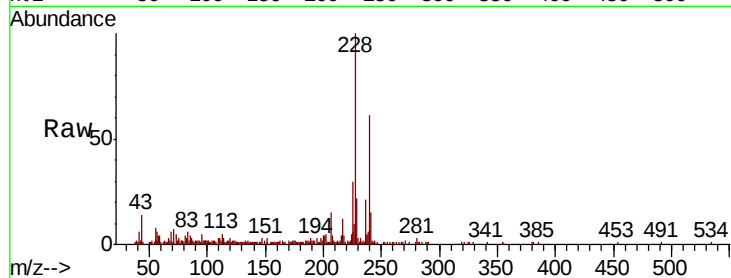
#83
Benzo(a)anthracene
Concen: 3.747 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
CB7Z2

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	14.7	22.1
226	29.6	21.6	32.4

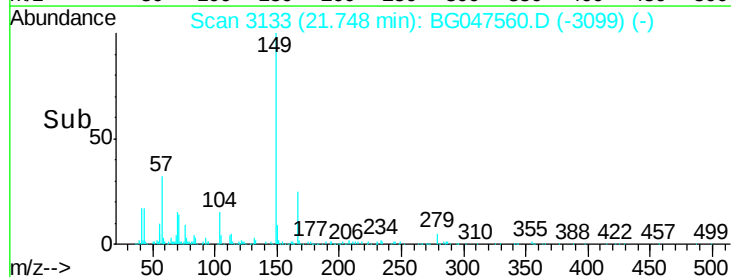
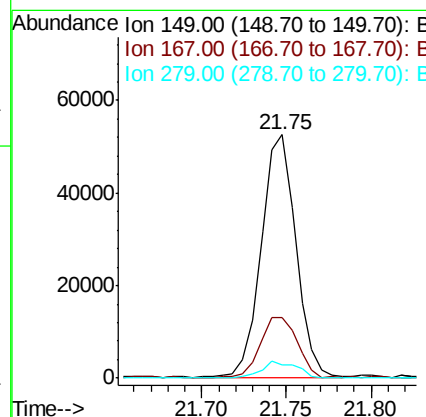
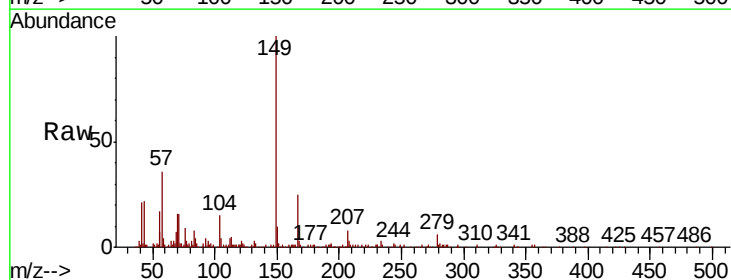
Manual Integrations
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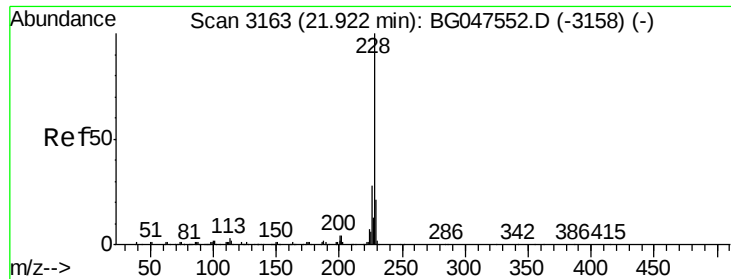
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.879 ng/ul
RT: 21.75 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.9	31.3
279	5.6	5.2	7.8





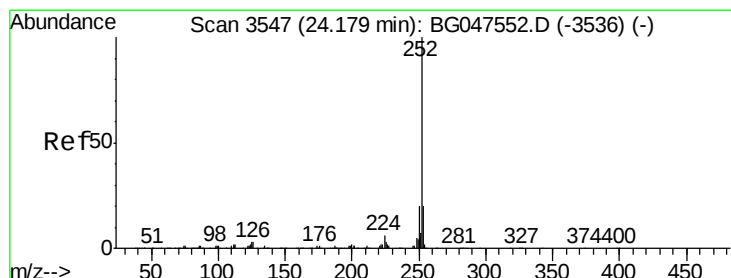
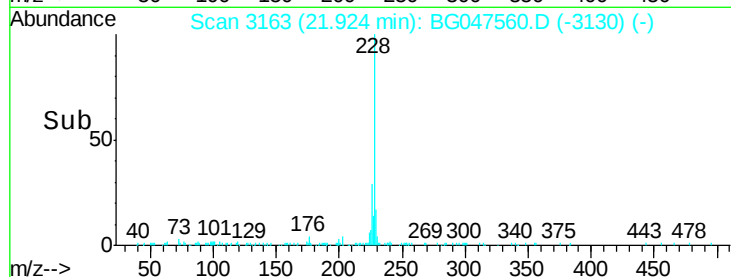
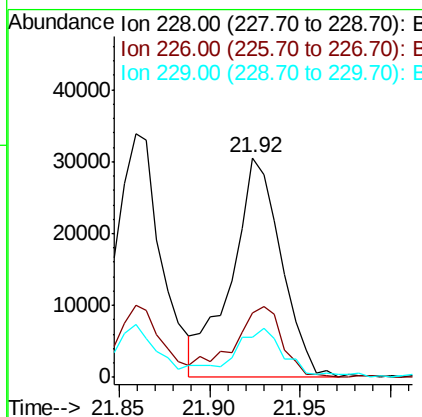
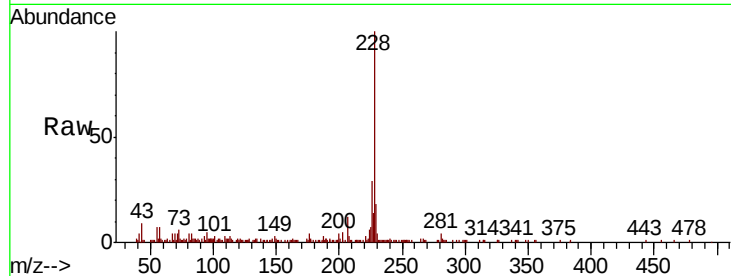
#85
Chrysene
Concen: 3.899 ng/ul
RT: 21.92 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
CB7Z2

Tot Ion:	228	Resp:	58280
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.6
229	18.3	15.5	23.3

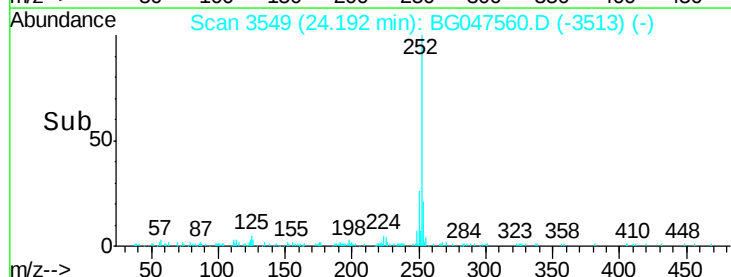
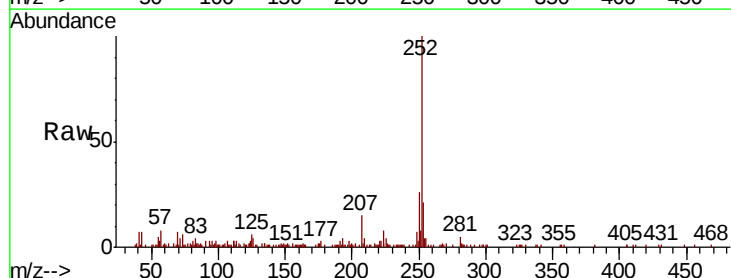
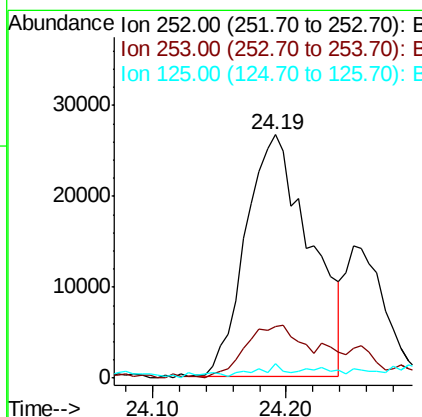
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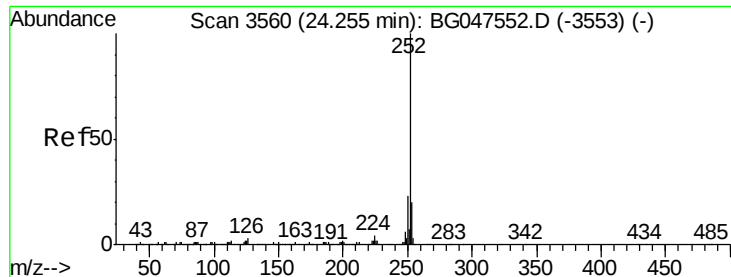
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#88
Benzo(b)fluoranthene
Concen: 5.304 ng/ul m
RT: 24.19 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Tgt Ion:	252	Resp:	89213
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	6.0	2.4	3.6#





#89

Benzo(k)fluoranthene

Concen: 1.747 ng/ul

RT: 24.25 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

Instrument :

BNA_G

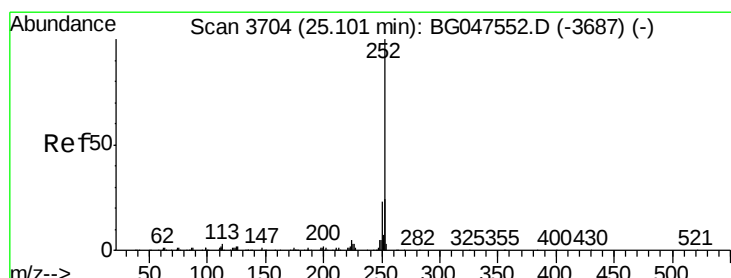
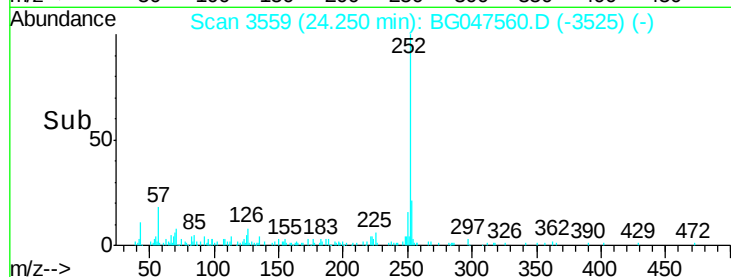
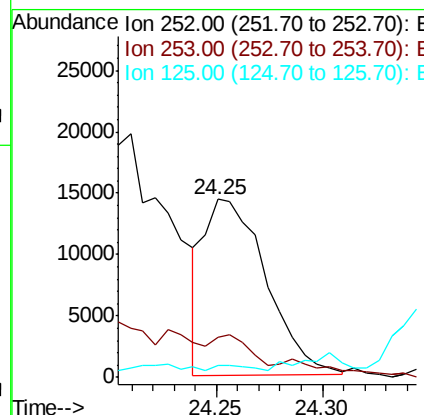
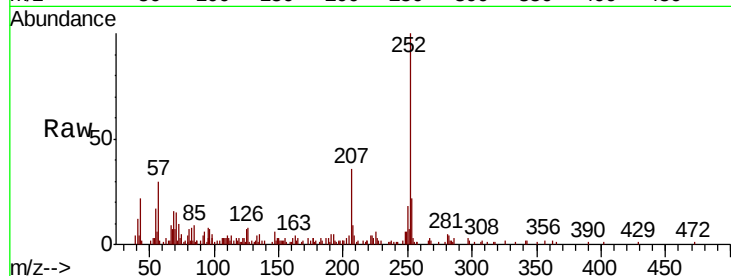
ClientSampled :

CB7Z2

Tot Ion:	252	Resp:	28959
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.0	28.4
125	6.7	2.2	3.4#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 3.776 ng/ul

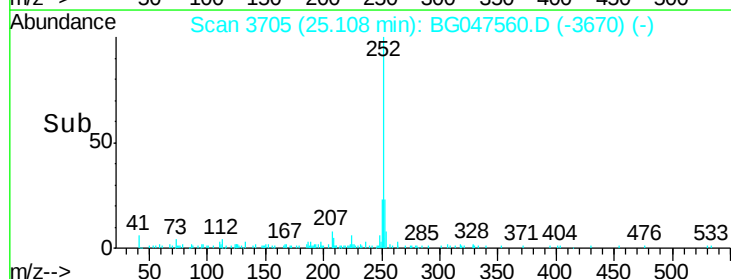
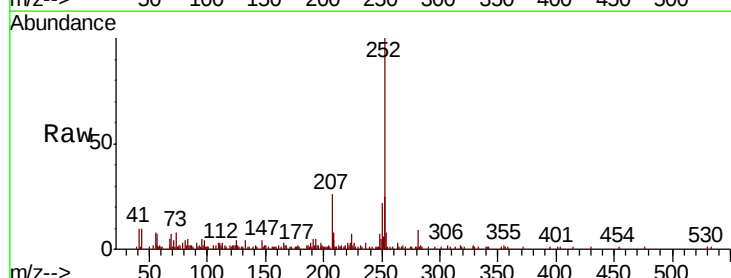
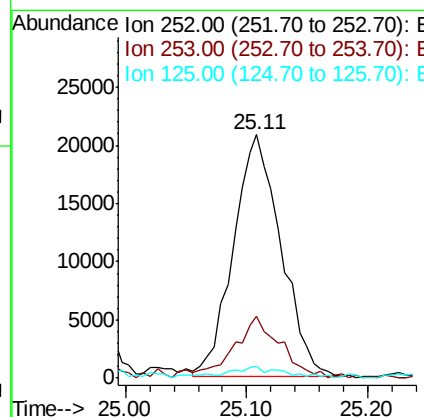
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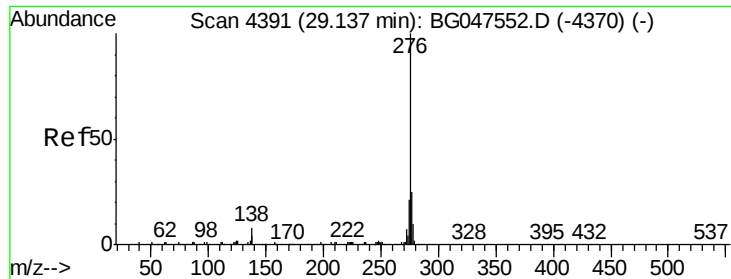
Delta R.T. 0.01 min

Lab File: BG047560.D

Acq: 4 Dec 2020 6:13

Tgt Ion:	252	Resp:	56620
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.3	25.9
125	5.2	2.3	3.5#





#92

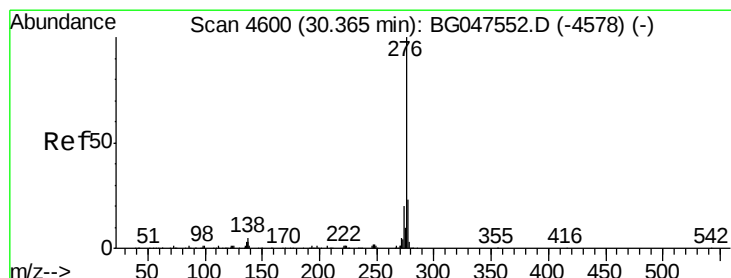
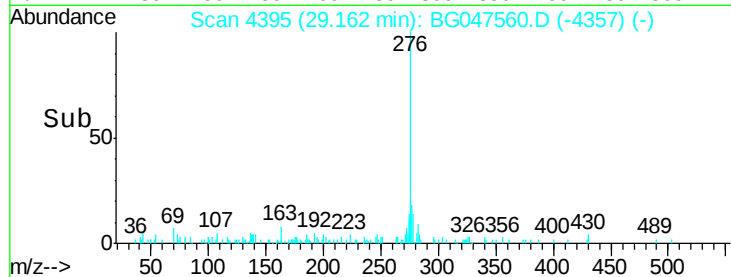
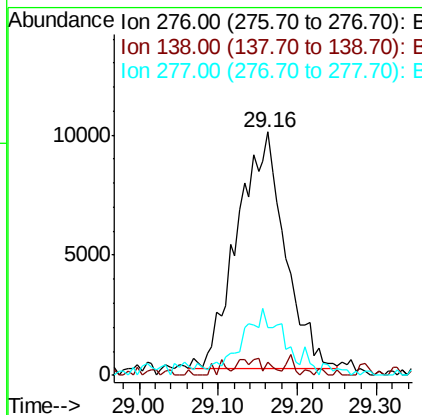
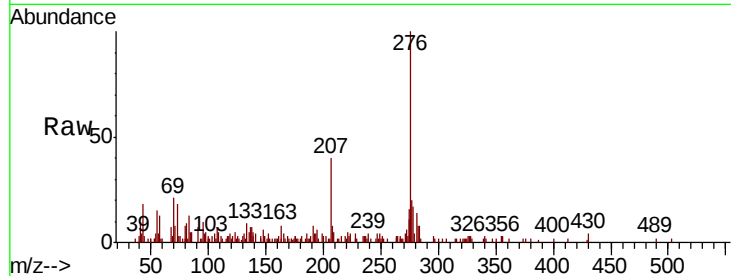
Indeno(1,2,3-cd)pyrene
Concen: 2.263 ng/ul m
RT: 29.16 min Scan# 4395
Delta R.T. 0.03 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
CB7Z2

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.4	3.7	5.5
277	19.7	18.2	27.4

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:24 PM



#94

Benzo(g,h,i)perylene
Concen: 2.665 ng/ul m
RT: 30.38 min Scan# 4602
Delta R.T. 0.01 min
Lab File: BG047560.D
Acq: 4 Dec 2020 6:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.9	3.6	5.4#
277	22.5	17.5	26.3

