

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047605.D
 Acq On : 5 Dec 2020 14:33
 Operator : CG/JU
 Sample : L4859-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Manual Integrations
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mohammad
 12/7/2020 2:01:22 PM

Quant Time: Dec 07 05:43:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	30027m	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	121488	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	95078	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	235563	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	215573	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	232579	20.00	ng/ul	-0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	1406m	1.70	ng/uL	-0.03
5) Phenol-d5	7.38	99	31130	10.34	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	17368	10.11	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	23765	11.77	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	21000m	9.07	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	12102	12.06	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	15305	13.98	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.68	165	31015	12.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	17123	6.75	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	100858	12.36	ng/ul	-0.03
47) Acenaphthylene-d8	14.56	160	119556	12.67	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	10962	8.80	ng/ul	0.00
58) Fluorene-d10	15.85	176	94668	12.66	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	16256	12.12	ng/ul	-0.02
71) Anthracene-d10	17.70	188	145136	12.42	ng/ul	-0.02
79) Pyrene-d10	19.96	212	176138	14.04	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	172707	12.90	ng/ul	-0.03

Target Compounds				Ovalue		
6) Phenol	7.41	94	8073	2.798	ng/ul#	90
45) Dimethylphthalate	14.30	163	41473	4.981	ng/ul	98
70) Phenanthrene	17.64	178	56709	4.458	ng/ul	94
77) Fluoranthene	19.63	202	142959	8.899	ng/ul#	97
80) Pyrene	19.99	202	120145	7.868	ng/ul#	91
83) Benzo(a)anthracene	21.86	228	66010	4.304	ng/ul	95
85) Chrysene	21.92	228	66603m	4.563	ng/ul	
88) Benzo(b)fluoranthene	24.18	252	92170m	5.613	ng/ul	
89) Benzo(k)fluoranthene	24.24	252	37139	2.295	ng/ul	94
91) Benzo(a)pyrene	25.10	252	60502	4.133	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.14	276	46687m	2.622	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	39432m	2.684	ng/ul	

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

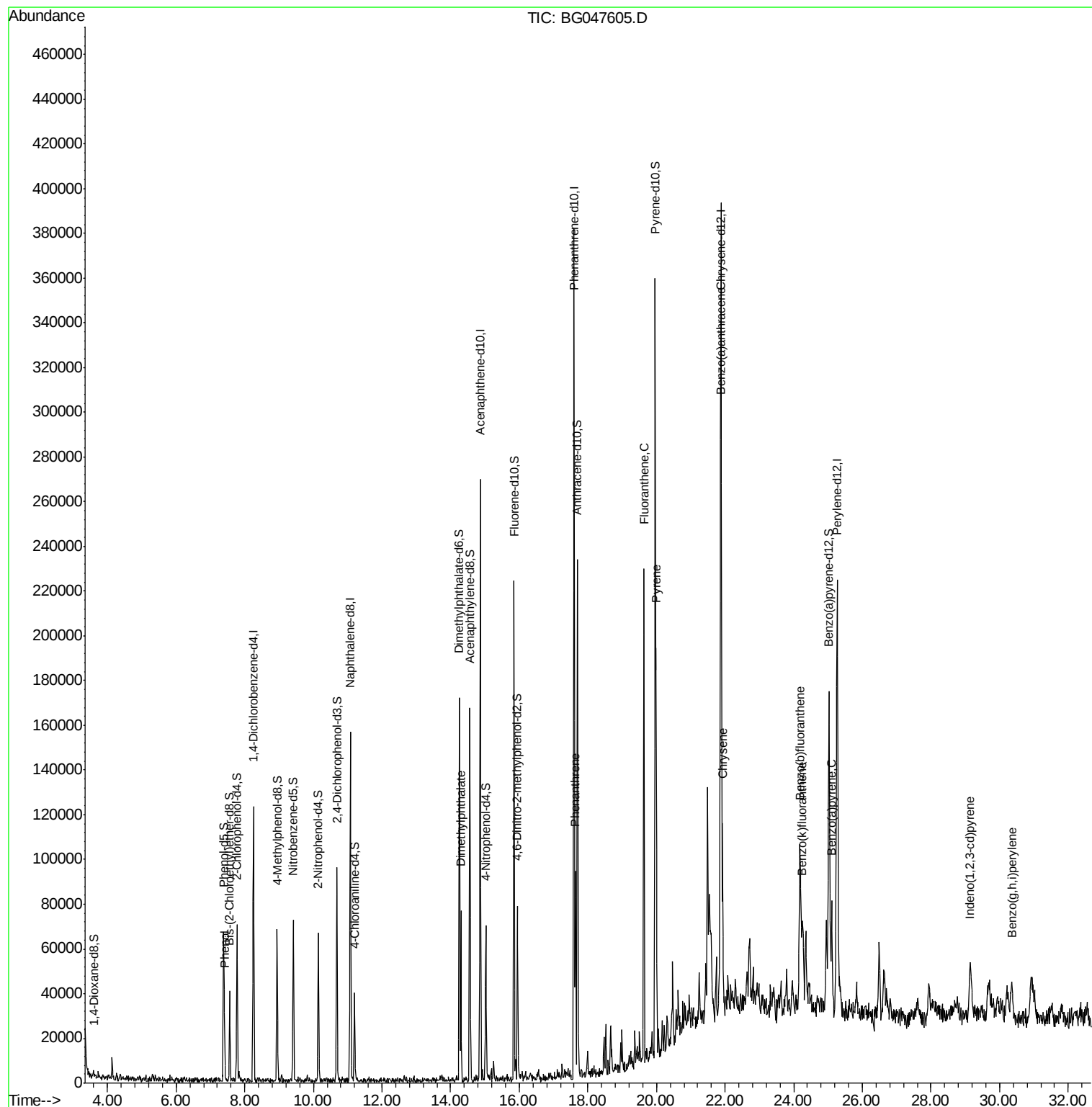
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047605.D
Acq On : 5 Dec 2020 14:33
Operator : CG/JU
Sample : L4859-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

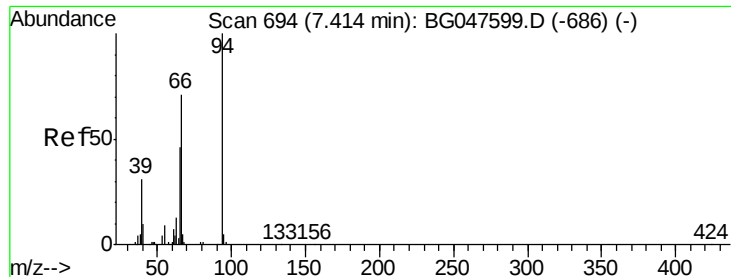
Instrument :
BNA_G
ClientSampleId :
C0B26

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Quant Time: Dec 07 05:43:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.798 ng/ul

RT: 7.41 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Instrument :

BNA_G

ClientSampleId :

C0B26

Tot Ion: 94 Resp: 8073

Ion Ratio Lower Upper

94 100

65 54.8 31.2 46.8#

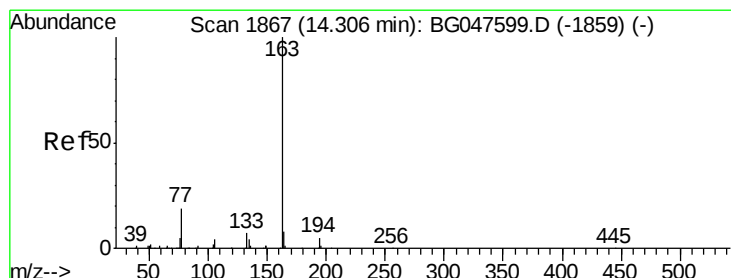
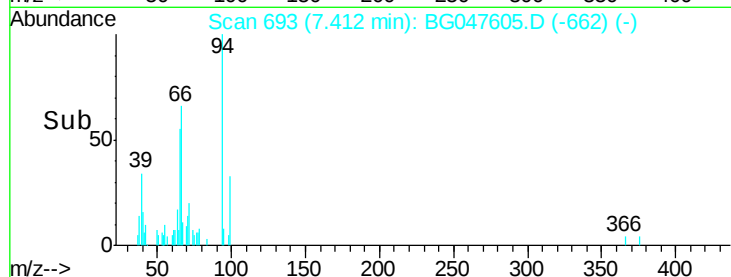
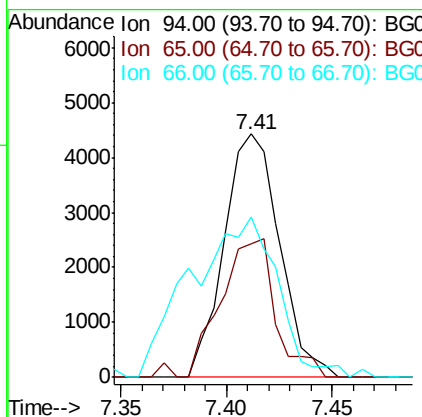
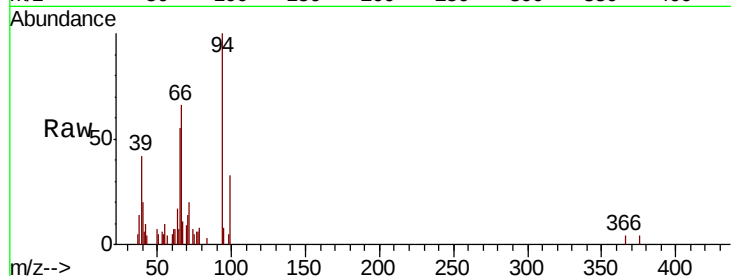
66 65.9 52.2 78.2

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#45

Dimethylphthalate

Concen: 4.981 ng/ul

RT: 14.30 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

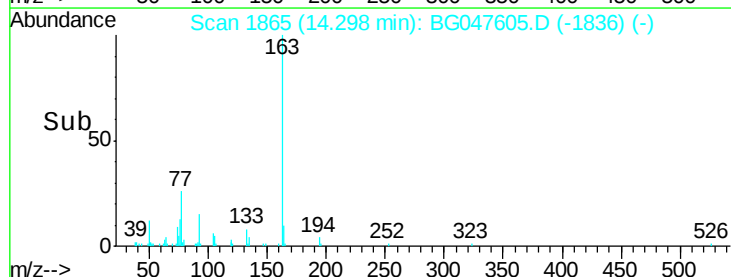
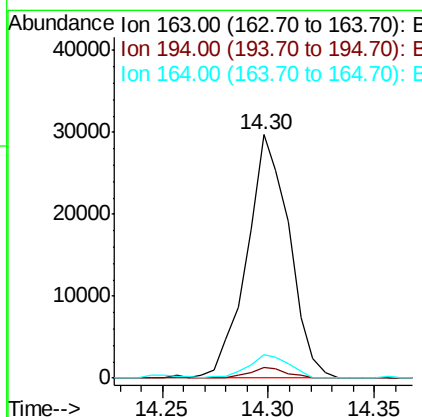
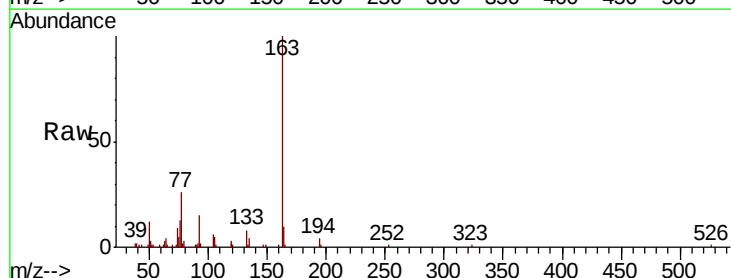
Tgt Ion:163 Resp: 41473

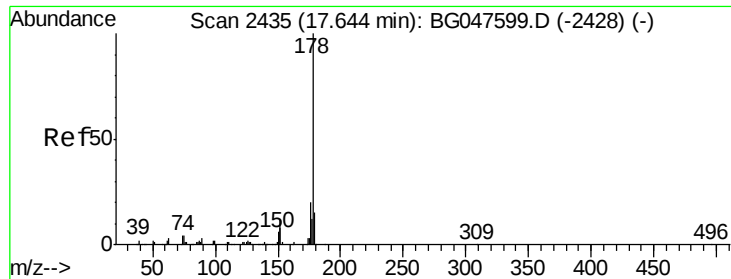
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 9.8 8.8 13.2





#70

Phenanthrene

Concen: 4.458 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.02 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Instrument :

BNA_G

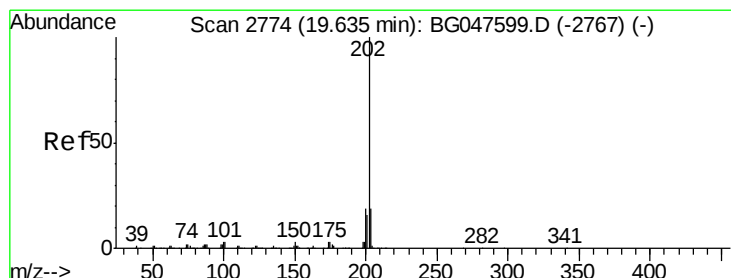
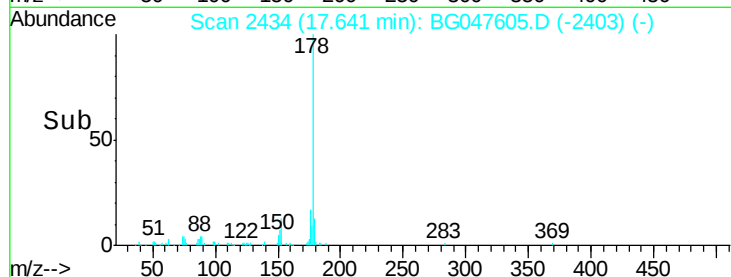
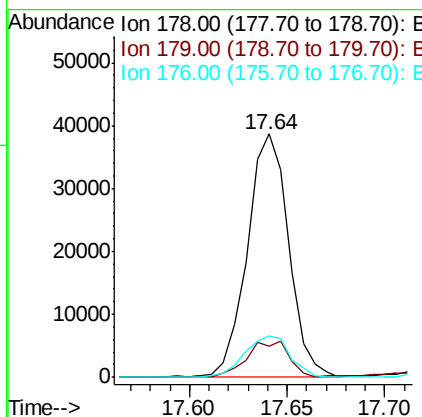
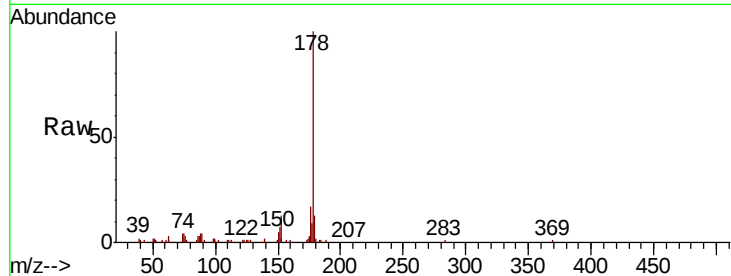
ClientSampled :

C0B26

Tot Ion:	178	Resp:	56709
Ion Ratio	Lower	Upper	
178	100		
179	12.9	12.8	19.2
176	16.9	15.7	23.5

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#77

Fluoranthene

Concen: 8.899 ng/ul

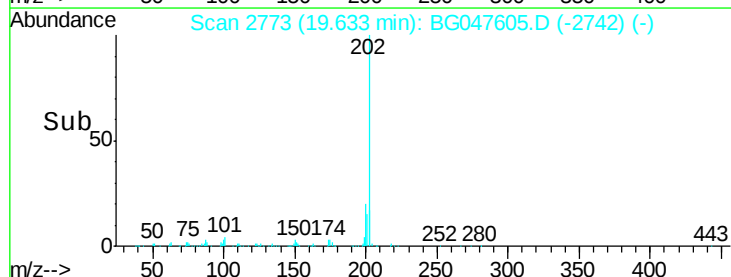
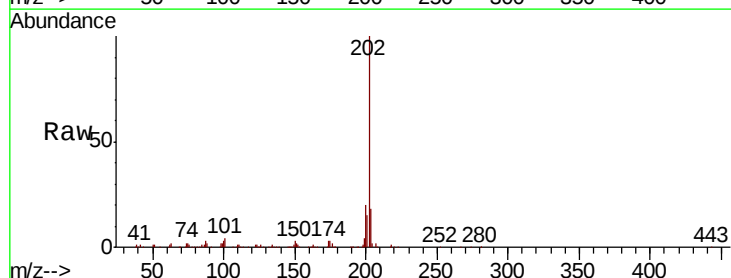
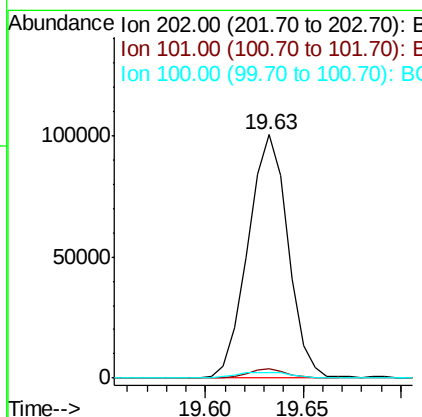
RT: 19.63 min Scan# 2773

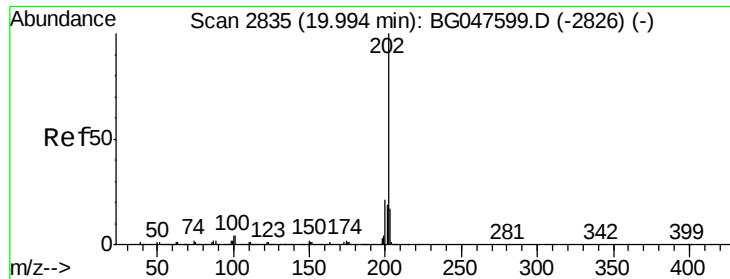
Delta R.T. -0.02 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Tgt Ion:	202	Resp:	142959
Ion Ratio	Lower	Upper	
202	100		
101	3.8	3.3	4.9
100	2.5	3.4	5.0#





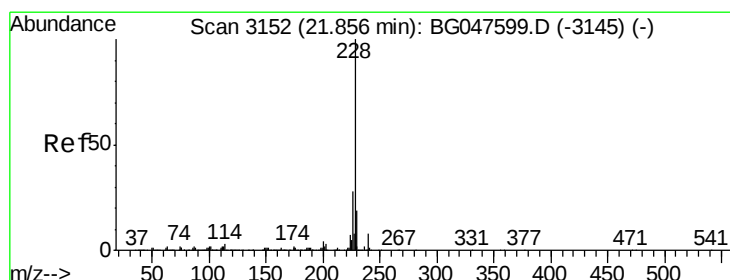
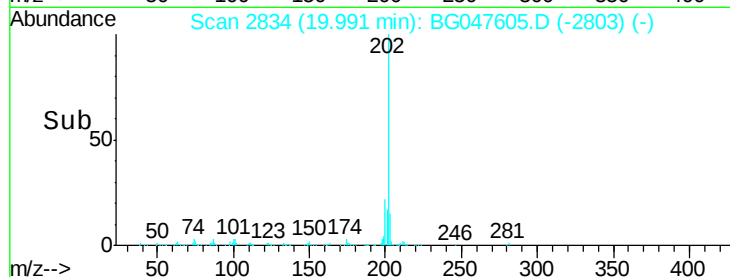
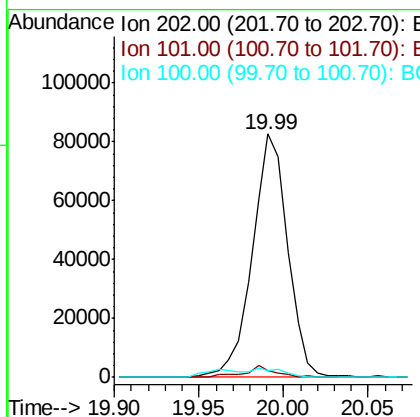
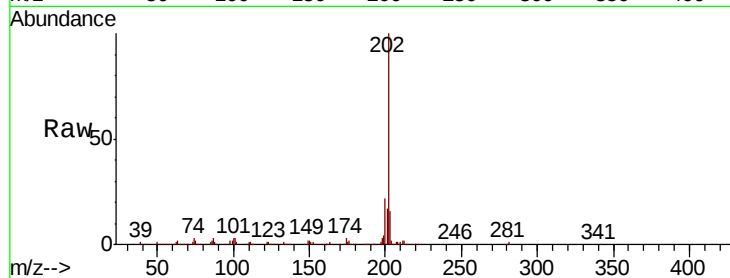
#80
Pvrene
Concen: 7.868 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BG047605.D
Acq: 5 Dec 2020 14:33

Instrument :
BNA_G
ClientSampleId :
C0B26

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.8	5.0	7.4#
100	2.9	4.6	7.0#

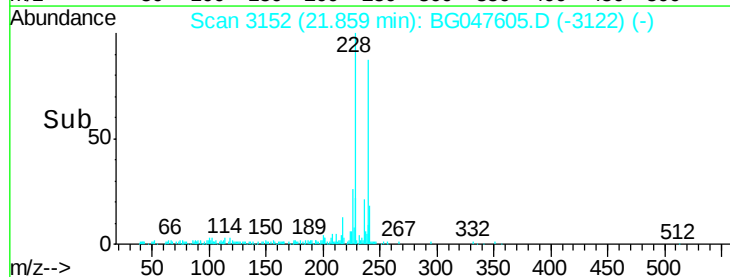
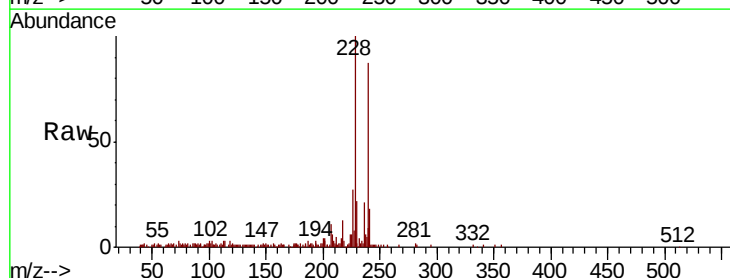
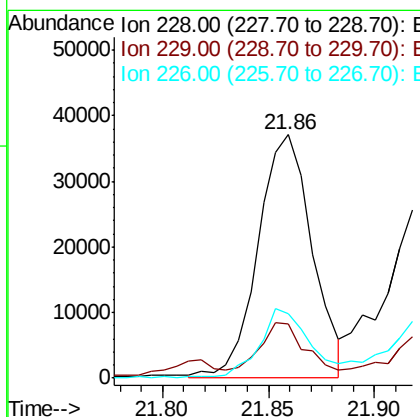
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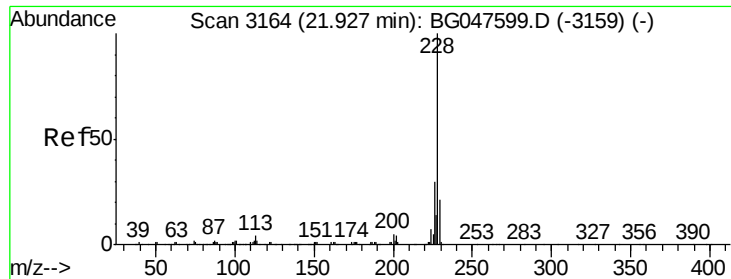
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#83
Benzo(a)anthracene
Concen: 4.304 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047605.D
Acq: 5 Dec 2020 14:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	16.2	24.2
226	26.7	23.3	34.9





#85

Chrysene

Concen: 4.563 ng/ul m

RT: 21.92 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Instrument :

BNA_G

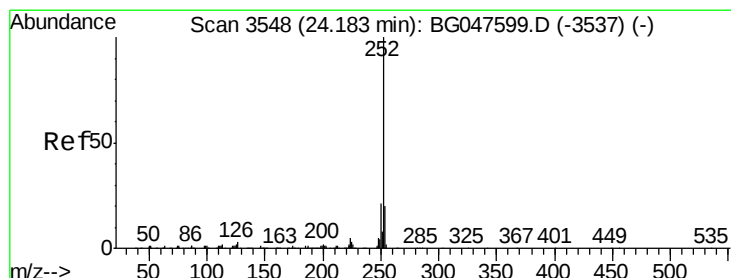
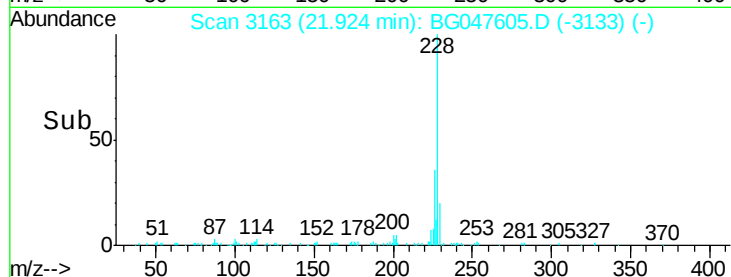
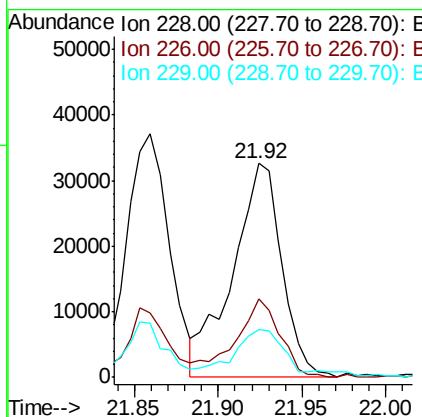
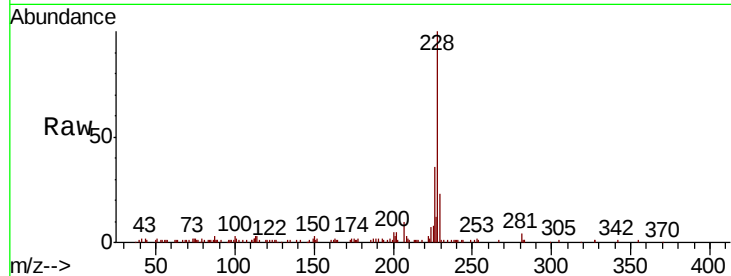
ClientSampleId :

C0B26

Tot Ion:	228	Resp:	66603
Ion Ratio	Lower	Upper	
228	100		
226	36.4	23.8	35.6#
229	22.5	16.3	24.5

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#88

Benzo(b)fluoranthene

Concen: 5.613 ng/ul m

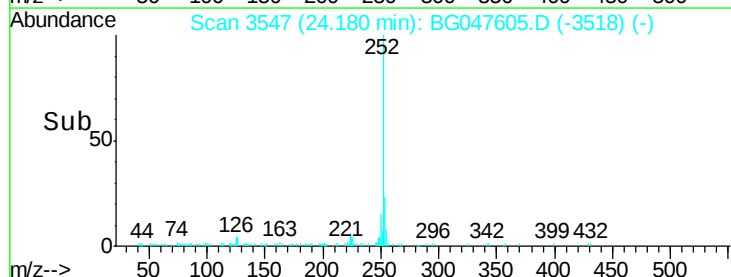
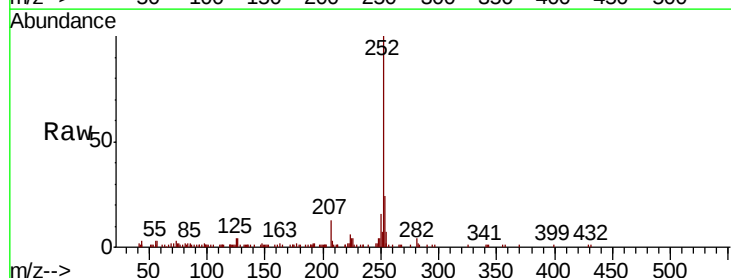
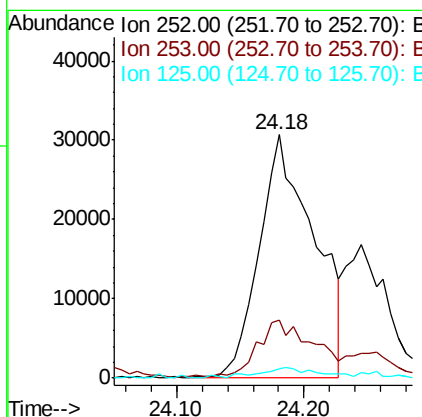
RT: 24.18 min Scan# 3547

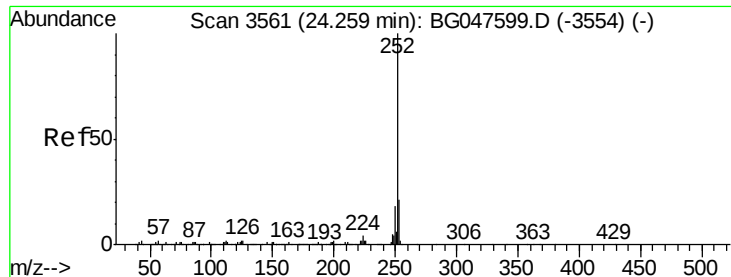
Delta R.T. -0.03 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Tgt Ion:	252	Resp:	92170
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.4	27.6
125	3.6	2.5	3.7





#89

Benzo(k)fluoranthene

Concen: 2.295 ng/ul

RT: 24.24 min Scan# 3558

Delta R.T. -0.04 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Instrument :

BNA_G

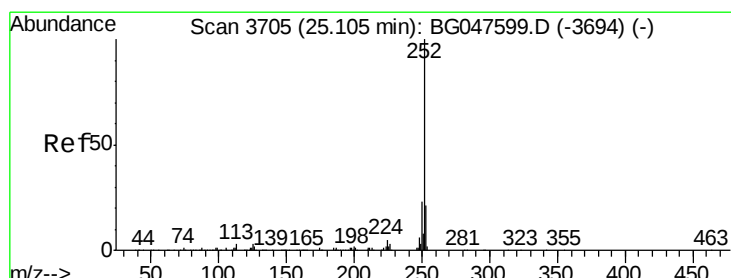
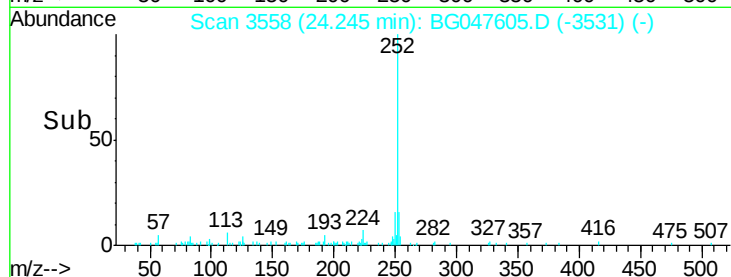
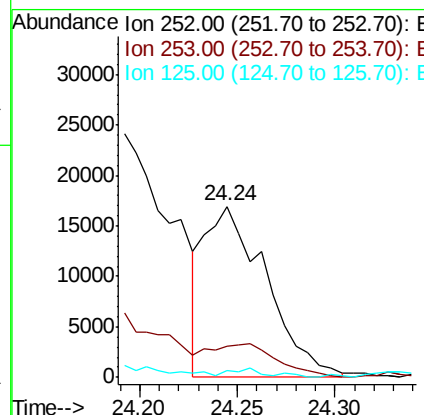
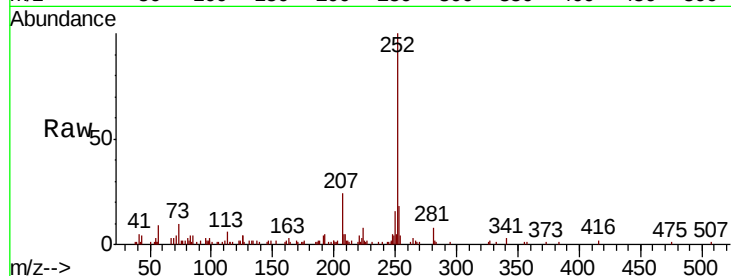
ClientSampleId :

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Tot Ion:	252	Resp:	37139
Ion Ratio	Lower	Upper	
252	100		
253	18.0	16.7	25.1
125	3.7	2.6	3.8

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#91

Benzo(a)pyrene

Concen: 4.133 ng/ul

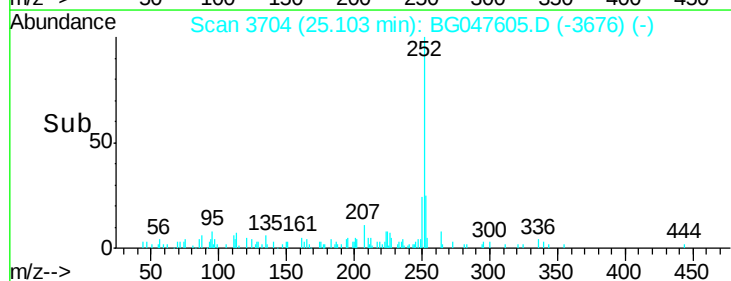
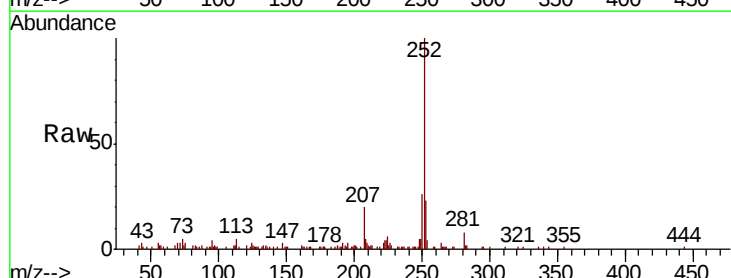
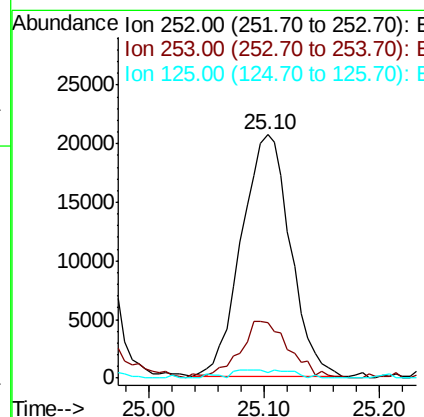
RT: 25.10 min Scan# 3704

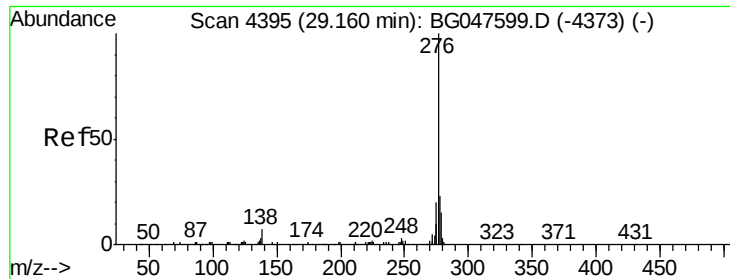
Delta R.T. -0.03 min

Lab File: BG047605.D

Acq: 5 Dec 2020 14:33

Tgt Ion:	252	Resp:	60502
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	2.1	3.1	4.7#





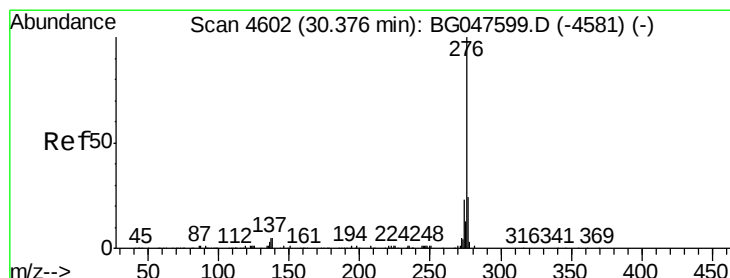
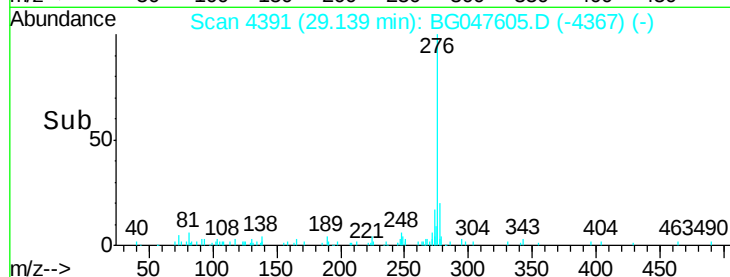
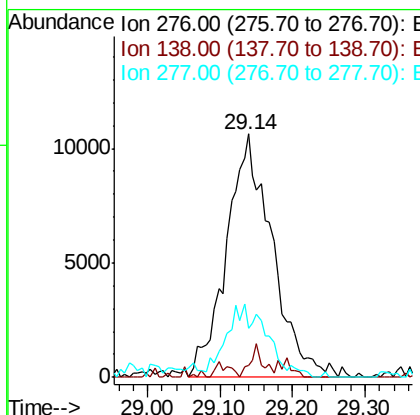
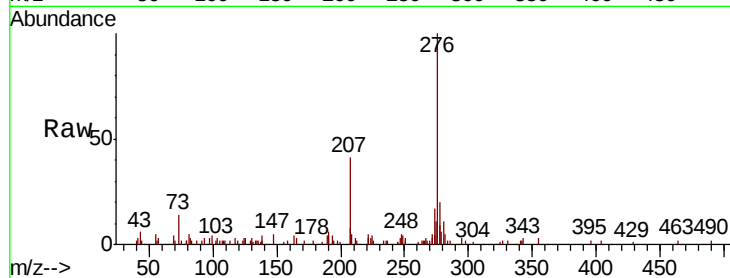
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.622 ng/ul m
 RT: 29.14 min Scan# 4391
 Delta R.T. -0.06 min
 Lab File: BG047605.D
 Acq: 5 Dec 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 C0B26

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.5	7.5	11.3#
277	20.0	19.9	29.9

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#94
 Benzo(g,h,i)perylene
 Concen: 2.684 ng/ul m
 RT: 30.35 min Scan# 4597
 Delta R.T. -0.07 min
 Lab File: BG047605.D
 Acq: 5 Dec 2020 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.0	8.2	12.2#
277	20.1	17.5	26.3

