

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047612.D
 Acq On : 5 Dec 2020 19:16
 Operator : CG/JU
 Sample : L4864-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ5

Manual Integrations
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mohammad
 12/7/2020 2:01:46 PM

Quant Time: Dec 07 06:20:42 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	35911	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	143293	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	108323	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	264688	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	233697	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	247884	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	1420m	1.44	ng/uL	-0.02
5) Phenol-d5	7.38	99	28706	7.97	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	17401	8.47	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	25728	10.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	16509	5.97	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13639	11.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	16623	12.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.69	165	28604	9.67	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	22442	7.50	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	101162	10.88	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	118053	10.98	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	13591	9.58	ng/ul	0.00
58) Fluorene-d10	15.85	176	94503	11.09	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	15834	10.51	ng/ul	-0.02
71) Anthracene-d10	17.70	188	147104	11.20	ng/ul	-0.02
79) Pyrene-d10	19.97	212	183313	13.48	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	185692	13.01	ng/ul	-0.03

Target Compounds				Ovalue		
45) Dimethylphthalate	14.30	163	42551	4.486	ng/ul#	97
70) Phenanthrene	17.64	178	18724	1.310	ng/ul	96
77) Fluoranthene	19.63	202	65378	3.622	ng/ul#	96
80) Pyrene	19.99	202	51501	3.111	ng/ul#	90
83) Benzo(a)anthracene	21.86	228	29790	1.792	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	9519	1.175	ng/ul#	94
85) Chrysene	21.92	228	36178	2.286	ng/ul	98
88) Benzo(b)fluoranthene	24.18	252	51253	2.928	ng/ul#	92
89) Benzo(k)fluoranthene	24.23	252	19870m	1.152	ng/ul	
91) Benzo(a)pyrene	25.10	252	31408m	2.013	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.13	276	25163m	1.326	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	21577m	1.378	ng/ul	

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

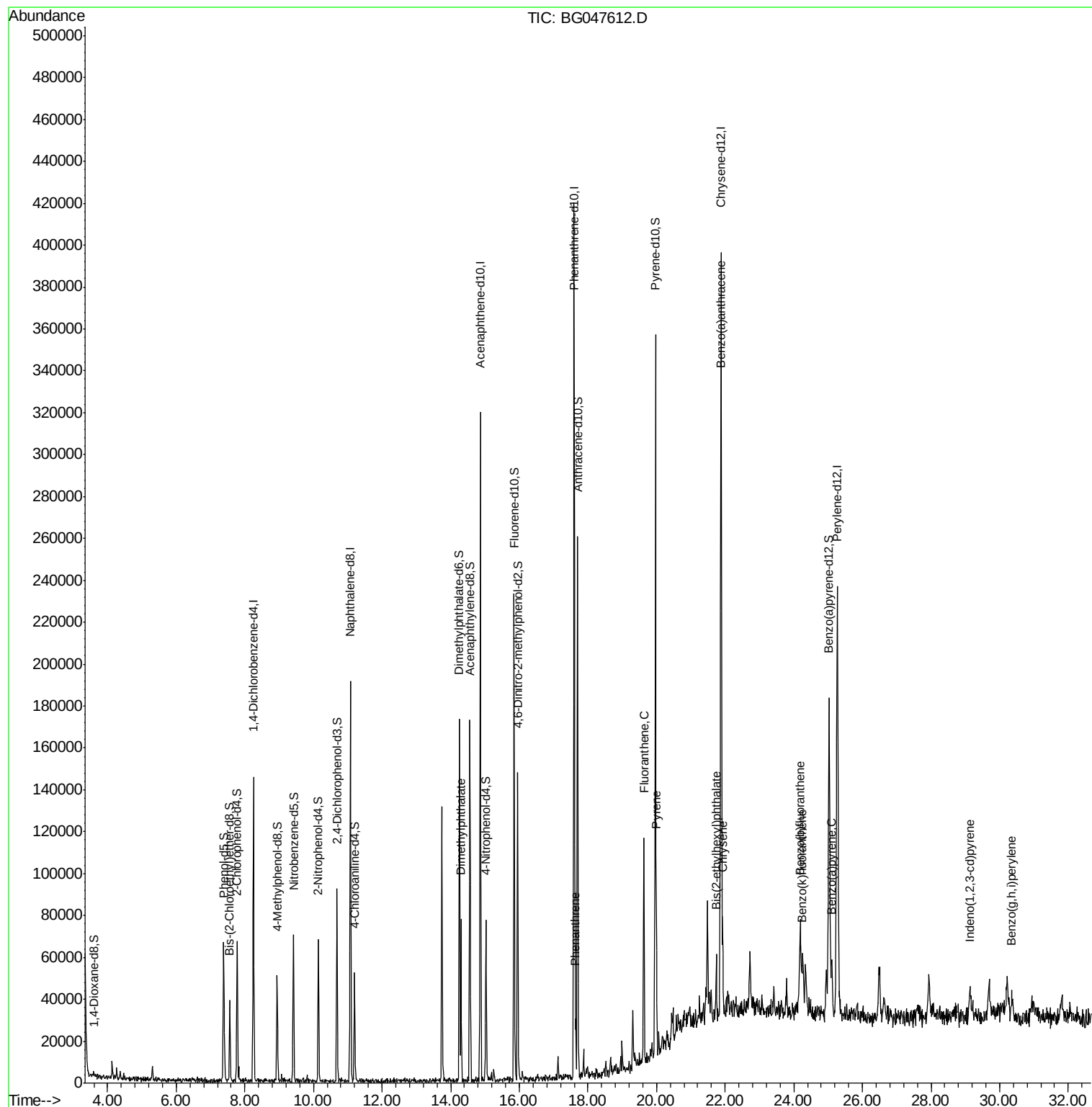
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047612.D
Acq On : 5 Dec 2020 19:16
Operator : CG/JU
Sample : L4864-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

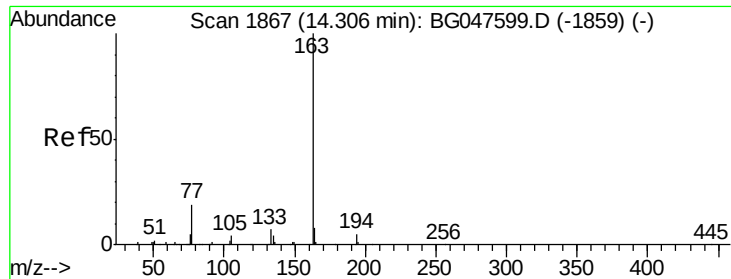
Instrument :
BNA_G
ClientSampleId :
C0AZ5

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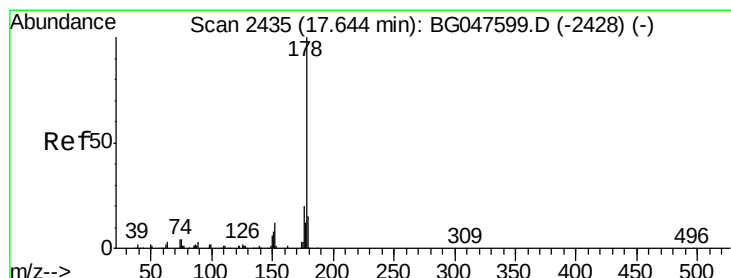
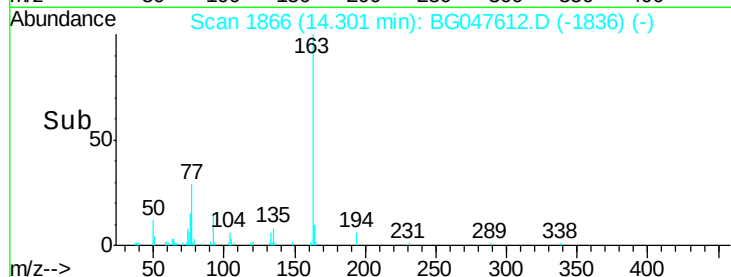
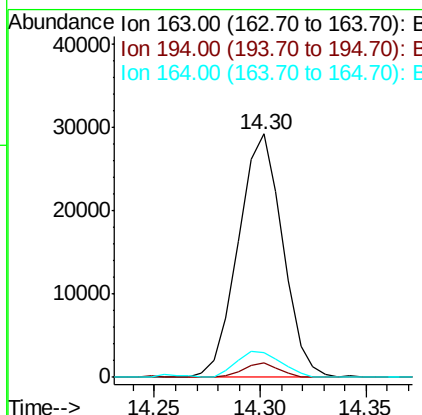
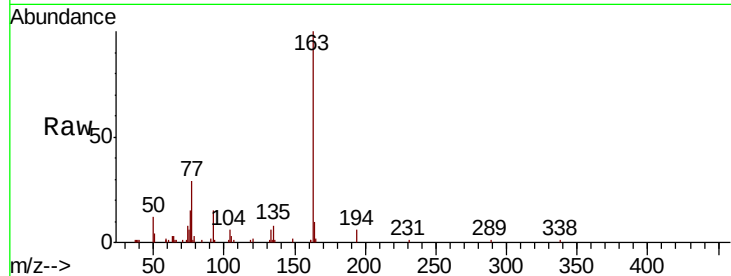
#45
Dimethylphthalate
Concen: 4.486 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Instrument :
BNA_G
ClientSampleId :
C0AZ5

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	10.4	8.8	13.2

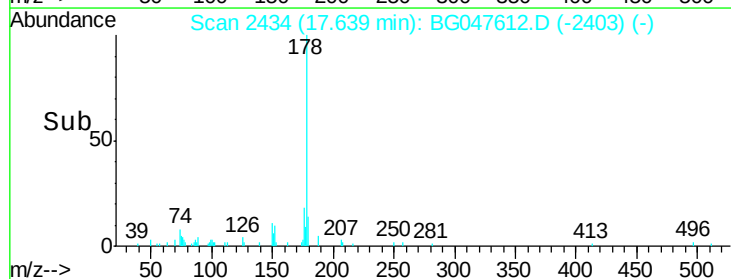
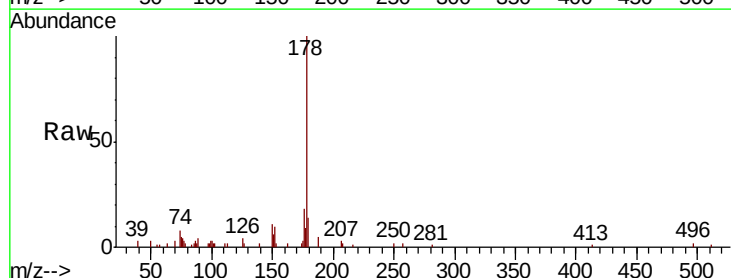
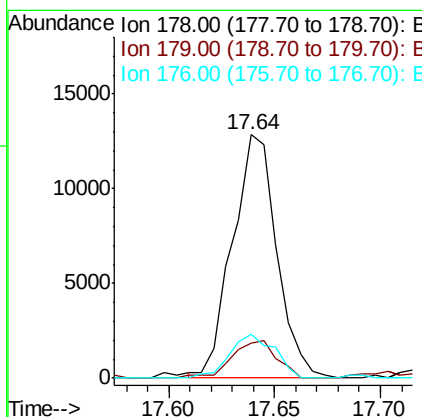
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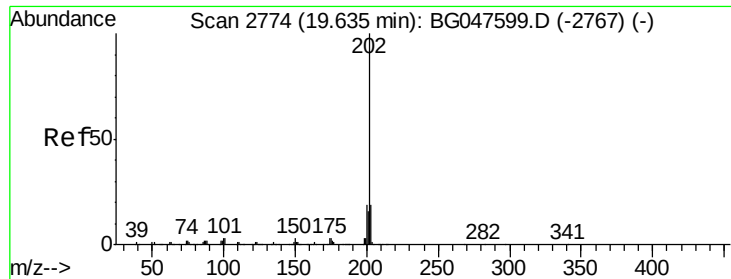
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#70
Phenanthrene
Concen: 1.310 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.8	19.2
176	17.9	15.7	23.5





#77

Fluoranthene

Concen: 3.622 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

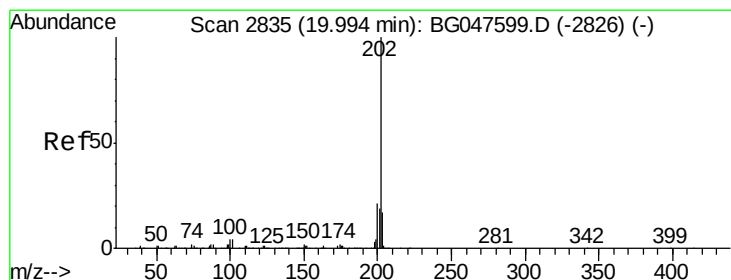
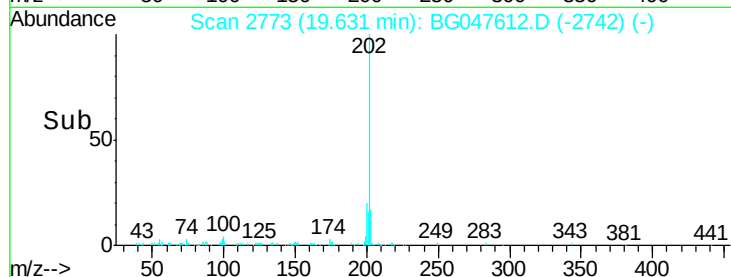
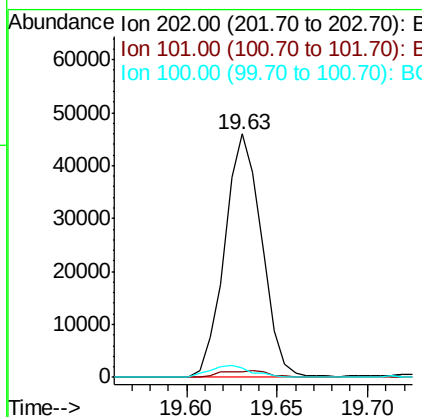
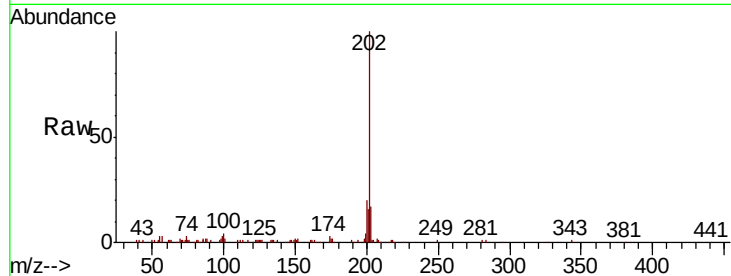
ClientSampleId :

C0AZ5

Tot Ion:	202	Resp:	65378
Ion Ratio	Lower	Upper	
202	100		
101	2.2	3.3	4.9#
100	3.8	3.4	5.0

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#80

Pyrene

Concen: 3.111 ng/ul

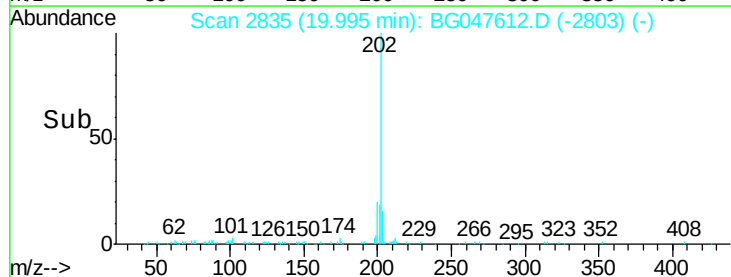
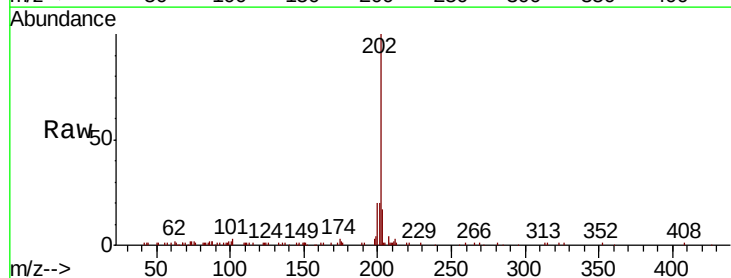
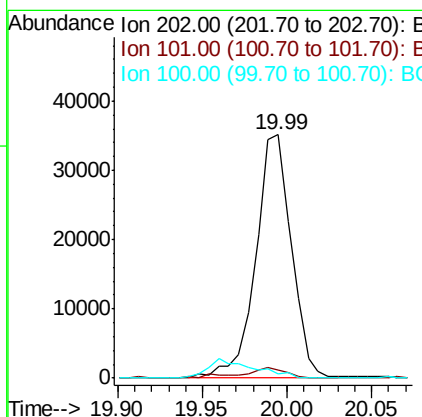
RT: 19.99 min Scan# 2835

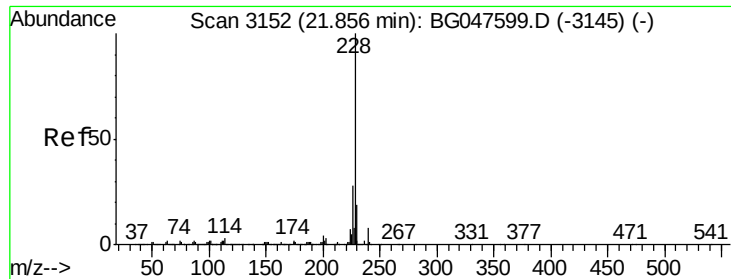
Delta R.T. -0.01 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Tgt Ion:	202	Resp:	51501
Ion Ratio	Lower	Upper	
202	100		
101	3.3	5.0	7.4#
100	1.7	4.6	7.0#





#83

Benzo(a)anthracene

Concen: 1.792 ng/ul

RT: 21.86 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

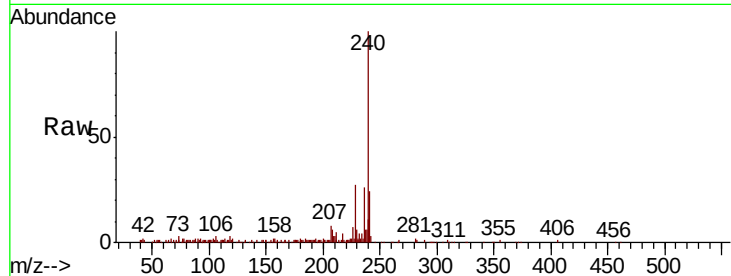
ClientSampleId :

C0AZ5

Tot Ion:	228	Resp:	29790
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.2
226	25.5	23.3	34.9

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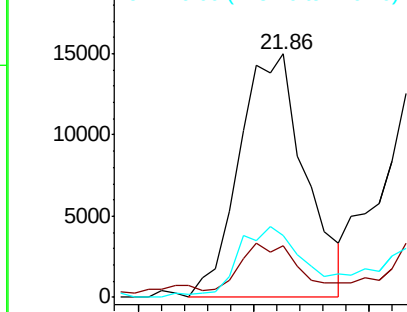


Abundance

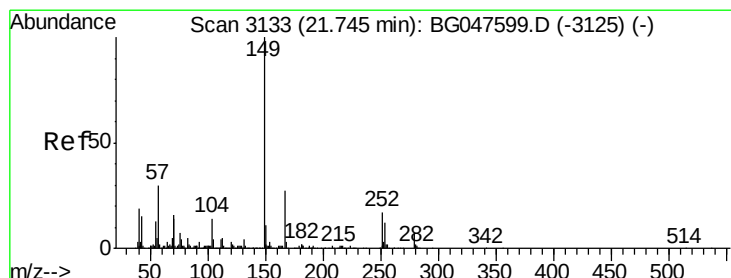
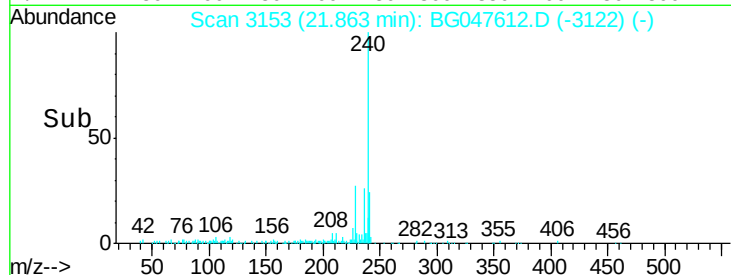
Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.175 ng/ul

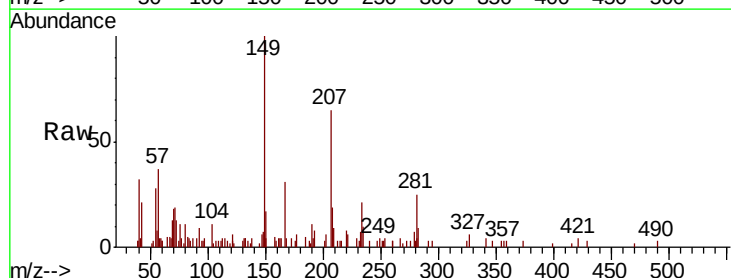
RT: 21.74 min Scan# 3132

Delta R.T. -0.04 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Tgt Ion:	149	Resp:	9519
Ion Ratio	Lower	Upper	
149	100		
167	30.5	21.8	32.8
279	7.3	4.2	6.2#

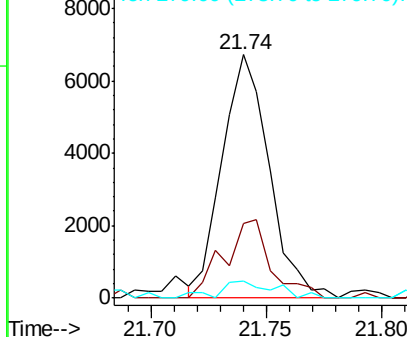


Abundance

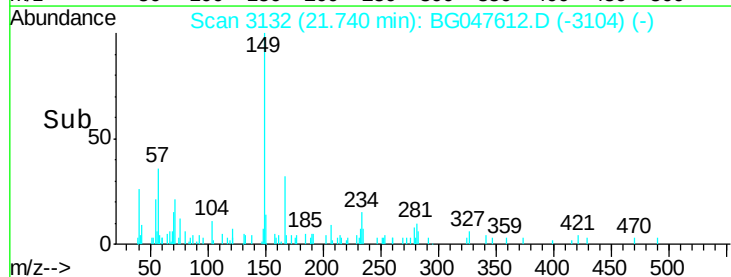
Ion 149.00 (148.70 to 149.70): E

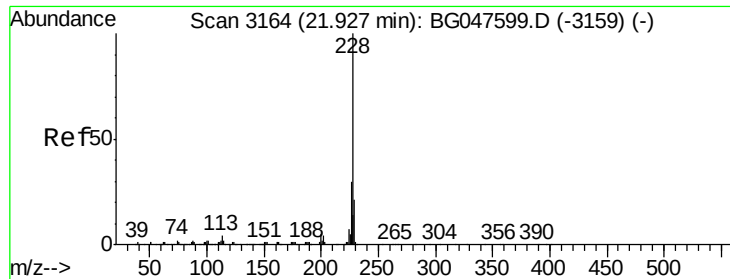
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





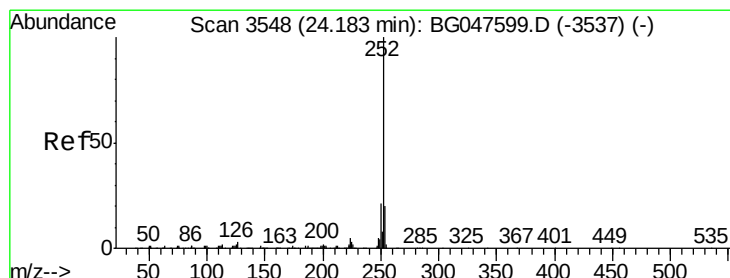
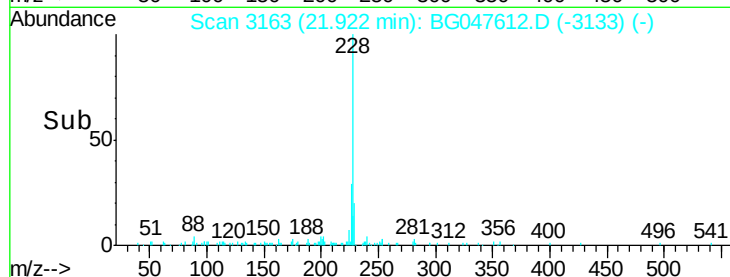
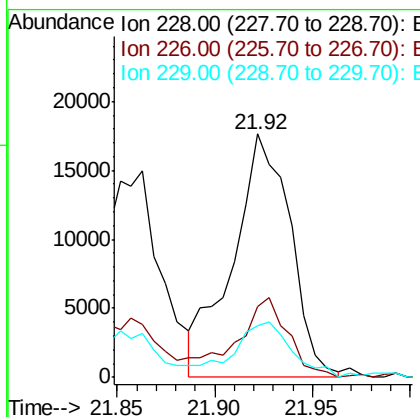
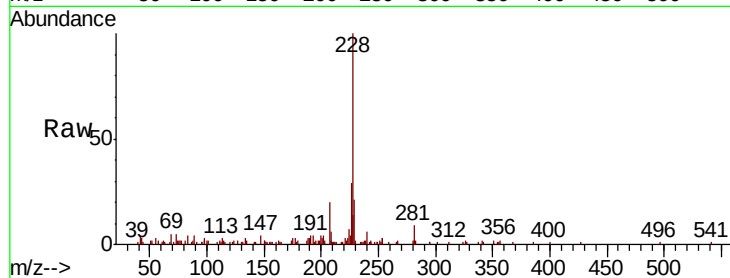
#85
Chrysene
Concen: 2.286 ng/ul
RT: 21.92 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Instrument :
BNA_G
ClientSampleId :
C0AZ5

Tot Ion:	228	Resp:	36178
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.8	35.6
229	21.3	16.3	24.5

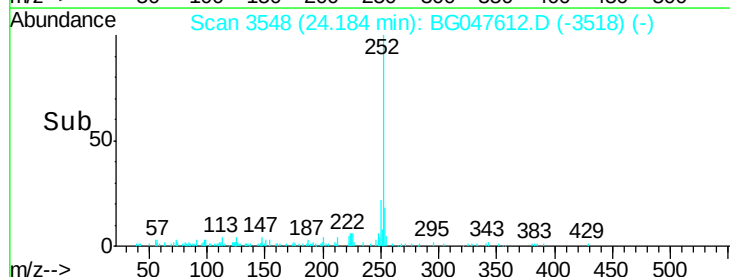
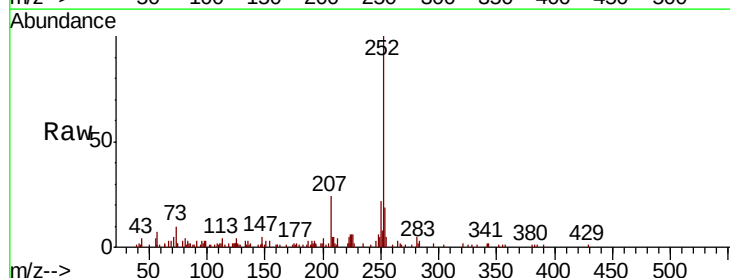
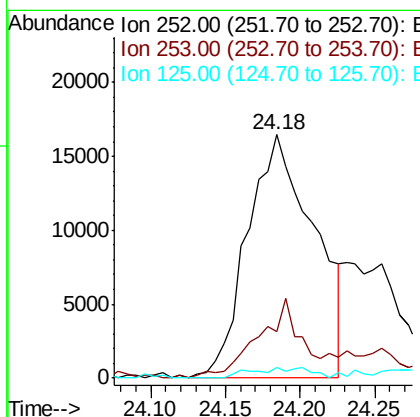
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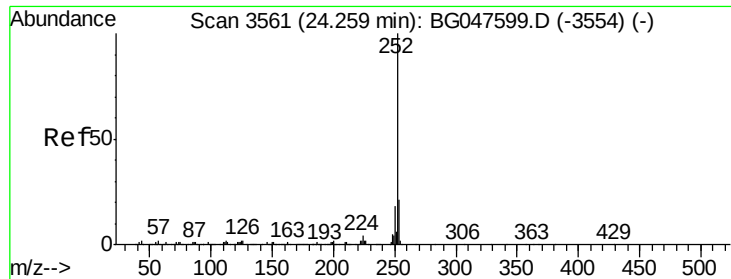
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#88
Benzo(b)fluoranthene
Concen: 2.928 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Tgt Ion:	252	Resp:	51253
Ion Ratio	Lower	Upper	
252	100		
253	18.9	18.4	27.6
125	4.4	2.5	3.7#





#89

Benzo(k)fluoranthene

Concen: 1.152 ng/ul m

RT: 24.23 min Scan# 3556

Delta R.T. -0.05 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

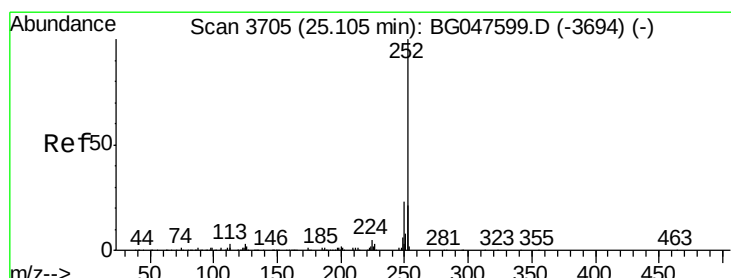
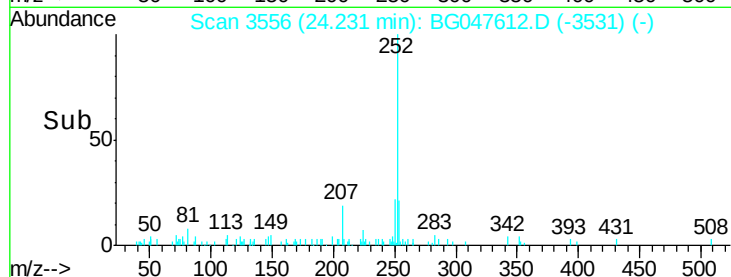
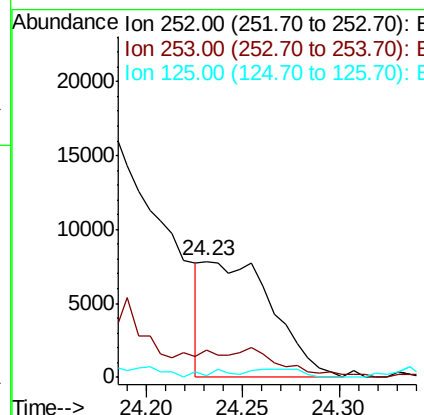
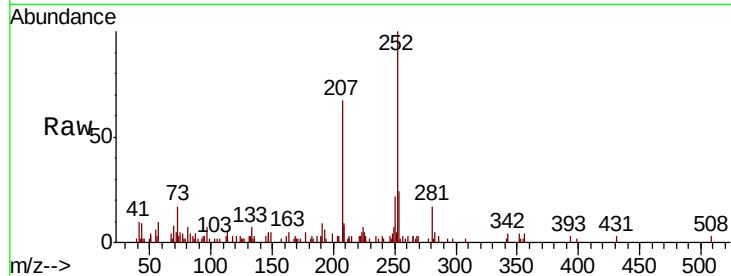
ClientSampleId :

C0AZ5

Tot Ion:	252	Resp:	19870
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.7	25.1
125	2.0	2.6	3.8#

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#91

Benzo(a)pyrene

Concen: 2.013 ng/ul m

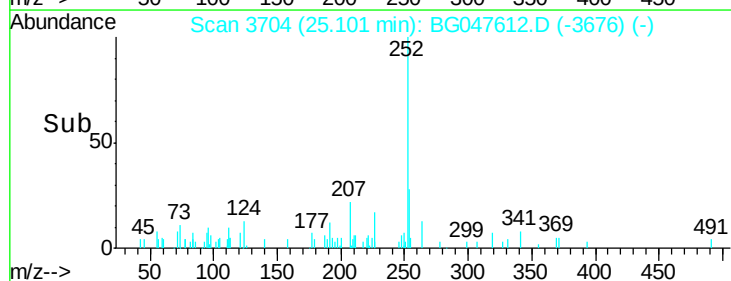
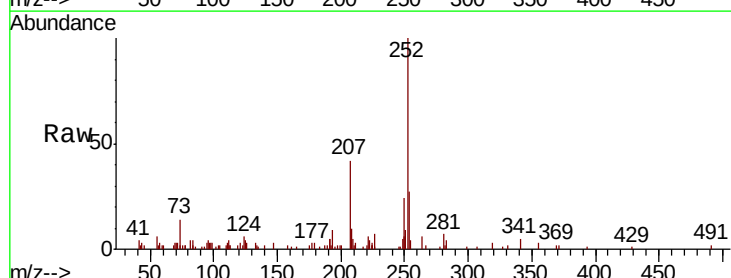
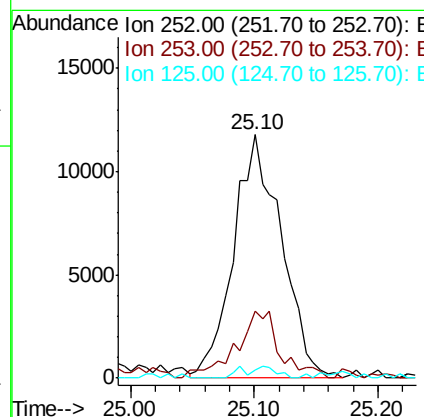
RT: 25.10 min Scan# 3704

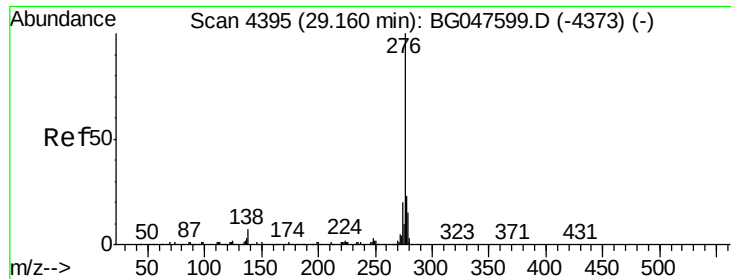
Delta R.T. -0.04 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Tgt Ion:	252	Resp:	31408
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.5	26.3#
125	3.6	3.1	4.7





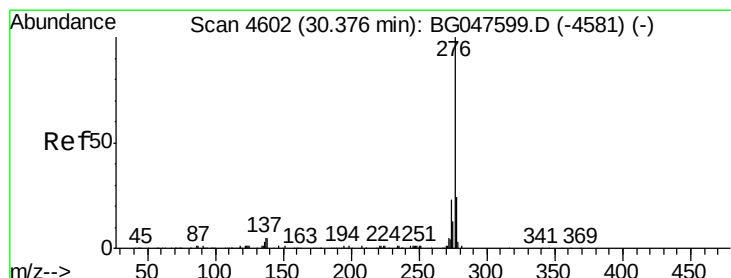
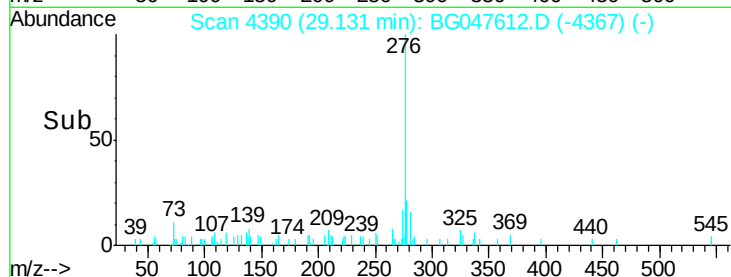
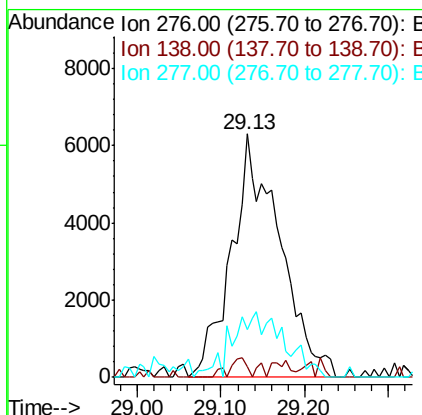
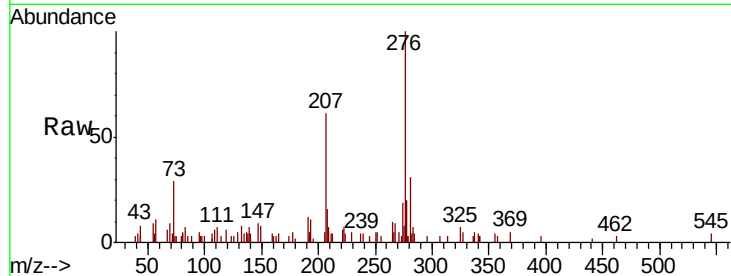
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.326 ng/ul m
 RT: 29.13 min Scan# 4390
 Delta R.T. -0.07 min
 Lab File: BG047612.D
 Acq: 5 Dec 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ5

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.3	7.5	11.3#
277	19.7	19.9	29.9#

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#94
 Benzo(g,h,i)perylene
 Concen: 1.378 ng/ul m
 RT: 30.35 min Scan# 4597
 Delta R.T. -0.07 min
 Lab File: BG047612.D
 Acq: 5 Dec 2020 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.6	8.2	12.2#
277	32.3	17.5	26.3#

