

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047407.D
 Acq On : 21 Nov 2020 23:12
 Operator : CG/JU
 Sample : L4711-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B66

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:06 AM

Quant Time: Nov 23 06:11:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40771	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	163184	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	115535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	250980	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	217502	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	231990	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3575	3.19	ng/uL	0.00
5) Phenol-d5	7.41	99	96726	23.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	52778	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	70998	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	77185	24.57	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34007	25.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	40485	27.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	88008	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	88193	25.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	272397	27.46	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	331769	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	37351	24.68	ng/ul	0.01
58) Fluorene-d10	15.87	176	251172	27.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	25925	18.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	359386	28.86	ng/ul	0.00
79) Pyrene-d10	19.98	212	379413	29.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	371525	27.82	ng/ul	0.01

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	95994	9.488	ng/ul	97
70) Phenanthrene	17.66	178	14347	1.059	ng/ul#	93
77) Fluoranthene	19.65	202	44492	2.599	ng/ul#	97
80) Pyrene	20.01	202	36916	2.396	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	20727m	1.339	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.78	149	9774	1.296	ng/ul#	96
85) Chrysene	21.95	228	23444	1.592	ng/ul	95
88) Benzo(b)fluoranthene	24.21	252	34022	2.077	ng/ul#	96
91) Benzo(a)pyrene	25.14	252	21604	1.480	ng/ul#	97

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

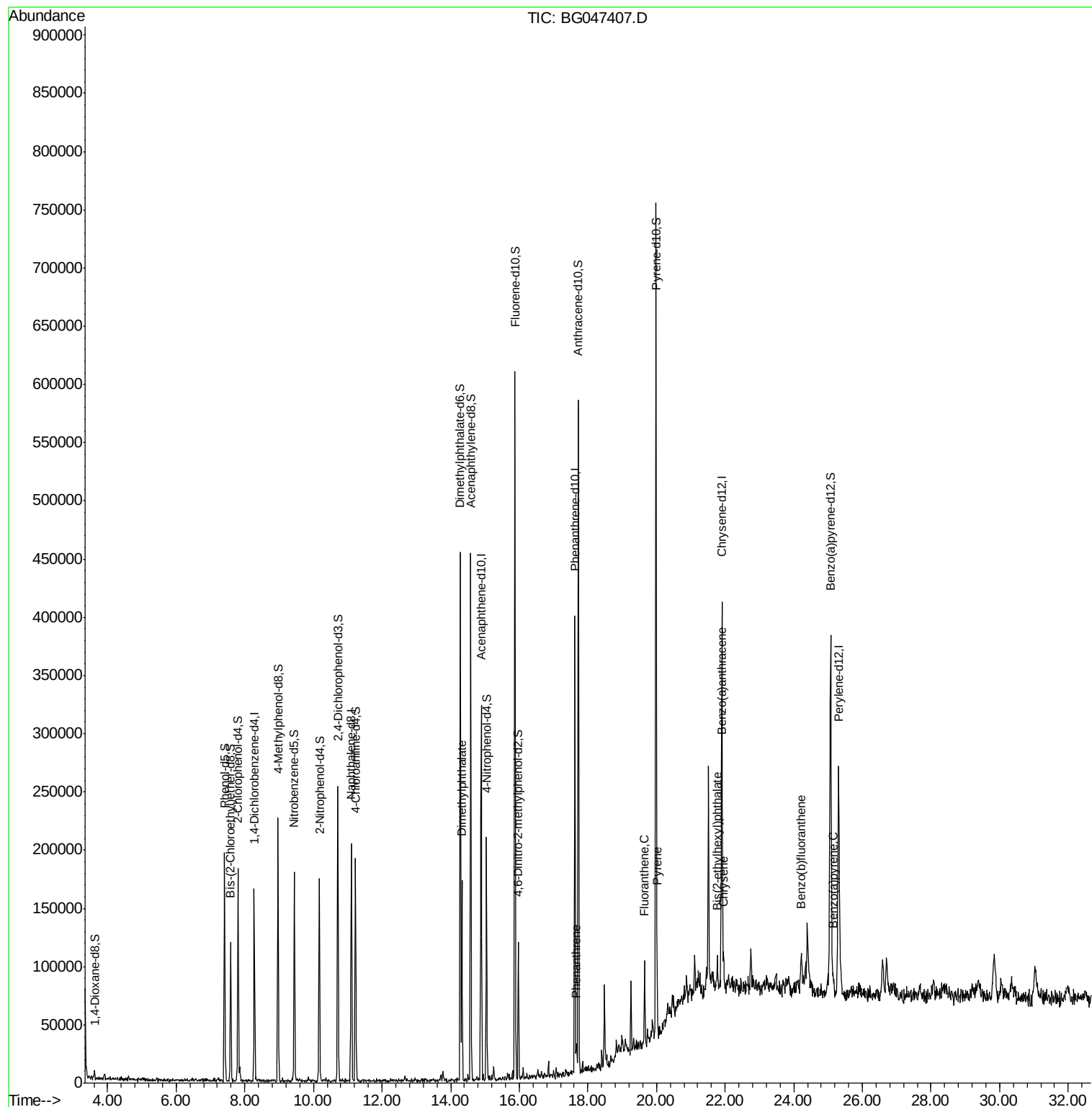
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047407.D
Acq On : 21 Nov 2020 23:12
Operator : CG/JU
Sample : L4711-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

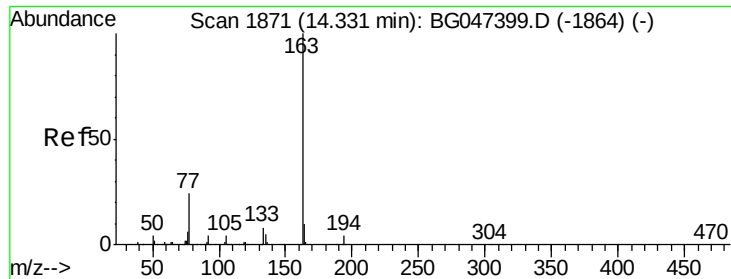
Instrument :
BNA_G
ClientSampleId :
C0B66

Manual Integrations
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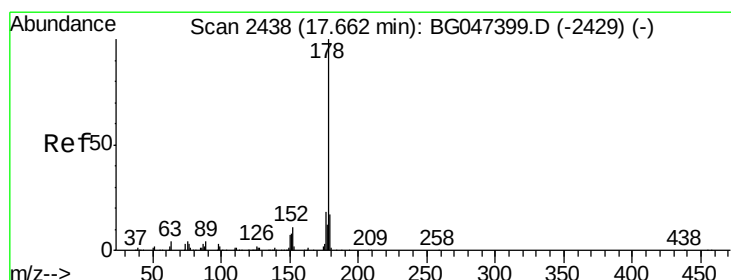
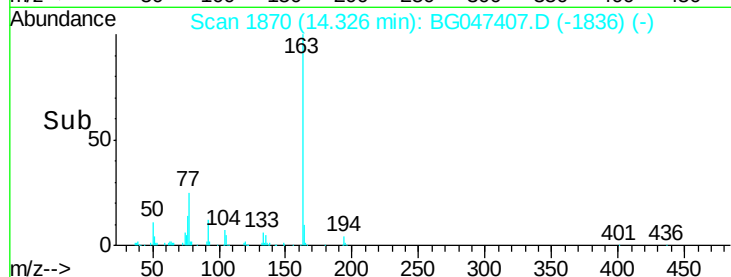
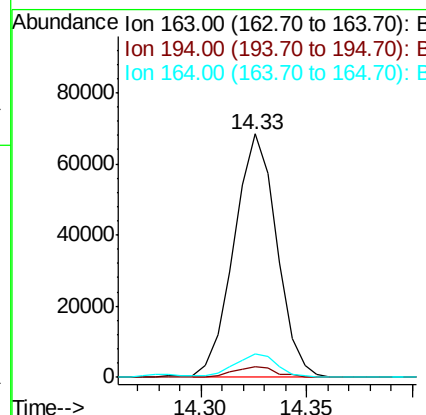
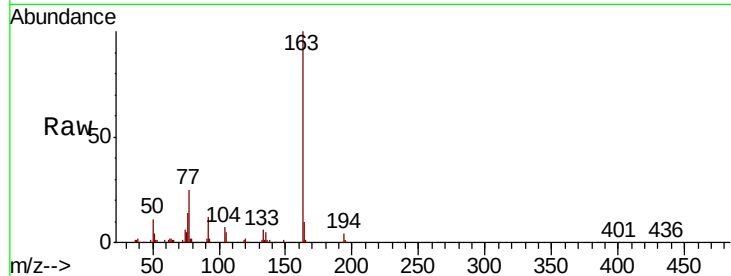
#45
Dimethylphthalate
Concen: 9.488 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047407.D
Acq: 21 Nov 2020 23:12

Instrument :
BNA_G
ClientSampleId :
C0B66

Tot Ion	Ratio	Resp	Lower	Upper
163	100	95994		
194	4.5		3.4	5.2
164	9.5		8.8	13.2

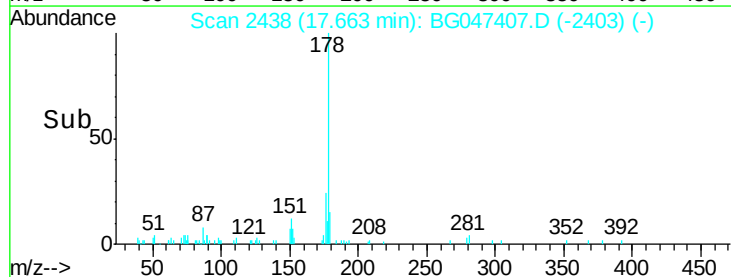
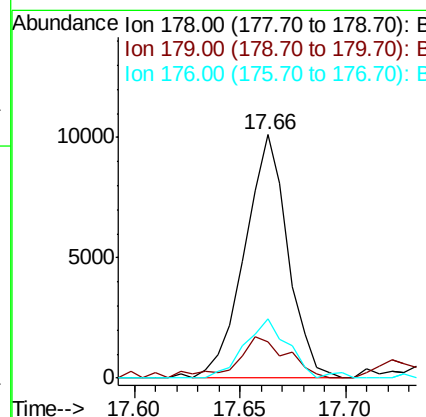
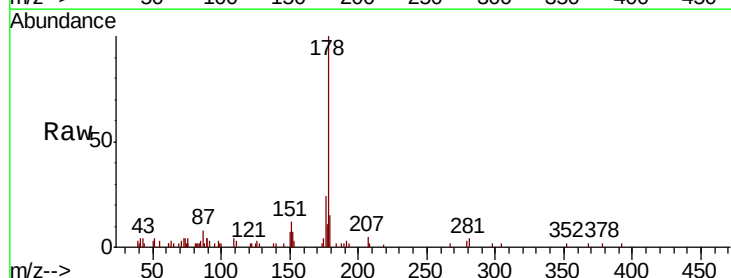
Manual Integrations
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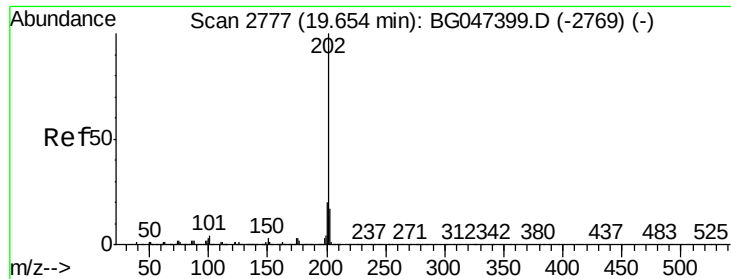
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#70
Phenanthrene
Concen: 1.059 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG047407.D
Acq: 21 Nov 2020 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	14347		
179	14.9		12.8	19.2
176	24.2		15.7	23.5#





#77

Fluoranthene

Concen: 2.599 ng/ul

RT: 19.65 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG047407.D

Acq: 21 Nov 2020 23:12

Instrument :

BNA_G

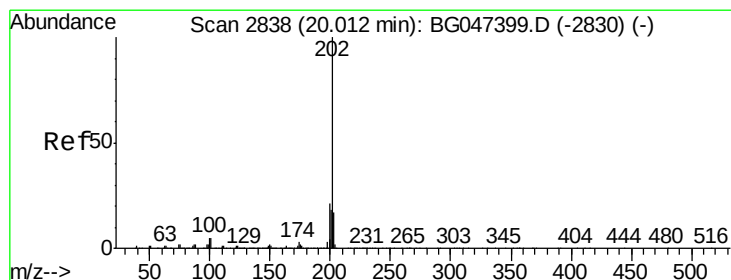
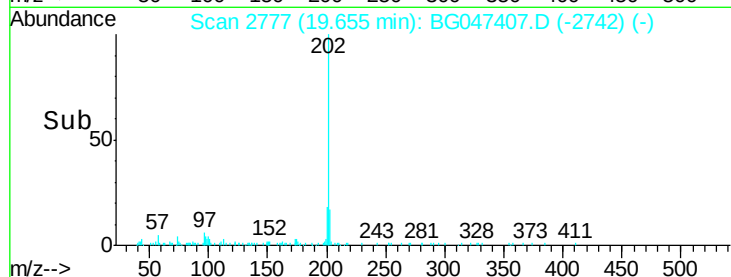
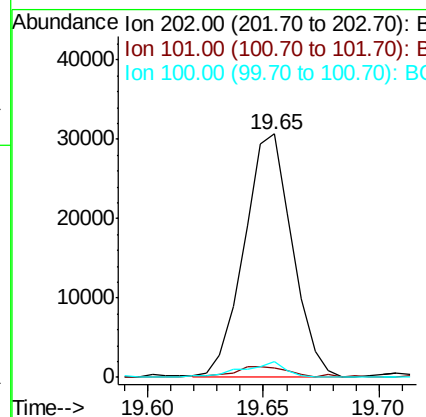
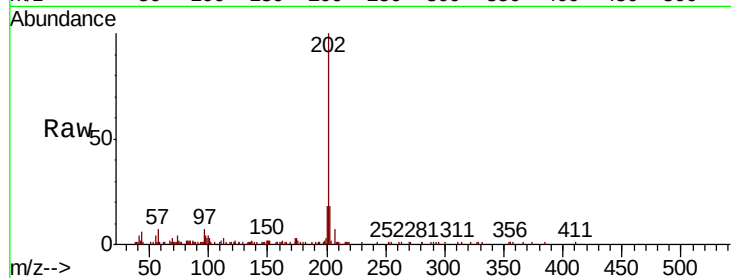
ClientSampleId :

C0B66

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		44492		
101	3.9	3.3	4.9		
100	6.2	3.4	5.0		

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#80

Pyrene

Concen: 2.396 ng/ul

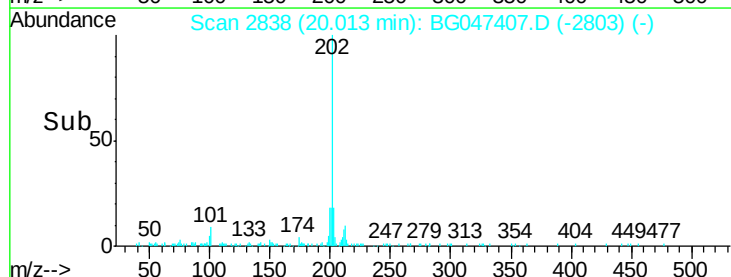
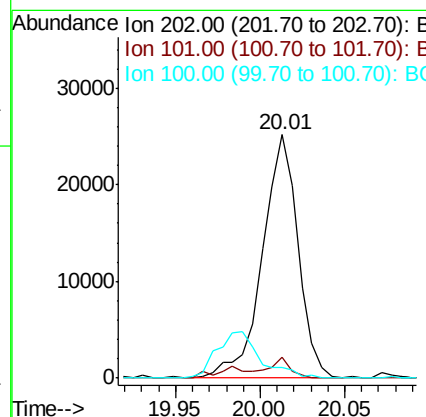
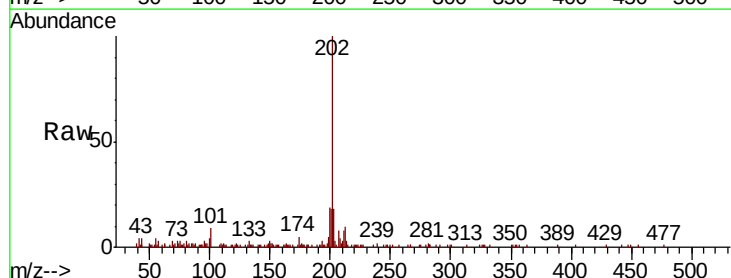
RT: 20.01 min Scan# 2838

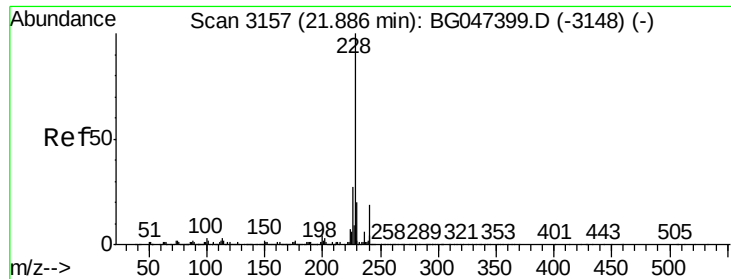
Delta R.T. 0.01 min

Lab File: BG047407.D

Acq: 21 Nov 2020 23:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		36916		
101	8.8	5.0	7.4		
100	4.4	4.6	7.0		





#83

Benzo(a)anthracene

Concen: 1.339 ng/ul m

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047407.D

Acq: 21 Nov 2020 23:12

Instrument :

BNA_G

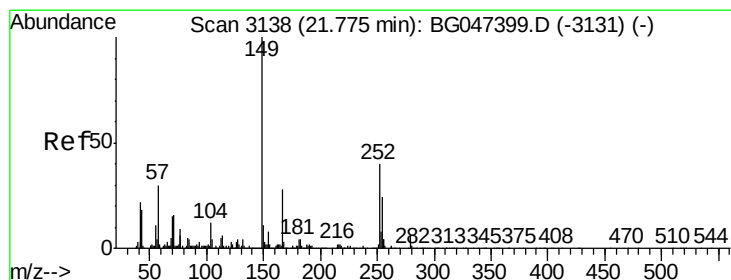
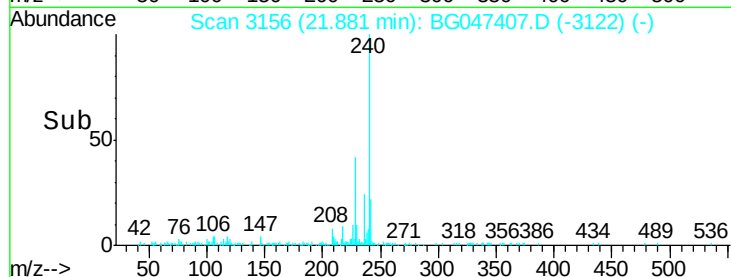
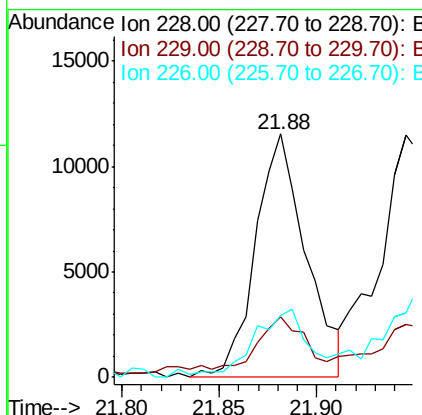
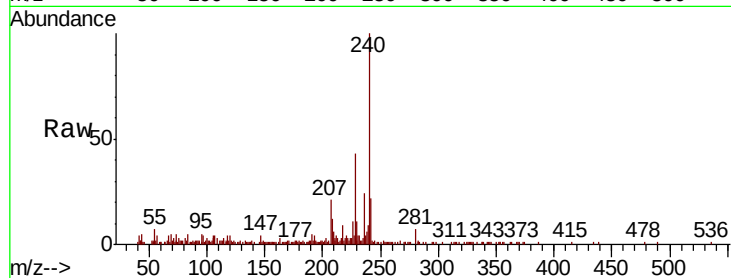
ClientSampleId :

C0B66

Tot Ion:	228	Resp:	20727
Ion Ratio	Lower	Upper	
228	100		
229	25.0	16.2	24.2#
226	25.5	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.296 ng/ul

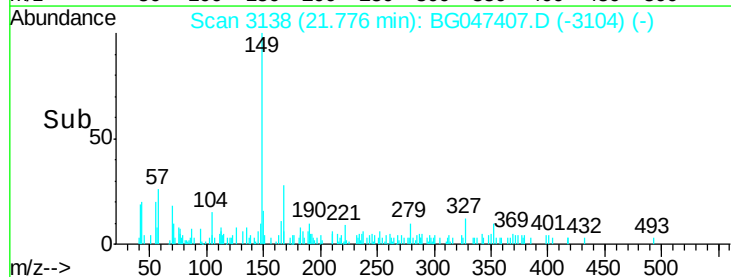
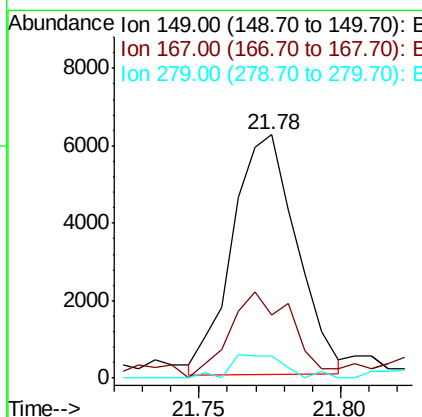
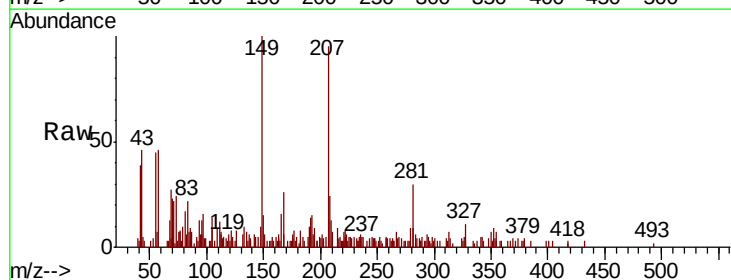
RT: 21.78 min Scan# 3138

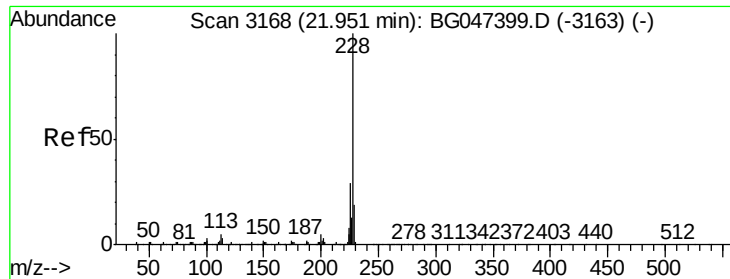
Delta R.T. 0.00 min

Lab File: BG047407.D

Acq: 21 Nov 2020 23:12

Tgt Ion:	149	Resp:	9774
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.8	32.8
279	9.0	4.2	6.2#





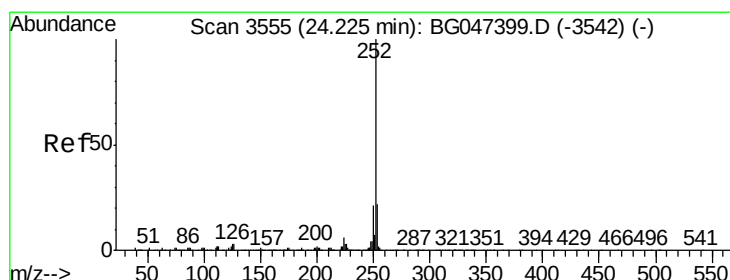
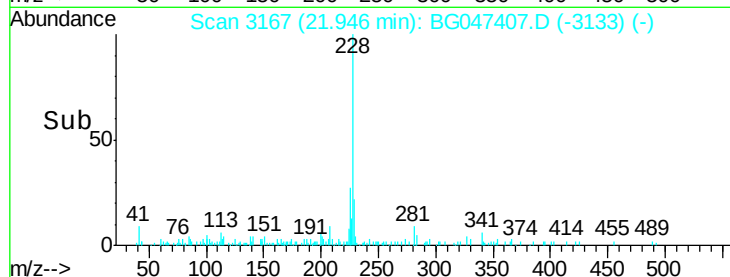
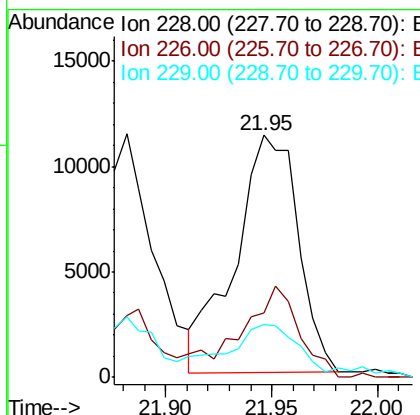
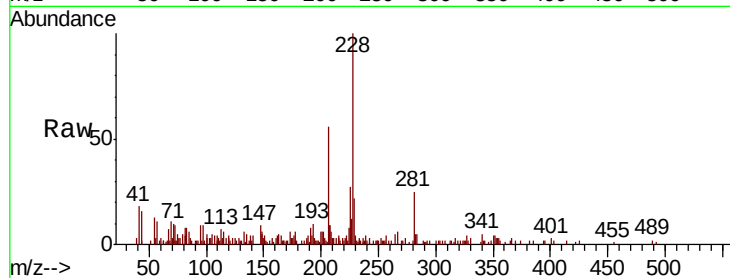
#85
Chrysene
Concen: 1.592 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG047407.D
Acq: 21 Nov 2020 23:12

Instrument :
BNA_G
ClientSampleId :
C0B66

Tot Ion:	228	Resp:	23444
Ion Ratio	Lower	Upper	
228	100		
226	26.7	23.8	35.6
229	22.0	16.3	24.5

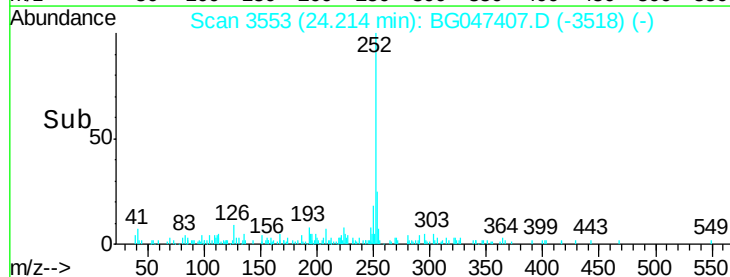
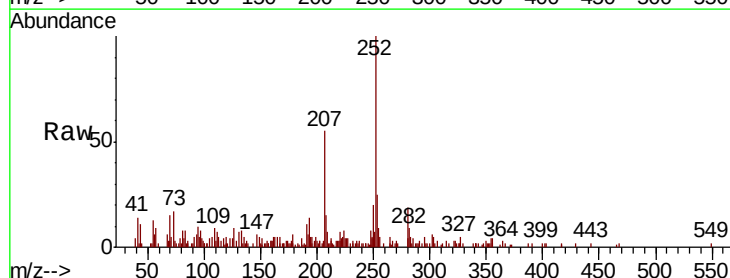
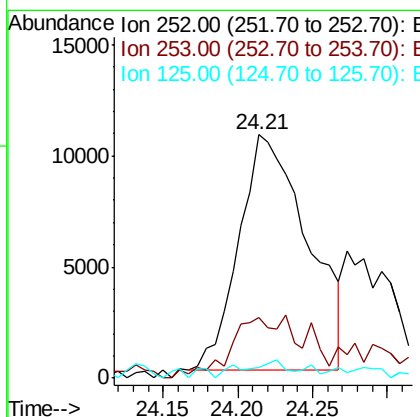
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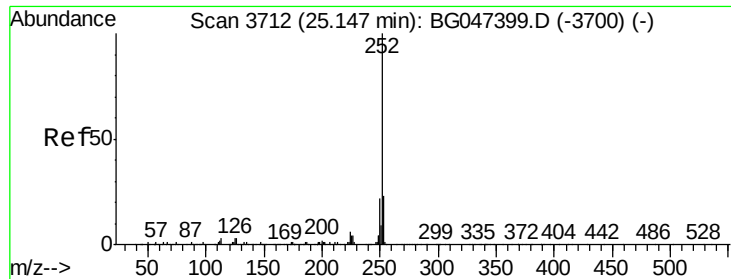
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#88
Benzo(b)fluoranthene
Concen: 2.077 ng/ul
RT: 24.21 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BG047407.D
Acq: 21 Nov 2020 23:12

Tgt Ion:	252	Resp:	34022
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.4	27.6
125	4.2	2.5	3.7#





#91
Benzo(a)pyrene
Concen: 1.480 ng/ul
RT: 25.14 min Scan# 3710
Delta R.T. 0.00 min
Lab File: BG047407.D
Acq: 21 Nov 2020 23:12

Instrument :
BNA_G
ClientSampleId :
C0B66

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	6.5	3.1	4.7#

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