

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047400.D
 Acq On : 21 Nov 2020 18:28
 Operator : CG/JU
 Sample : L4711-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B36

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:40 AM

Quant Time: Nov 23 05:08:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	44982	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	184817	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	133033	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	311198	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	248753	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	263560	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3659	2.96	ng/uL	0.00
5) Phenol-d5	7.41	99	101795	22.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.58	67	53420	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	75102	24.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	80469	23.21	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	37968	24.87	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	43844	26.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	93562	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	81836	21.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	275014	24.08	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	342278	25.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	39686	22.78	ng/ul	0.01
58) Fluorene-d10	15.87	176	247785	23.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	43638	24.64	ng/ul	0.00
71) Anthracene-d10	17.72	188	367590	23.81	ng/ul	0.00
79) Pyrene-d10	19.98	212	367973	25.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	354369	23.36	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	105792	9.081	ng/ul	98
50) Acenaphthene	14.95	153	13293	1.545	ng/ul	88
59) Fluorene	15.93	166	19068	1.791	ng/ul	87
70) Phenanthrene	17.66	178	387663	23.068	ng/ul	99
72) Anthracene	17.76	178	48242m	2.850	ng/ul	
75) Carbazole	18.01	167	28891	2.116	ng/ul#	93
77) Fluoranthene	19.65	202	724165	34.121	ng/ul	99
80) Pyrene	20.02	202	557802	31.656	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	275797	15.582	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	9932	1.151	ng/ul#	86
85) Chrysene	21.95	228	313983	18.642	ng/ul	99
88) Benzo(b)fluoranthene	24.23	252	433469	23.294	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	129532	7.063	ng/ul	93
91) Benzo(a)pyrene	25.15	252	268959	16.213	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.22	276	202610m	10.041	ng/ul	
93) Dibenzo(a,h)anthracene	29.27	278	54520m	3.295	ng/ul	
94) Benzo(g,h,i)perylene	30.46	276	189576m	11.386	ng/ul	

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

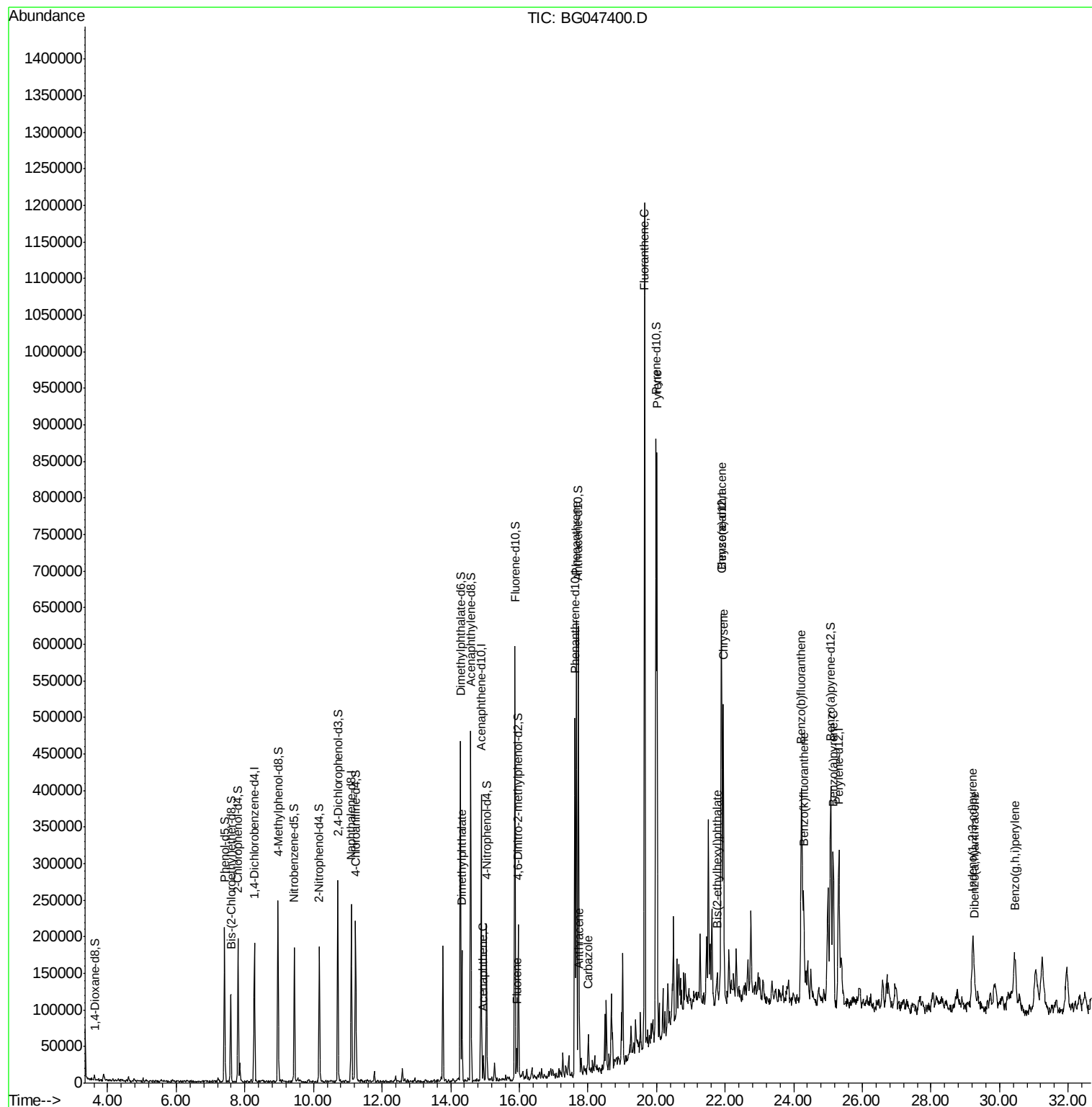
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047400.D
Acq On : 21 Nov 2020 18:28
Operator : CG/JU
Sample : L4711-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

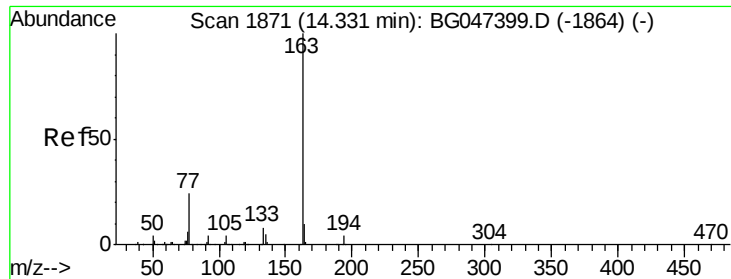
Instrument :
BNA_G
ClientSampleId :
C0B36

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Quant Title : SVOA CALIBRATION
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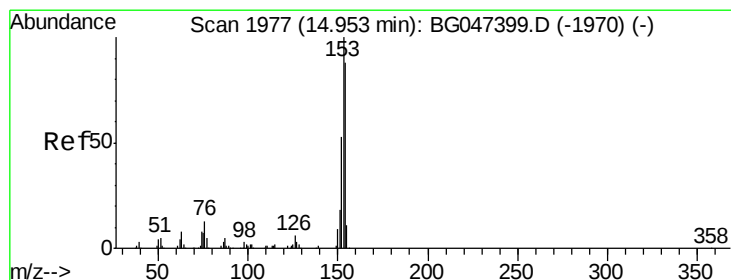
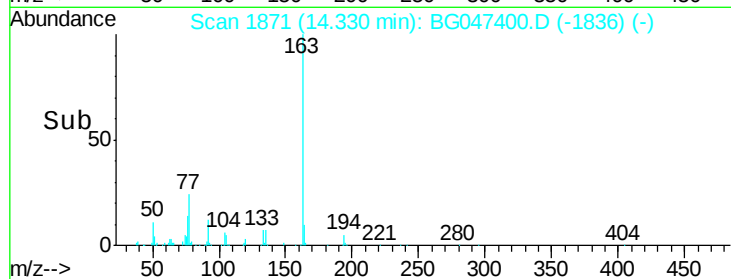
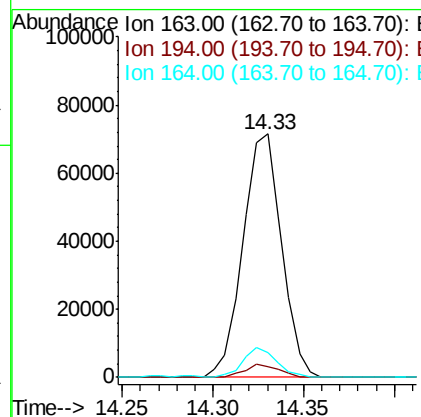
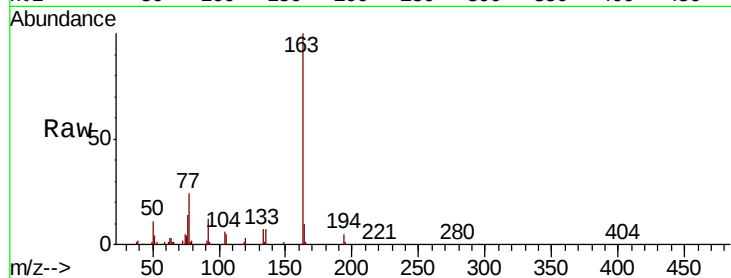
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Dimethylphthalate
Concen: 9.081 ng/ul
RT: 14.33 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Instrument :
BNA_G
ClientSampleId :
C0B36

Tot Ion	Ratio	Resp	Lower	Upper
163	100	105792		
194	4.5		3.4	5.2
164	10.0		8.8	13.2

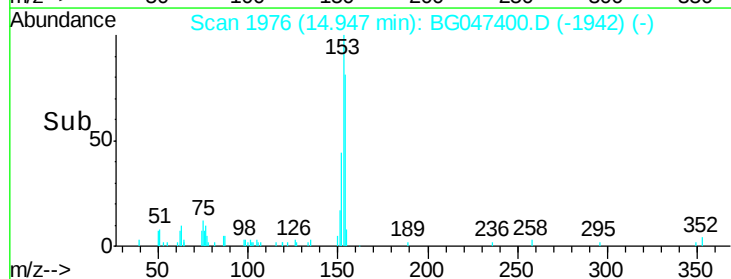
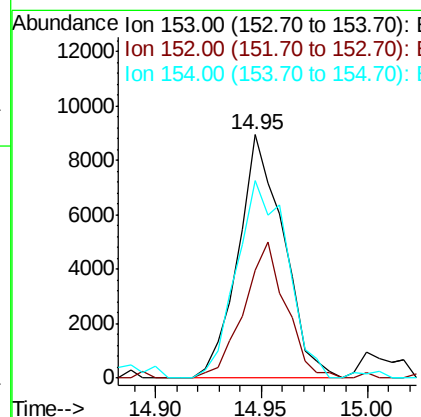
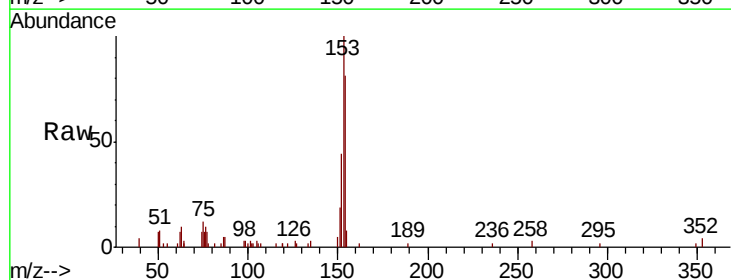
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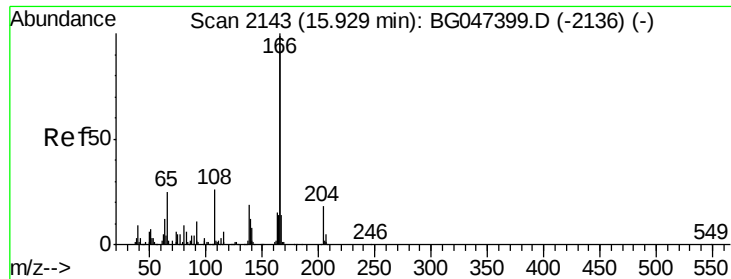
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#50
Acenaphthene
Concen: 1.545 ng/ul
RT: 14.95 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	13293		
152	44.2		39.8	59.8
154	81.2		76.0	114.0





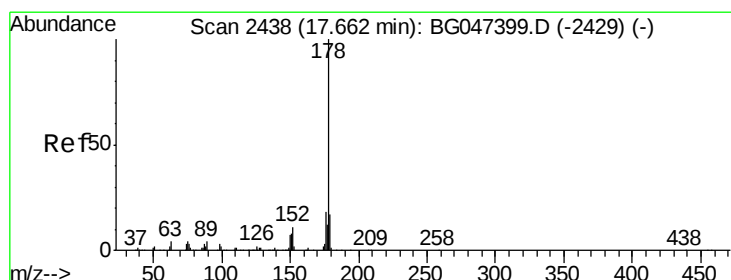
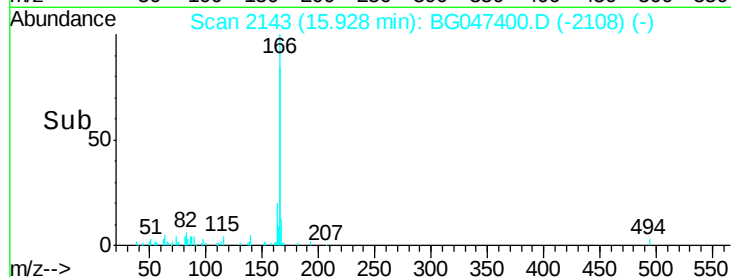
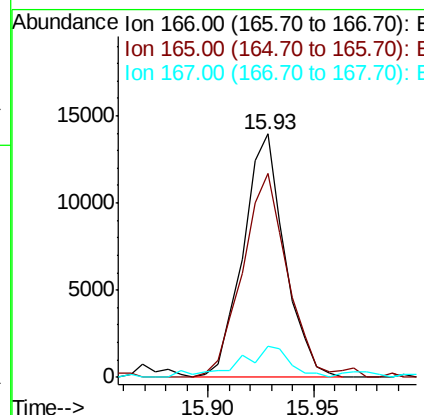
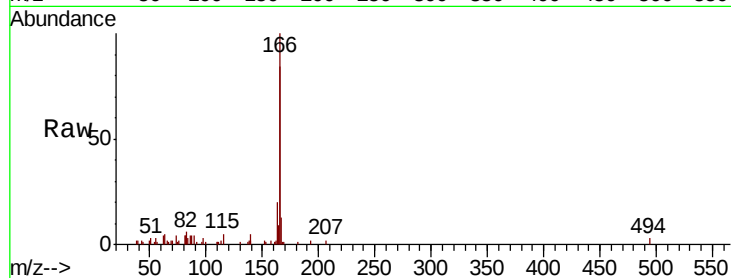
#59
Fluorene
Concen: 1.791 ng/ul
RT: 15.93 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Instrument :
BNA_G
ClientSampleId :
C0B36

Tot Ion	Ratio	Lower	Upper
166	100		
165	83.9	79.0	118.4
167	12.9	10.4	15.6

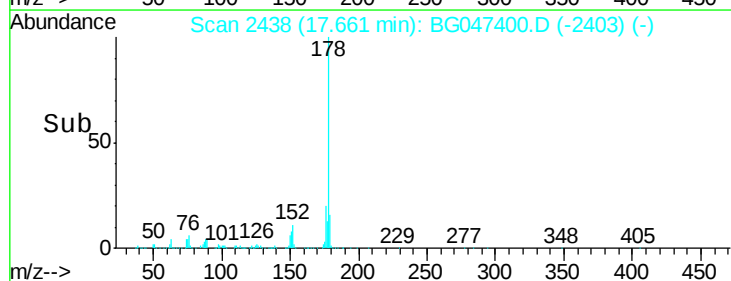
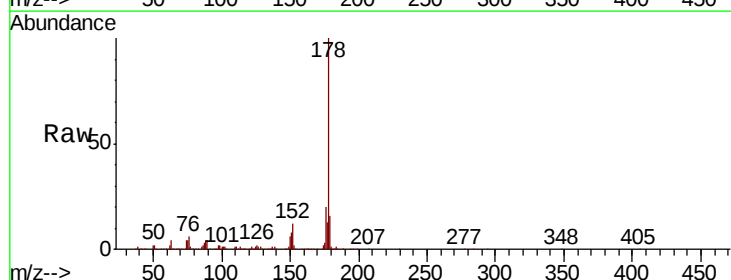
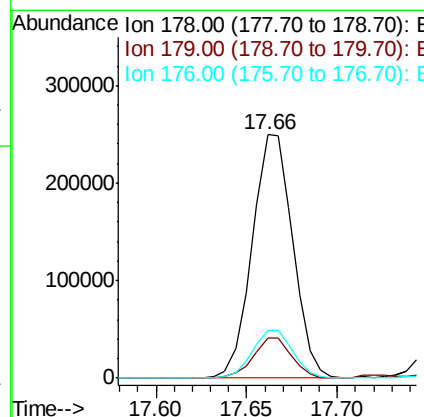
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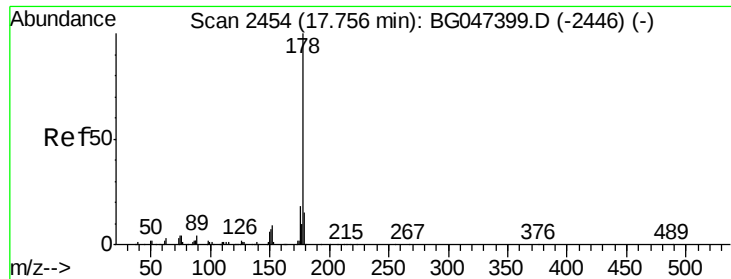
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#70
Phenanthrene
Concen: 23.068 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.9	15.7	23.5





#72

Anthracene

Concen: 2.850 ng/ul

RT: 17.76 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Instrument :

BNA_G

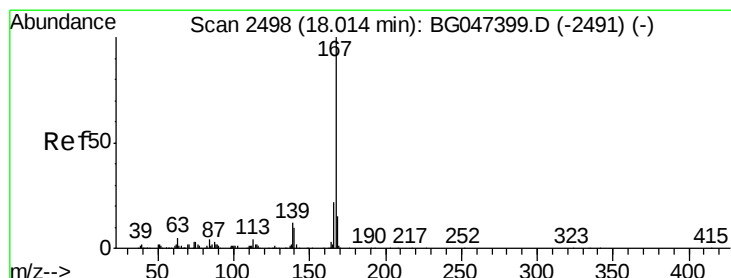
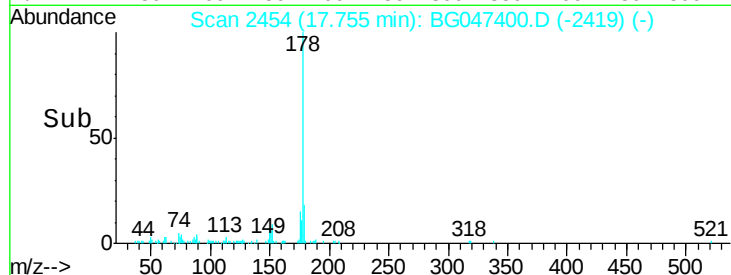
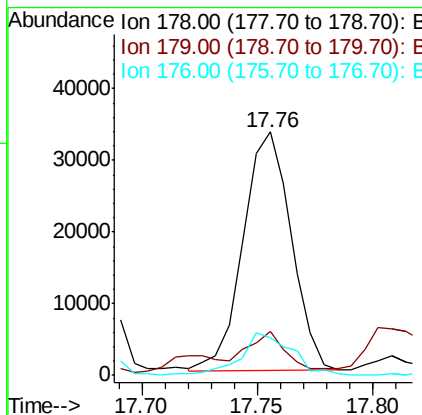
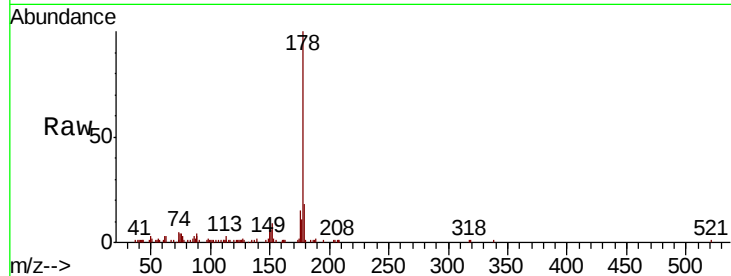
ClientSampleId :

C0B36

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.2#
176	15.4	16.2	24.4#

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#75

Carbazole

Concen: 2.116 ng/ul

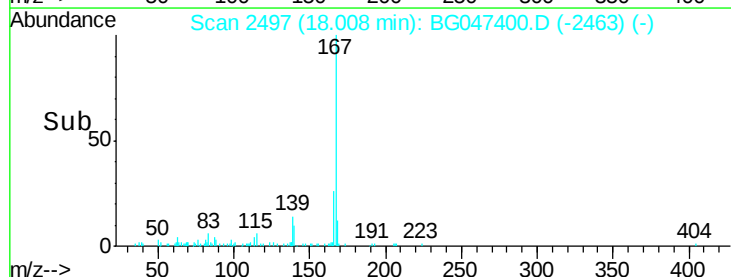
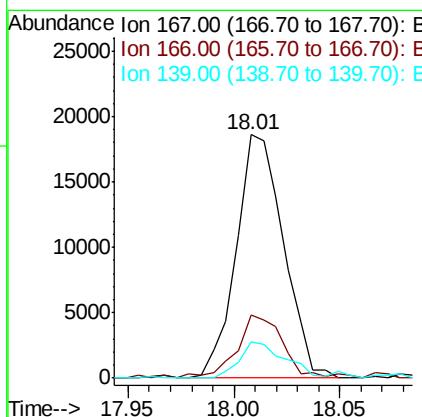
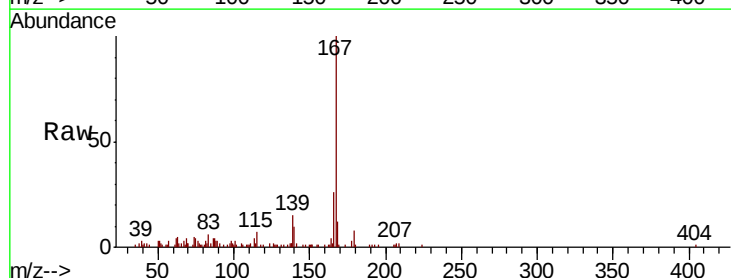
RT: 18.01 min Scan# 2497

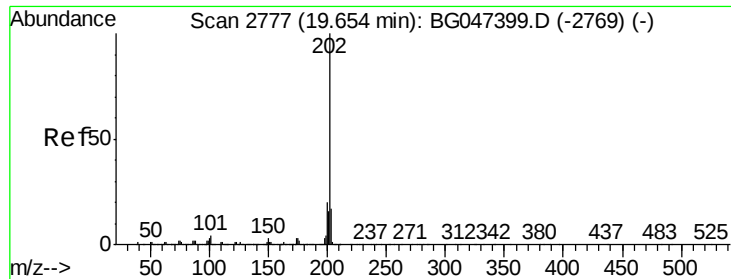
Delta R.T. -0.00 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.9	17.8	26.6
139	15.1	9.9	14.9#





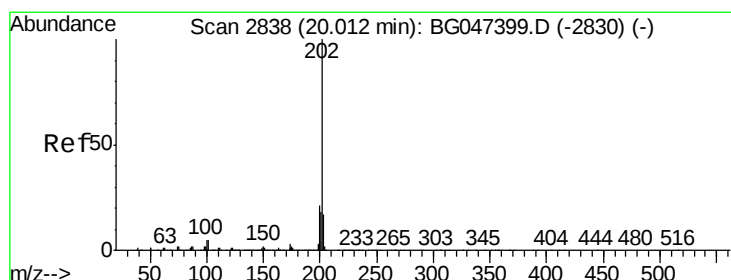
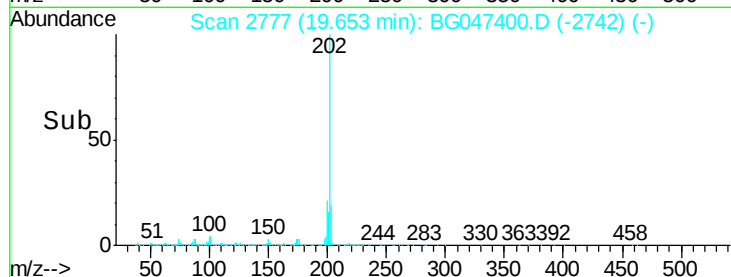
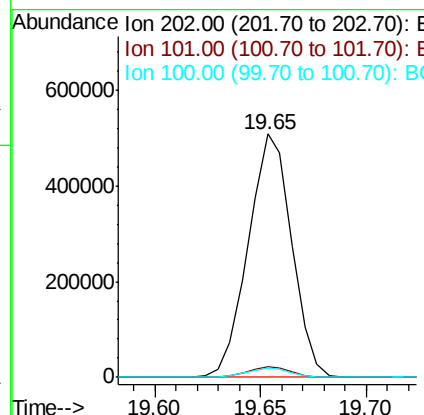
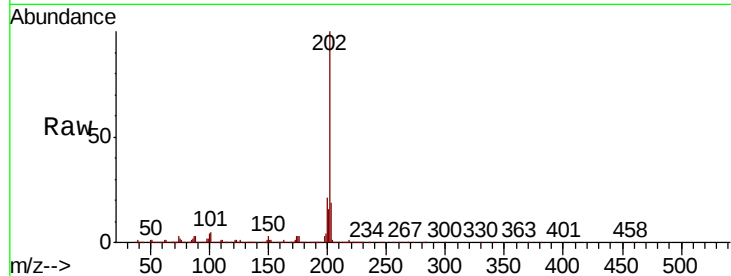
#77
Fluoranthene
Concen: 34.121 ng/ul
RT: 19.65 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Instrument :
BNA_G
ClientSampleId :
C0B36

Tot Ion	Ratio	Resp	Lower	Upper
202	100	724165		
101	4.5	3.3	4.9	
100	3.7	3.4	5.0	

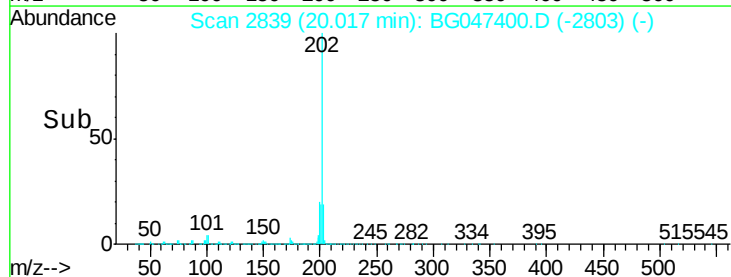
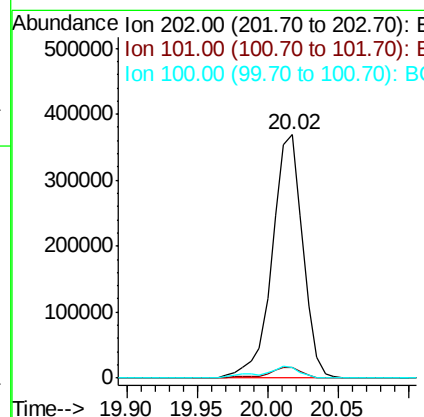
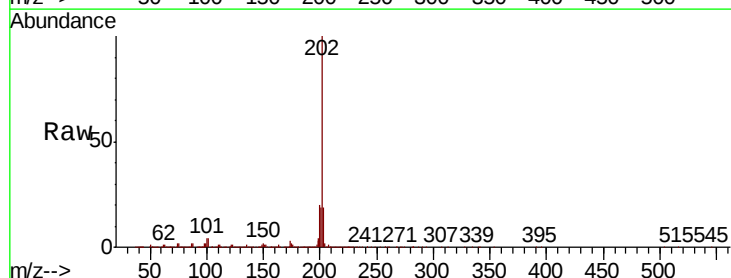
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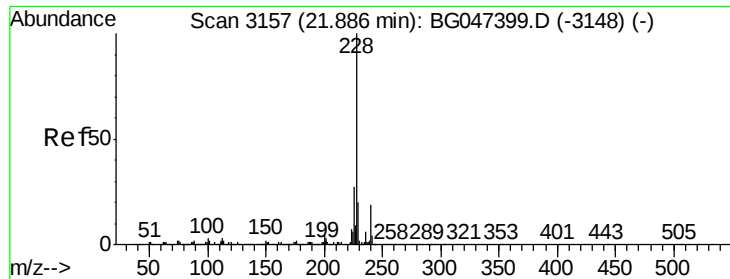
mohammad
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#80
Pyrene
Concen: 31.656 ng/ul
RT: 20.02 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	557802		
101	4.5	5.0	7.4#	
100	4.3	4.6	7.0#	





#83

Benzo(a)anthracene

Concen: 15.582 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Instrument :

BNA_G

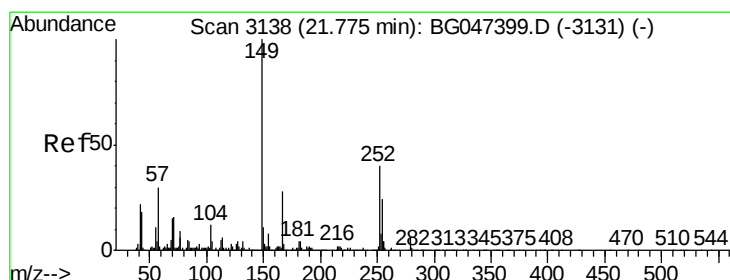
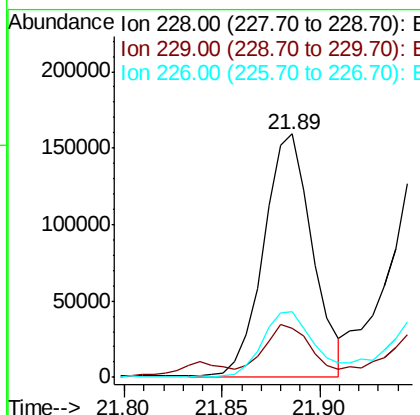
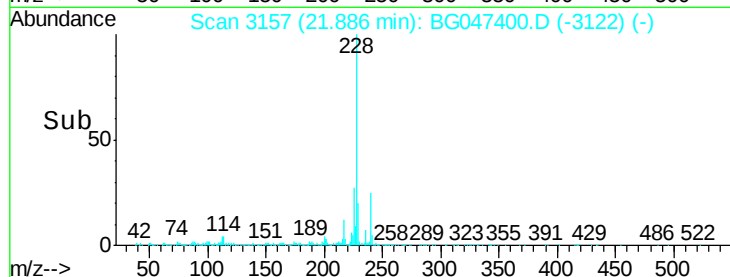
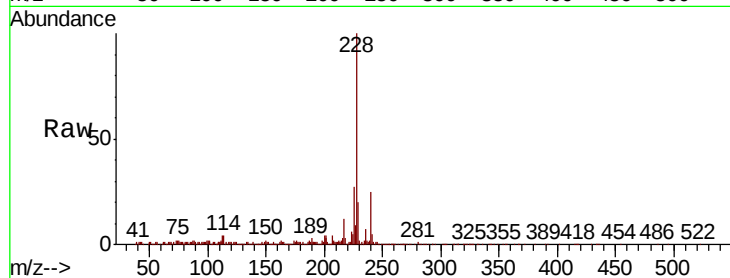
ClientSampleId :

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Tot Ion:	228	Resp:	275797
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.2	24.2
226	26.8	23.3	34.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.151 ng/ul

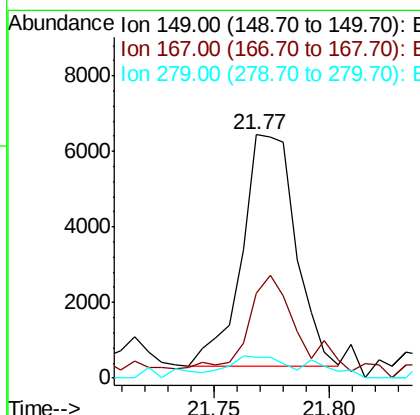
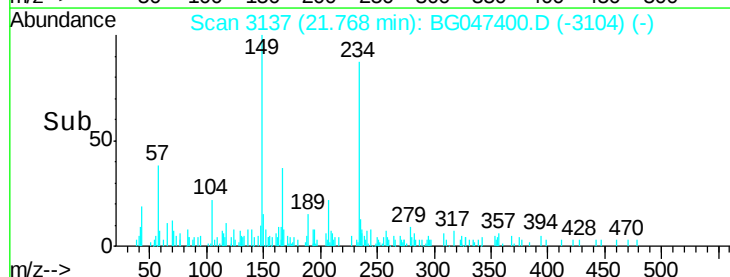
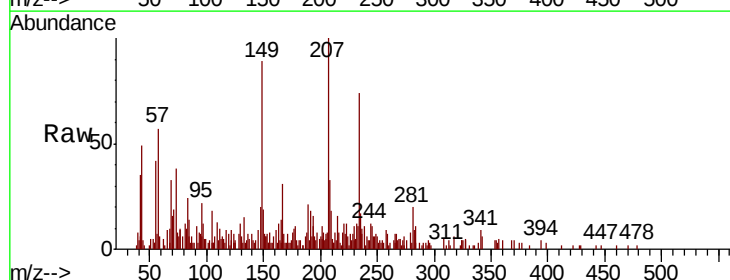
RT: 21.77 min Scan# 3137

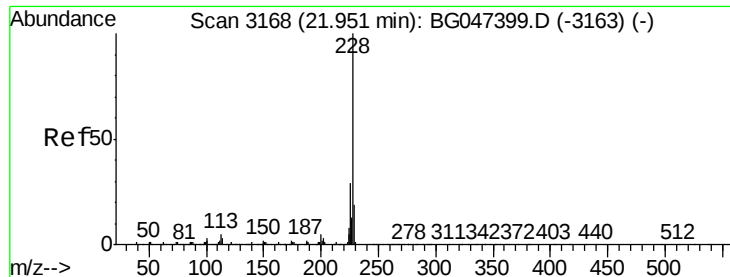
Delta R.T. -0.01 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Tgt Ion:	149	Resp:	9932
Ion Ratio	Lower	Upper	
149	100		
167	35.0	21.8	32.8#
279	8.8	4.2	6.2#





#85

Chrysene

Concen: 18.642 ng/ul

RT: 21.95 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Instrument :

BNA_G

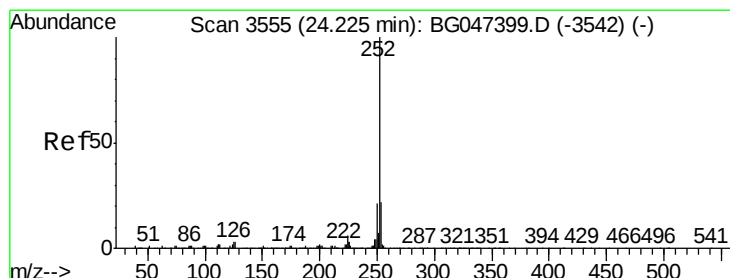
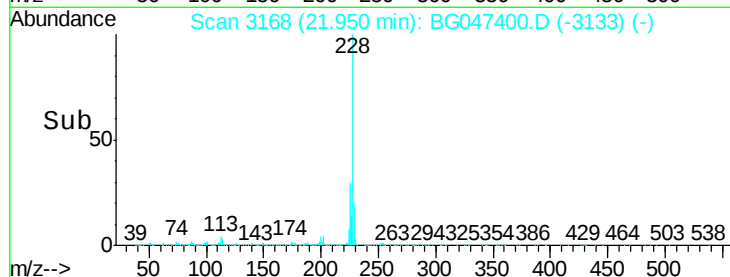
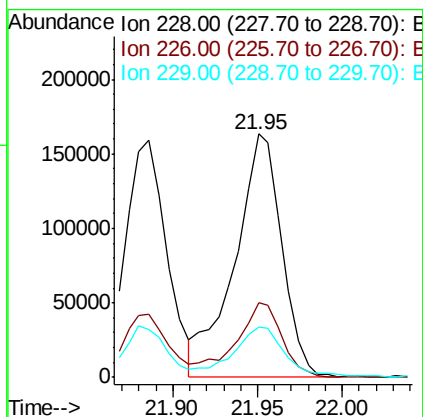
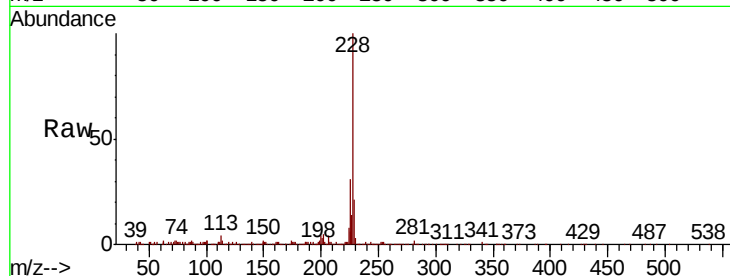
ClientSampled :

C0B36

Tot Ion:	228	Resp:	313983
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.6
229	20.7	16.3	24.5

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#88

Benzo(b)fluoranthene

Concen: 23.294 ng/ul

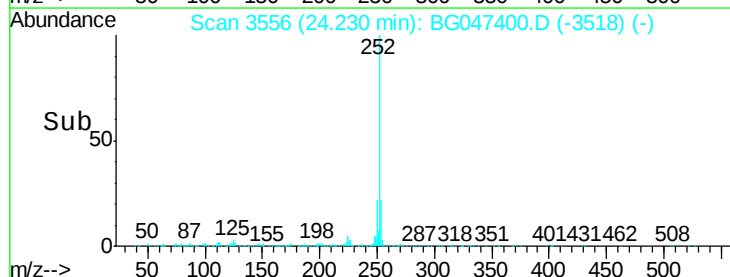
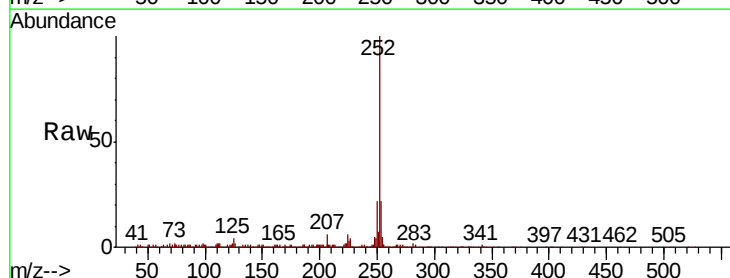
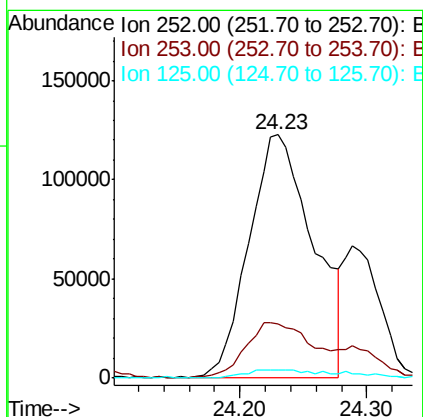
RT: 24.23 min Scan# 3556

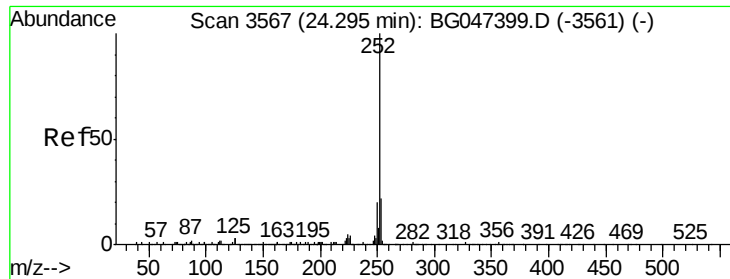
Delta R.T. 0.02 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Tgt Ion:	252	Resp:	433469
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	3.6	2.5	3.7





#89

Benzo(k)fluoranthene

Concen: 7.063 ng/ul

RT: 24.29 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Instrument :

BNA_G

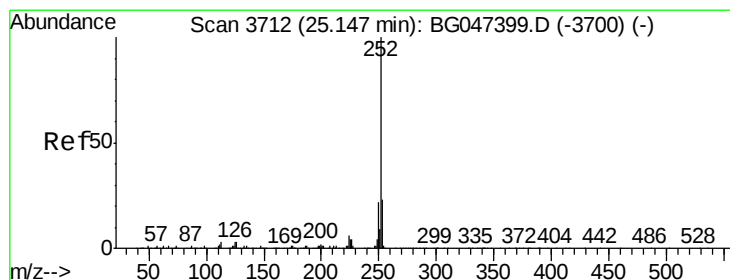
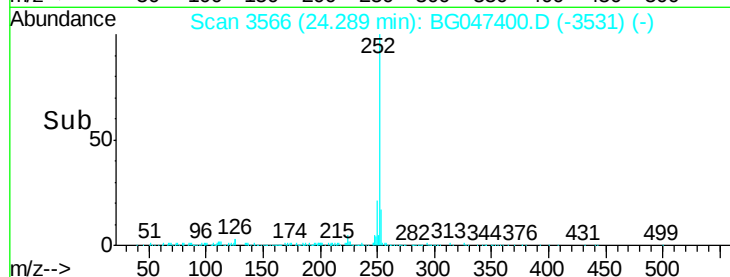
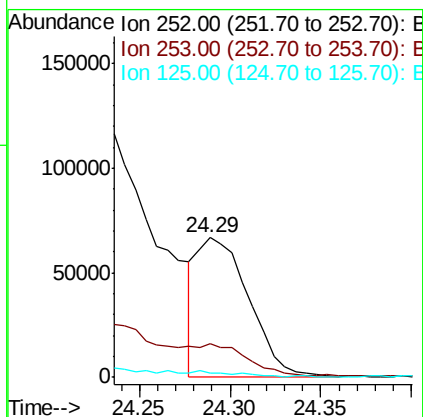
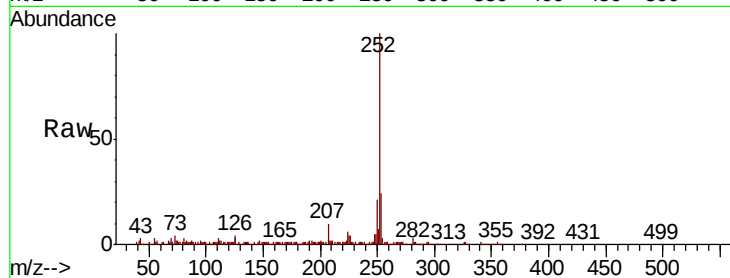
ClientSampleId :

C0B36

Tot Ion:	252	Resp:	129532
Ion Ratio	Lower	Upper	
252	100		
253	24.5	16.7	25.1
125	3.0	2.6	3.8

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 16.213 ng/ul

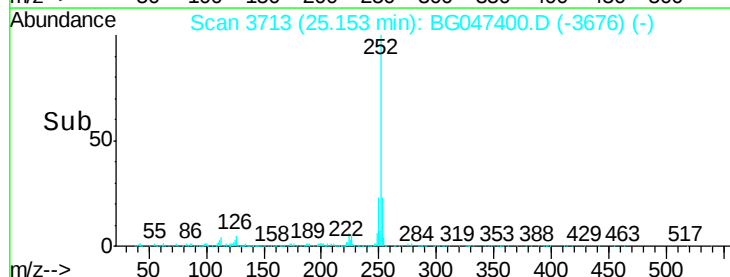
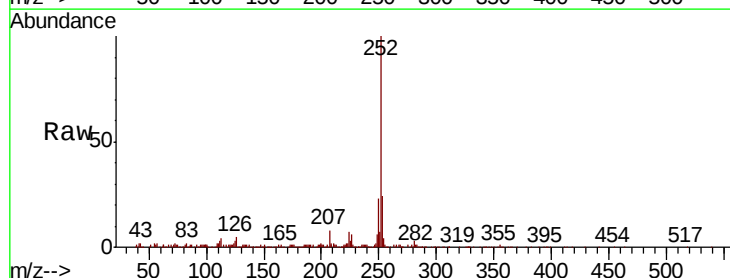
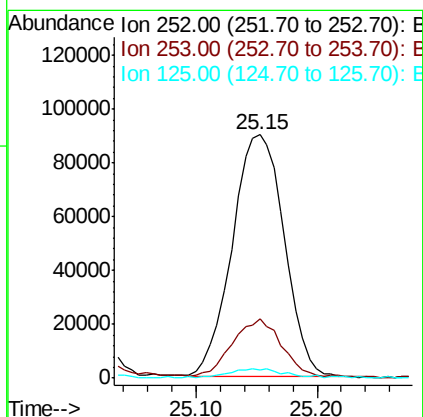
RT: 25.15 min Scan# 3713

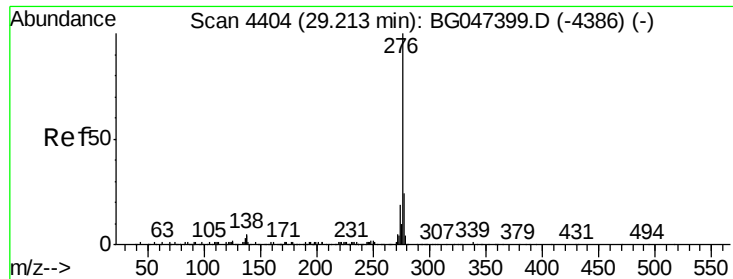
Delta R.T. 0.02 min

Lab File: BG047400.D

Acq: 21 Nov 2020 18:28

Tgt Ion:	252	Resp:	268959
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	3.2	3.1	4.7





#92

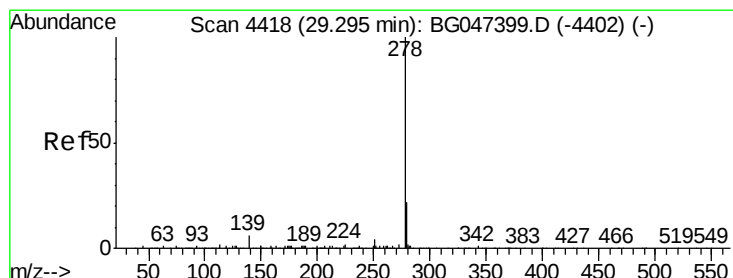
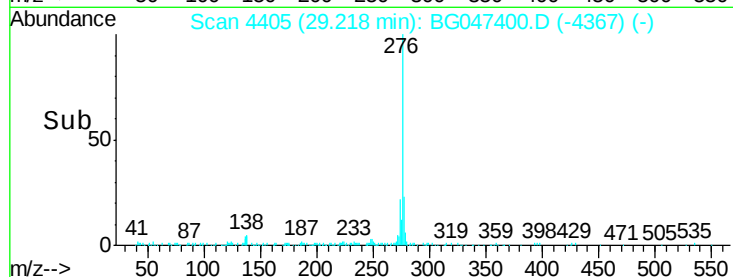
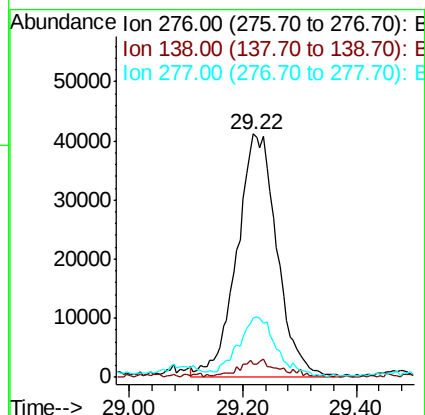
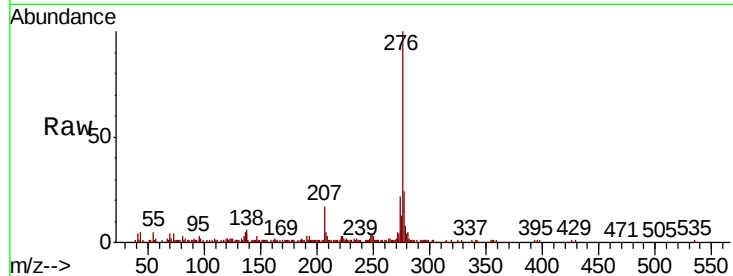
Indeno(1,2,3-cd)pyrene
Concen: 10.041 ng/ul m
RT: 29.22 min Scan# 4405
Delta R.T. 0.02 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Instrument :
BNA_G
ClientSampleId :
C0B36

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.6	7.5	11.3#
277	24.3	19.9	29.9

Manual Integrations
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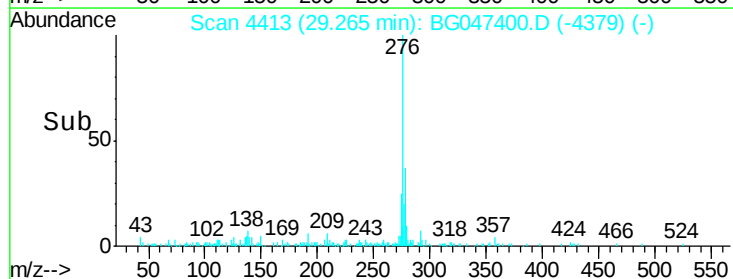
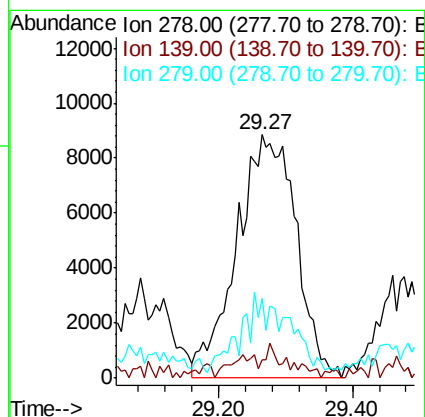
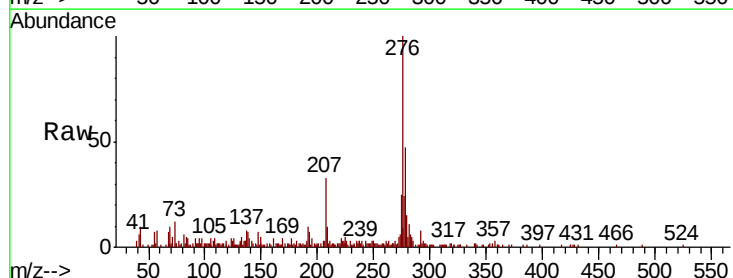
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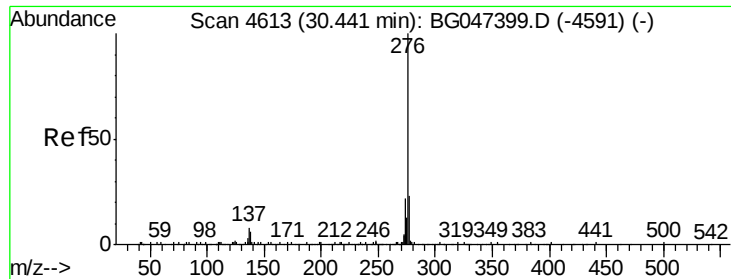


#93

Dibenzo(a,h)anthracene
Concen: 3.295 ng/ul m
RT: 29.27 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BG047400.D
Acq: 21 Nov 2020 18:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.7	5.8	8.6
279	32.8	20.0	30.0#





#94
 Benzo(a,h,i)perylene
 Concen: 11.386 ng/ul m
 RT: 30.46 min Scan# 4616
 Delta R.T. 0.04 min
 Lab File: BG047400.D
 Acq: 21 Nov 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 C0B36

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	8.2	12.2#
277	22.1	17.5	26.3

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:40 AM

