

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047822.D
 Acq On : 24 Dec 2020 7:23
 Operator : CG/JU
 Sample : L5149-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB8A0

Manual Integrations
 APPROVED

mohammad
 12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:12:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 05:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35084	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	130296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	98475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	224774	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	204275	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	202549	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5517	8.37	ng/uL	0.00
5) Phenol-d5	7.33	99	112730	37.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	55826	36.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	81448	35.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	82519	34.62	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	41225	38.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	50647	39.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	100652	36.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	105036	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	290426	33.95	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	366310	37.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42118	33.20	ng/ul	0.00
58) Fluorene-d10	15.81	176	266315	33.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	51065m	33.56	ng/ul	0.00
71) Anthracene-d10	17.66	188	404221	36.05	ng/ul	0.00
79) Pyrene-d10	19.93	212	439012	36.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	444009	37.53	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.08	128	10516	1.447	ng/ul#	90
50) Acenaphthene	14.88	153	8027	1.253	ng/ul#	83
59) Fluorene	15.87	166	9640	1.206	ng/ul#	89
70) Phenanthrene	17.60	178	161313	13.241	ng/ul	98
72) Anthracene	17.69	178	31873	2.625	ng/ul	97
75) Carbazole	17.95	167	12433	1.284	ng/ul#	90
77) Fluoranthene	19.59	202	297761	19.209	ng/ul#	99
80) Pyrene	19.96	202	249059	16.764	ng/ul	99
83) Benzo(a)anthracene	21.81	228	145126	9.944	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	8083	1.165	ng/ul#	88
85) Chrysene	21.88	228	132431	9.615	ng/ul	96
88) Benzo(b)fluoranthene	24.12	252	188506	13.332	ng/ul#	94
89) Benzo(k)fluoranthene	24.17	252	53987m	3.853	ng/ul	
91) Benzo(a)pyrene	25.02	252	120075	9.417	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.00	276	78521m	5.050	ng/ul	
93) Dibenzo(a,h)anthracene	29.06	278	25466m	1.954	ng/ul	
94) Benzo(g,h,i)perylene	30.20	276	77393m	6.062	ng/ul	

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

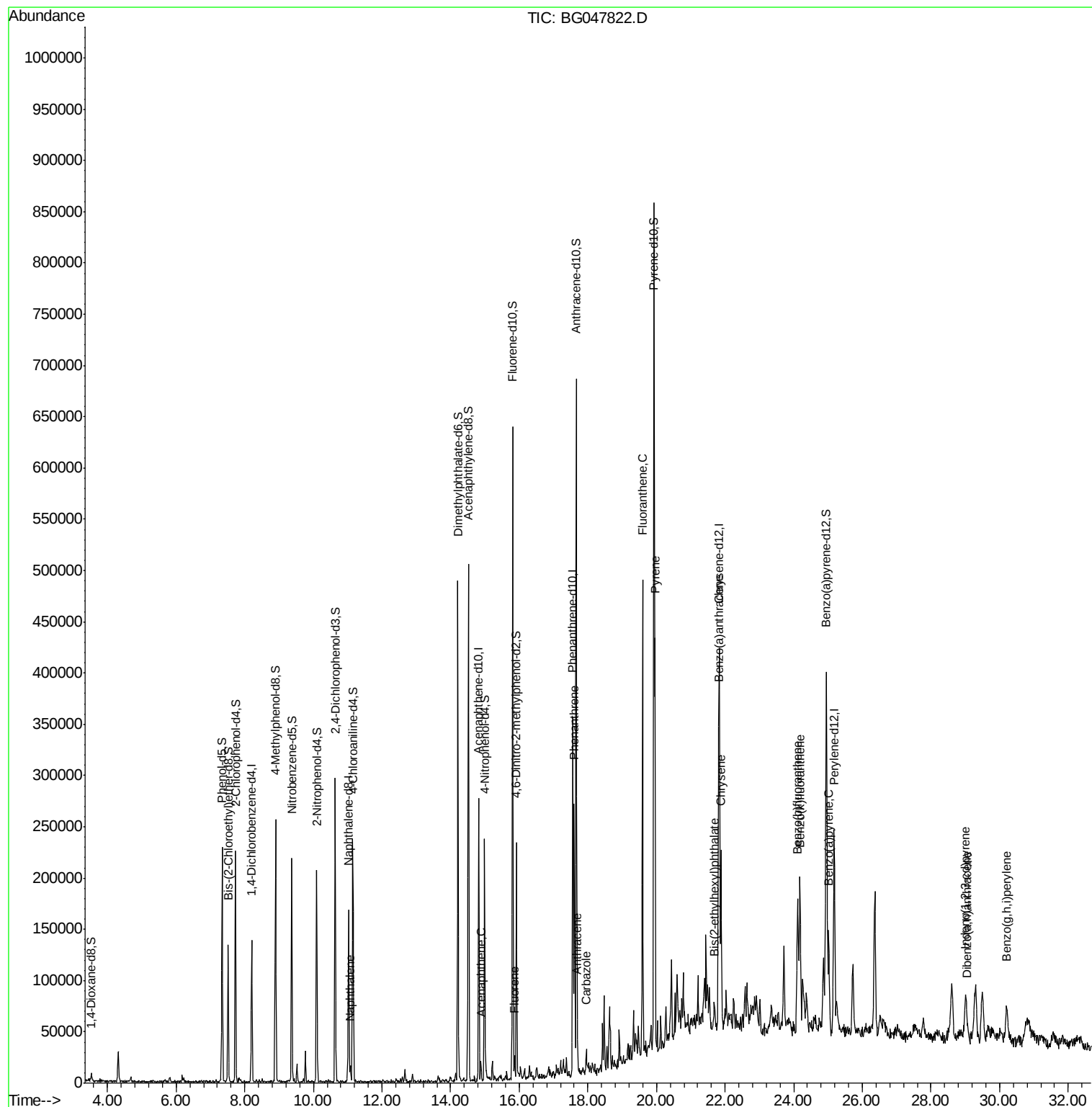
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

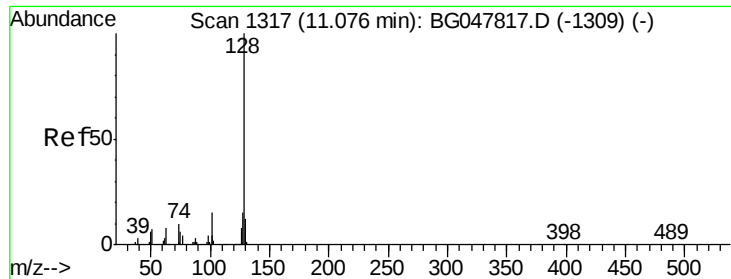
Instrument :
BNA_G
ClientSampled :
CB8A0

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Quant Time: Dec 24 08:12:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
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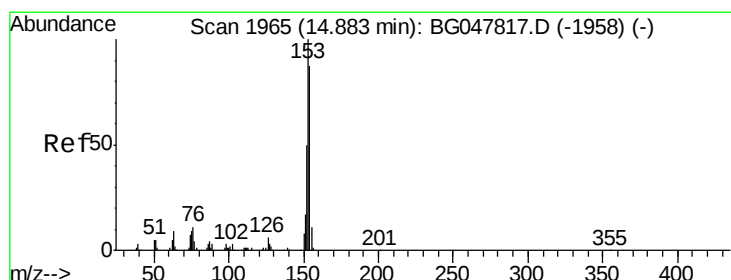
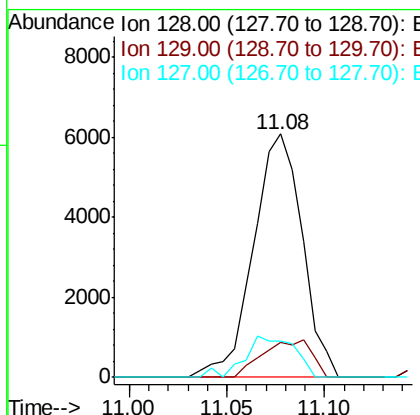
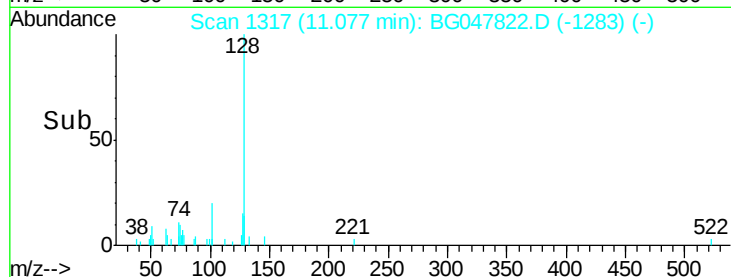
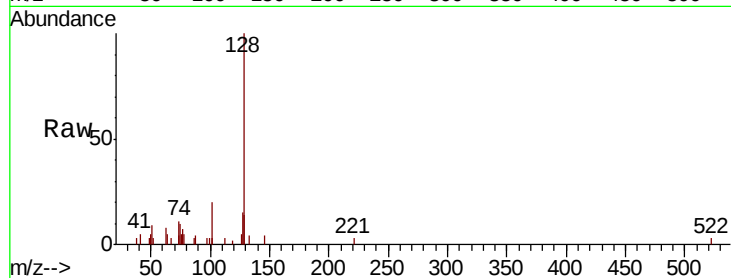
#28
Naphthalene
Concen: 1.447 ng/ul
RT: 11.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Instrument :
BNA_G
ClientSampleId :
CB8A0

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	14.4	8.6	13.0#	
127	14.9	8.7	13.1#	

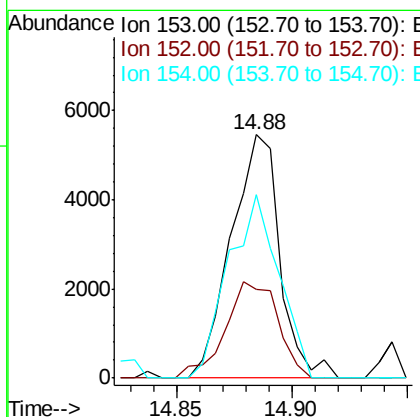
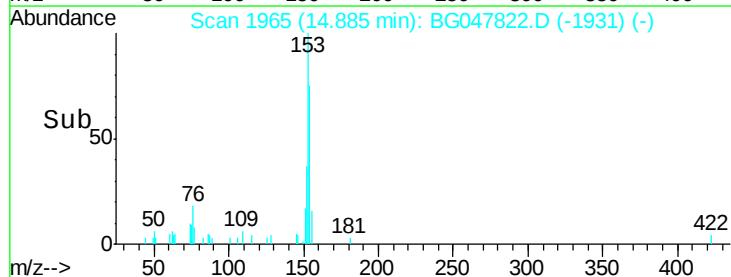
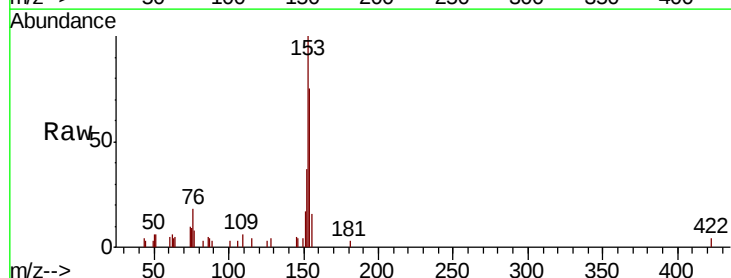
Manual Integrations
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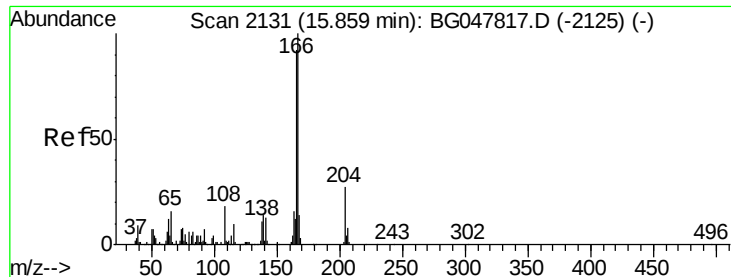
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#50
Acenaphthene
Concen: 1.253 ng/ul
RT: 14.88 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
153	100			
152	36.6	38.2	57.4#	
154	75.4	73.8	110.6	





#59

Fluorene

Concen: 1.206 ng/ul

RT: 15.87 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Instrument :

BNA_G

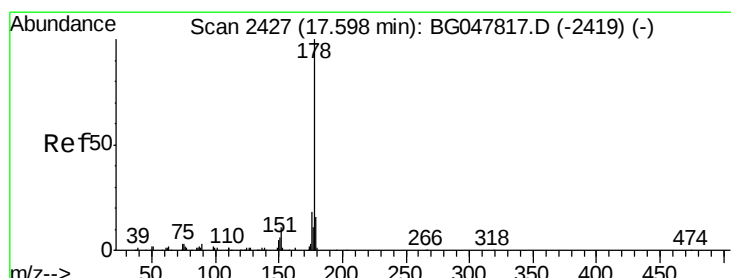
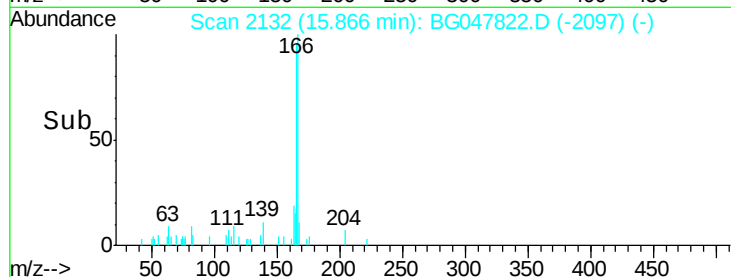
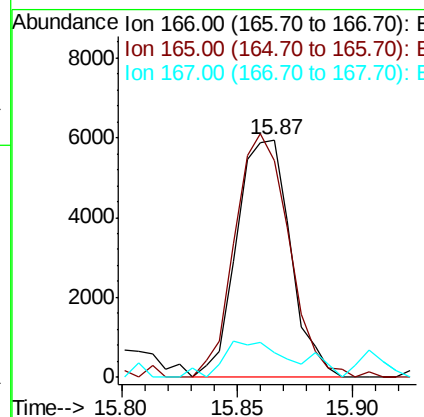
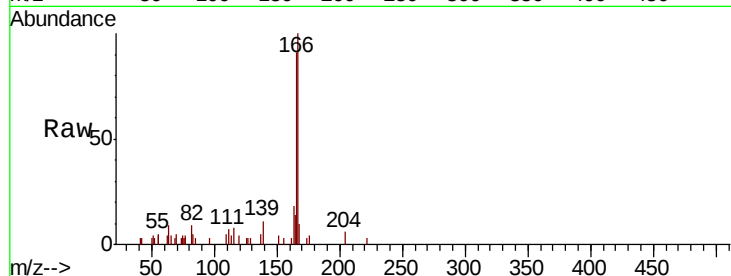
ClientSampleId :

CB8A0

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.1	81.8	122.6
167	10.4	11.1	16.7

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#70

Phenanthrene

Concen: 13.241 ng/ul

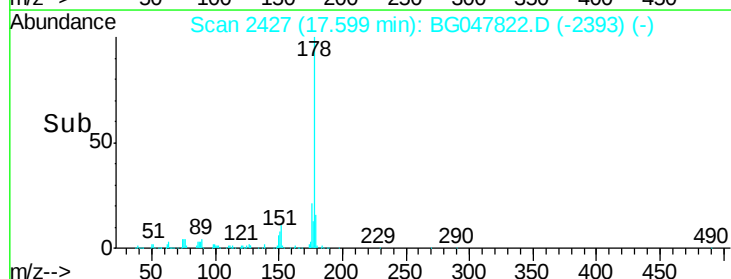
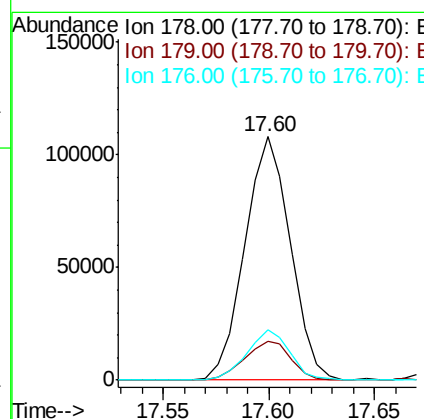
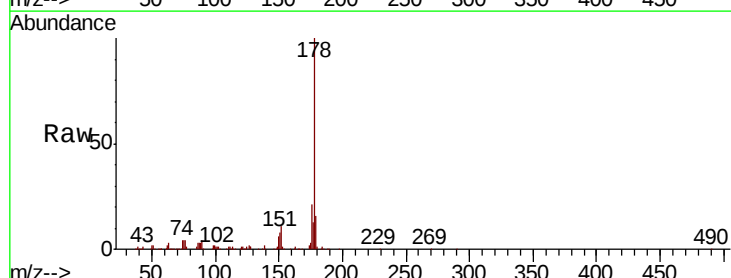
RT: 17.60 min Scan# 2427

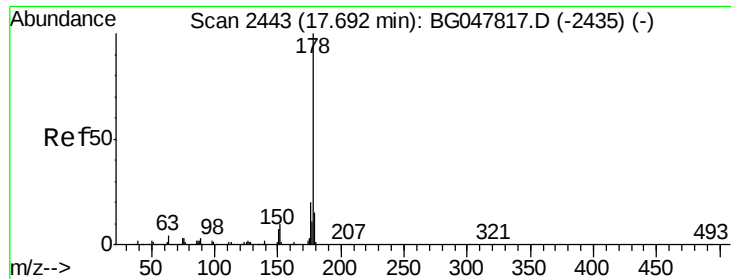
Delta R.T. 0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.1	19.7
176	20.5	15.2	22.8





#72

Anthracene

Concen: 2.625 ng/ul

RT: 17.69 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Instrument :

BNA_G

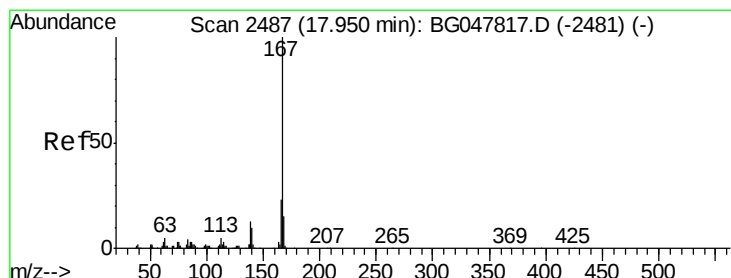
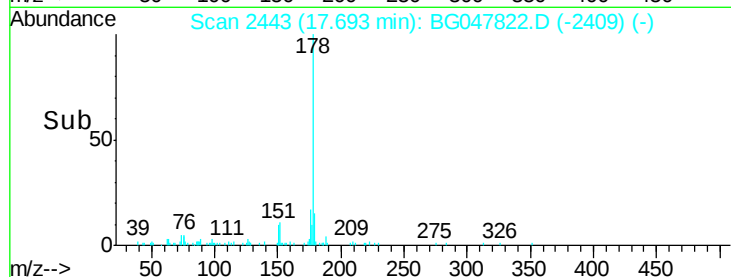
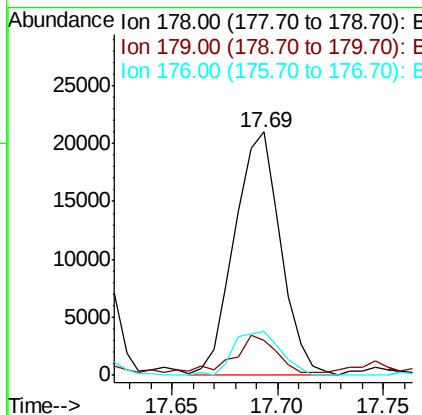
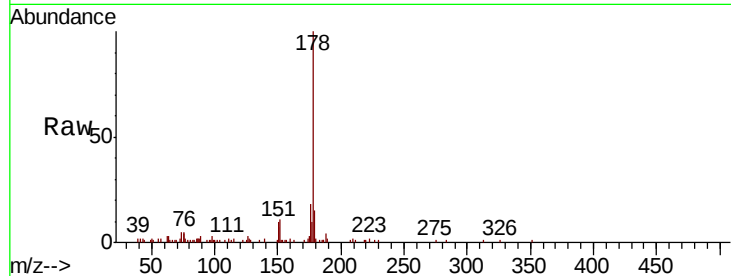
ClientSampleId :

CB8A0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.1	19.7
176	18.2	15.4	23.2

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#75

Carbazole

Concen: 1.284 ng/ul

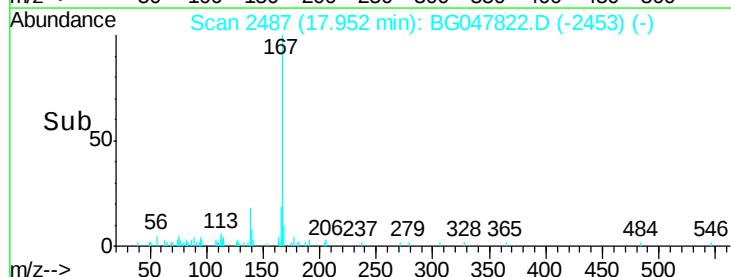
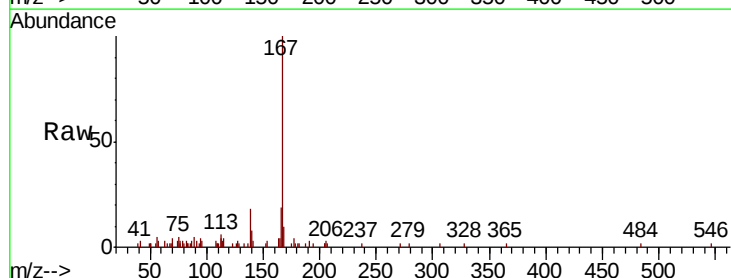
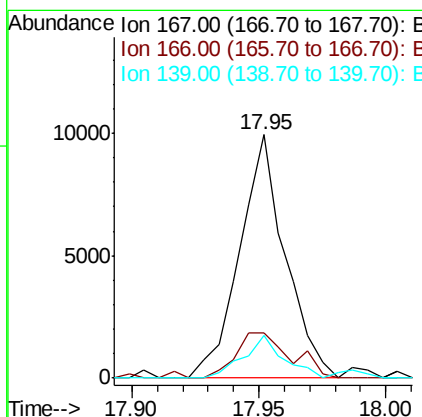
RT: 17.95 min Scan# 2487

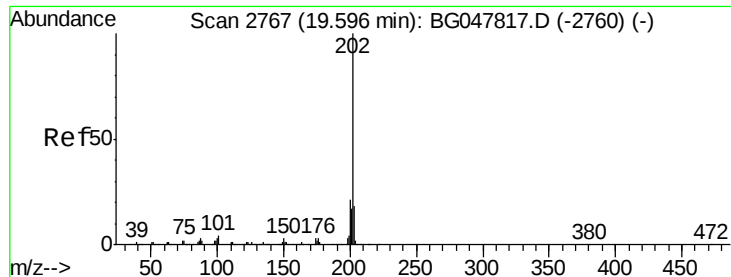
Delta R.T. 0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.8	19.4	29.0#
139	17.5	11.0	16.6#





#77

Fluoranthene

Concen: 19.209 ng/ul

RT: 19.59 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Instrument :

BNA_G

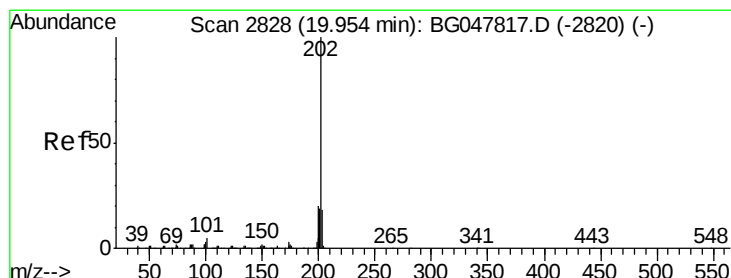
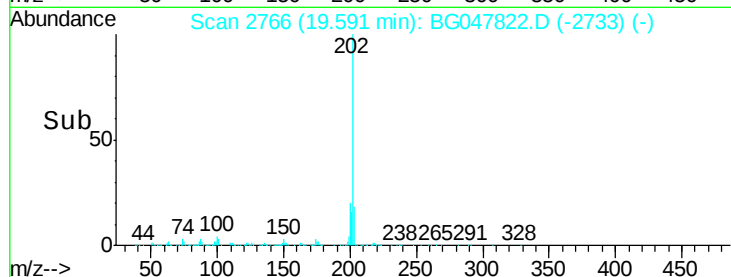
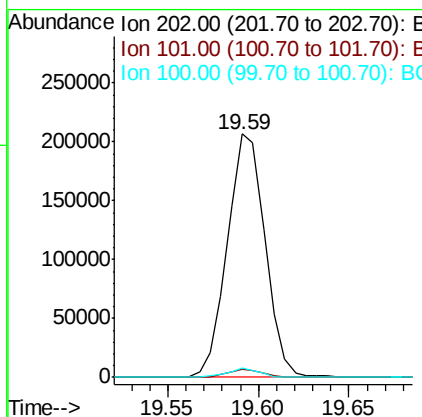
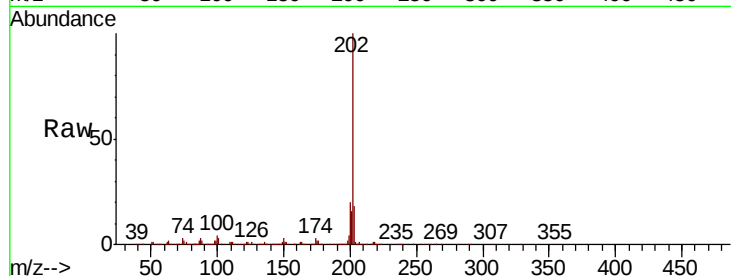
ClientSampleId :

CB8A0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	297761		
101	3.5	2.8	4.2	
100	3.7	2.5	3.7	

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#80

Pyrene

Concen: 16.764 ng/ul

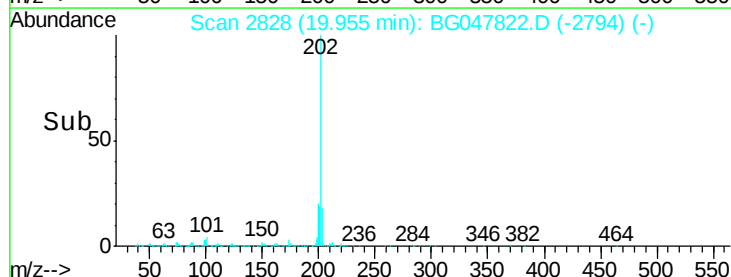
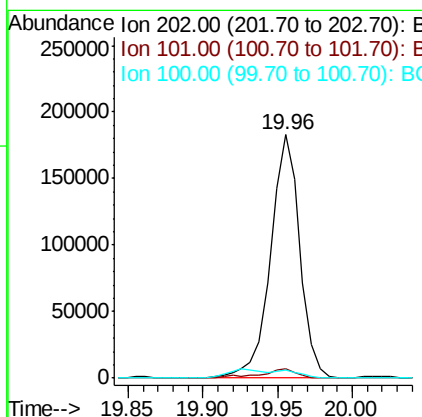
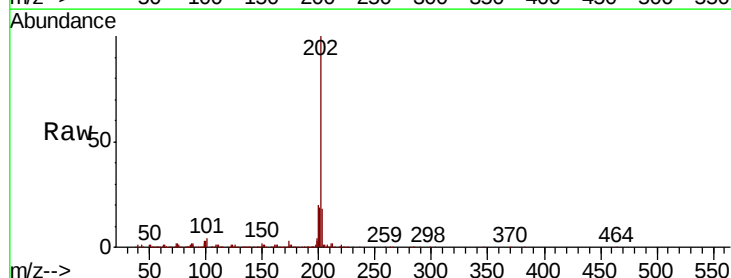
RT: 19.96 min Scan# 2828

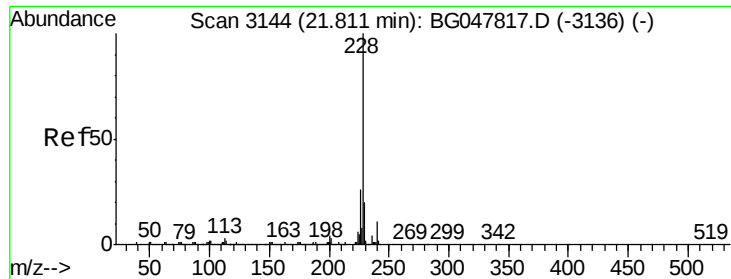
Delta R.T. 0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	249059		
101	4.0	3.7	5.5	
100	3.4	2.7	4.1	





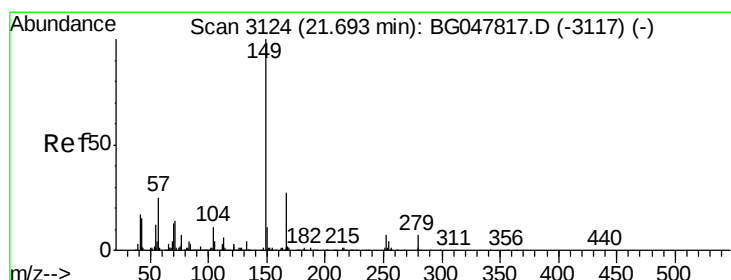
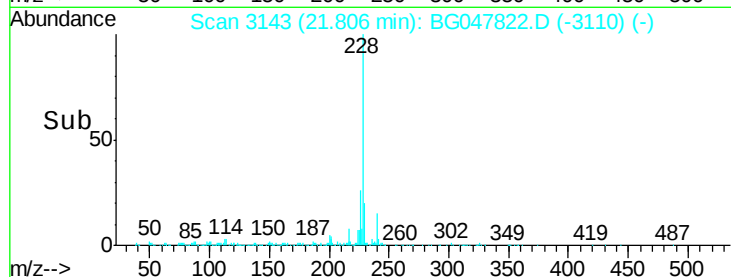
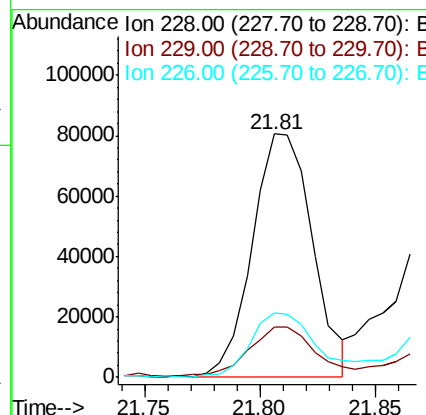
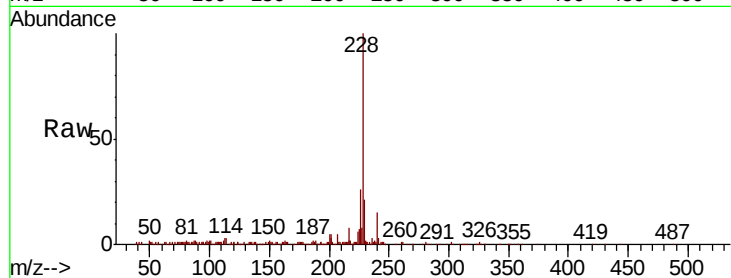
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Benzo(a)anthracene
Concen: 9.944 ng/ul
RT: 21.81 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Instrument :
BNA_G
ClientSampleId :
CB8A0

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.0	25.4
226	26.3	21.3	31.9

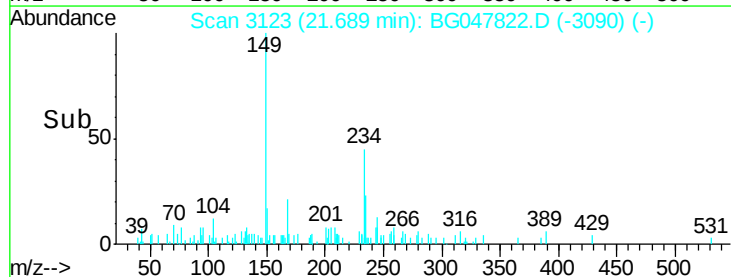
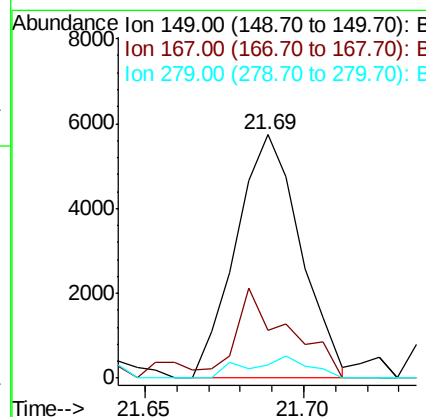
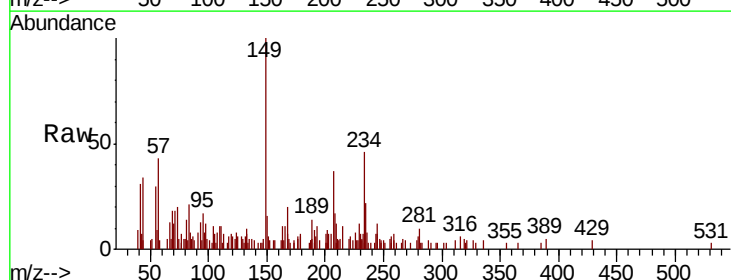
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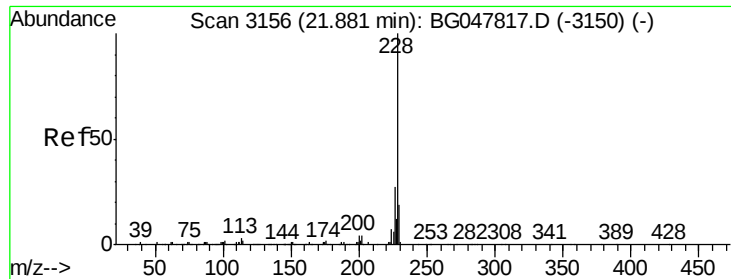
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.165 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	19.7	21.8	32.8#
279	5.6	5.7	8.5#





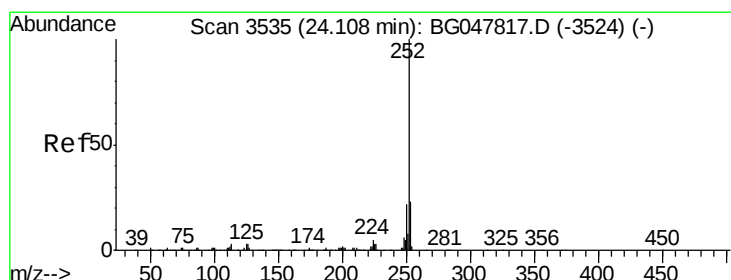
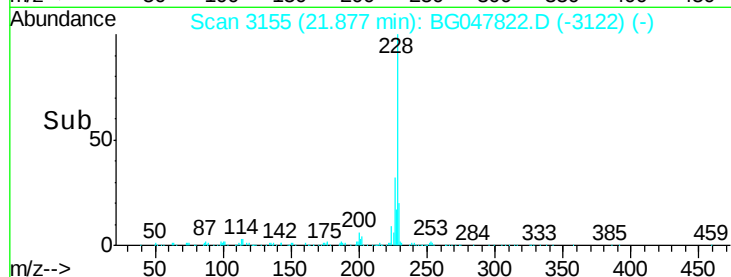
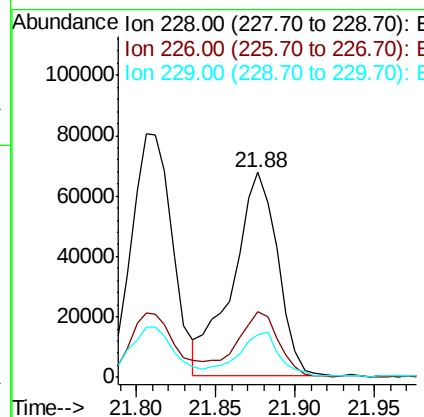
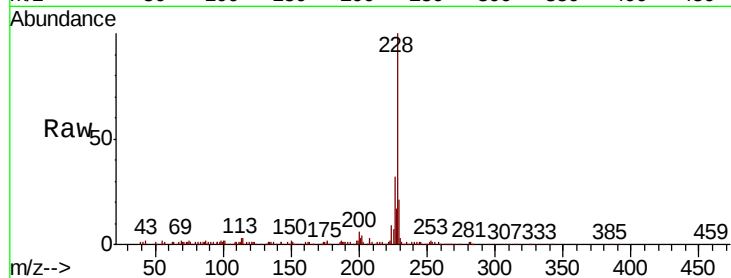
#85
Chrysene
Concen: 9.615 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Instrument :
BNA_G
ClientSampleId :
CB8A0

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.4
229	20.6	16.0	24.0

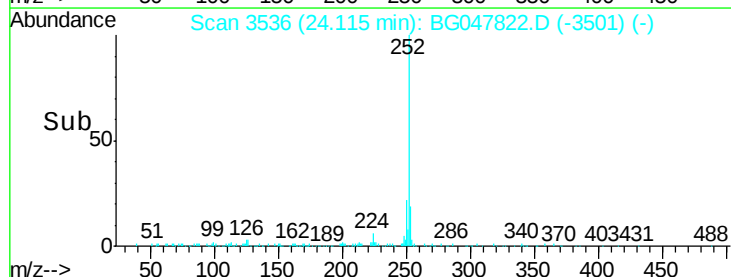
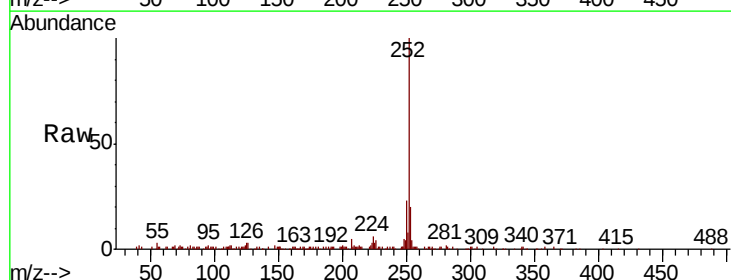
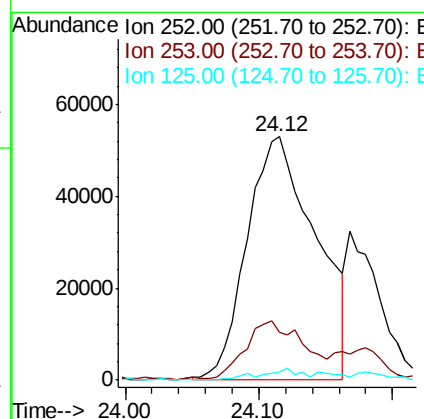
Manual Integrations
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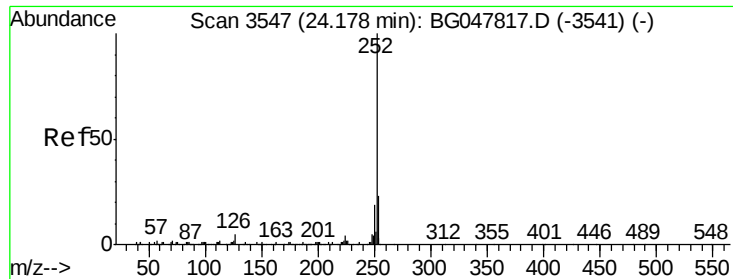
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#88
Benzo(b)fluoranthene
Concen: 13.332 ng/ul
RT: 24.12 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG047822.D
Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.6	18.2	27.2
125	3.4	2.2	3.2#





#89

Benzo(k)fluoranthene

Concen: 3.853 ng/ul m

RT: 24.17 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Instrument :

BNA_G

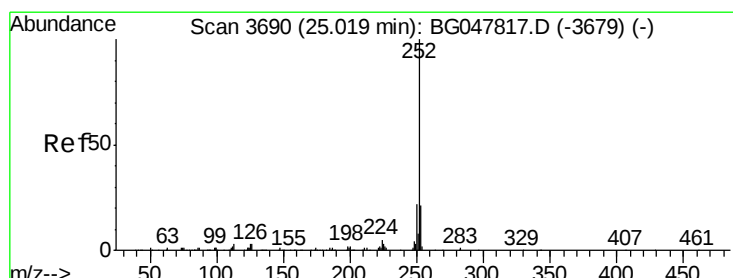
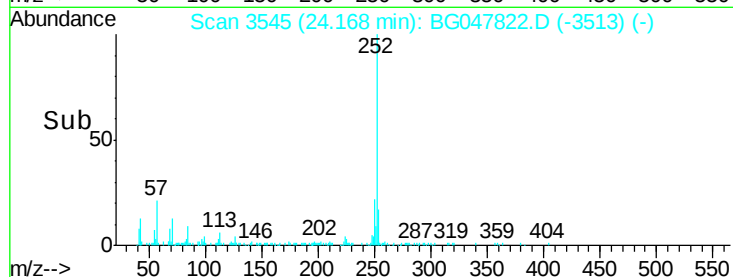
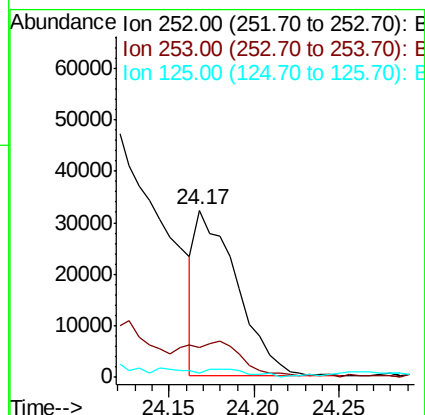
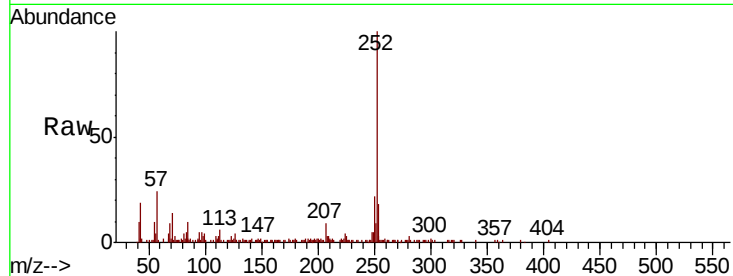
ClientSampleId :

CB8A0

Tot Ion:	252	Resp:	53987
Ion Ratio	Lower	Upper	
252	100		
253	17.6	17.2	25.8
125	2.4	3.1	4.7#

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#91

Benzo(a)pyrene

Concen: 9.417 ng/ul

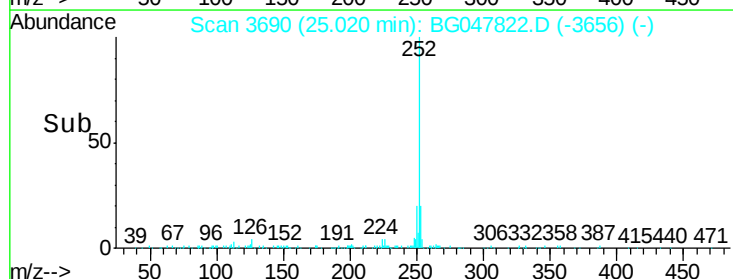
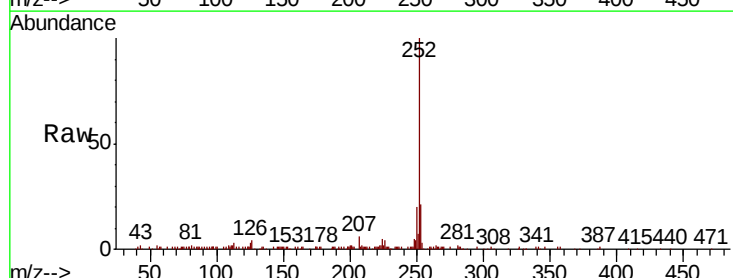
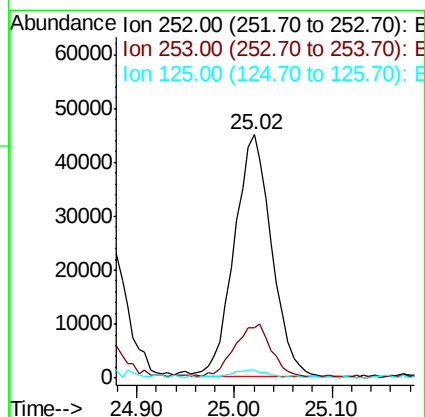
RT: 25.02 min Scan# 3690

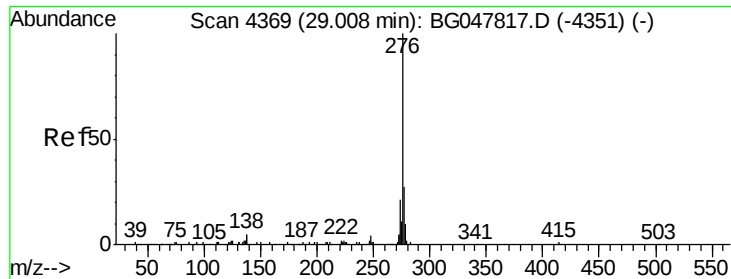
Delta R.T. 0.00 min

Lab File: BG047822.D

Acq: 24 Dec 2020 7:23

Tgt Ion:	252	Resp:	120075
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.1	25.7
125	3.4	2.2	3.2#





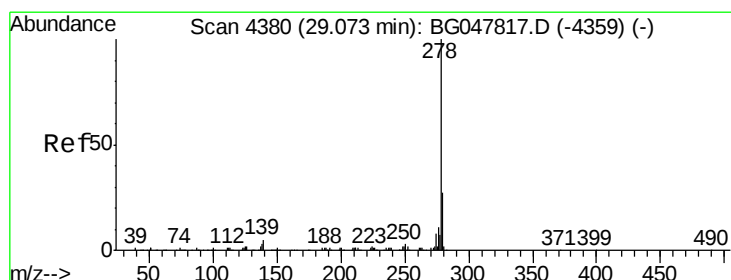
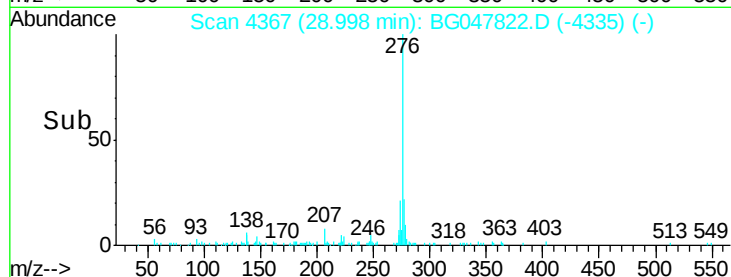
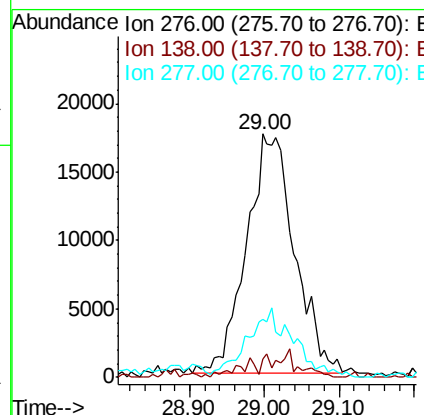
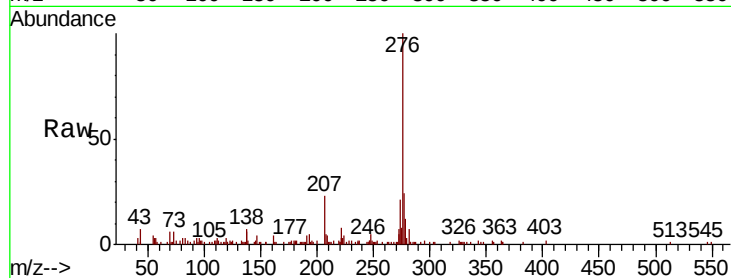
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.050 ng/ul m
 RT: 29.00 min Scan# 4367
 Delta R.T. -0.01 min
 Lab File: BG047822.D
 Acq: 24 Dec 2020 7:23

Instrument :
 BNA_G
 ClientSampleId :
 CB8A0

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	4.6	7.0#
277	23.7	19.9	29.9

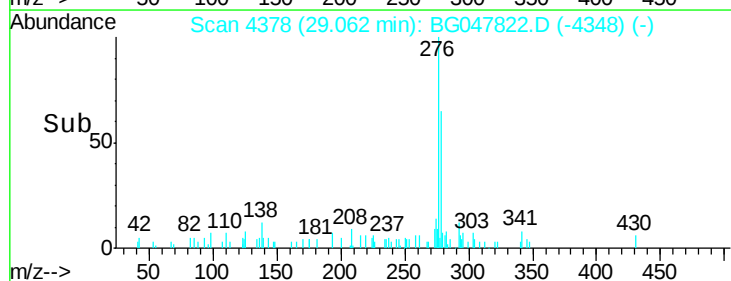
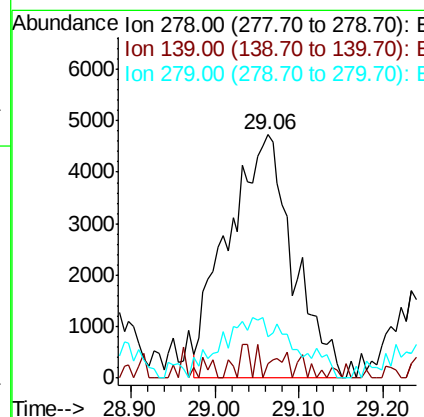
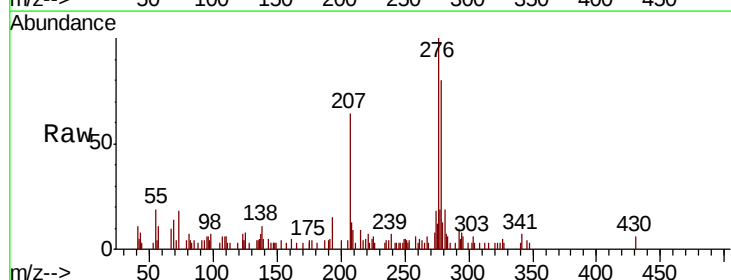
Manual Integrations
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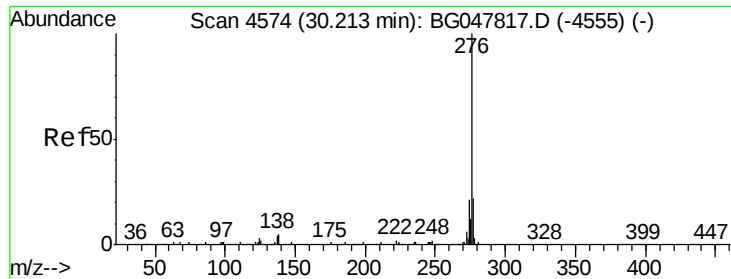
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.954 ng/ul m
 RT: 29.06 min Scan# 4378
 Delta R.T. -0.02 min
 Lab File: BG047822.D
 Acq: 24 Dec 2020 7:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	5.8	5.1	7.7
279	16.8	18.2	27.2#





#94
 Benzo(a,h,i)perylene
 Concen: 6.062 ng/ul m
 RT: 30.20 min Scan# 4572
 Delta R.T. 0.00 min
 Lab File: BG047822.D
 Acq: 24 Dec 2020 7:23

Instrument :
 BNA_G
 ClientSampleId :
 CB8A0

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.9	5.4	8.0#
277	24.3	17.8	26.8

Manual Integrations
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