

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047821.D
 Acq On : 24 Dec 2020 6:43
 Operator : CG/JU
 Sample : L5149-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB899

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 07:28:08 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	8.19	152	35323	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	131649	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	96320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	224862	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	201102	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	204918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5811	8.76	ng/uL	0.00
5) Phenol-d5	7.34	99	112611	37.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	61536	39.60	ng/ul	0.01
9) 2-Chlorophenol-d4	7.72	132	84493	36.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	88980	37.08	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	41739	38.88	ng/ul	0.01
22) 2-Nitrophenol-d4	10.09	143	51339	39.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	100631	35.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	110515	42.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	302504	36.16	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	378885	39.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	43540	35.09	ng/ul	0.00
58) Fluorene-d10	15.81	176	275135	35.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	52959	34.79	ng/ul	0.00
71) Anthracene-d10	17.65	188	414170	36.93	ng/ul	0.00
79) Pyrene-d10	19.93	212	448049	37.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	443625	37.06	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.08	128	11627	1.584	ng/ul#	92
34) 2-Methylnaphthalene	12.67	142	5681	1.004	ng/ul#	76
50) Acenaphthene	14.88	153	8467	1.351	ng/ul#	73
59) Fluorene	15.86	166	9245	1.183	ng/ul	91
70) Phenanthrene	17.60	178	172510	14.155	ng/ul	98
72) Anthracene	17.69	178	33193m	2.732	ng/ul	
75) Carbazole	17.95	167	13362	1.379	ng/ul#	92
77) Fluoranthene	19.59	202	314542	20.283	ng/ul#	98
80) Pvrene	19.96	202	259481	17.741	ng/ul	98
83) Benzo(a)anthracene	21.81	228	161903	11.269	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.69	149	11336	1.660	ng/ul#	97
85) Chrysene	21.88	228	135960	10.027	ng/ul	98
88) Benzo(b)fluoranthene	24.11	252	182545	12.761	ng/ul	97
89) Benzo(k)fluoranthene	24.17	252	70858m	4.998	ng/ul	
91) Benzo(a)pyrene	25.02	252	129353	10.028	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.00	276	87799m	5.581	ng/ul	
93) Dibenzo(a,h)anthracene	29.04	278	22842m	1.732	ng/ul	
94) Benzo(g,h,i)perylene	30.20	276	76866m	5.952	ng/ul	

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

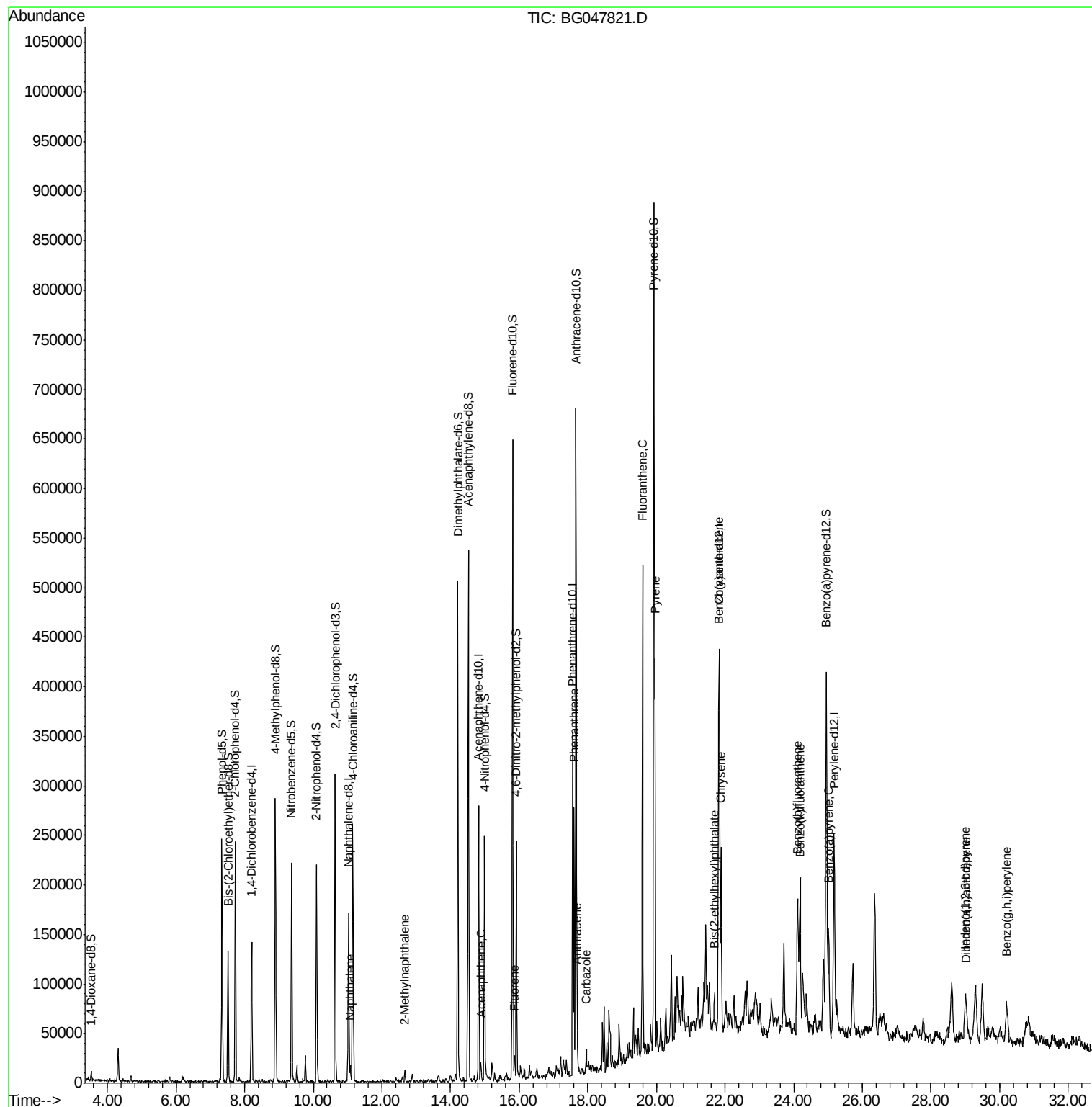
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047821.D
Acq On : 24 Dec 2020 6:43
Operator : CG/JU
Sample : L5149-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

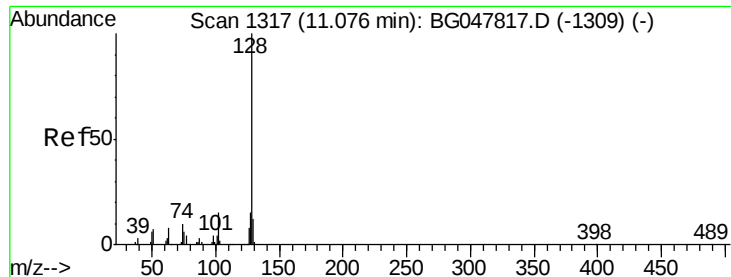
Instrument :
BNA_G
ClientSampleID :
CB899

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
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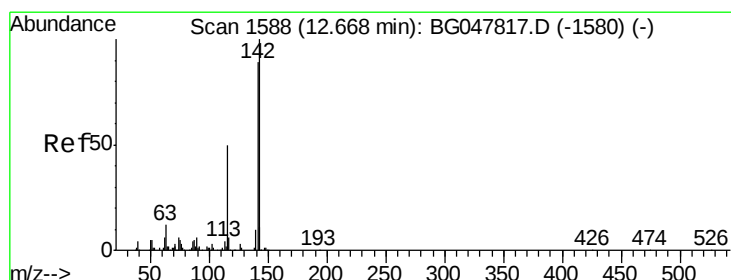
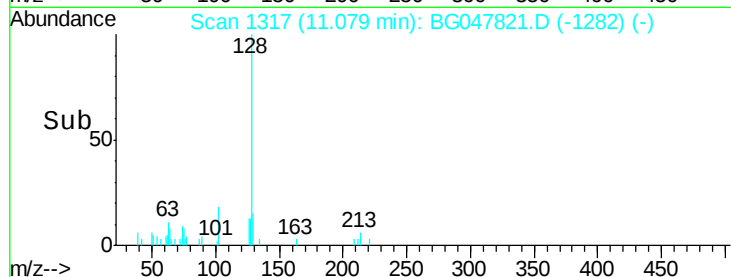
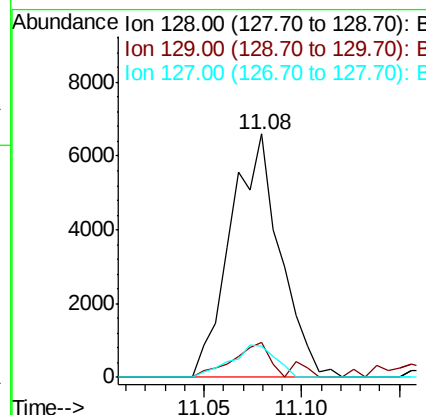
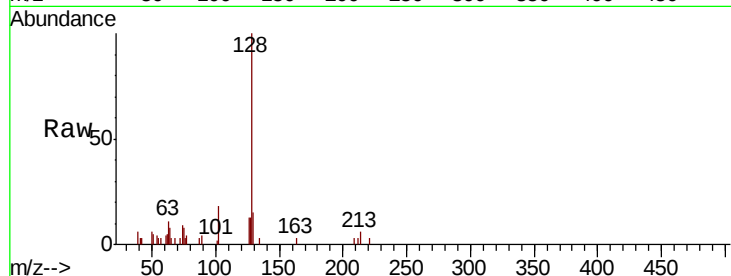
#28
Naphthalene
Concen: 1.584 ng/ul
RT: 11.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Instrument :
BNA_G
ClientSampleId :
CB899

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.6	13.0#
127	12.9	8.7	13.1

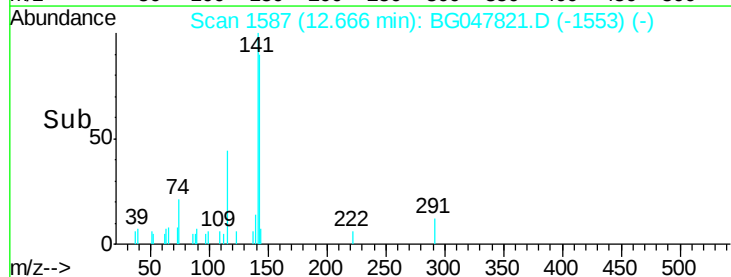
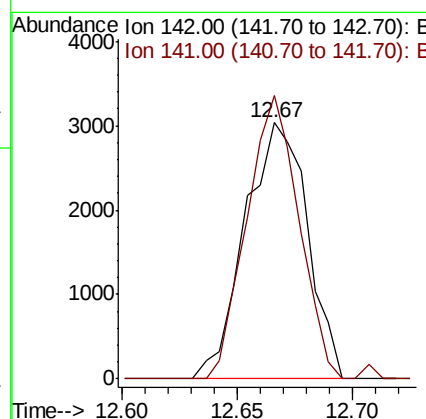
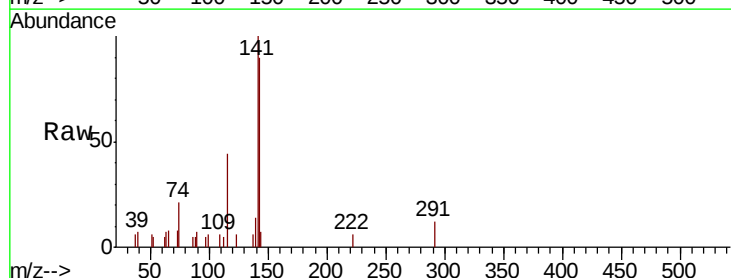
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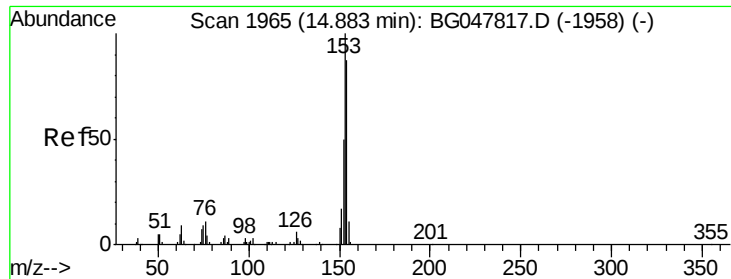
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#34
2-Methylnaphthalene
Concen: 1.004 ng/ul
RT: 12.67 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	110.6	70.9	106.3#





#50

Acenaphthene

Concen: 1.351 ng/ul

RT: 14.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Instrument :

BNA_G

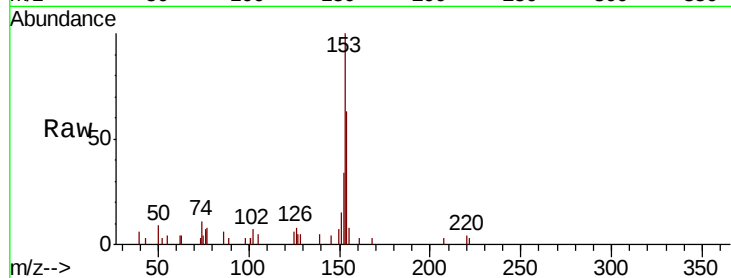
ClientSampleId :

CB899

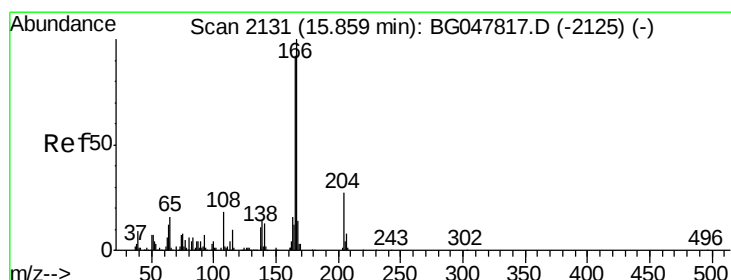
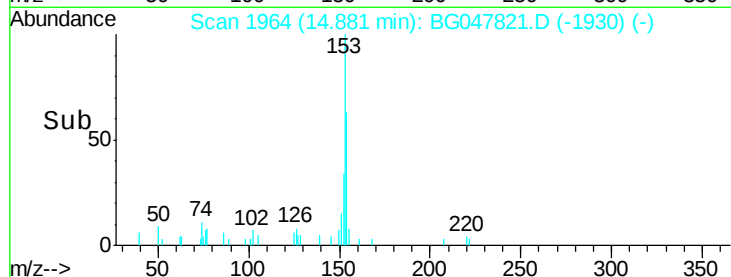
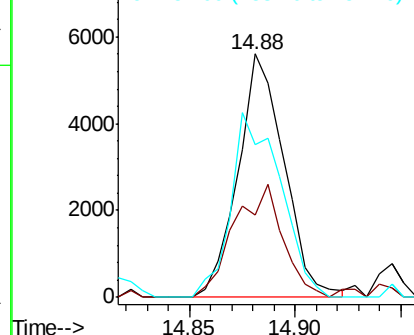
Tot Ion:	153	Resp:	8467
Ion Ratio	Lower	Upper	
153	100		
152	33.7	38.2	57.4#
154	62.7	73.8	110.6#

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.183 ng/ul

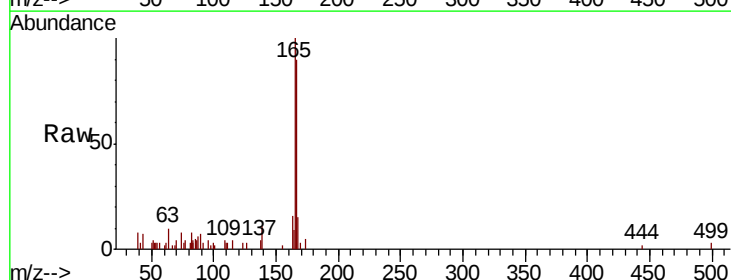
RT: 15.86 min Scan# 2131

Delta R.T. 0.00 min

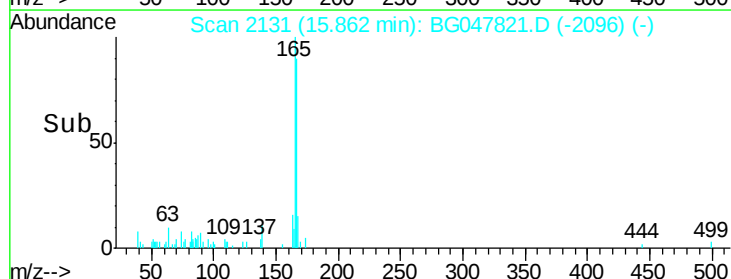
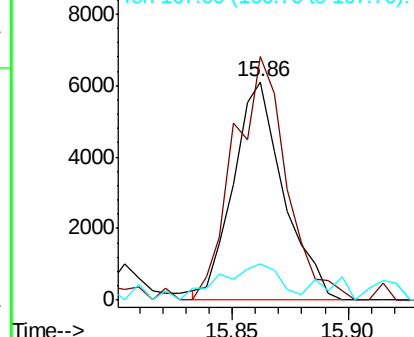
Lab File: BG047821.D

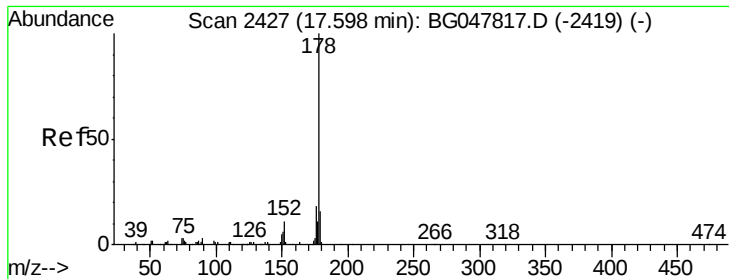
Acq: 24 Dec 2020 6:43

Tgt Ion:	166	Resp:	9245
Ion Ratio	Lower	Upper	
166	100		
165	111.5	81.8	122.6
167	16.6	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





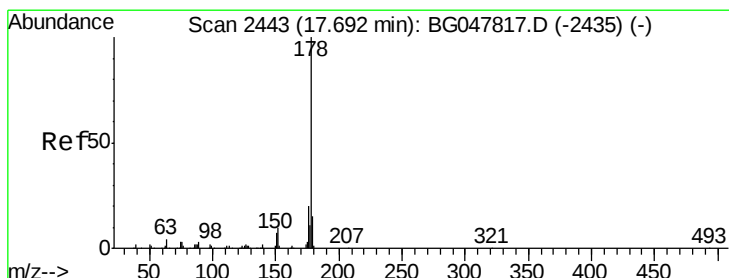
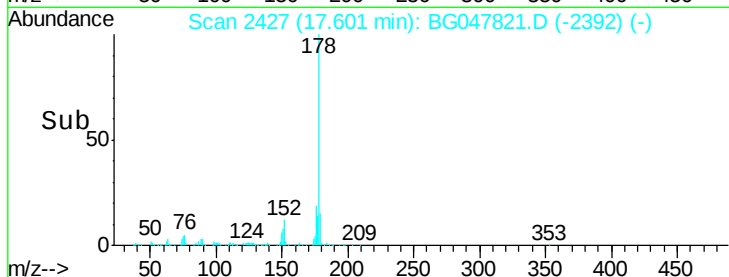
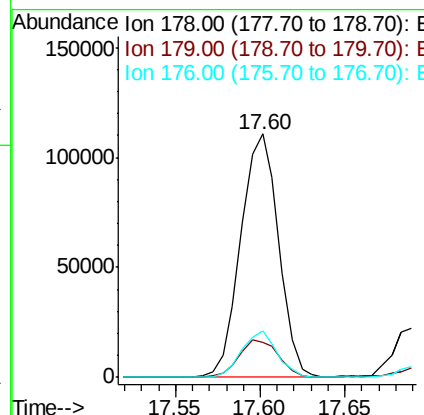
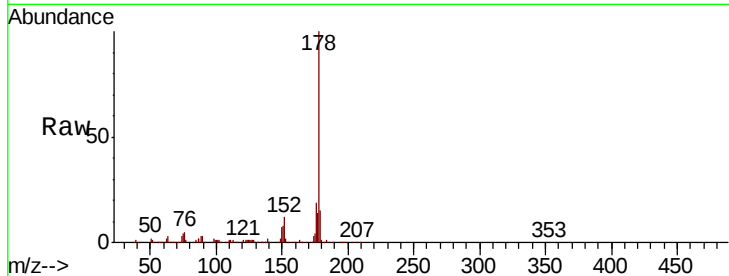
#70
Phenanthrene
Concen: 14.155 ng/ul
RT: 17.60 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Instrument :
BNA_G
ClientSampled :
CB899

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.1	19.7
176	18.9	15.2	22.8

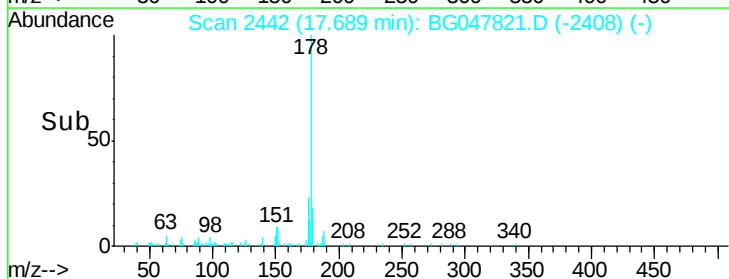
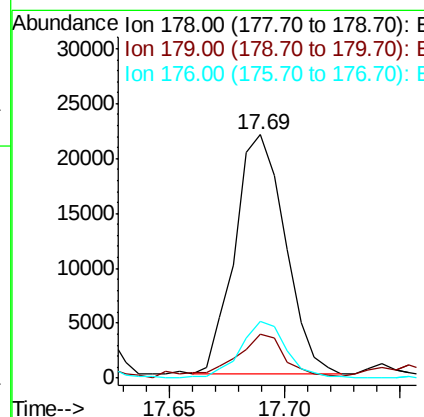
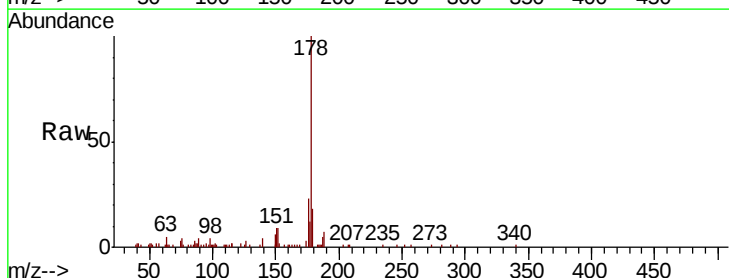
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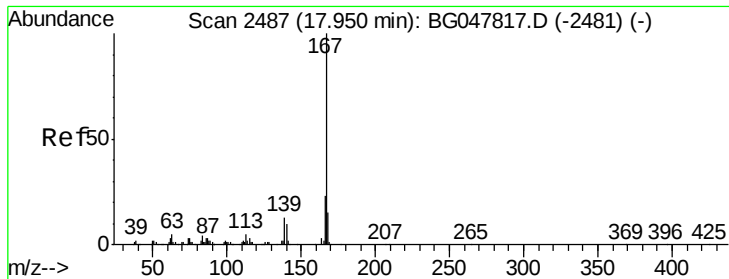
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#72
Anthracene
Concen: 2.732 ng/ul m
RT: 17.69 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.1	19.7
176	23.2	15.4	23.2#





#75

Carbazole

Concen: 1.379 ng/ul

RT: 17.95 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Instrument :

BNA_G

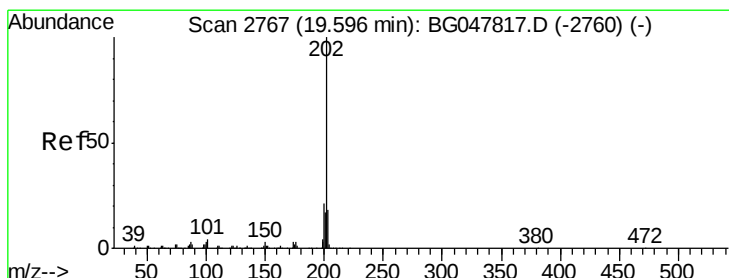
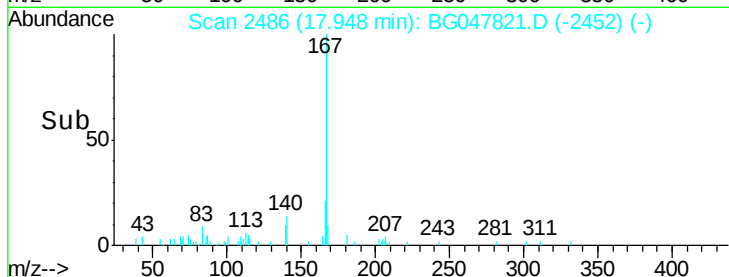
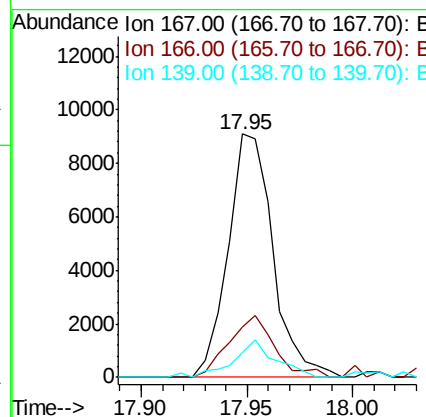
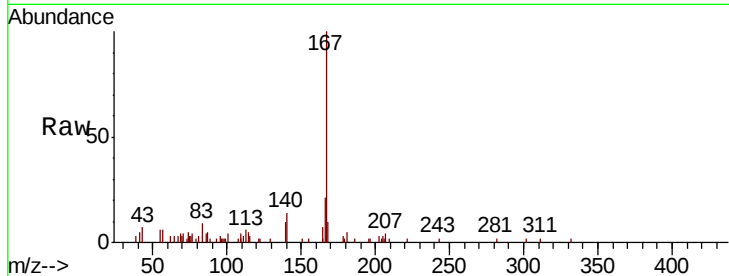
ClientSampleId :

CB899

Tot Ion:	167	Resp:	13362
Ion Ratio	Lower	Upper	
167	100		
166	20.7	19.4	29.0
139	10.3	11.0	16.6#

Manual Integrations
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#77

Fluoranthene

Concen: 20.283 ng/ul

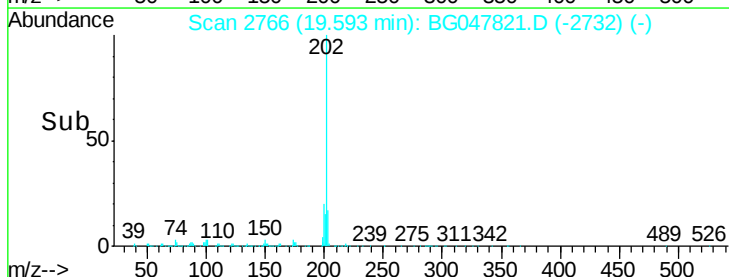
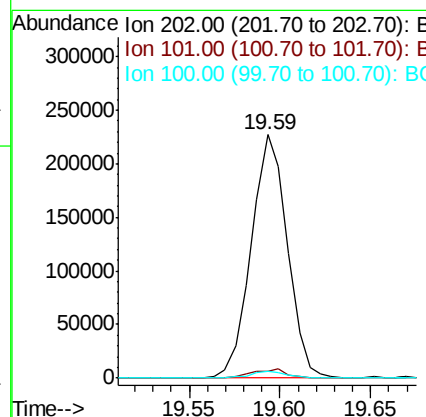
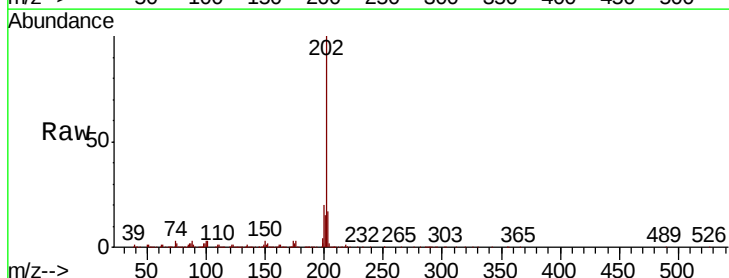
RT: 19.59 min Scan# 2766

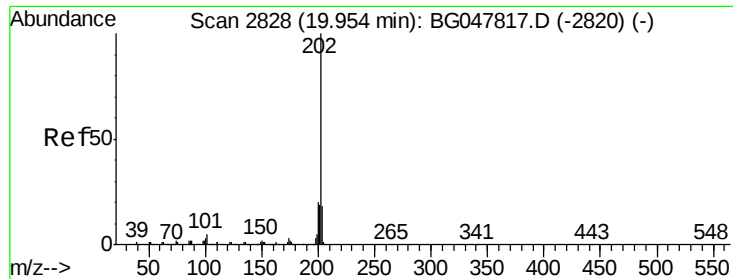
Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Tgt Ion:	202	Resp:	314542
Ion Ratio	Lower	Upper	
202	100		
101	2.8	2.8	4.2#
100	2.7	2.5	3.7





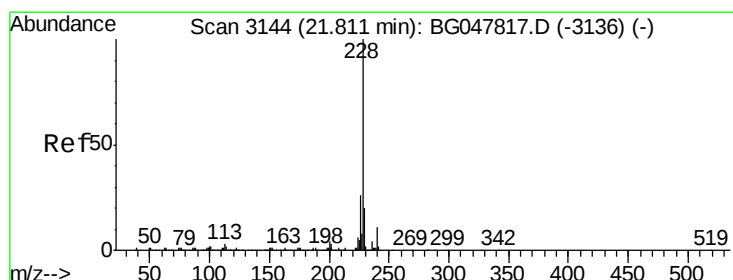
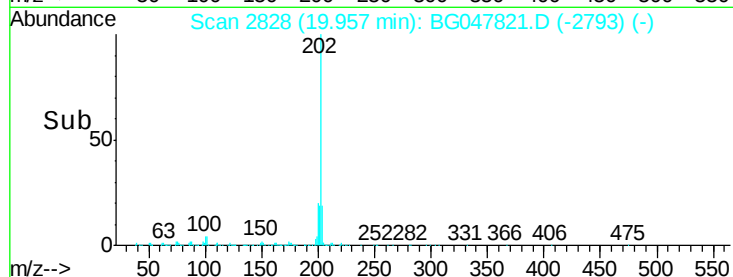
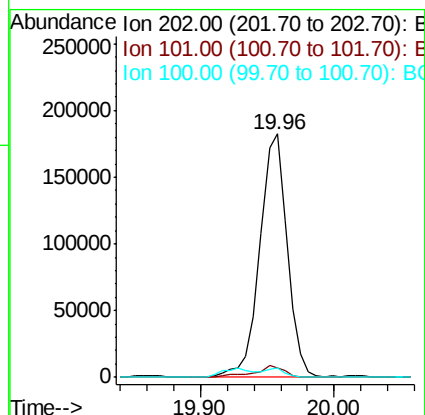
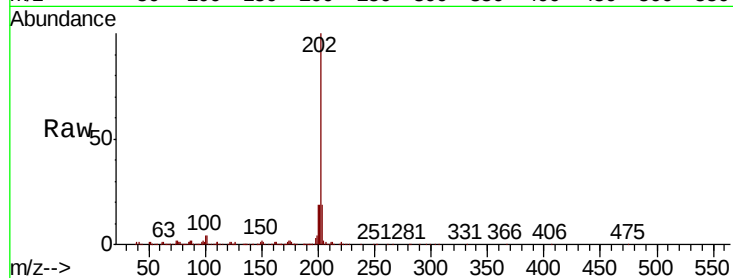
#80
Pvrene
Concen: 17.741 ng/ul
RT: 19.96 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Instrument :
BNA_G
ClientSampleId :
CB899

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.0	3.7	5.5
100	3.7	2.7	4.1

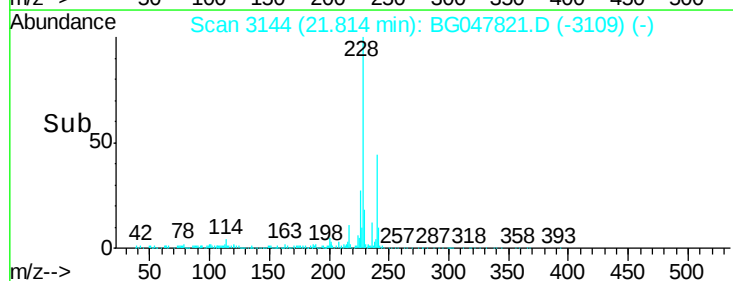
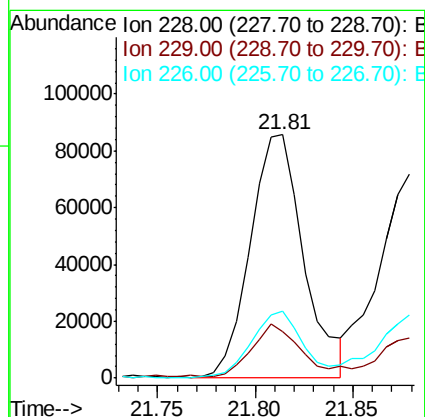
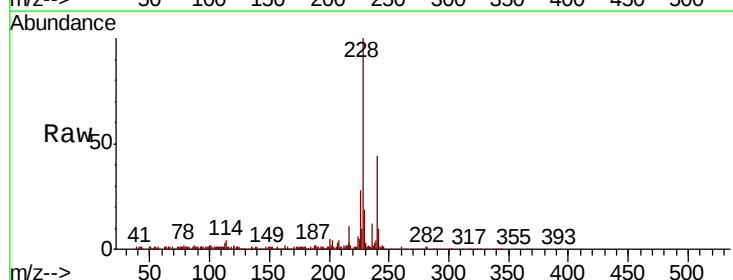
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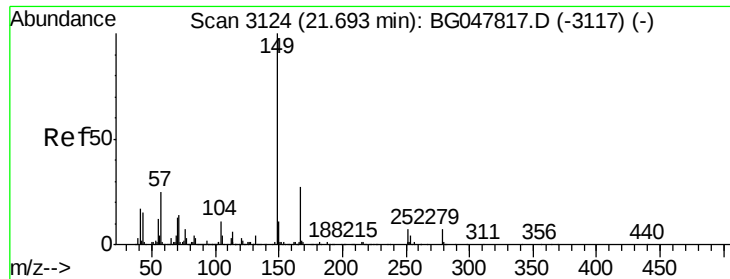
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#83
Benzo(a)anthracene
Concen: 11.269 ng/ul
RT: 21.81 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG047821.D
Acq: 24 Dec 2020 6:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.3	17.0	25.4
226	27.6	21.3	31.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.660 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Instrument :

BNA_G

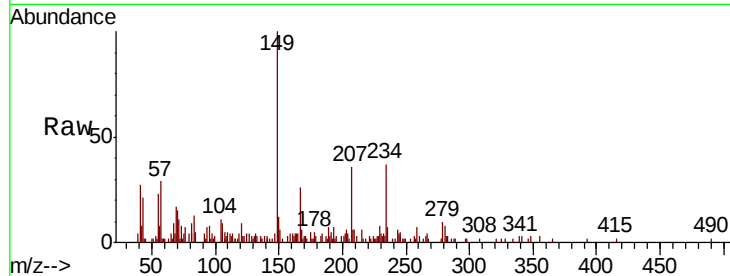
ClientSampleId :

CB899

Tot Ion:	149	Resp:	11336
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.8	32.8
279	10.0	5.7	8.5#

Manual Integrations
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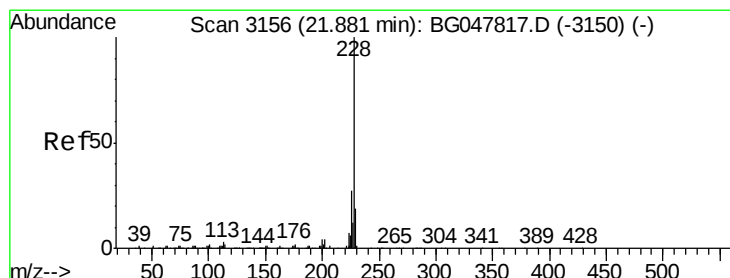
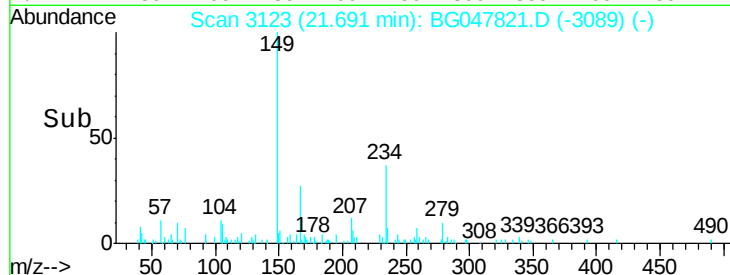
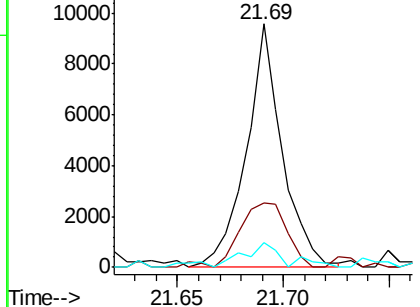
mohammad
12/24/2020 10:44:44 AM



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



#85

Chrysene

Concen: 10.027 ng/ul

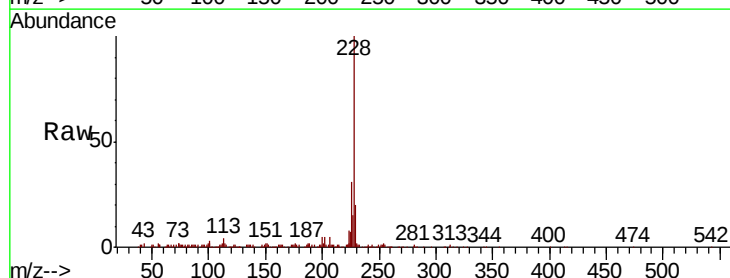
RT: 21.88 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

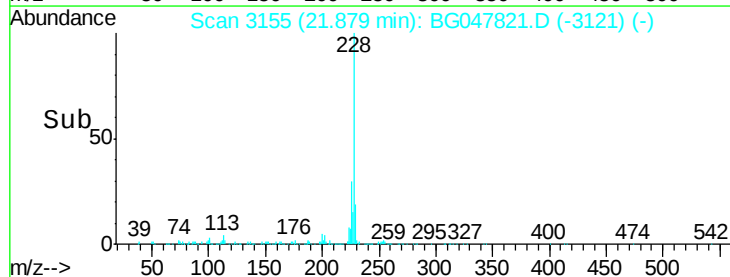
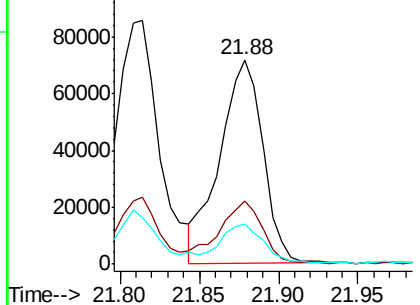
Tgt Ion:	228	Resp:	135960
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.0	34.4
229	19.8	16.0	24.0

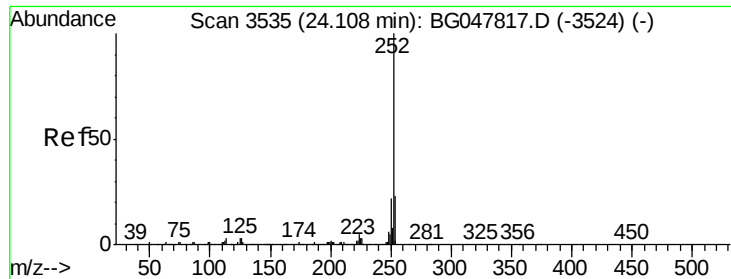


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 12.761 ng/ul

RT: 24.11 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG047821.D

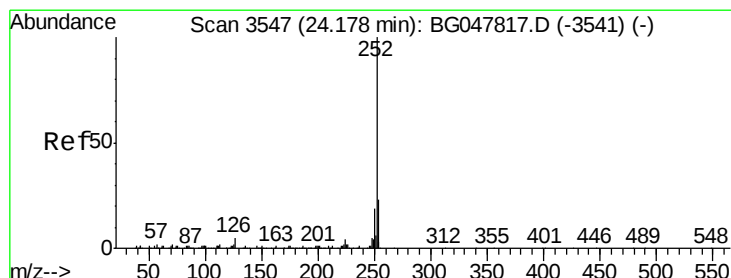
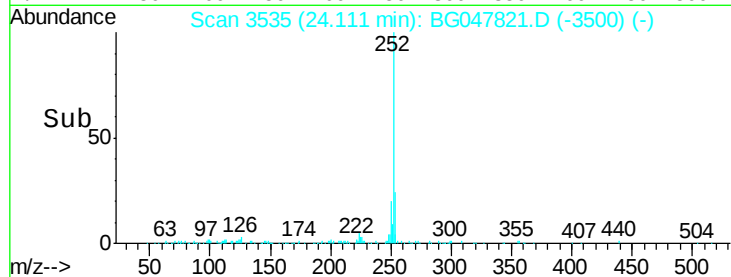
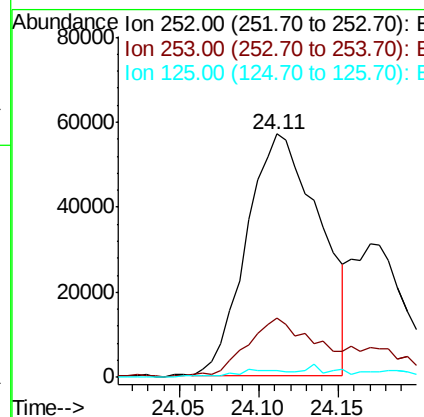
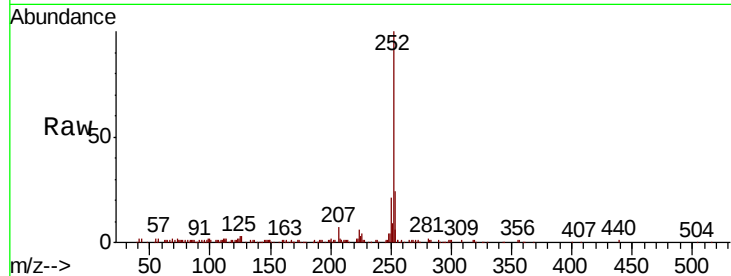
Acq: 24 Dec 2020 6:43

Instrument :
BNA_G
ClientSampleId :
CB899

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	2.6	2.2	3.2

Manual Integrations
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mohammad
12/24/2020 10:44:44 AM



#89

Benzo(k)fluoranthene

Concen: 4.998 ng/ul m

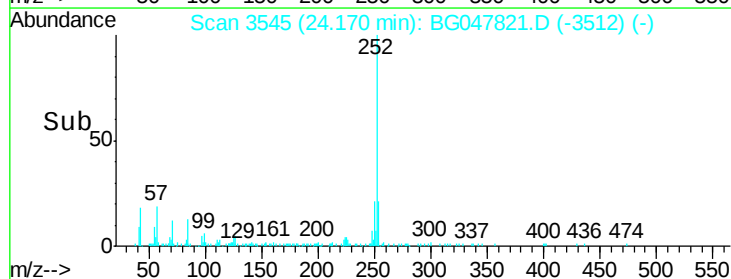
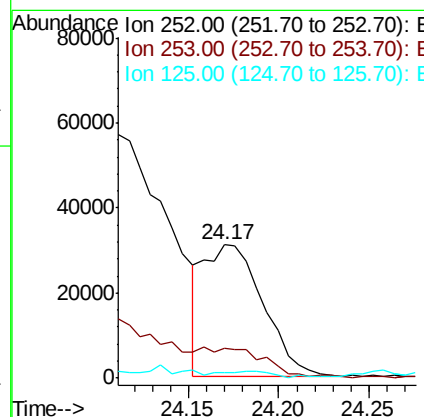
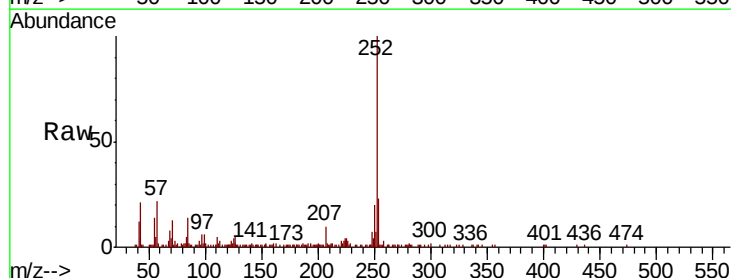
RT: 24.17 min Scan# 3545

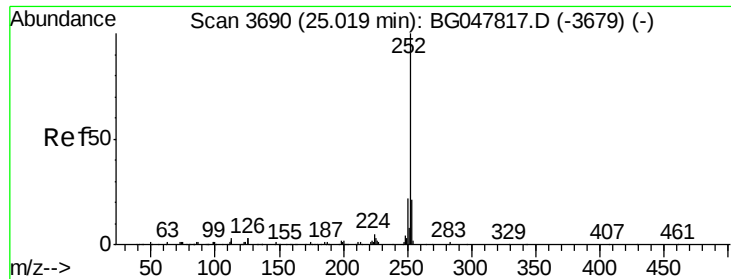
Delta R.T. -0.01 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	4.4	3.1	4.7





#91

Benzo(a)pyrene

Concen: 10.028 ng/ul

RT: 25.02 min Scan# 3690

Delta R.T. 0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Instrument :

BNA_G

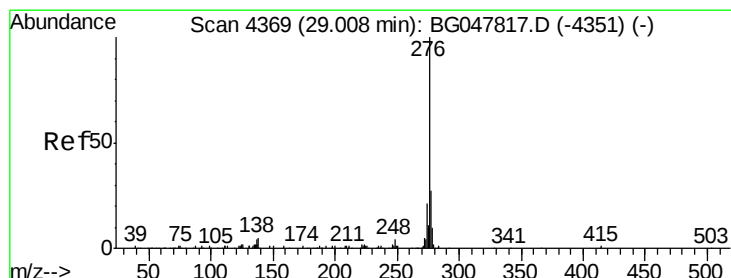
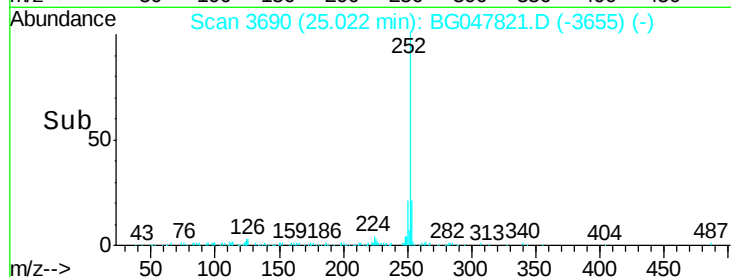
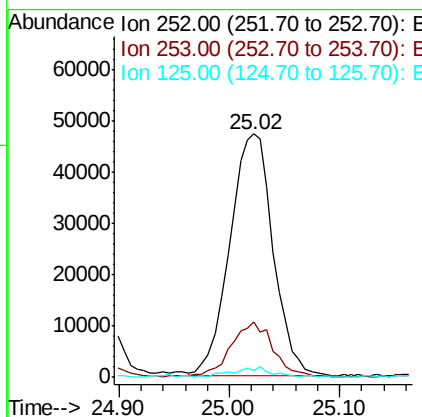
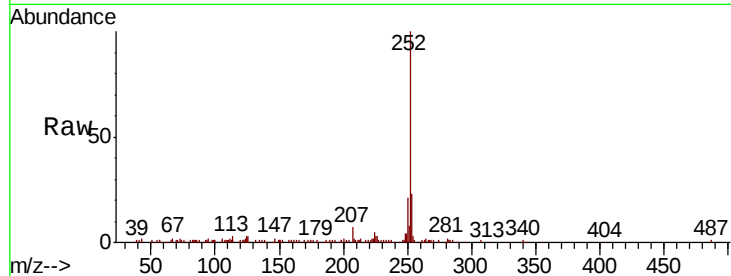
ClientSampleId :

CB899

Tot Ion:	252	Resp:	129353
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	3.0	2.2	3.2

Manual Integrations
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12/24/2020 10:44:44 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 5.581 ng/ul m

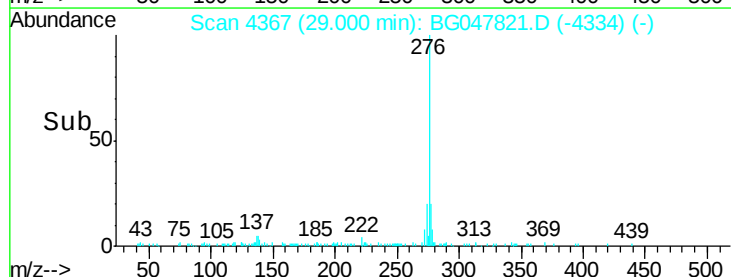
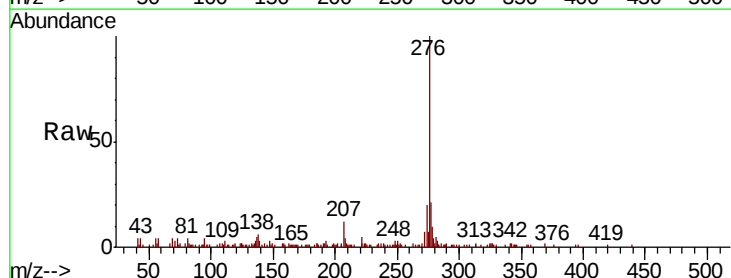
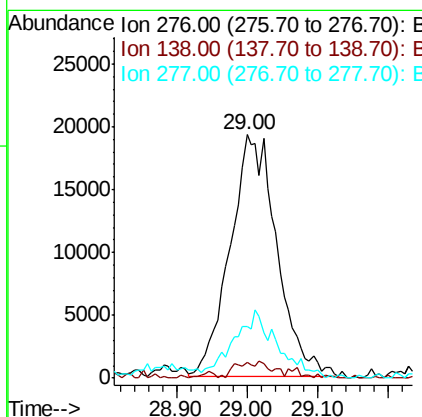
RT: 29.00 min Scan# 4367

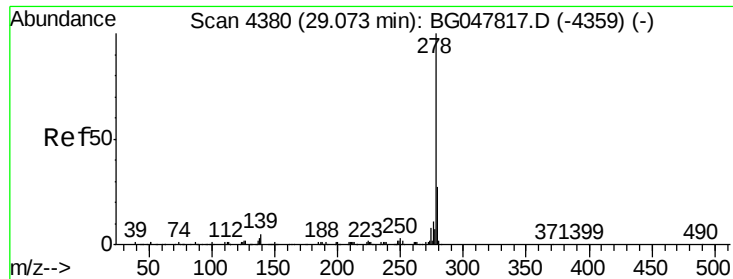
Delta R.T. -0.01 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Tgt Ion:	276	Resp:	87799
Ion Ratio	Lower	Upper	
276	100		
138	6.2	4.6	7.0
277	21.3	19.9	29.9





#93

Dibenzo(a,h)anthracene

Concen: 1.732 ng/ul m

RT: 29.04 min Scan# 4374

Delta R.T. -0.04 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

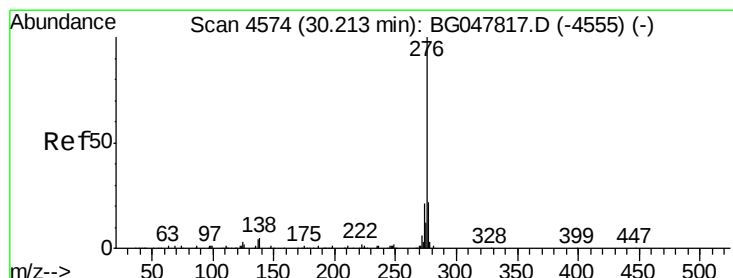
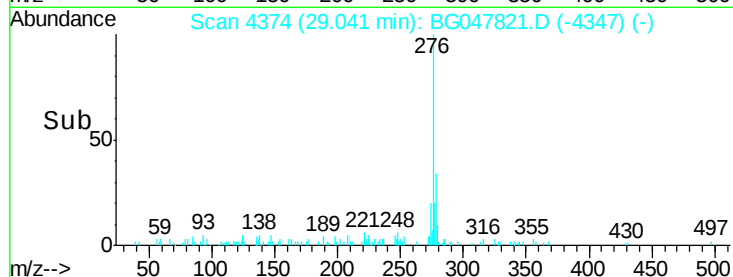
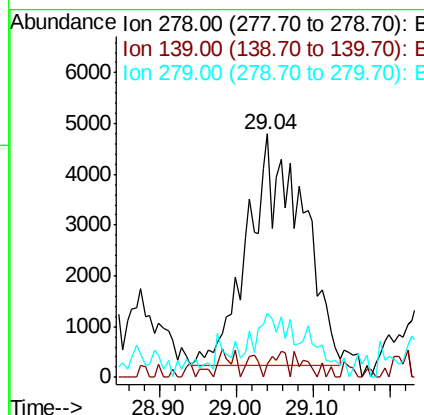
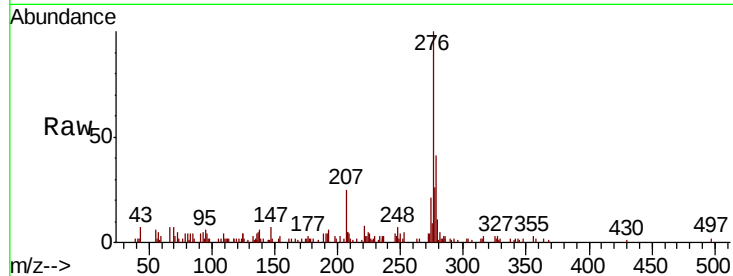
Instrument :
BNA_G
ClientSampleId :
CB899

Tot Ion:278 Resp: 22842

Ion	Ratio	Lower	Upper
278	100		
139	5.3	5.1	7.7
279	26.6	18.2	27.2

Manual Integrations
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mohammad
12/24/2020 10:44:44 AM



#94

Benzo(g,h,i)perylene

Concen: 5.952 ng/ul m

RT: 30.20 min Scan# 4571

Delta R.T. -0.00 min

Lab File: BG047821.D

Acq: 24 Dec 2020 6:43

Tgt Ion:276 Resp: 76866

Ion	Ratio	Lower	Upper
276	100		
138	4.7	5.4	8.0#
277	28.5	17.8	26.8#

