

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047820.D
 Acq On : 24 Dec 2020 6:02
 Operator : CG/JU
 Sample : L5149-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB898

Manual Integrations
 APPROVED

mohammad
 12/24/2020 10:44:42 AM

Quant Time: Dec 24 06:43:47 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	39521	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	150627	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	109906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	258723	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	231874	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	230950	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4885	6.58	ng/uL	0.00
5) Phenol-d5	7.34	99	118620	35.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	62849	36.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	88568	34.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	92040	34.28	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	42051	34.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	55013	37.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	106591	33.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	117600	39.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	325010	34.05	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	407115	37.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	45913	32.43	ng/ul	0.00
58) Fluorene-d10	15.81	176	293337	33.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	58367	33.33	ng/ul	0.00
71) Anthracene-d10	17.66	188	443068	34.33	ng/ul	0.00
79) Pyrene-d10	19.93	212	482849	35.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	484977	35.95	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.08	128	13449	1.601	ng/ul#	85
34) 2-Methylnaphthalene	12.66	142	6649	1.027	ng/ul#	78
50) Acenaphthene	14.89	153	9524	1.332	ng/ul	91
59) Fluorene	15.86	166	10610	1.190	ng/ul	98
70) Phenanthrene	17.60	178	202266	14.424	ng/ul	99
72) Anthracene	17.69	178	42189	3.018	ng/ul	97
75) Carbazole	17.95	167	14950	1.341	ng/ul	94
77) Fluoranthene	19.59	202	362588	20.322	ng/ul	99
80) Pvrene	19.96	202	303550	18.000	ng/ul	99
83) Benzo(a)anthracene	21.81	228	181838	10.977	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	16577	2.105	ng/ul#	97
85) Chrysene	21.88	228	162941	10.422	ng/ul	97
88) Benzo(b)fluoranthene	24.11	252	231013	14.329	ng/ul#	96
89) Benzo(k)fluoranthene	24.17	252	63917	4.000	ng/ul	96
91) Benzo(a)pyrene	25.03	252	147924	10.175	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.01	276	96429	5.439	ng/ul	100
93) Dibenzo(a,h)anthracene	29.03	278	29764m	2.003	ng/ul	
94) Benzo(g,h,i)perylene	30.21	276	89579	6.154	ng/ul	94

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

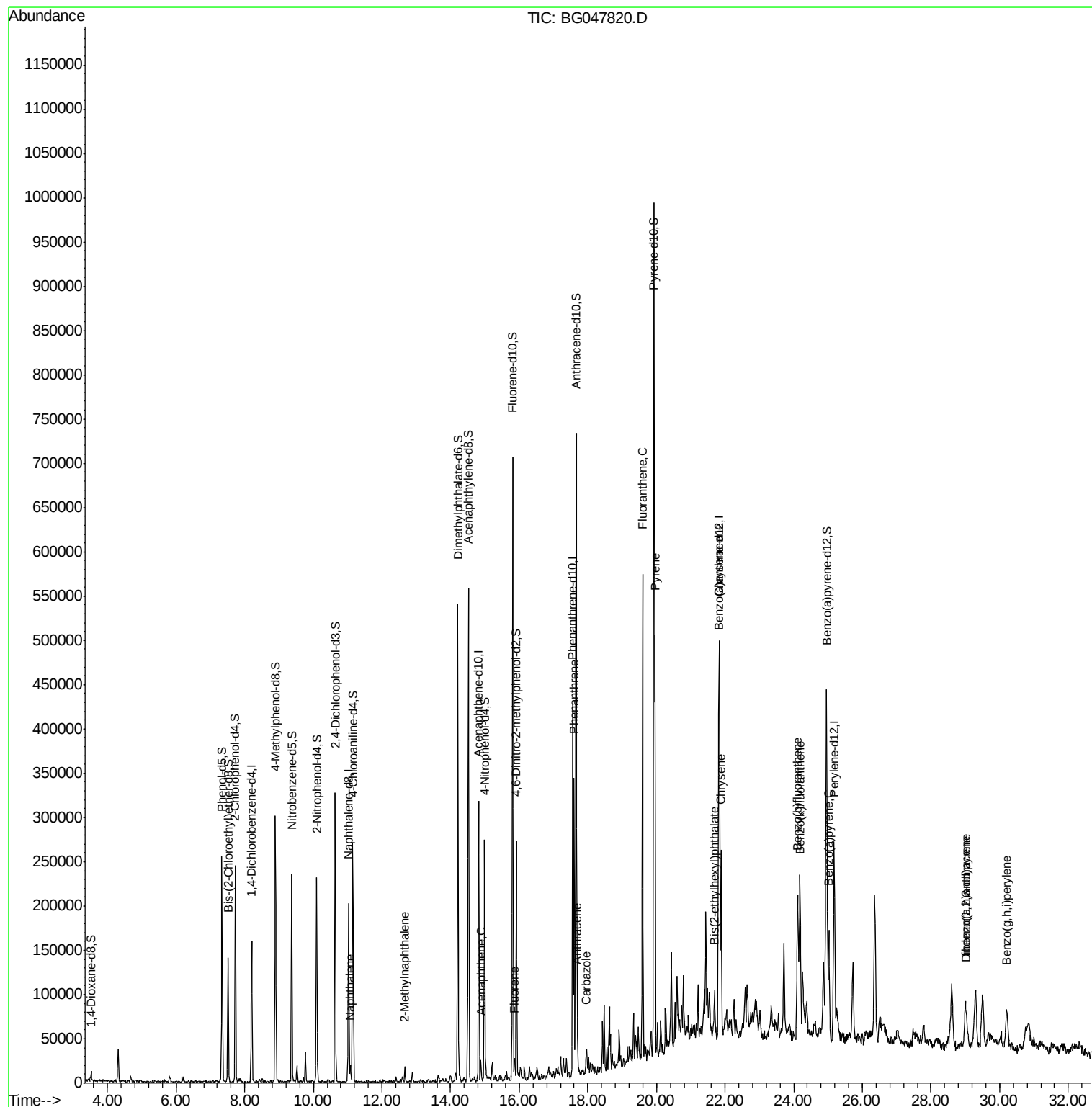
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

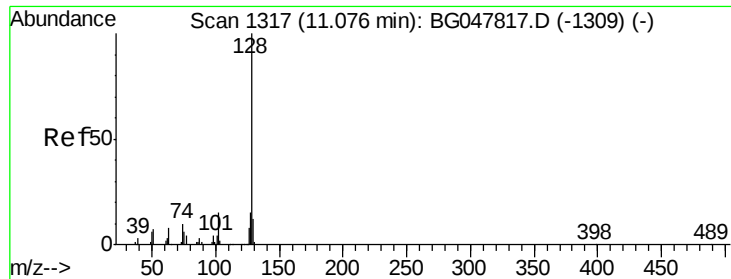
Instrument :
BNA_G
ClientSampled :
CB898

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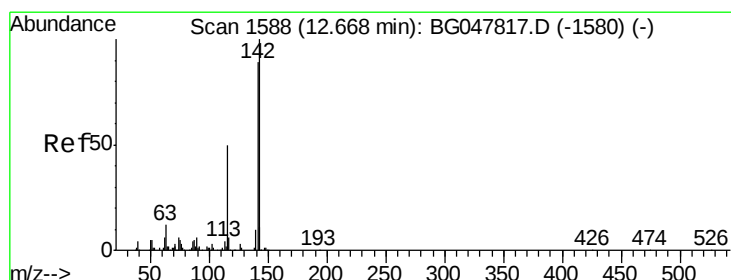
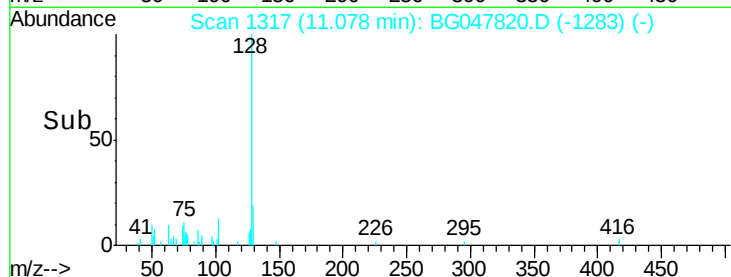
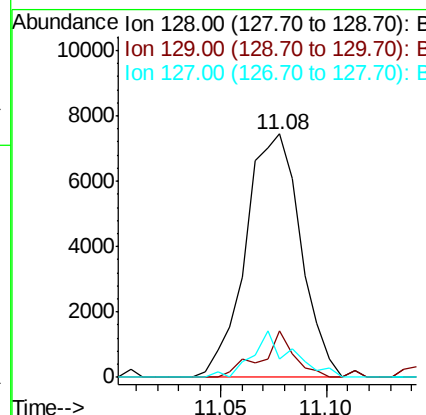
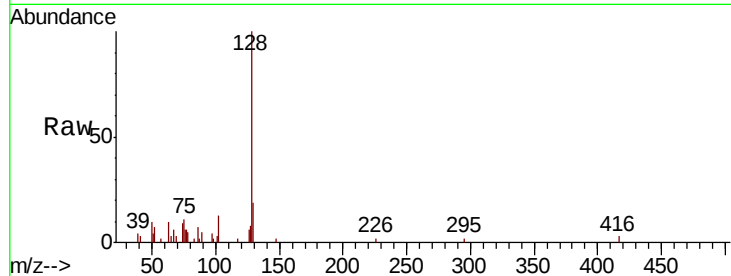
#28
Naphthalene
Concen: 1.601 ng/ul
RT: 11.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Instrument :
BNA_G
ClientSampled :
CB898

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.2	8.6	13.0#
127	7.6	8.7	13.1#

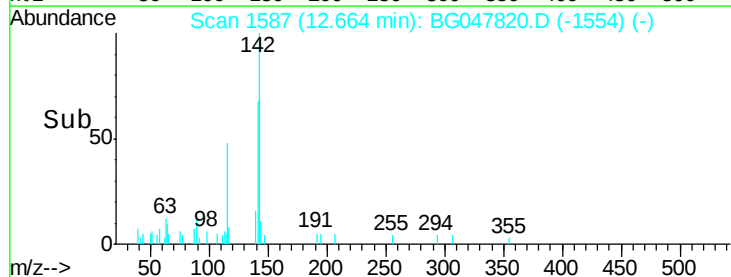
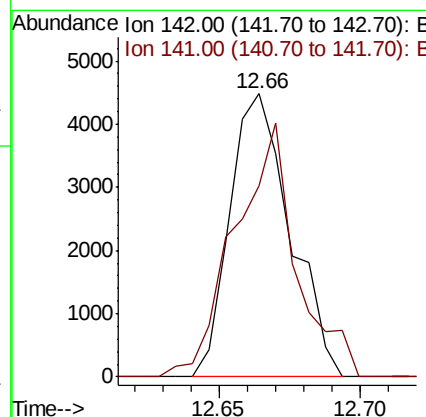
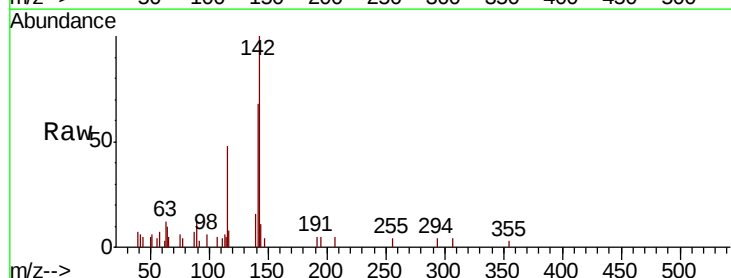
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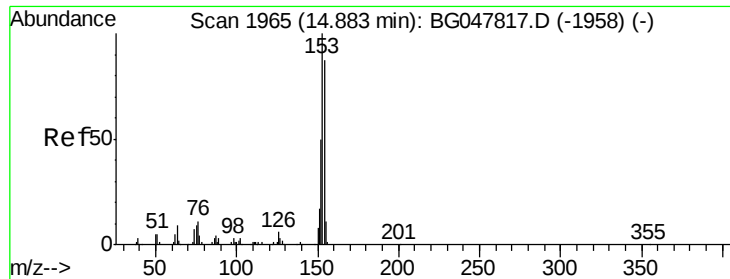
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#34
2-Methylnaphthalene
Concen: 1.027 ng/ul
RT: 12.66 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	67.8	70.9	106.3#





#50

Acenaphthene

Concen: 1.332 ng/ul

RT: 14.89 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG047820.D

Acq: 24 Dec 2020 6:02

Instrument :

BNA_G

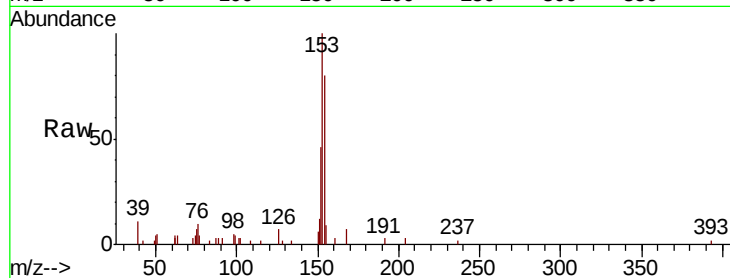
ClientSampleId :

CB898

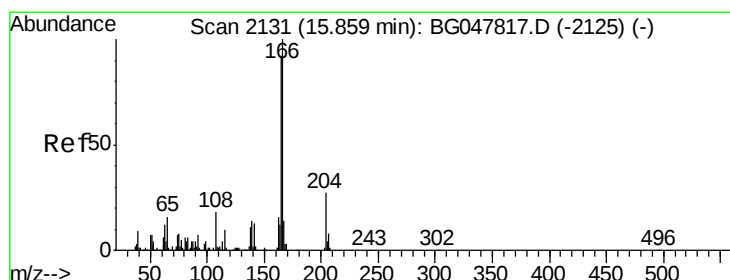
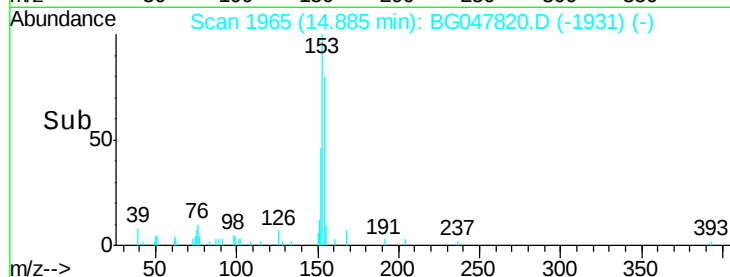
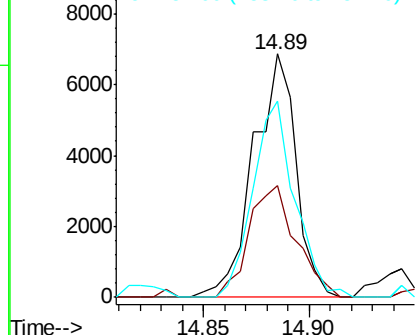
Tot Ion:	153	Resp:	9524
Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.2	57.4
154	80.4	73.8	110.6

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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: 1.190 ng/ul

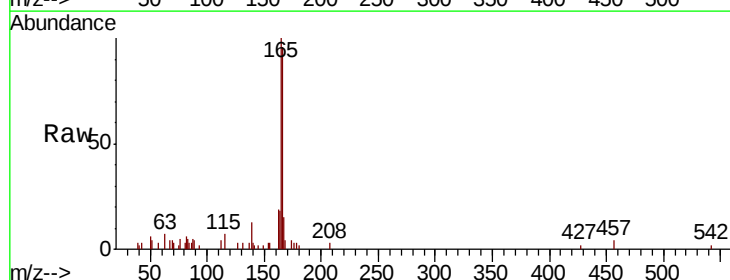
RT: 15.86 min Scan# 2131

Delta R.T. 0.00 min

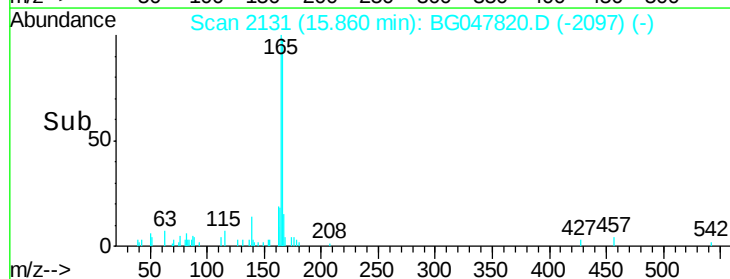
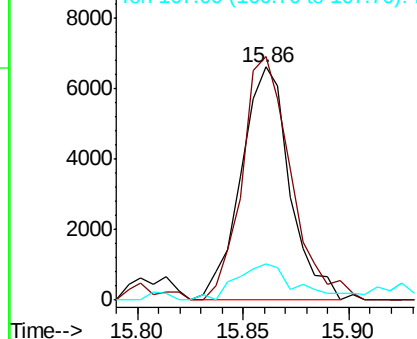
Lab File: BG047820.D

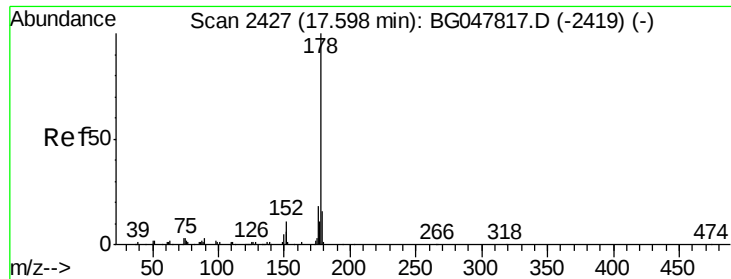
Acq: 24 Dec 2020 6:02

Tgt Ion:	166	Resp:	10610
Ion	Ratio	Lower	Upper
166	100		
165	104.4	81.8	122.6
167	15.5	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: 14.424 ng/ul

RT: 17.60 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG047820.D

Acq: 24 Dec 2020 6:02

Instrument :

BNA_G

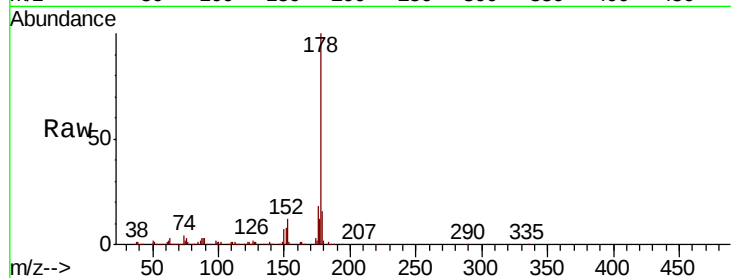
ClientSampleId :

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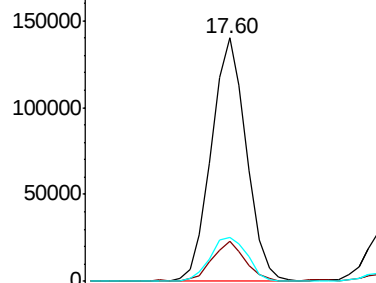
Tot Ion:178	Resp:	202266
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.1 19.7
176	18.0	15.2 22.8

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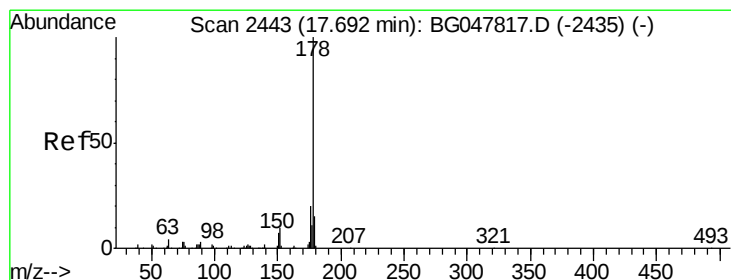
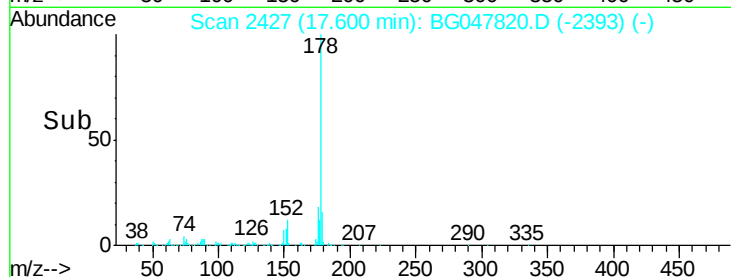
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Anthracene

Concen: 3.018 ng/ul

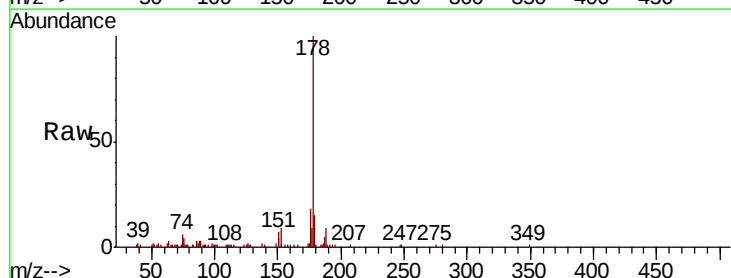
RT: 17.69 min Scan# 2442

Delta R.T. -0.00 min

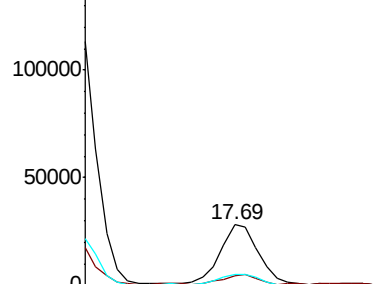
Lab File: BG047820.D

Acq: 24 Dec 2020 6:02

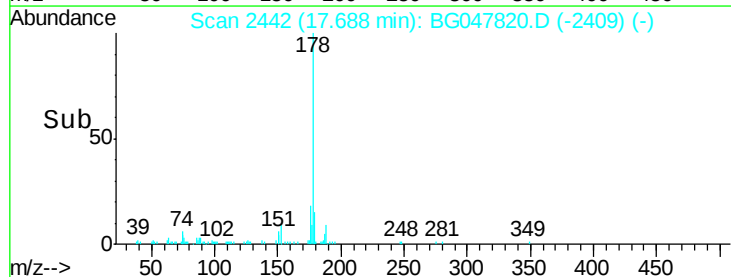
Tgt Ion:178	Resp:	42189
Ion Ratio	Lower	Upper
178	100	
179	15.1	13.1 19.7
176	17.9	15.4 23.2

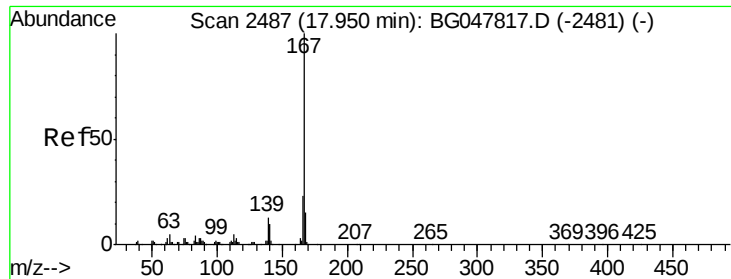


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#75

Carbazole

Concen: 1.341 ng/ul

RT: 17.95 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG047820.D

Acq: 24 Dec 2020 6:02

Instrument :

BNA_G

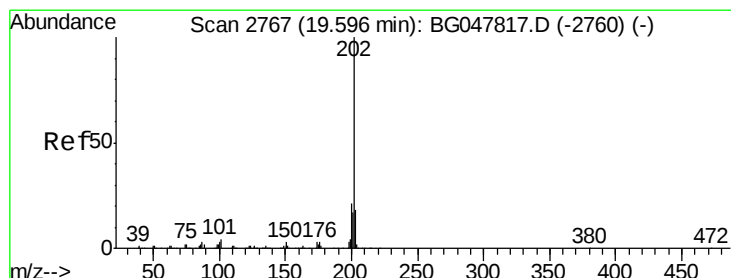
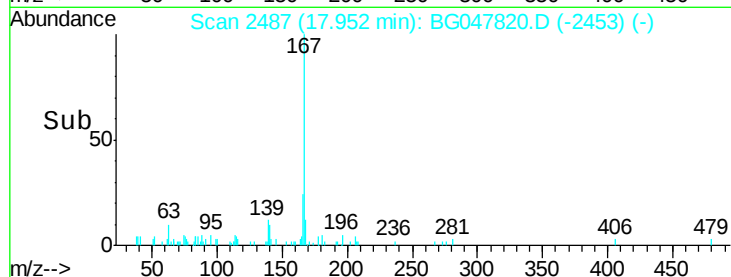
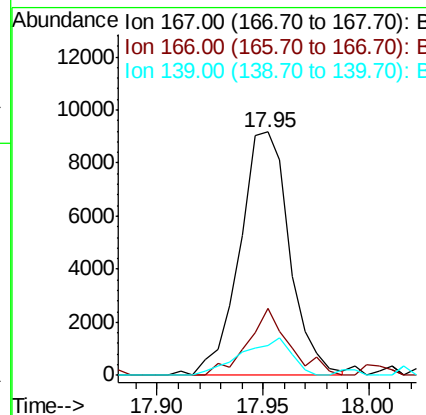
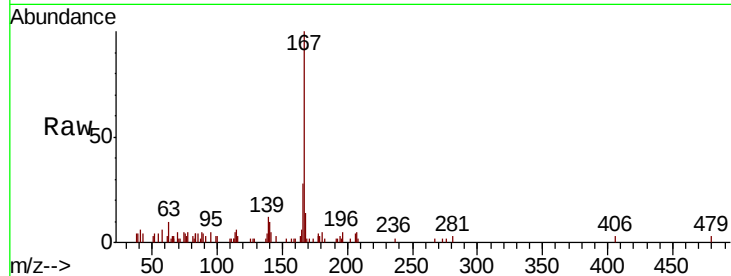
ClientSampleId :

CB898

Tot Ion:	167	Resp:	14950
Ion Ratio	Lower	Upper	
167	100		
166	27.5	19.4	29.0
139	12.1	11.0	16.6

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#77

Fluoranthene

Concen: 20.322 ng/ul

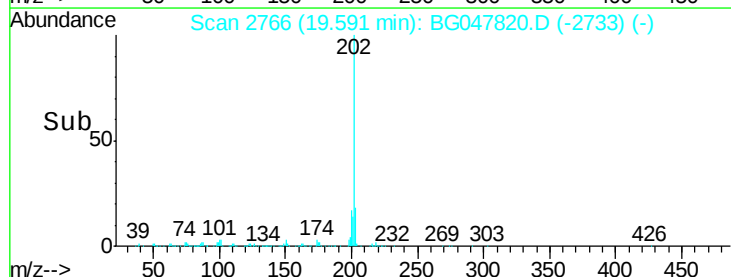
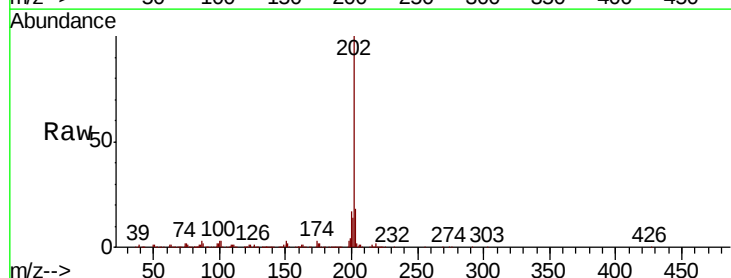
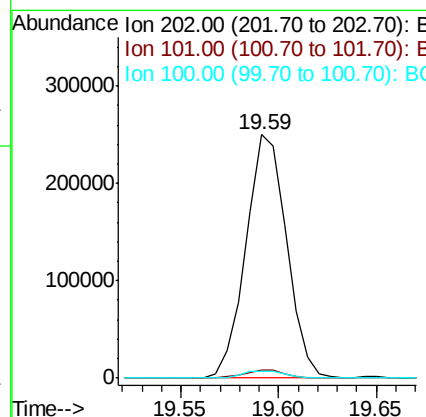
RT: 19.59 min Scan# 2766

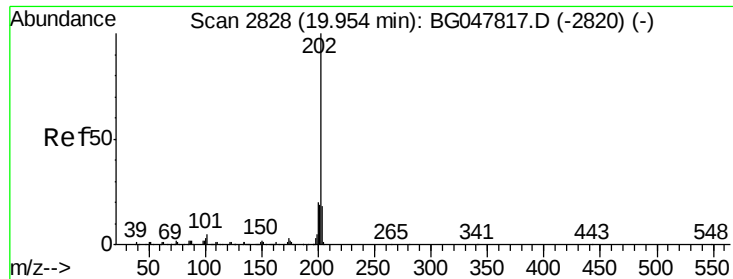
Delta R.T. -0.00 min

Lab File: BG047820.D

Acq: 24 Dec 2020 6:02

Tgt Ion:	202	Resp:	362588
Ion Ratio	Lower	Upper	
202	100		
101	3.5	2.8	4.2
100	2.7	2.5	3.7





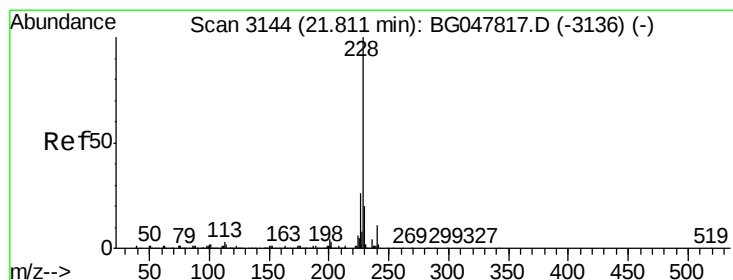
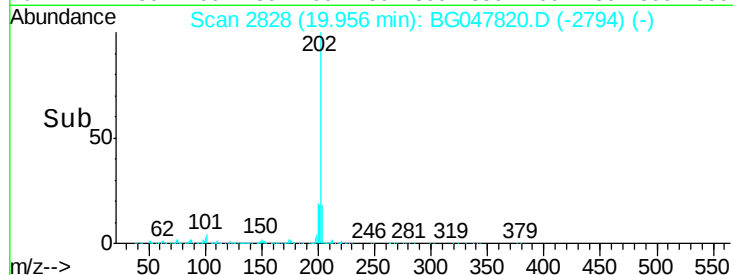
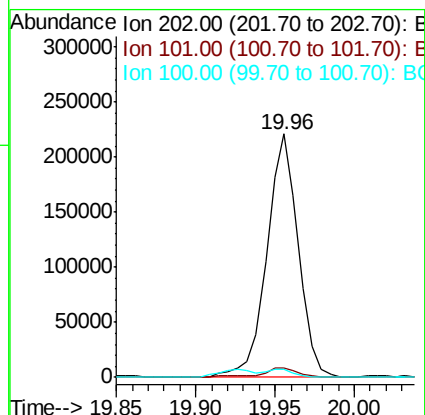
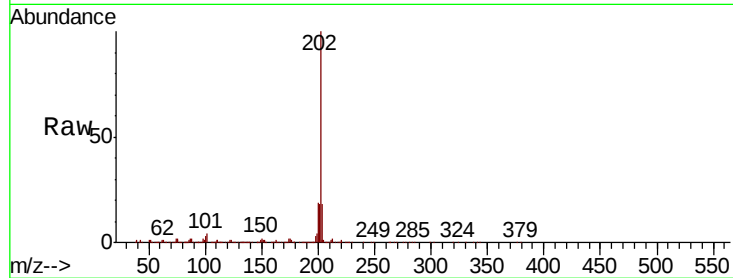
#80
Pvrene
Concen: 18.000 ng/ul
RT: 19.96 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Instrument :
BNA_G
ClientSampled :
CB898

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.1	3.7	5.5
100	3.1	2.7	4.1

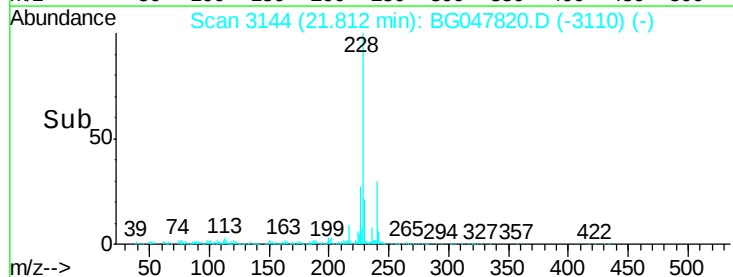
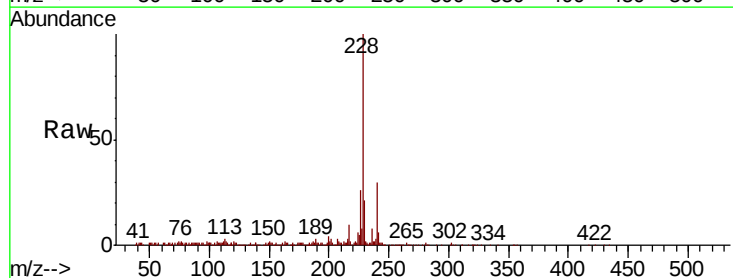
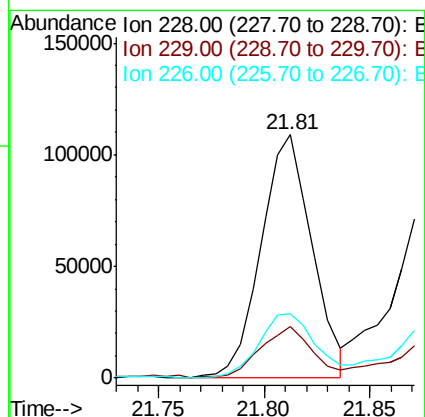
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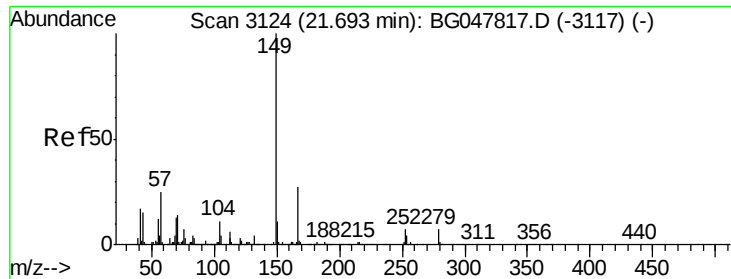
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#83
Benzo(a)anthracene
Concen: 10.977 ng/ul
RT: 21.81 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	17.0	25.4
226	26.4	21.3	31.9





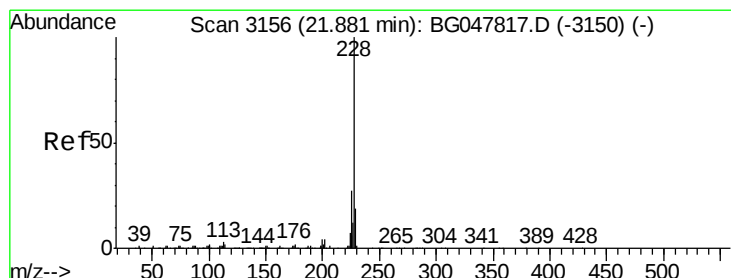
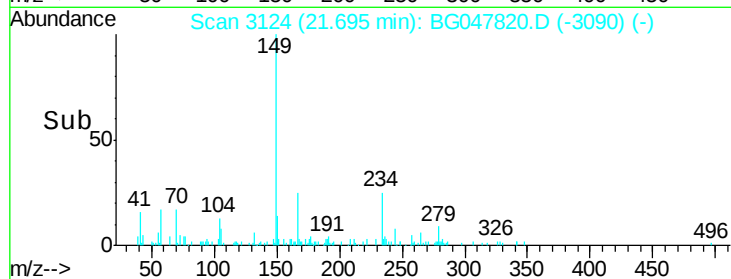
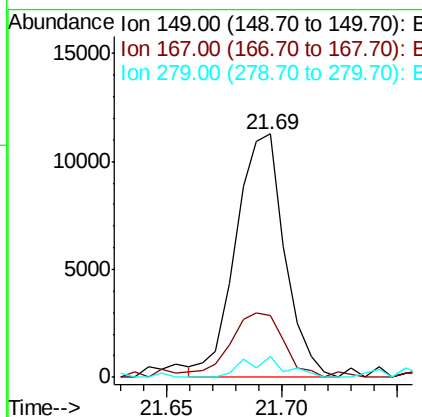
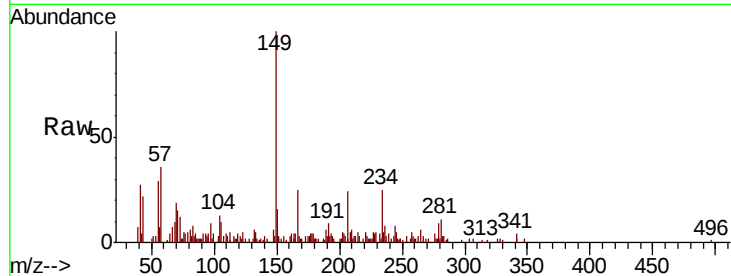
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.105 ng/ul
 RT: 21.69 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BG047820.D
 Acq: 24 Dec 2020 6:02

Instrument :
 BNA_G
 ClientSampled :
 CB898

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.8
279	8.5	5.7	8.5#

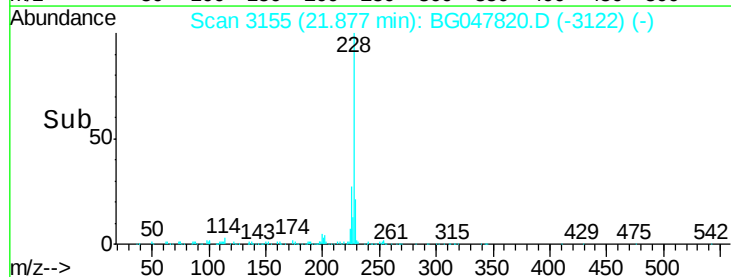
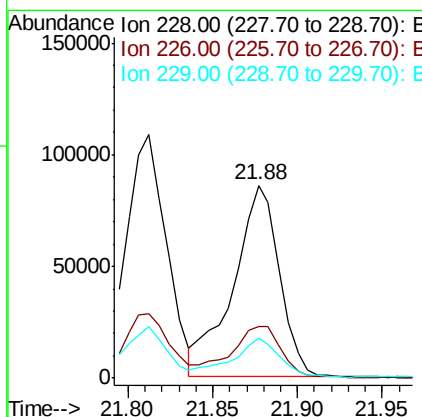
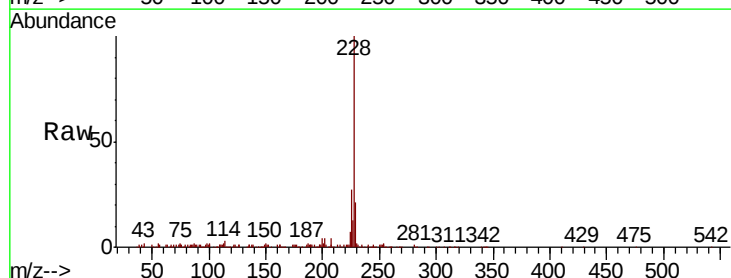
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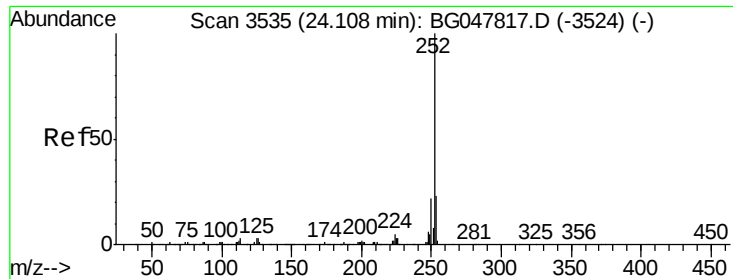
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#85
 Chrysene
 Concen: 10.422 ng/ul
 RT: 21.88 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG047820.D
 Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.0	34.4
229	21.1	16.0	24.0





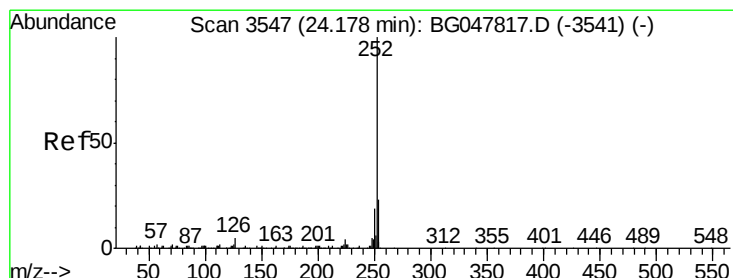
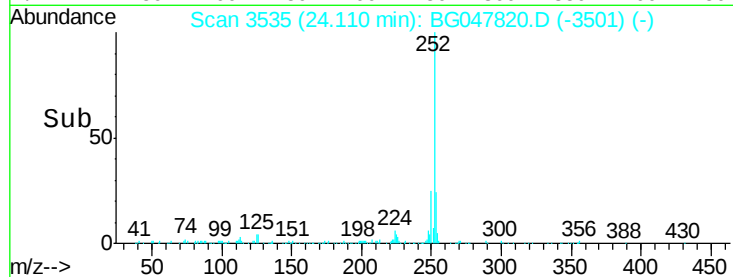
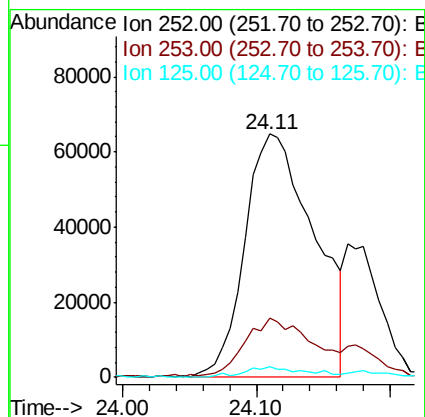
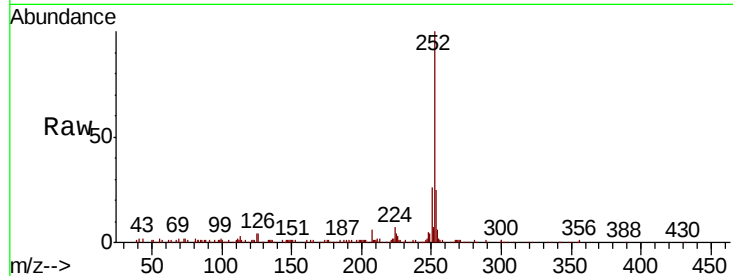
#88
Benzo(b)fluoranthene
Concen: 14.329 ng/u1
RT: 24.11 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Instrument :
BNA_G
ClientSampleId :
CB898

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	4.2	2.2	3.2

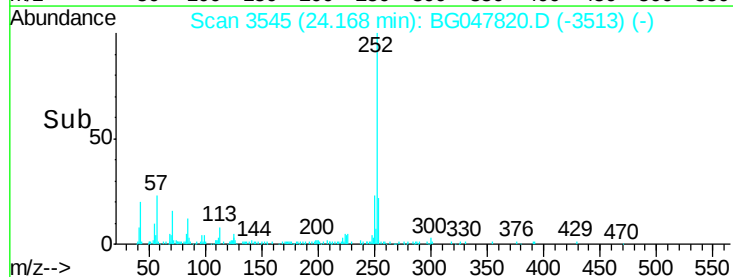
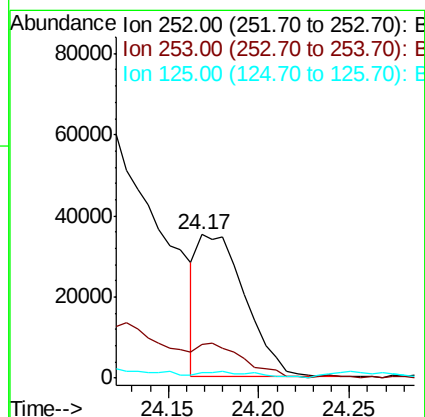
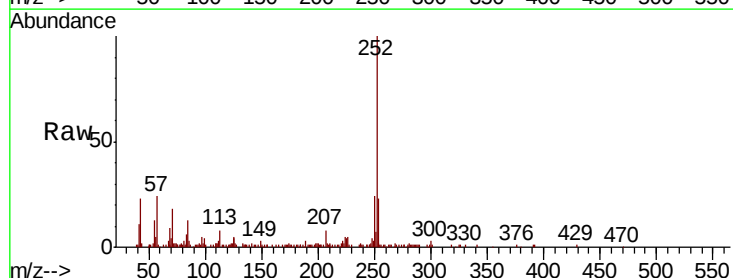
Manual Integrations
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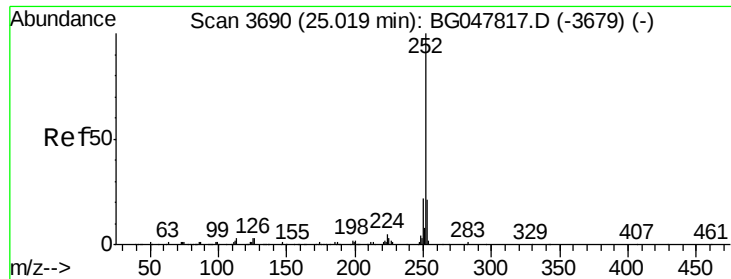
mohammad
12/24/2020 10:44:42 AM



#89
Benzo(k)fluoranthene
Concen: 4.000 ng/u1
RT: 24.17 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	3.6	3.1	4.7





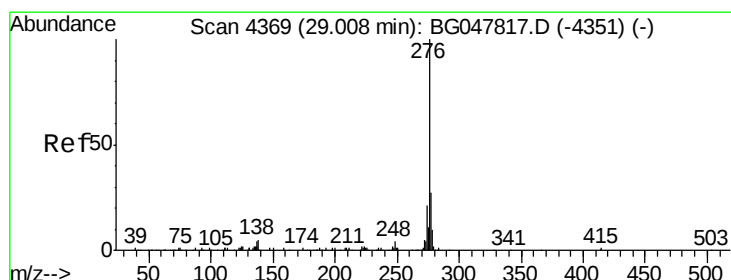
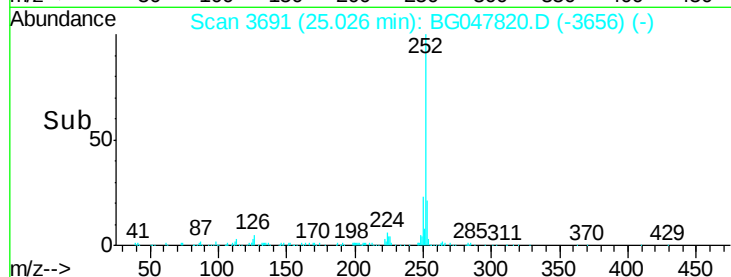
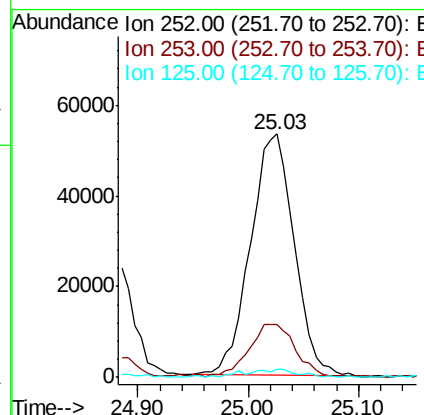
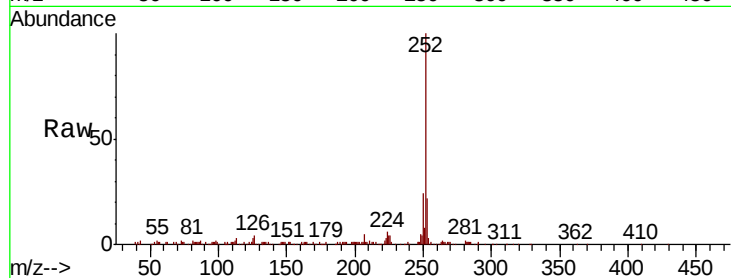
#91
Benzo(a)pyrene
Concen: 10.175 ng/ul
RT: 25.03 min Scan# 3691
Delta R.T. 0.01 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Instrument :
BNA_G
ClientSampleId :
CB898

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.1	25.7
125	3.1	2.2	3.2

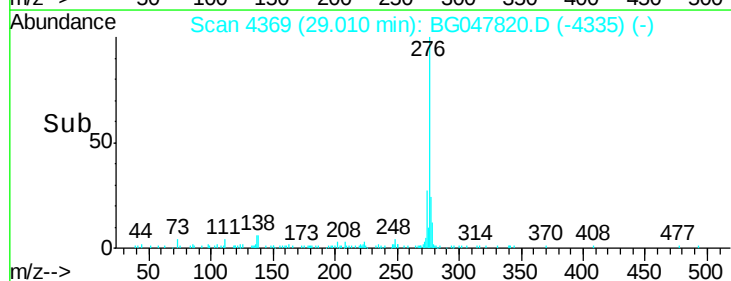
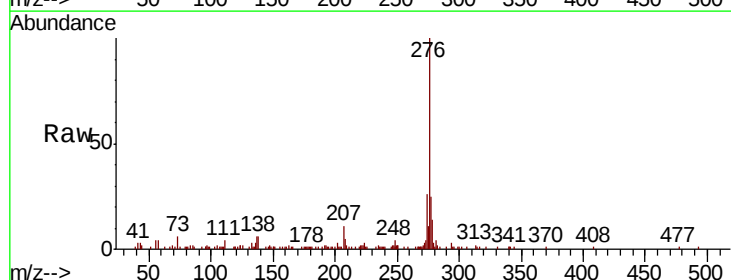
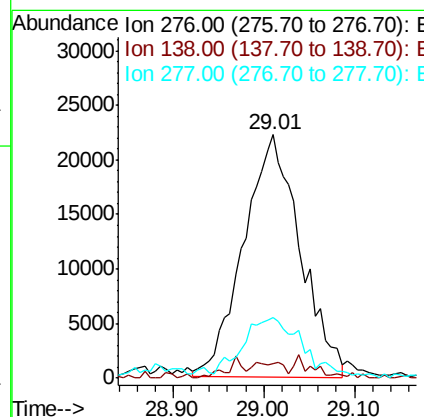
Manual Integrations
APPROVED

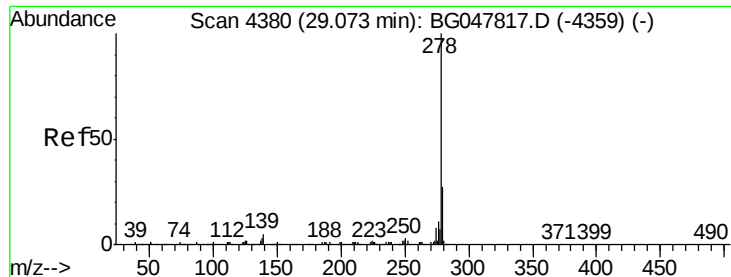
mohammad
12/24/2020 10:44:42 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.439 ng/ul
RT: 29.01 min Scan# 4369
Delta R.T. 0.00 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	6.0	4.6	7.0
277	24.9	19.9	29.9





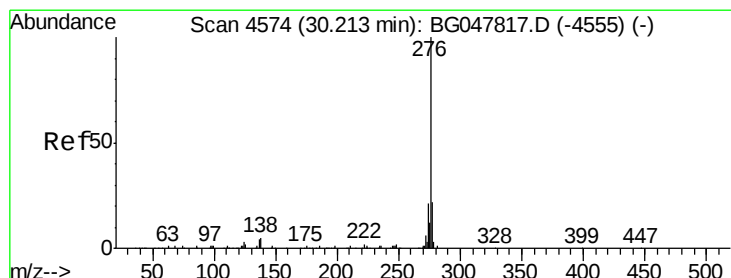
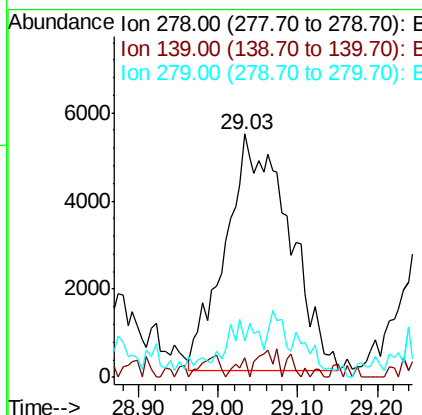
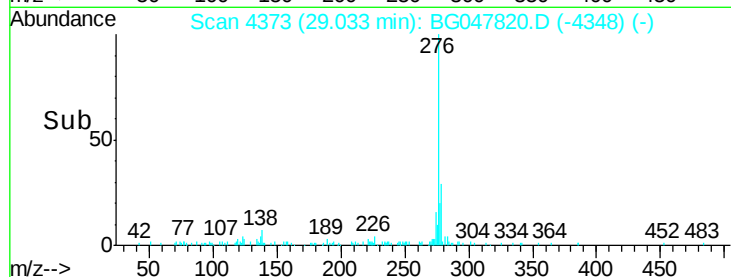
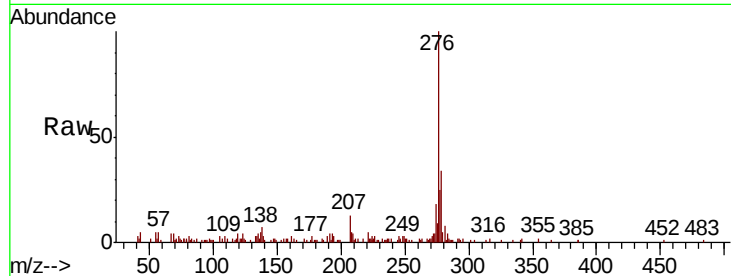
#93
Dibenzo(a,h)anthracene
Concen: 2.003 ng/ul m
RT: 29.03 min Scan# 4373
Delta R.T. -0.05 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Instrument :
BNA_G
ClientSampleId :
CB898

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	5.1	7.7#
279	15.1	18.2	27.2#

Manual Integrations
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mohammad
12/24/2020 10:44:42 AM



#94
Benzo(g,h,i)perylene
Concen: 6.154 ng/ul
RT: 30.21 min Scan# 4573
Delta R.T. 0.01 min
Lab File: BG047820.D
Acq: 24 Dec 2020 6:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	5.4	8.0
277	25.4	17.8	26.8

