

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
 Data File : BG046986.D
 Acq On : 19 Oct 2020 14:20
 Operator : CG/JU
 Sample : L4308-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

Manual Integrations
 APPROVED

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Quant Time: Oct 19 15:05:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 11:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	235532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	169500	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	379731	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	358016	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	369241	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	5855	4.43	ng/uL	0.00
5) Phenol-d5	7.22	99	145445	28.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	80135	26.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	109821	28.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	120382	29.14	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	58209	29.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	71646	31.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	141631	31.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	108343	21.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	464046	32.96	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	535917	33.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	64411	26.54	ng/ul	0.00
58) Fluorene-d10	15.69	176	415072	32.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	74789	28.60	ng/ul	0.00
71) Anthracene-d10	17.54	188	621019	33.76	ng/ul	0.00
79) Pyrene-d10	19.82	212	693081	35.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	677112	32.56	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.14	163	147812	10.126	ng/ul 98
70) Phenanthrene	17.49	178	260186	11.974	ng/ul 99
72) Anthracene	17.57	178	58702	2.675	ng/ul 98
75) Carbazole	17.84	167	18872	1.071	ng/ul# 90
77) Fluoranthene	19.49	202	587831	22.155	ng/ul 98
80) Pyrene	19.85	202	447040	18.451	ng/ul 98
83) Benzo(a)anthracene	21.69	228	304356	12.317	ng/ul 97
85) Chrysene	21.75	228	292432m	12.266	ng/ul
88) Benzo(b)fluoranthene	23.92	252	368175	14.374	ng/ul 97
89) Benzo(k)fluoranthene	23.98	252	108083	4.376	ng/ul 98
91) Benzo(a)pyrene	24.80	252	253406m	11.005	ng/ul
92) Indeno(1,2,3-cd)pyrene	28.64	276	180443	6.397	ng/ul 99
93) Dibenzo(a,h)anthracene	28.69	278	49979m	2.136	ng/ul
94) Benzo(g,h,i)perylene	29.79	276	148356m	6.265	ng/ul

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

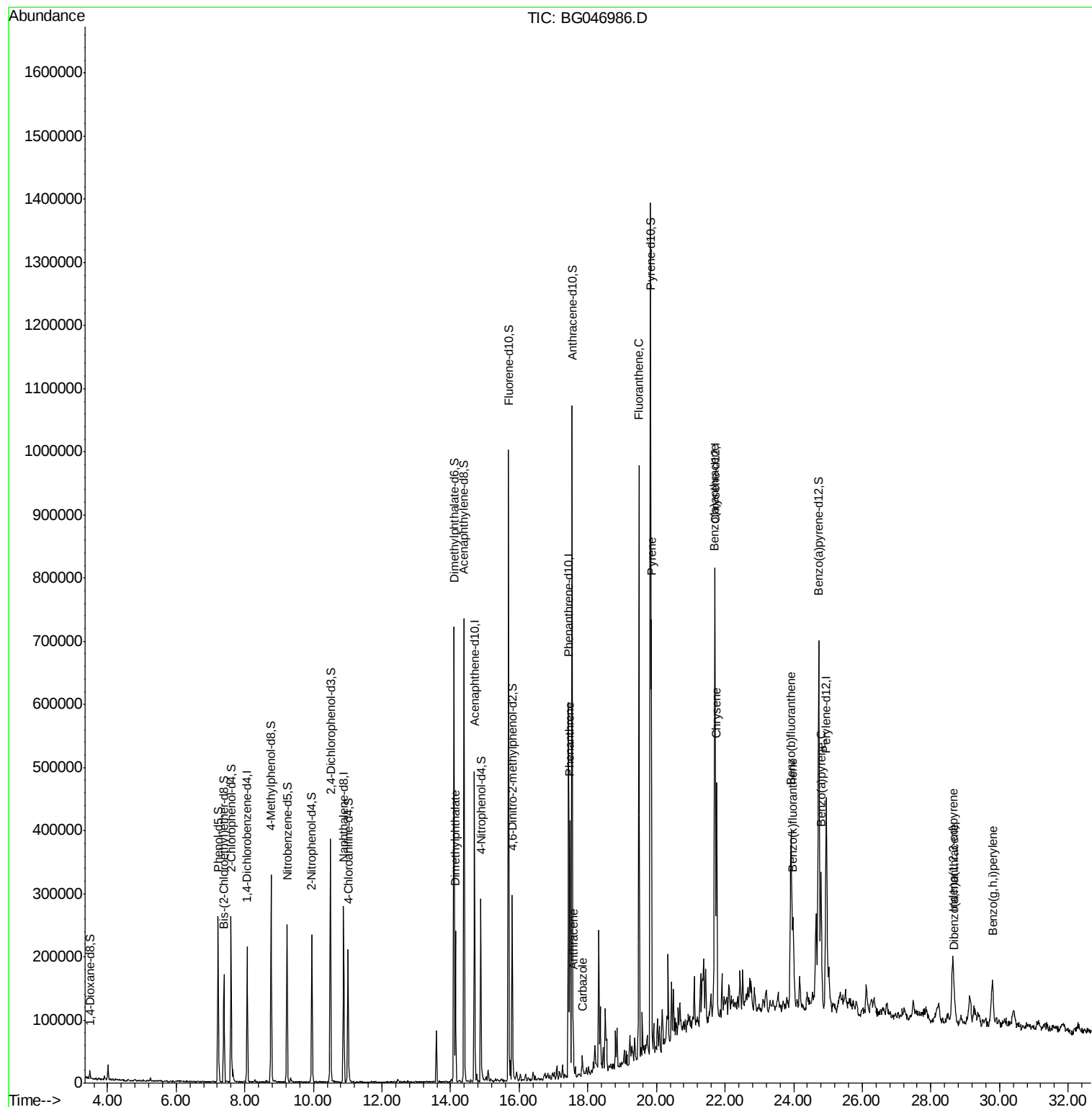
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046986.D
Acq On : 19 Oct 2020 14:20
Operator : CG/JU
Sample : L4308-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

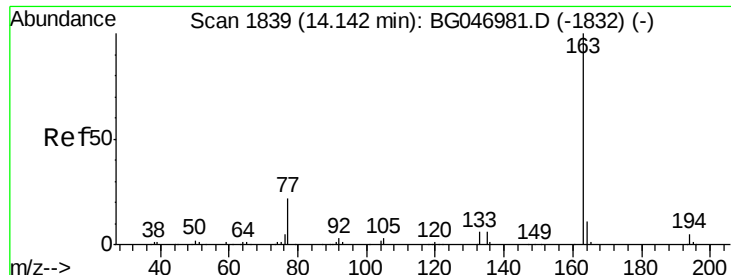
Instrument :
BNA_G
ClientSampleId :
C0AP7

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Quant Time: Oct 19 15:05:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





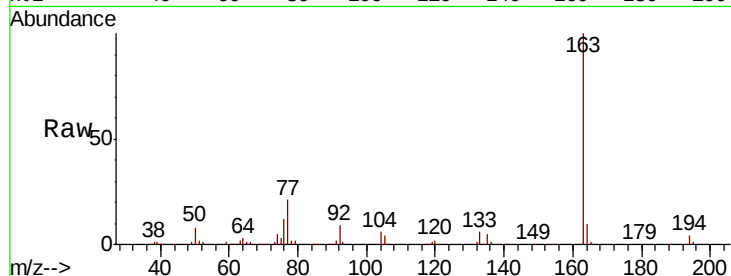
#45
Dimethylphthalate
Concen: 10.126 ng/ul
RT: 14.14 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_G
ClientSampled :
C0AP7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.2	7.8	11.8

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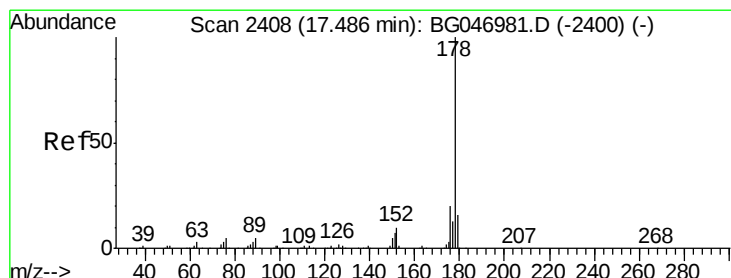
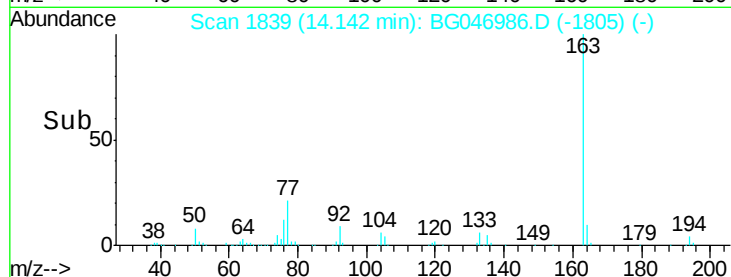
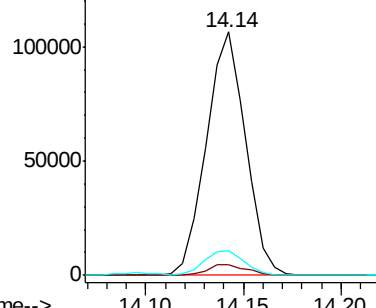


Abundance

Ion 163.00 (162.70 to 163.70): E

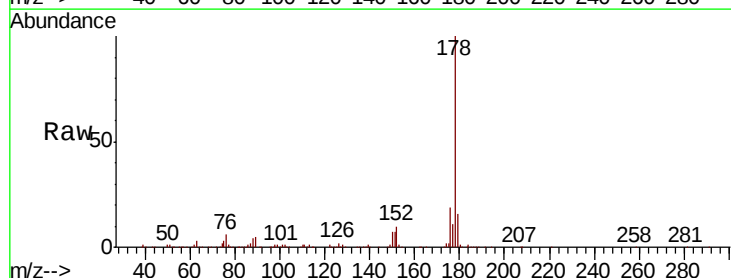
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 11.974 ng/ul
RT: 17.49 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.2	15.0	22.4

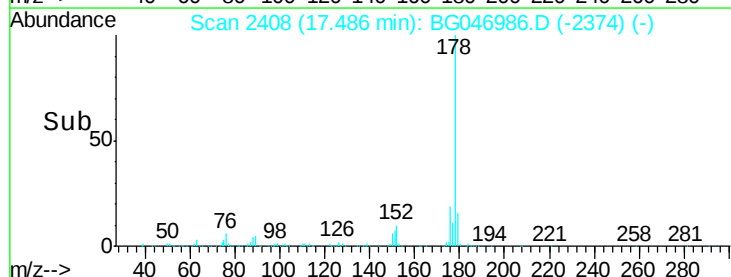
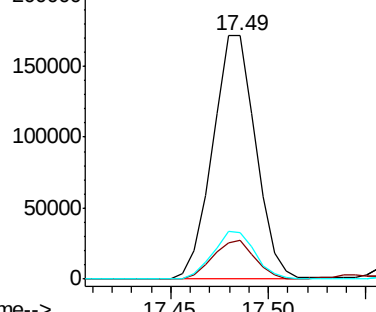


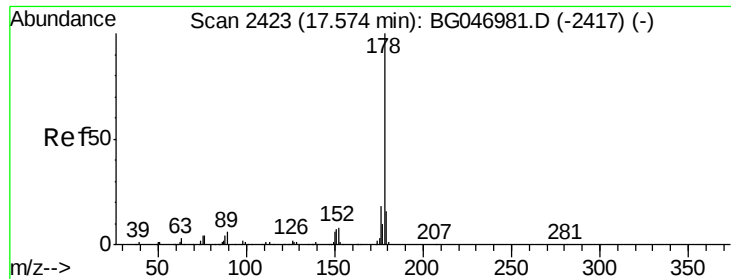
Abundance

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





#72

Anthracene

Concen: 2.675 ng/ul

RT: 17.57 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG046986.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_G

ClientSampled :

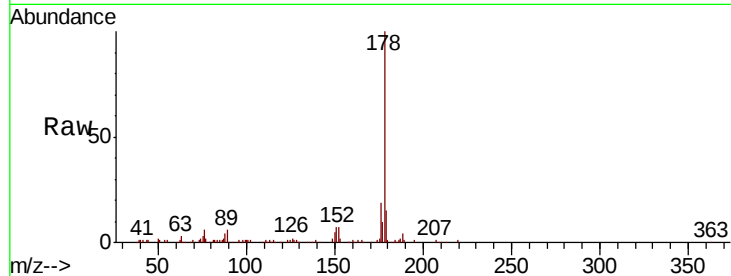
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Tot Ion:178	Resp:	58702
Ion Ratio	Lower	Upper
178 100		
179 14.7	12.2	18.4
176 19.5	16.2	24.4

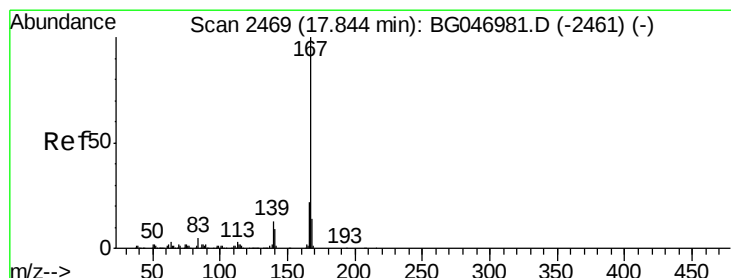
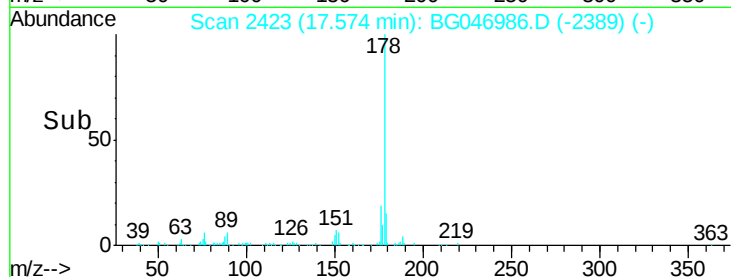
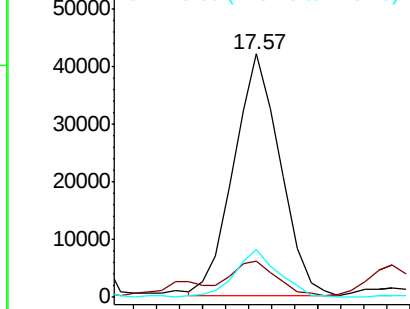
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.071 ng/ul

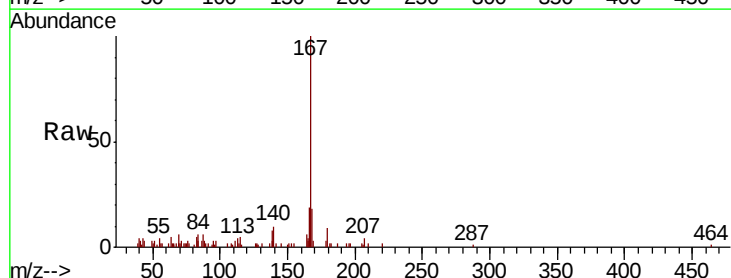
RT: 17.84 min Scan# 2468

Delta R.T. -0.01 min

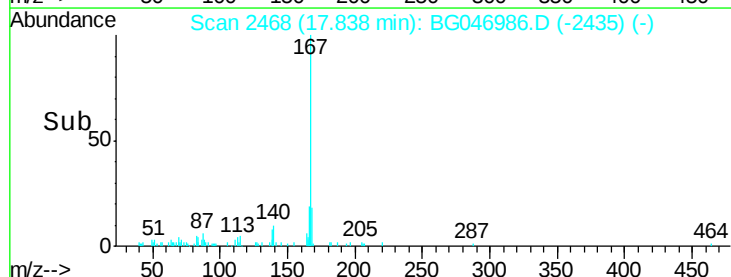
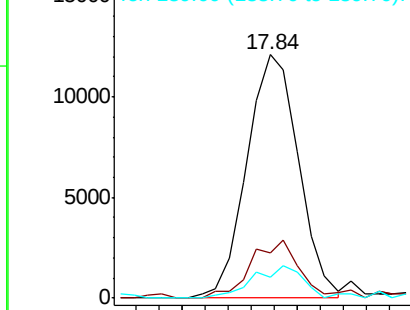
Lab File: BG046986.D

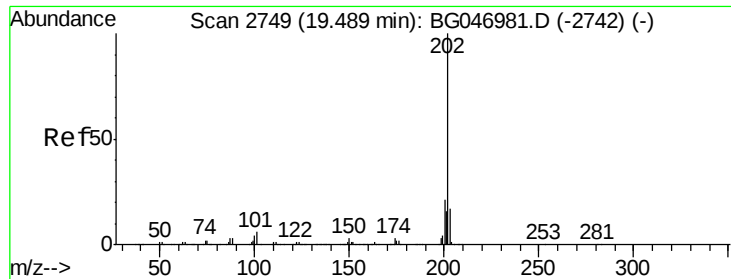
Acq: 19 Oct 2020 14:20

Tgt Ion:167	Resp:	18872
Ion Ratio	Lower	Upper
167 100		
166 18.7	18.6	27.8
139 8.4	10.3	15.5#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 22.155 ng/ul

RT: 19.49 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG046986.D

Acq: 19 Oct 2020 14:20

Instrument :

BNA_G

ClientSampled :

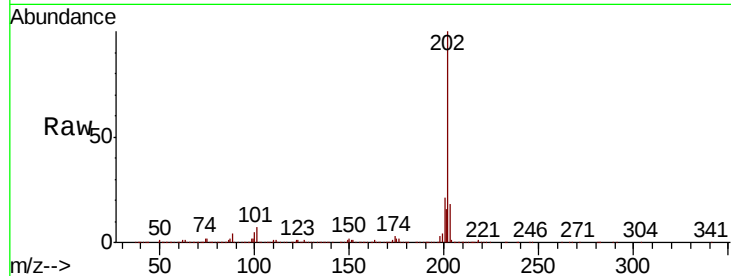
C0AP7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		587831		
101	7.0	4.9	7.3		
100	5.2	4.6	6.8		

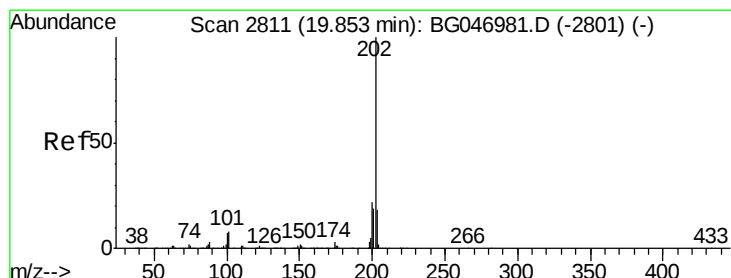
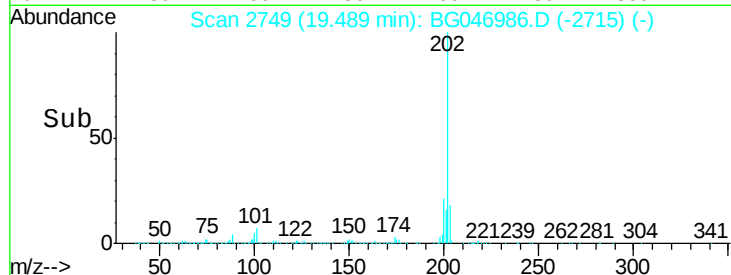
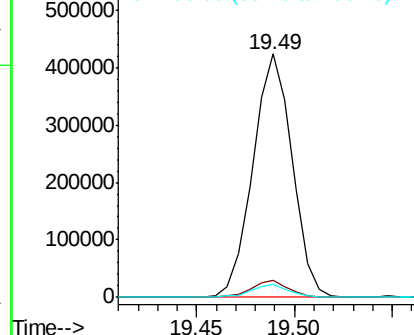
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 18.451 ng/ul

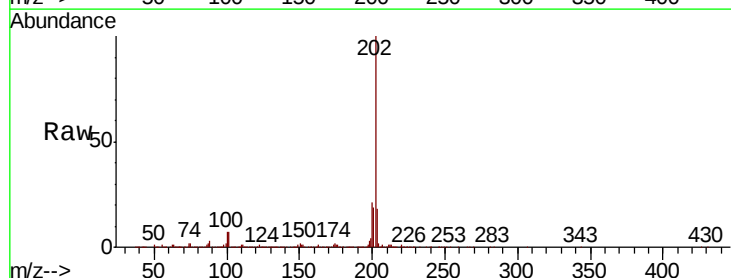
RT: 19.85 min Scan# 2811

Delta R.T. -0.00 min

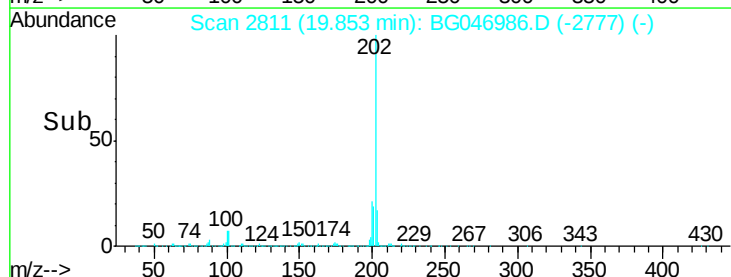
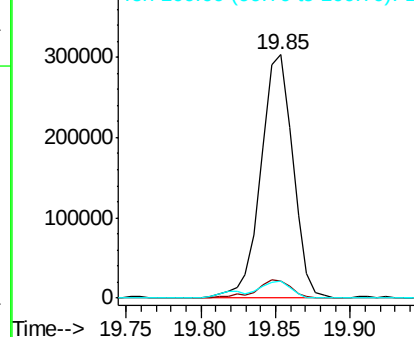
Lab File: BG046986.D

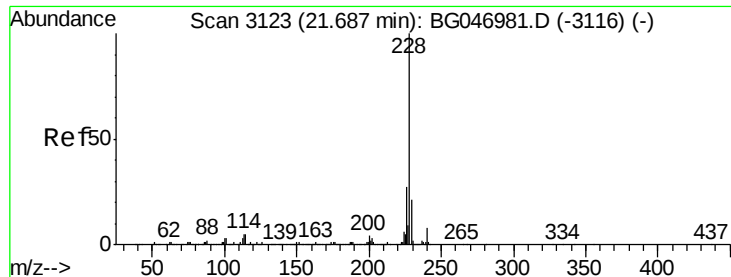
Acq: 19 Oct 2020 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		447040		
101	7.2	6.5	9.7		
100	6.9	5.2	7.8		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





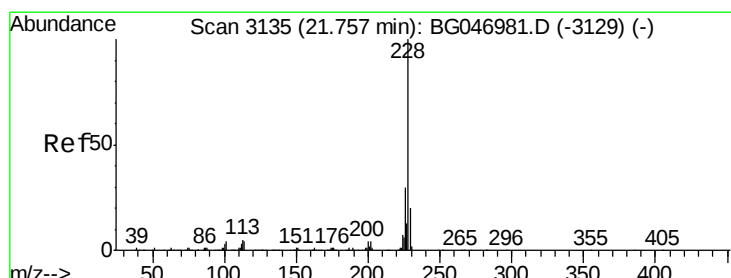
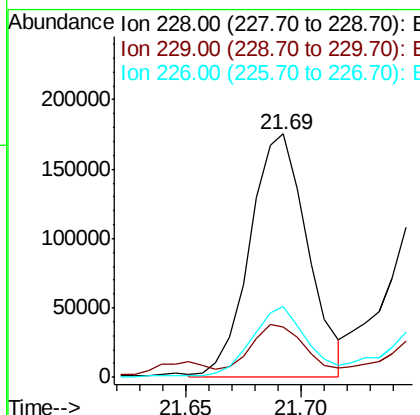
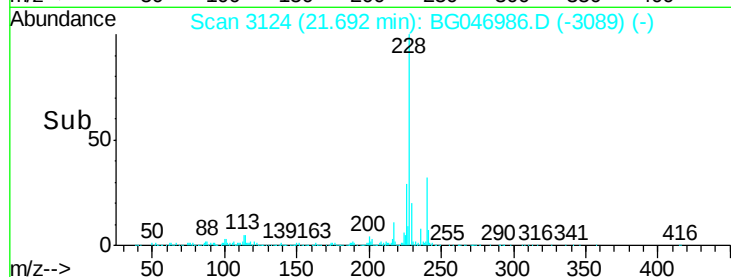
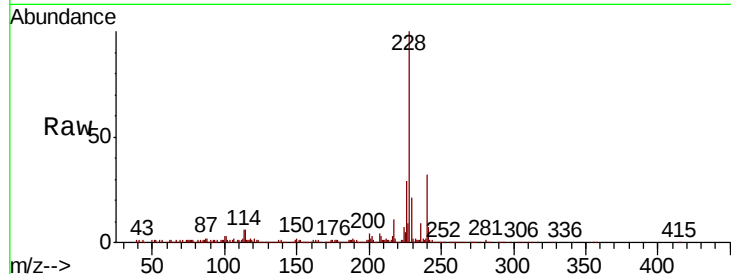
#83
Benzo(a)anthracene
Concen: 12.317 ng/ul
RT: 21.69 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	29.3	21.6	32.4

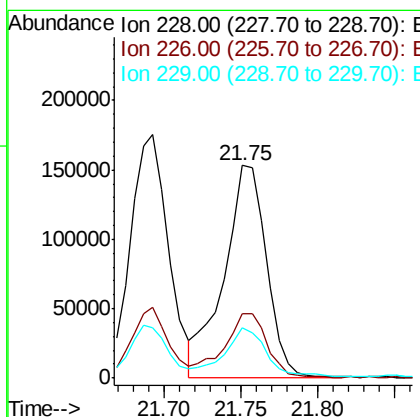
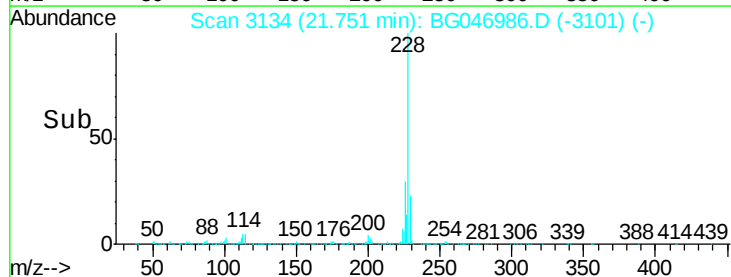
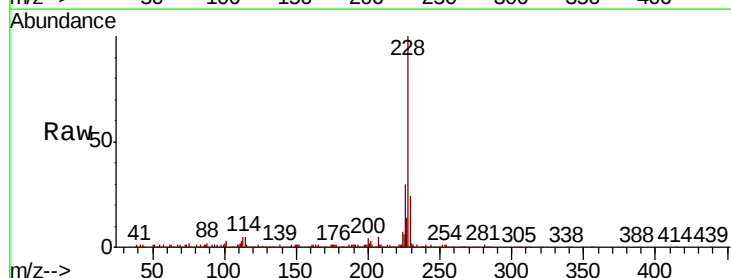
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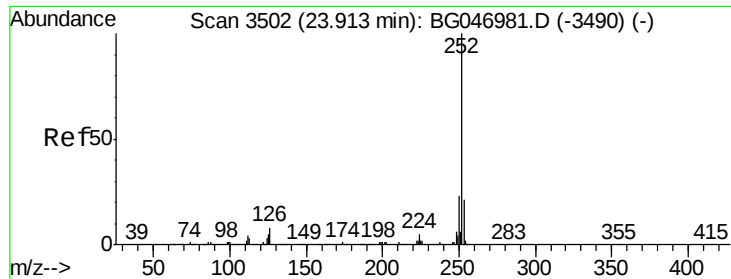
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#85
Chrysene
Concen: 12.266 ng/ul m
RT: 21.75 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	23.9	15.6	23.4#





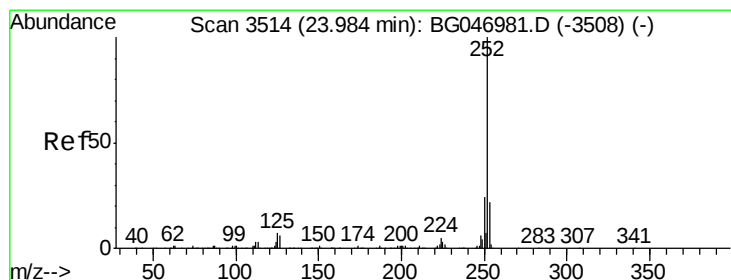
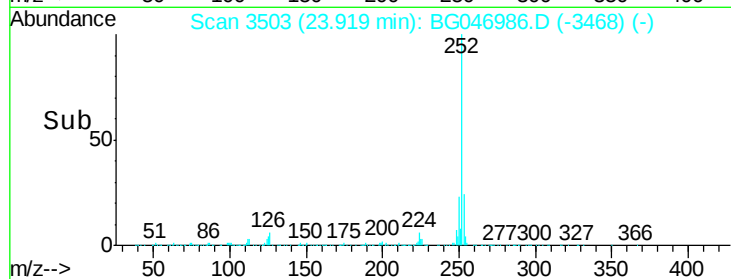
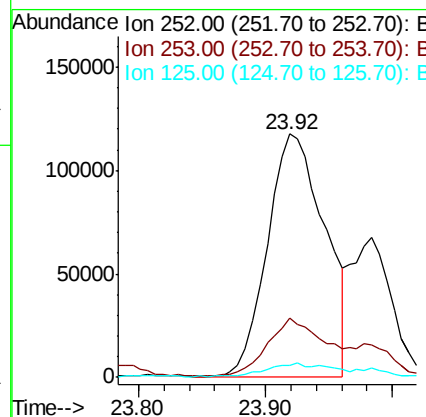
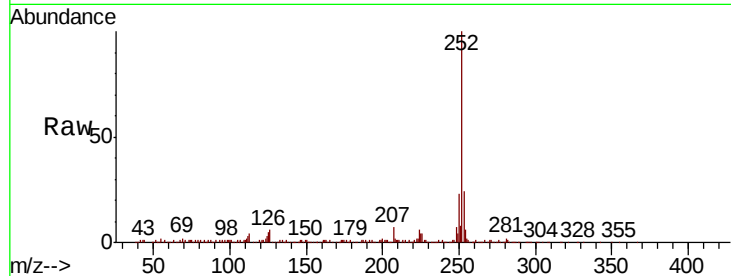
#88
Benzo(b)fluoranthene
Concen: 14.374 ng/ul
RT: 23.92 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	5.0	4.6	7.0

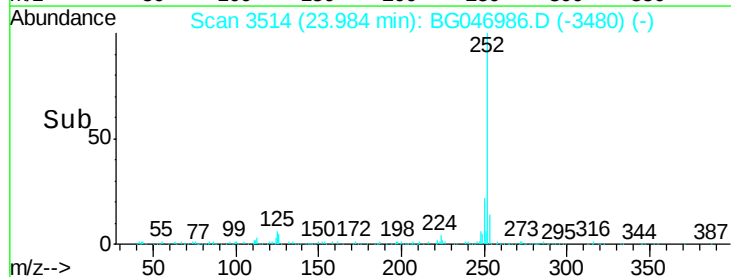
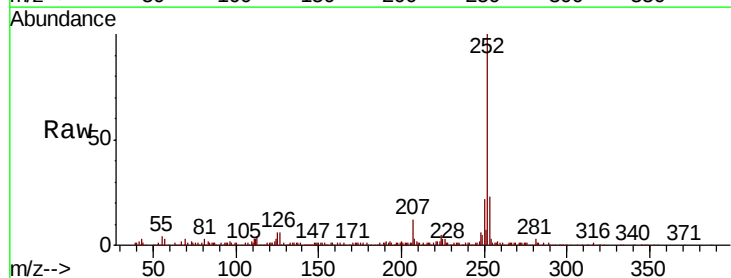
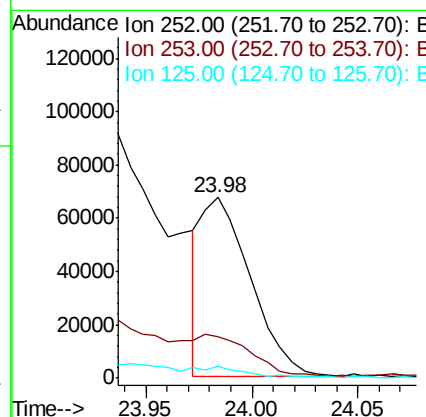
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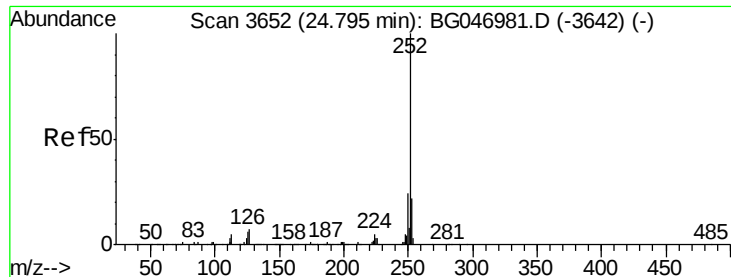
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#89
Benzo(k)fluoranthene
Concen: 4.376 ng/ul
RT: 23.98 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	6.3	4.2	6.4





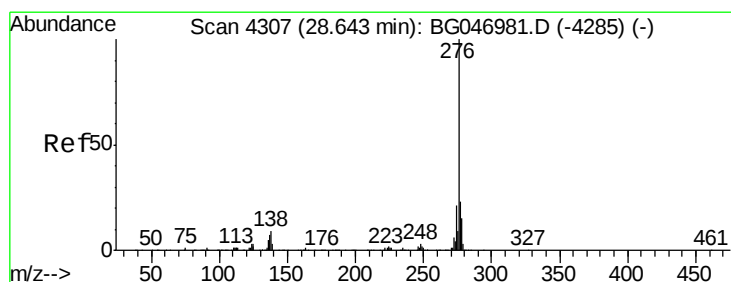
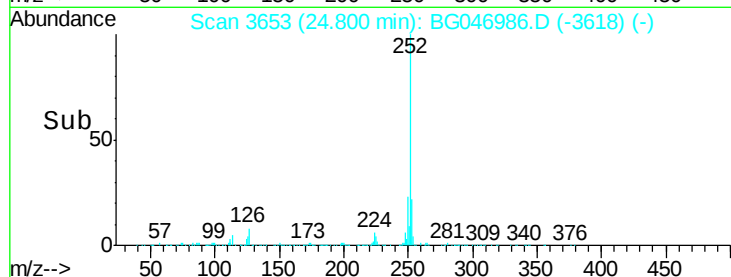
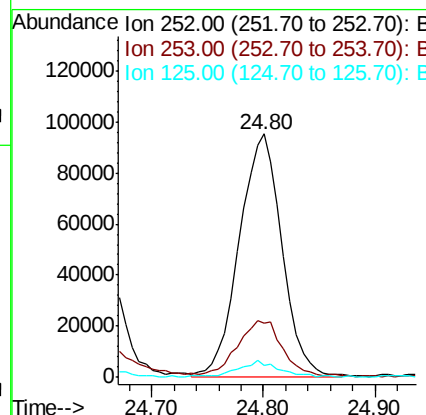
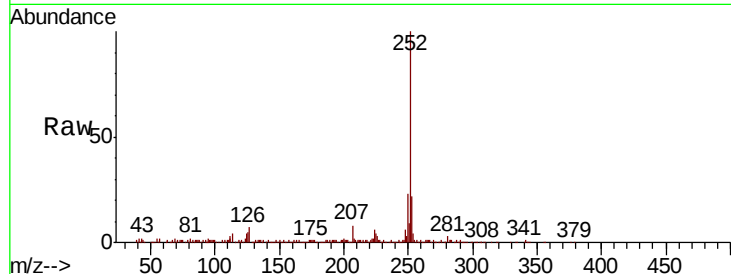
#91
Benzo(a)pyrene
Concen: 11.005 ng/ul m
RT: 24.80 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	4.9	5.4	8.0

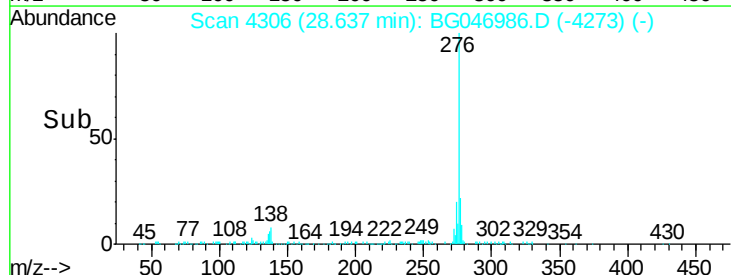
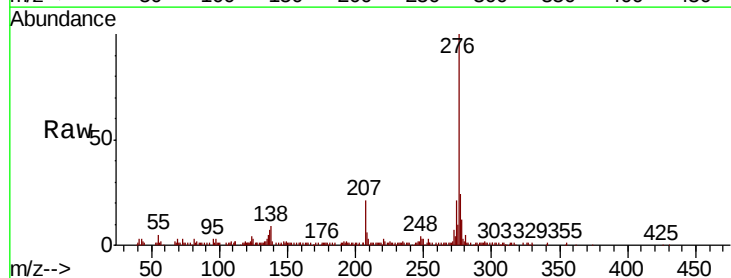
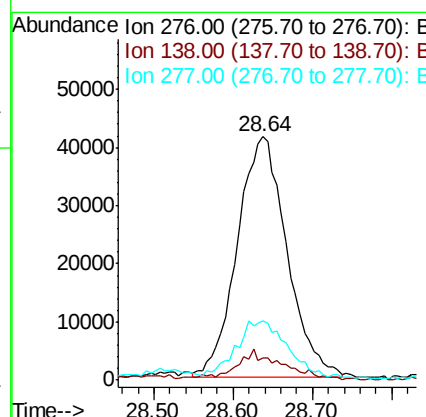
Manual Integrations
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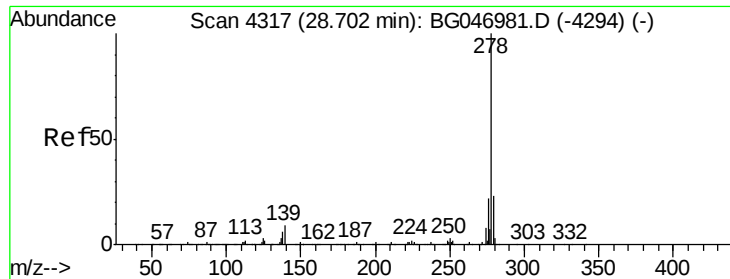
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#92
Indeno(1,2,3-cd)pyrene
Concen: 6.397 ng/ul
RT: 28.64 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.1	7.8	11.6
277	24.1	19.4	29.2





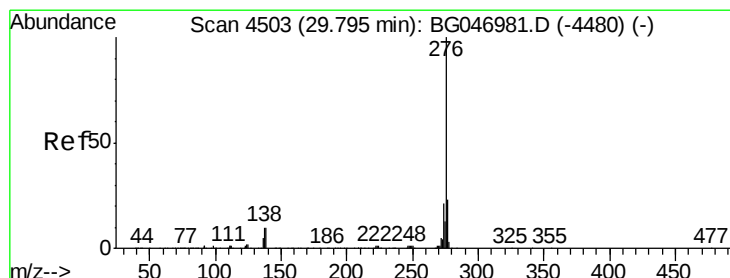
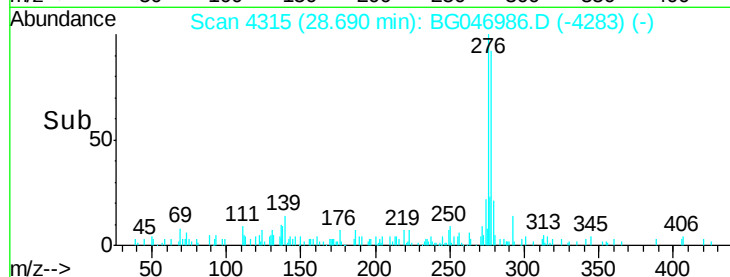
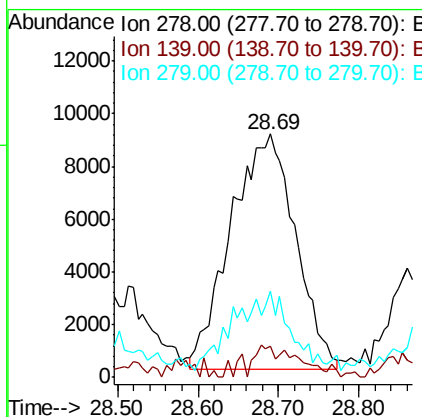
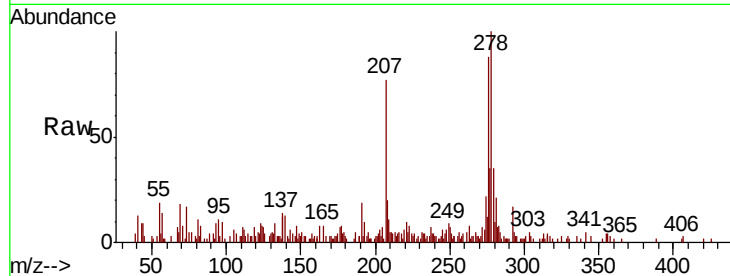
#93
Dibenzo(a,h)anthracene
Concen: 2.136 ng/ul m
RT: 28.69 min Scan# 4315
Delta R.T. -0.01 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.6	7.0	10.6#
279	35.4	19.0	28.4#

Manual Integrations
APPROVED

mohammad
10/20/2020 2:57:46 PM



#94
Benzo(g,h,i)perylene
Concen: 6.265 ng/ul m
RT: 29.79 min Scan# 4503
Delta R.T. -0.00 min
Lab File: BG046986.D
Acq: 19 Oct 2020 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	8.5	12.7
277	26.0	18.5	27.7

