

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046319.D
 Acq On : 18 Aug 2020 9:06
 Operator : CG/JU
 Sample : L3632-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM97

Manual Integrations
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Quant Time: Aug 18 12:12:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	78521	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	318193	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.56	164	210955	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	486100	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	489413	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	508170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	82323	15.03	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	329332	16.96	ng/ul	0.00
10) Fluorene-d10	15.56	176	241299	16.22	ng/ul	0.00
15) Anthracene-d10	17.41	188	373029	16.55	ng/ul	0.00
19) Pyrene-d10	19.69	212	421602	16.74	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	420351	15.16	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	84067	3.144	ng/ul	99
17) Fluoranthene	19.36	202	148962	4.996	ng/ul	99
20) Pyrene	19.72	202	126892	3.950	ng/ul#	96
21) Benzo(a)anthracene	21.54	228	62621	1.967	ng/ul	98
22) Chrysene	21.60	228	74234	2.412	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	95972	2.856	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	37689m	1.131	ng/ul	
27) Benzo(a)pyrene	24.51	252	53662	1.739	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.15	276	44619m	1.155	ng/ul	

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

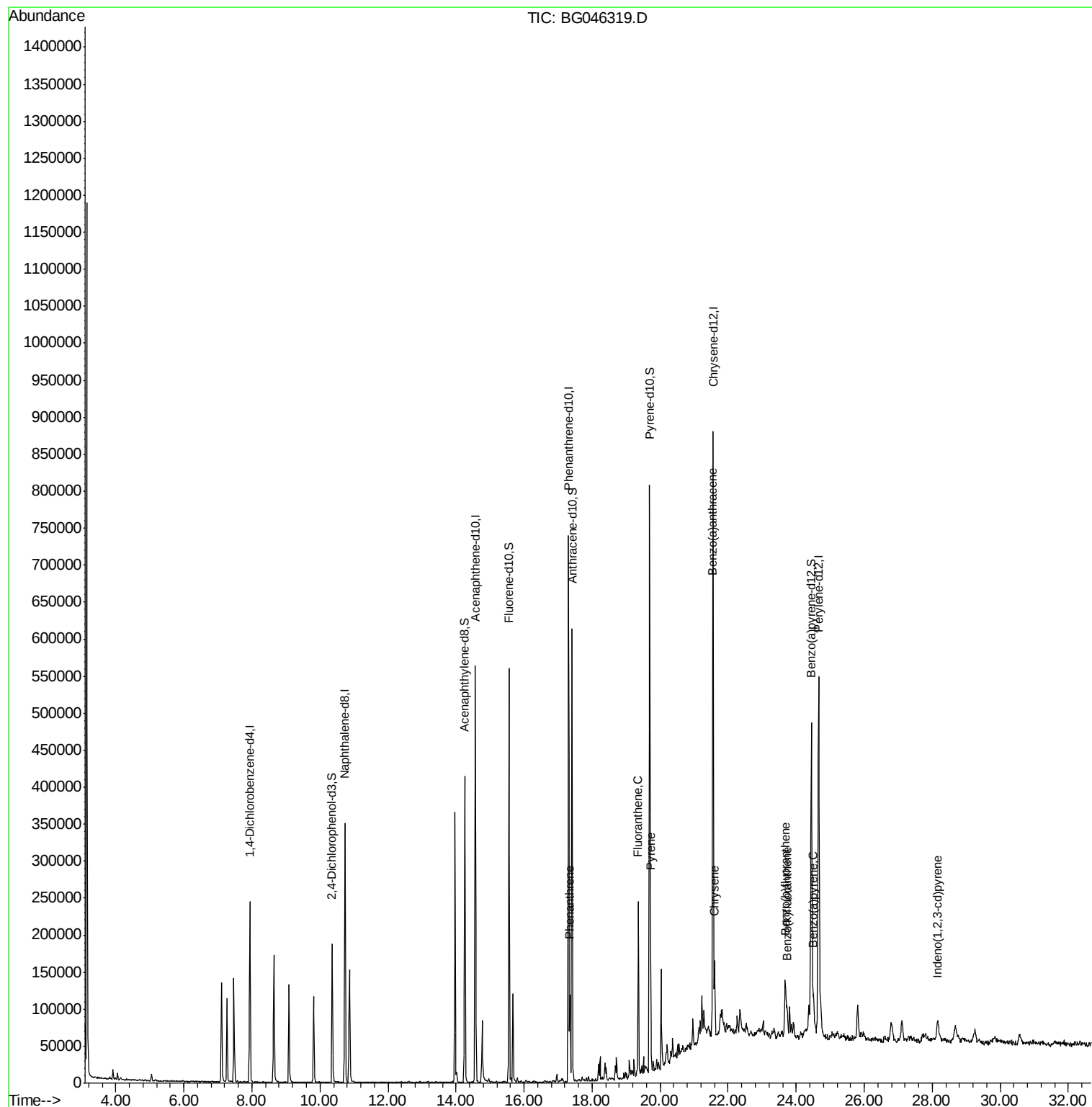
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
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ALS Vial : 26 Sample Multiplier: 1

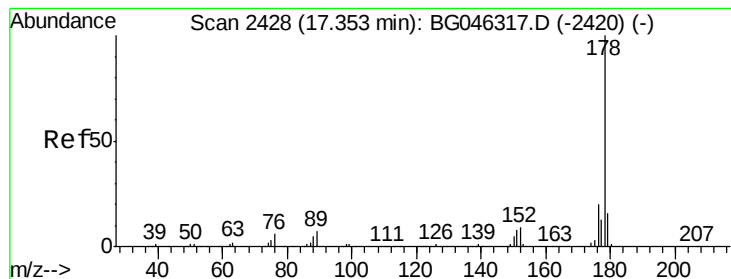
Instrument :
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#14

Phenanthrene

Concen: 3.144 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG046319.D

Acq: 18 Aug 2020 9:06

Instrument :

BNA_G

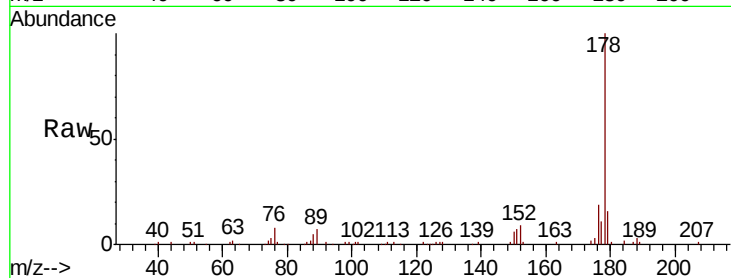
ClientSampleId :

BFM97

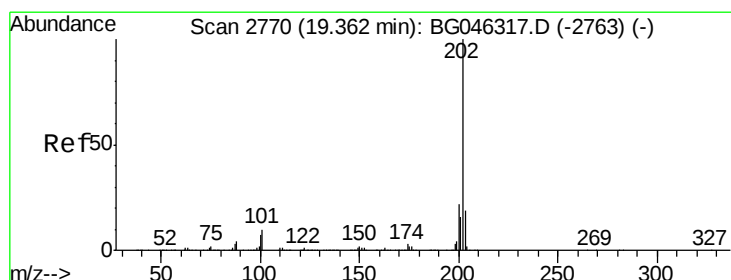
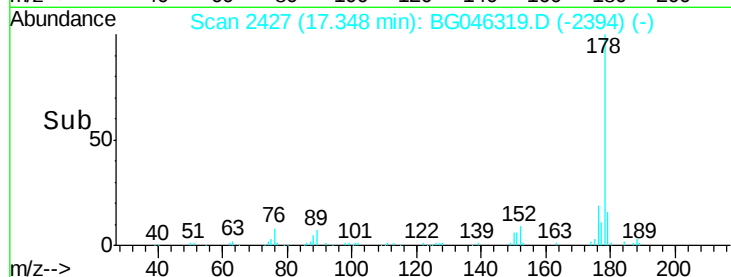
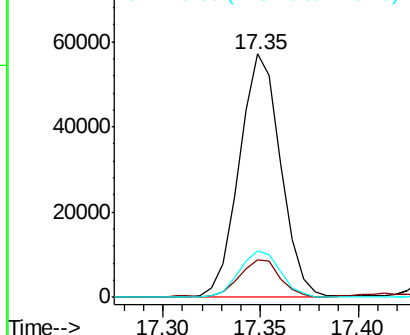
Tot Ion:	178	Resp:	84067
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.3	15.8	23.8

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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



#17

Fluoranthene

Concen: 4.996 ng/ul

RT: 19.36 min Scan# 2769

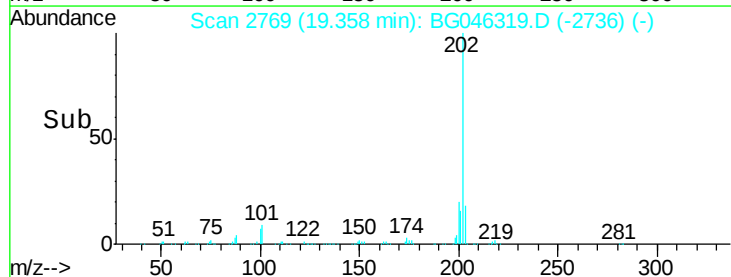
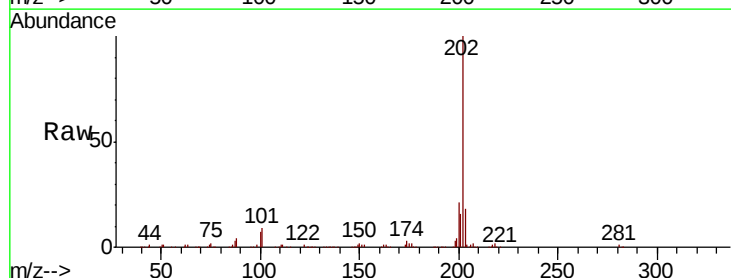
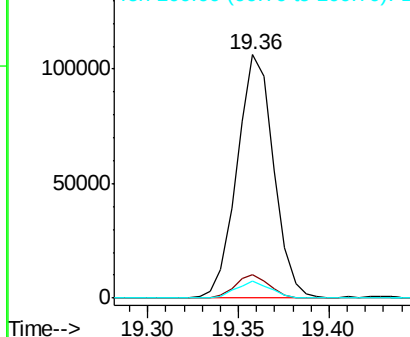
Delta R.T. -0.01 min

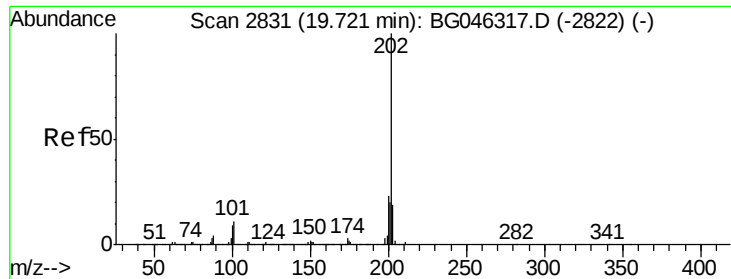
Lab File: BG046319.D

Acq: 18 Aug 2020 9:06

Tgt Ion:	202	Resp:	148962
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.8	11.6
100	7.1	5.9	8.9

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





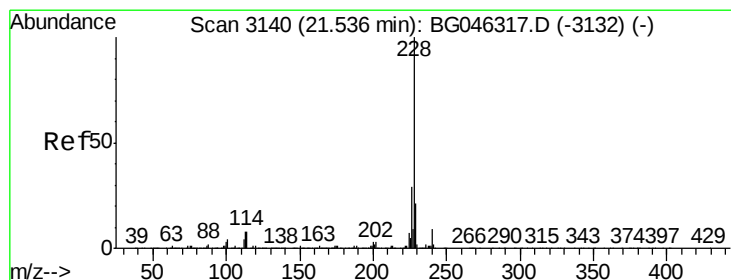
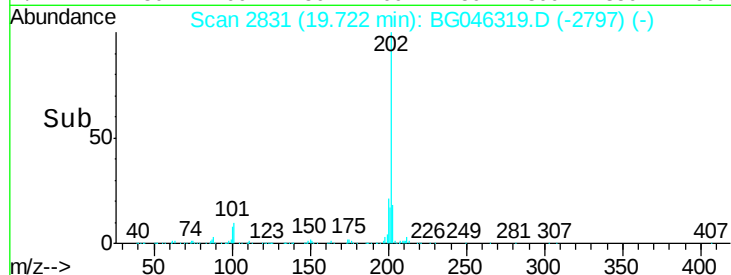
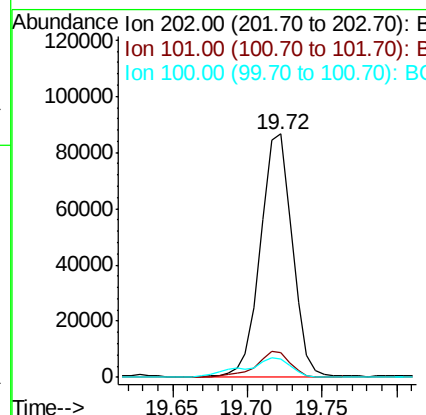
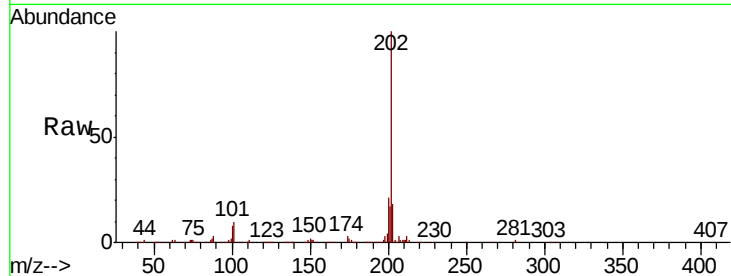
#20
Pvrene
Concen: 3.950 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046319.D
Acq: 18 Aug 2020 9:06

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.2		8.9	13.3	
100	7.6		7.9	11.9	

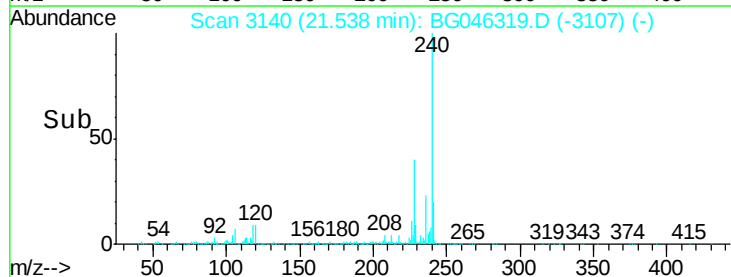
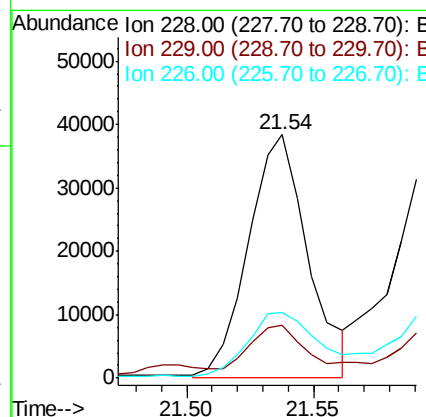
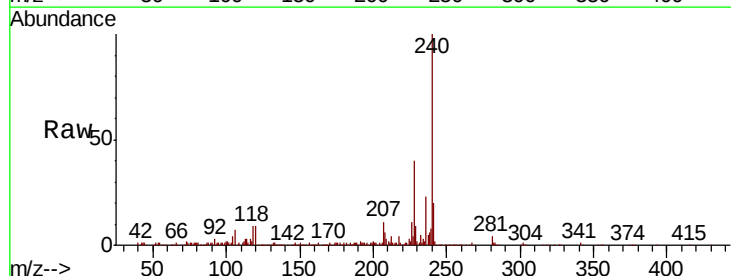
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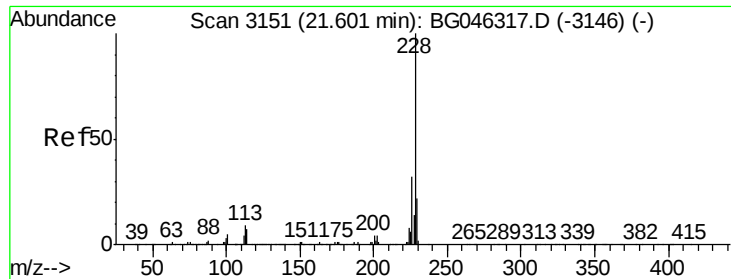
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#21
Benzo(a)anthracene
Concen: 1.967 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046319.D
Acq: 18 Aug 2020 9:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	21.8		16.6	25.0	
226	27.2		22.6	33.8	





#22

Chrysene

Concen: 2.412 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG046319.D

Acq: 18 Aug 2020 9:06

Instrument :

BNA_G

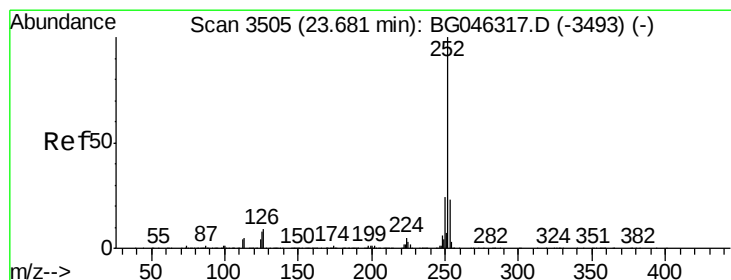
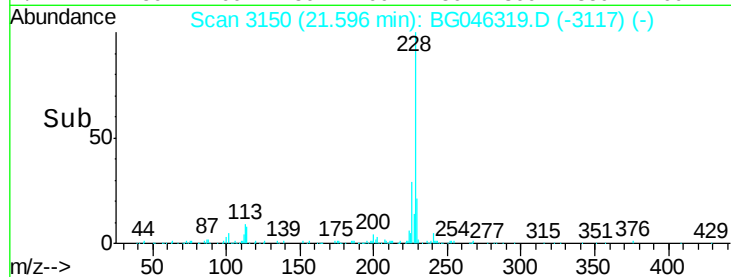
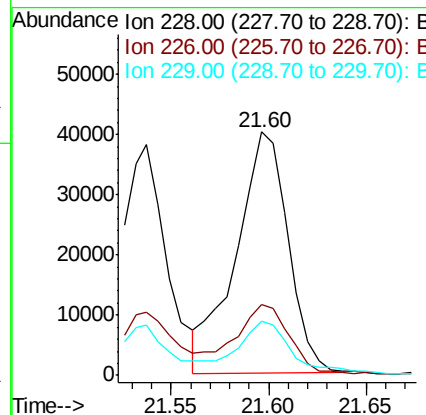
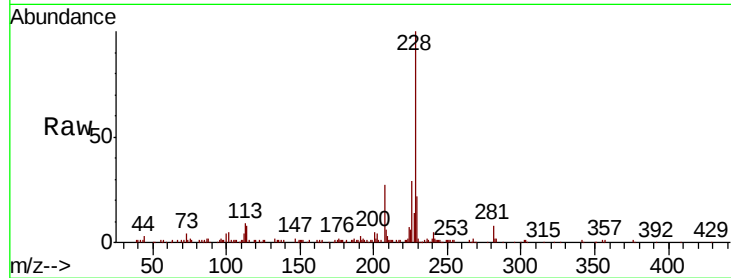
ClientSampled :

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Tot Ion:	228	Resp:	74234
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.5	38.3
229	22.0	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 2.856 ng/ul

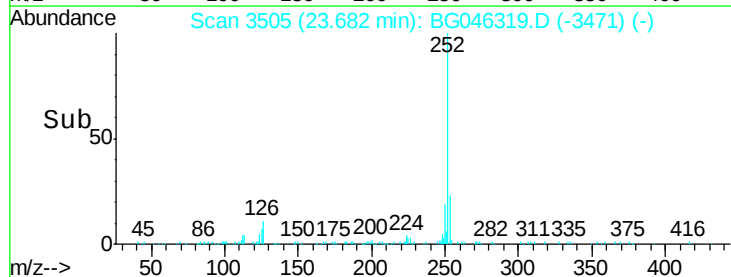
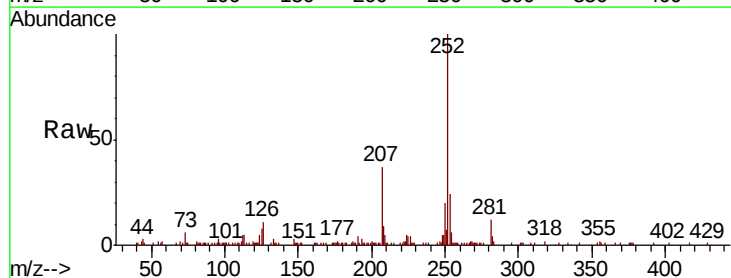
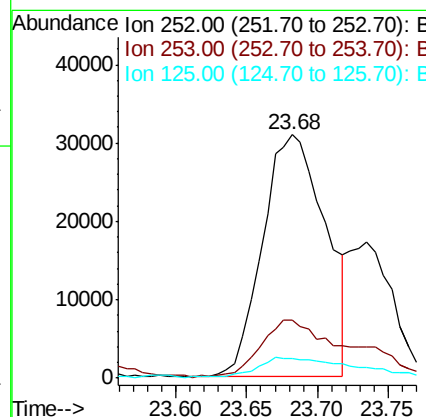
RT: 23.68 min Scan# 3505

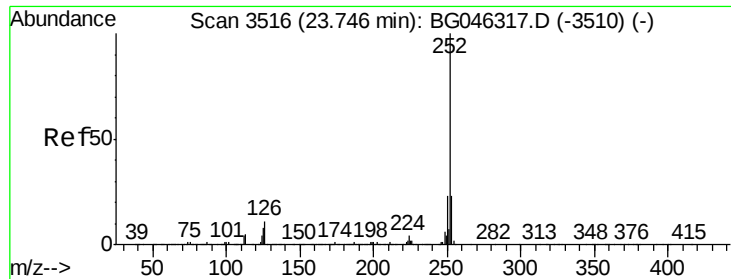
Delta R.T. -0.00 min

Lab File: BG046319.D

Acq: 18 Aug 2020 9:06

Tgt Ion:	252	Resp:	95972
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	7.9	6.4	9.6





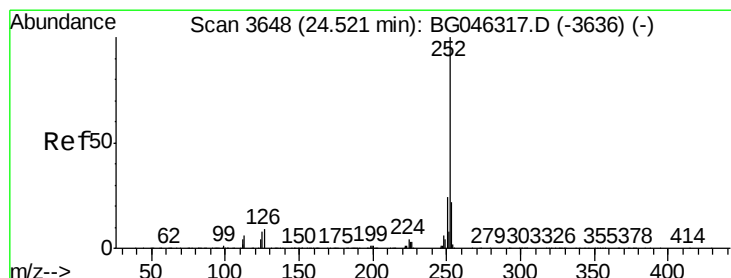
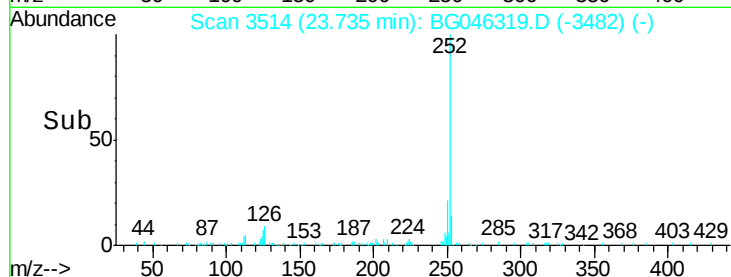
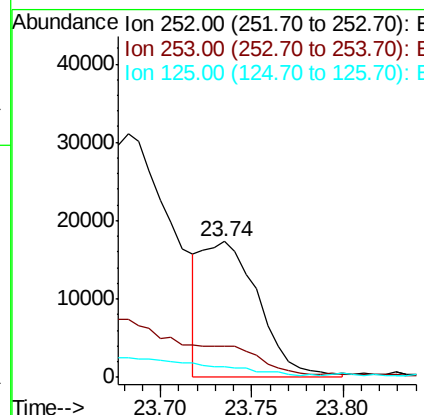
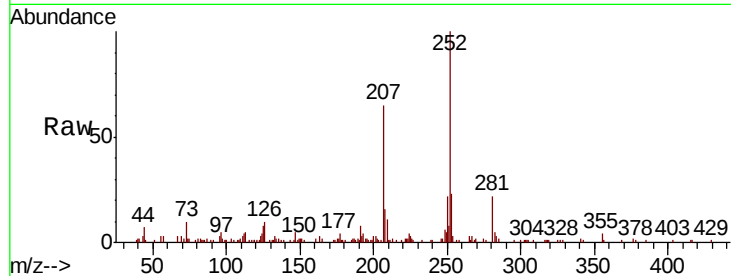
#25
Benzo(k)fluoranthene
Concen: 1.131 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046319.D
Acq: 18 Aug 2020 9:06

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	7.8	6.2	9.2

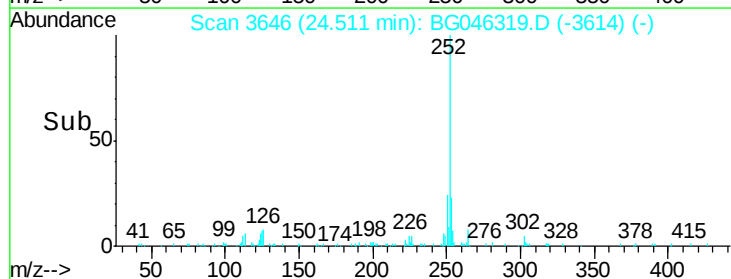
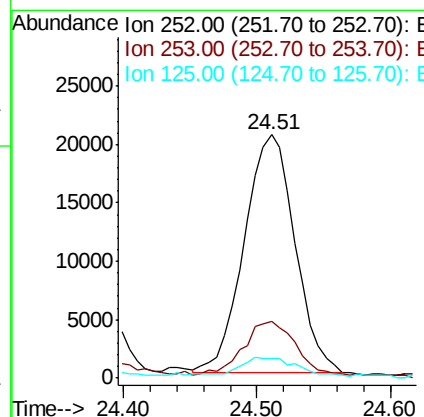
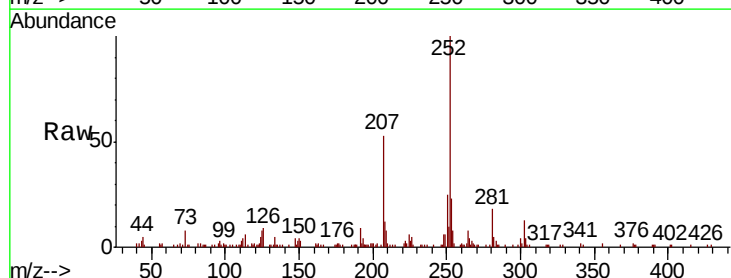
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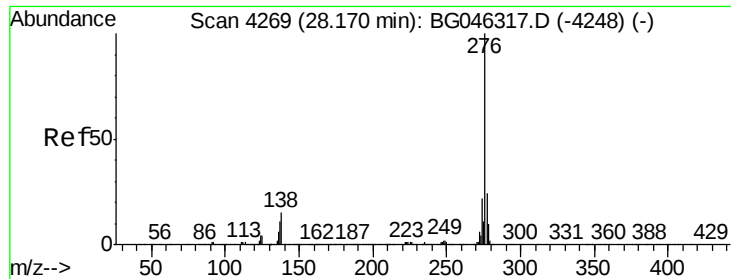
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#27
Benzo(a)pyrene
Concen: 1.739 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046319.D
Acq: 18 Aug 2020 9:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	7.9	7.1	10.7





#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.155 ng/ul m
 RT: 28.15 min Scan# 4265
 Delta R.T. -0.02 min
 Lab File: BG046319.D
 Acq: 18 Aug 2020 9:06

Instrument :
 BNA_G
 ClientSampleId :
 BFM97

Tot Ion:	276	Resp:	44619
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.2	19.8
277	24.8	19.9	29.9

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