

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046299.D
 Acq On : 17 Aug 2020 15:51
 Operator : CG/JU
 Sample : L3632-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM86

Manual Integrations
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Quant Time: Aug 18 01:33:13 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	67127	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	269119	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	189085	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	477264	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	510085	20.00	ng/ul	0.00
23) Perylene-d12	24.65	264	539569	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	40417	8.72	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	167164	9.61	ng/ul	0.00
10) Fluorene-d10	15.56	176	137309	10.30	ng/ul	0.00
15) Anthracene-d10	17.41	188	211617	9.56	ng/ul	0.00
19) Pyrene-d10	19.69	212	249704	9.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	260246	8.84	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	341911	13.022	ng/ul	99
16) Anthracene	17.44	178	50461	1.905	ng/ul	98
17) Fluoranthene	19.36	202	533114	18.209	ng/ul	99
20) Pyrene	19.72	202	477625	14.265	ng/ul	97
21) Benzo(a)anthracene	21.53	228	251836	7.588	ng/ul	99
22) Chrysene	21.60	228	255031	7.949	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	321905	9.022	ng/ul	98
25) Benzo(k)fluoranthene	23.73	252	113631m	3.210	ng/ul	
27) Benzo(a)pyrene	24.50	252	208502	6.365	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	150809	3.677	ng/ul	96
29) Dibenzo(a,h)anthracene	28.20	278	40937m	1.231	ng/ul	
30) Benzo(a,h,i)perylene	29.23	276	106269	3.096	ng/ul	98

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

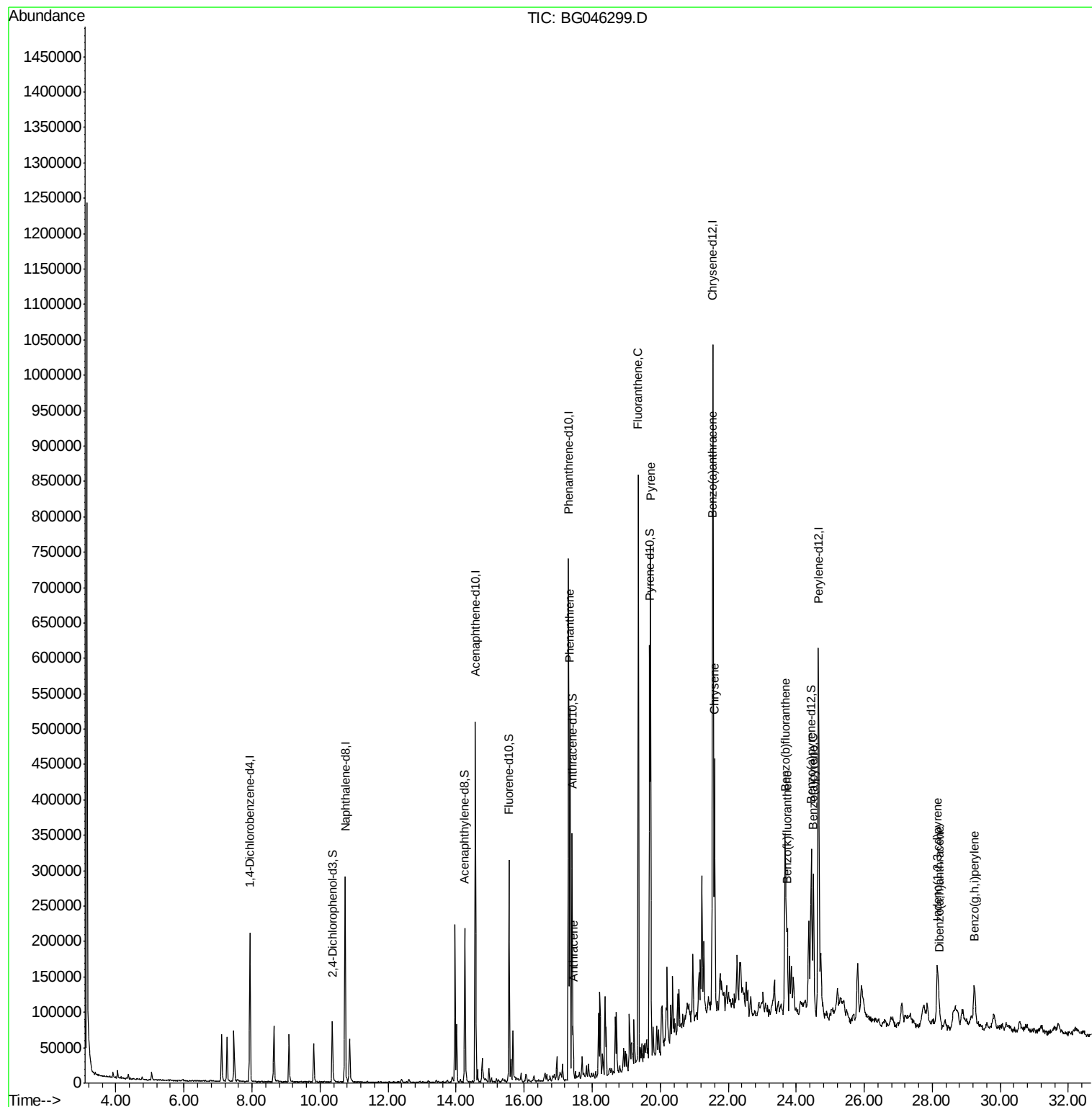
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

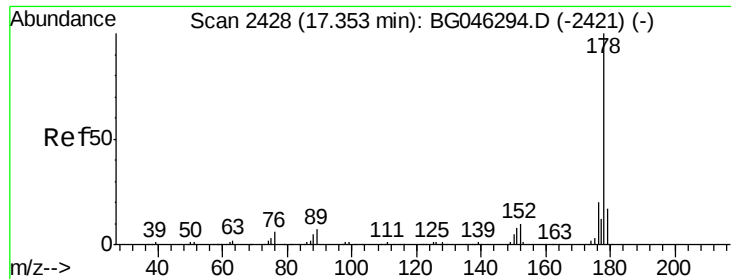
Instrument :
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Quant Time: Aug 18 01:33:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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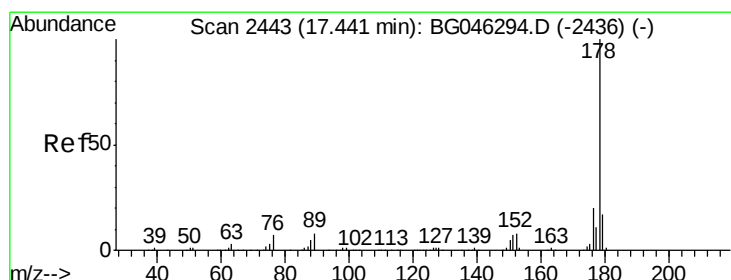
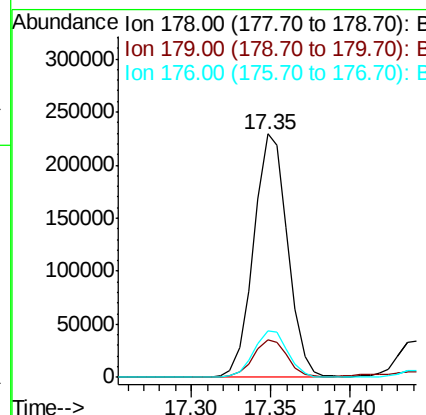
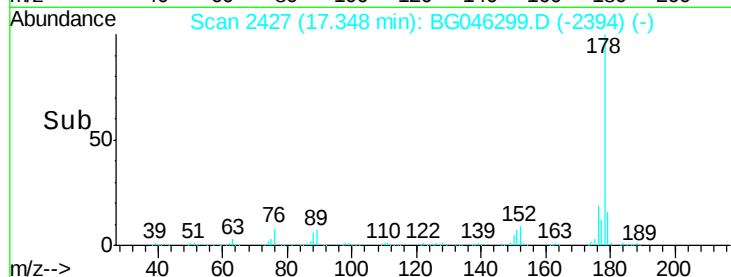
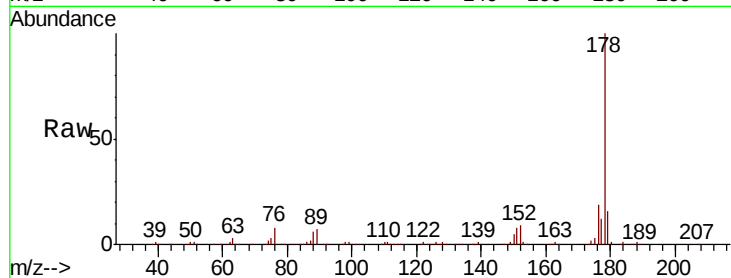
#14
Phenanthrene
Concen: 13.022 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Instrument :
BNA_G
ClientSampleId :
BFM86

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.1	15.8	23.8

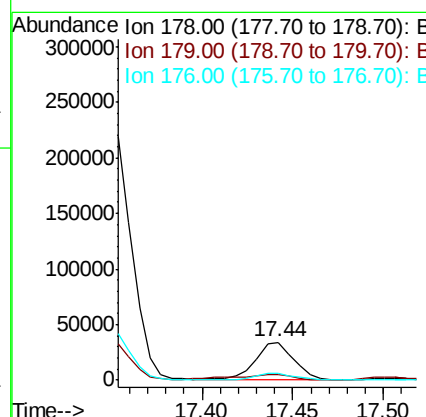
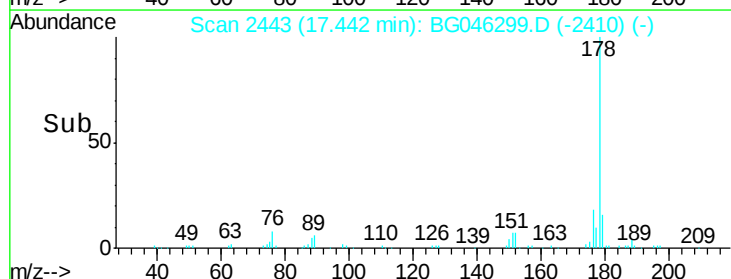
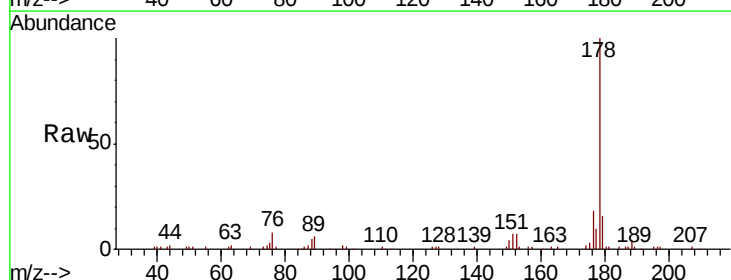
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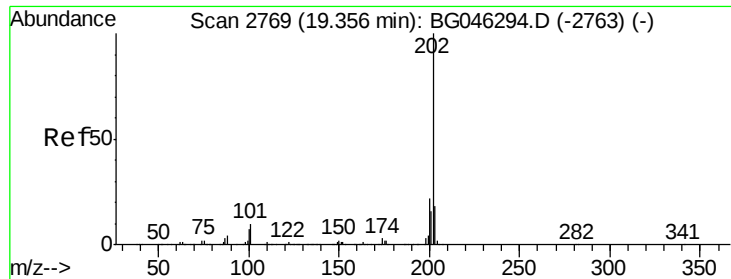
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#16
Anthracene
Concen: 1.905 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	18.2	15.2	22.8





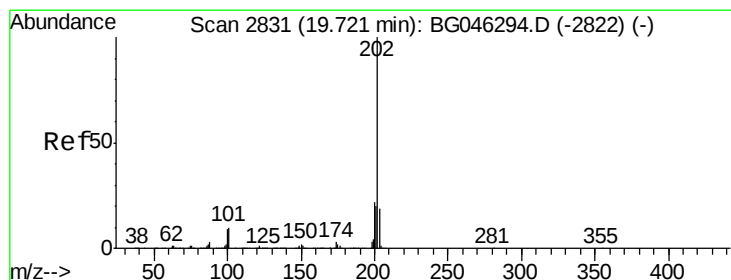
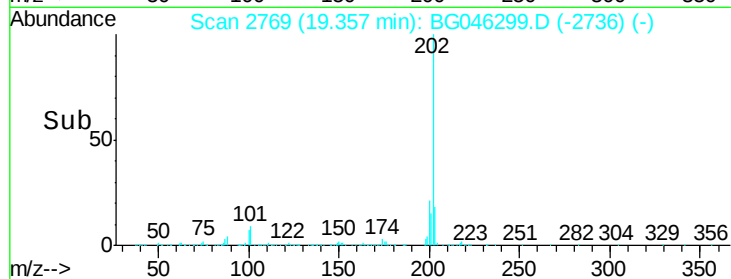
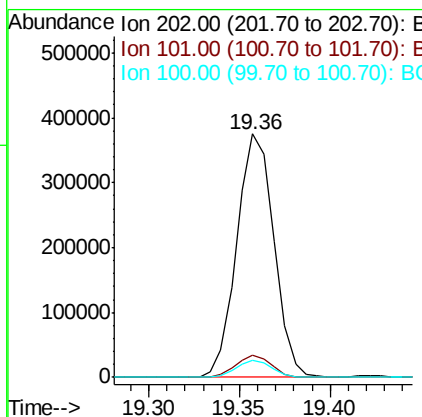
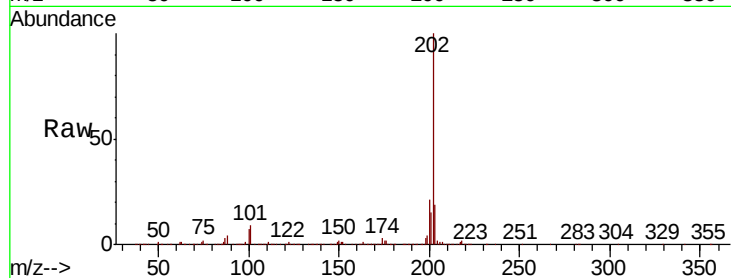
#17
Fluoranthene
 Concen: 18.209 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046299.D
 Acq: 17 Aug 2020 15:51

Instrument :
 BNA_G
 ClientSampled :
 BFM86

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		533114		
101	9.1	7.8	11.6		
100	7.2	5.9	8.9		

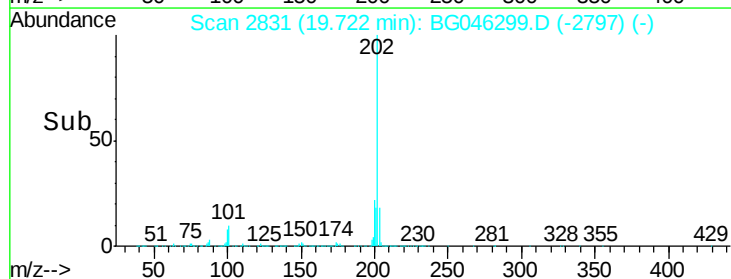
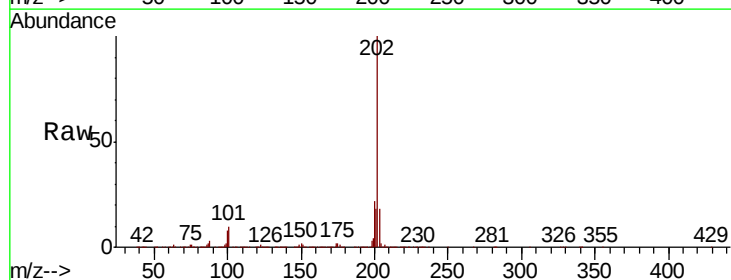
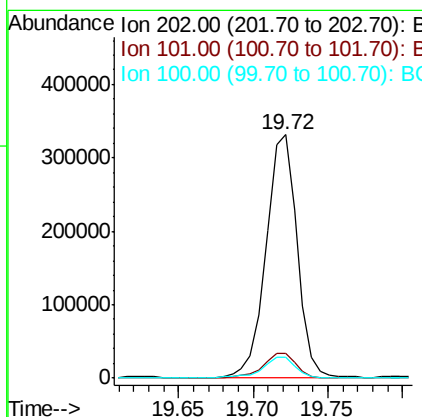
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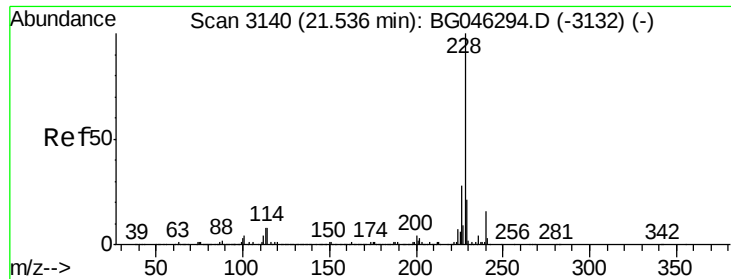
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#20
Pyrene
 Concen: 14.265 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046299.D
 Acq: 17 Aug 2020 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		477625		
101	10.3	8.9	13.3		
100	8.4	7.9	11.9		





#21

Benzo(a)anthracene

Concen: 7.588 ng/ul

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

BNA_G

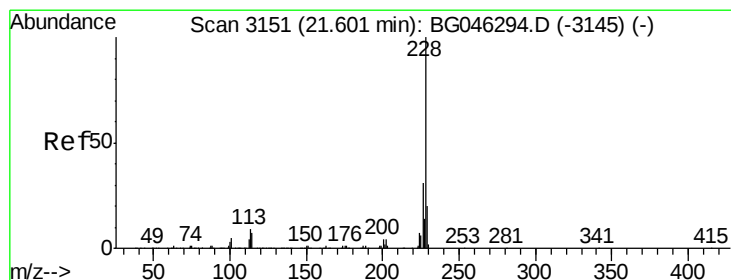
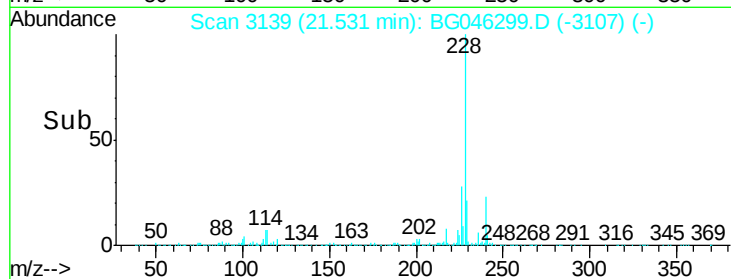
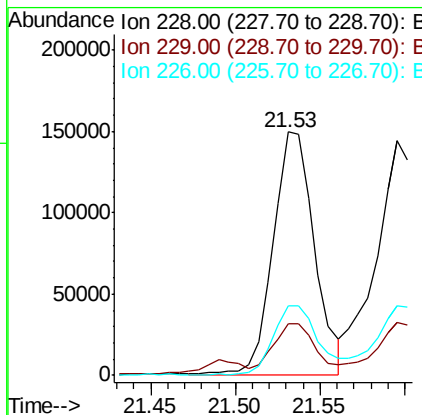
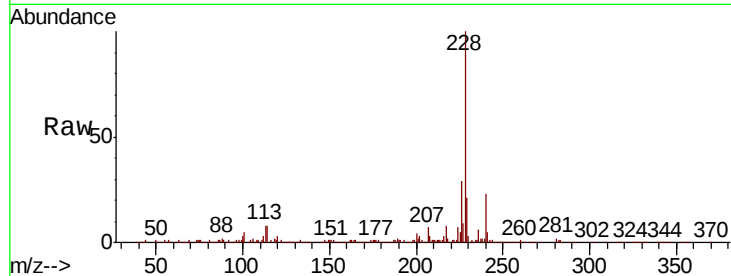
ClientSampleId :

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Tot Ion:	228	Resp:	251836
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.6	25.0
226	28.8	22.6	33.8

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#22

Chrysene

Concen: 7.949 ng/ul

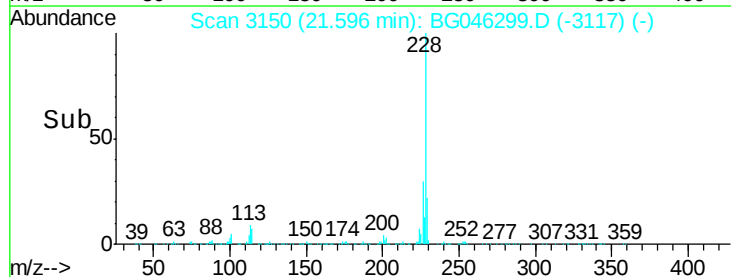
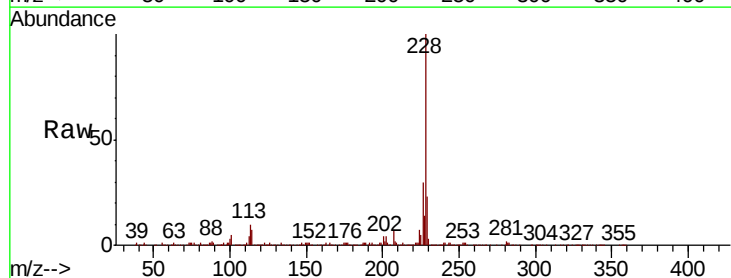
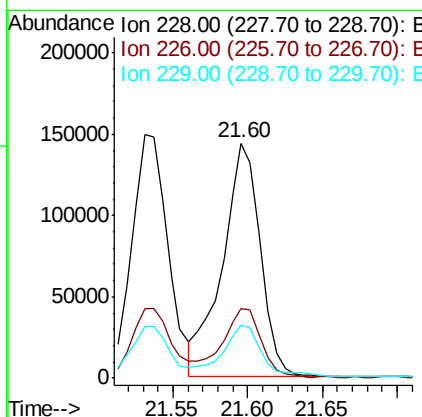
RT: 21.60 min Scan# 3150

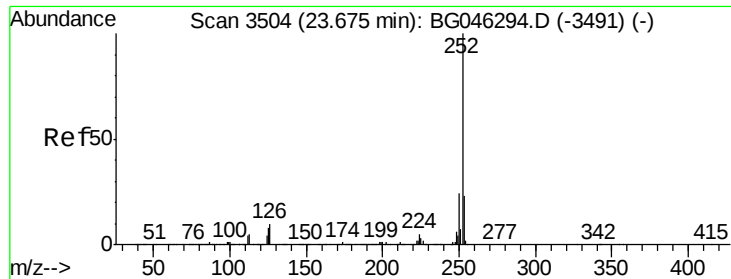
Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Tgt Ion:	228	Resp:	255031
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.5	38.3
229	22.6	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 9.022 ng/ul

RT: 23.68 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

BNA_G

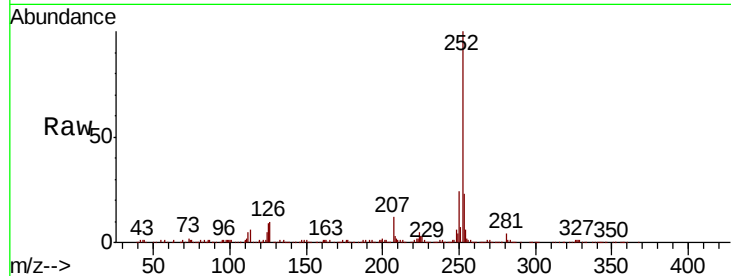
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BFM86

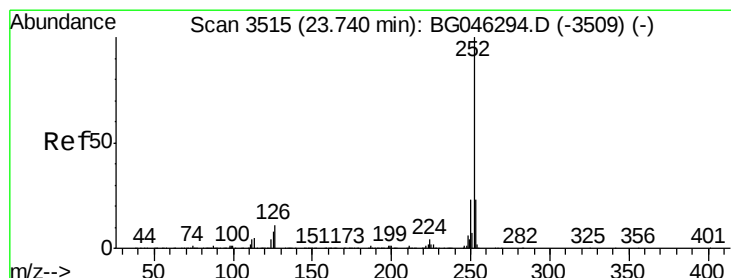
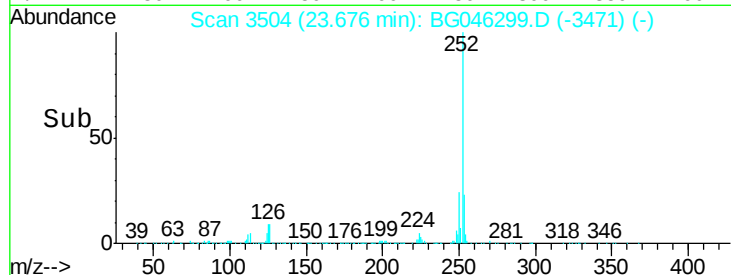
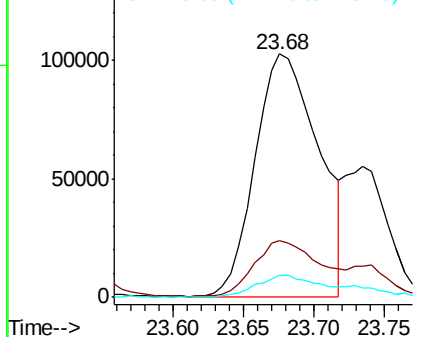
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	9.0	6.4	9.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#25

Benzo(k)fluoranthene

Concen: 3.210 ng/ul m

RT: 23.73 min Scan# 3514

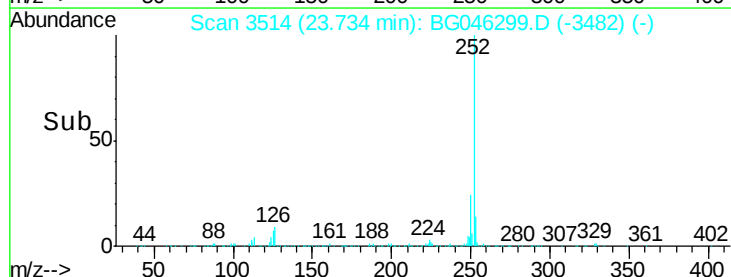
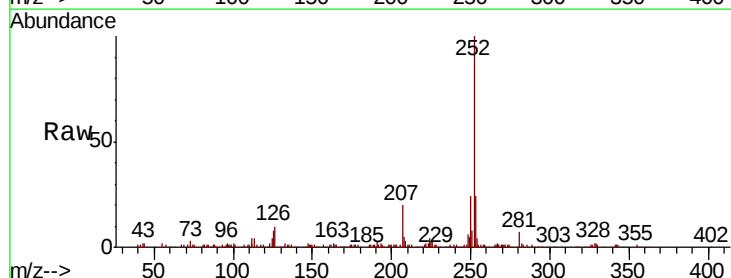
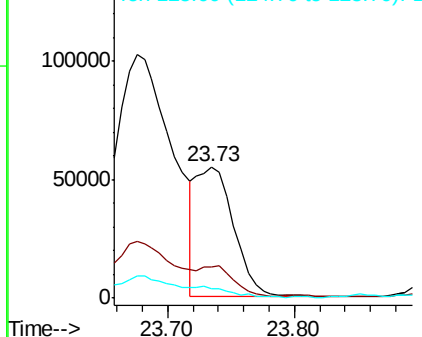
Delta R.T. -0.01 min

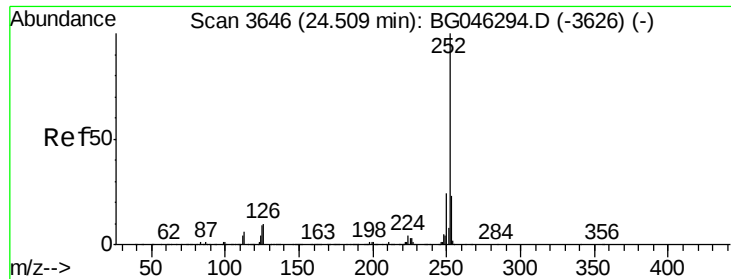
Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	7.5	6.2	9.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





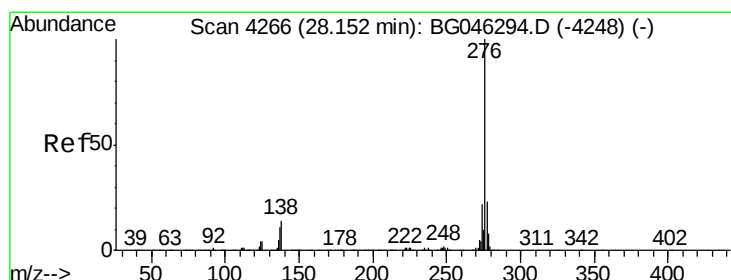
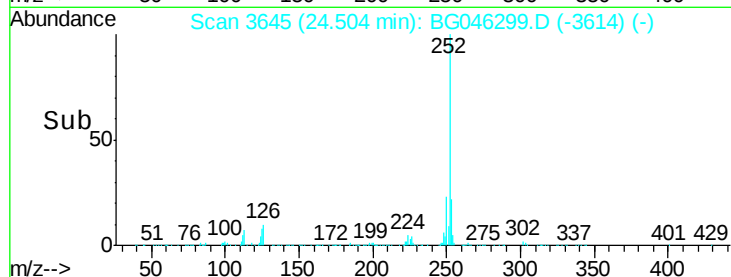
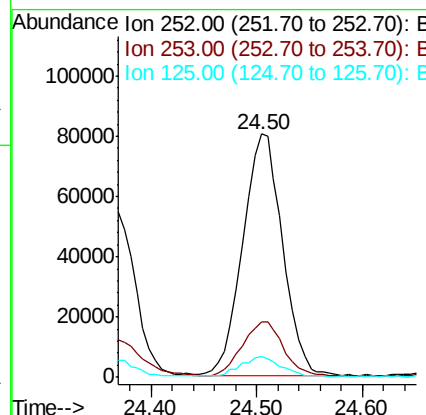
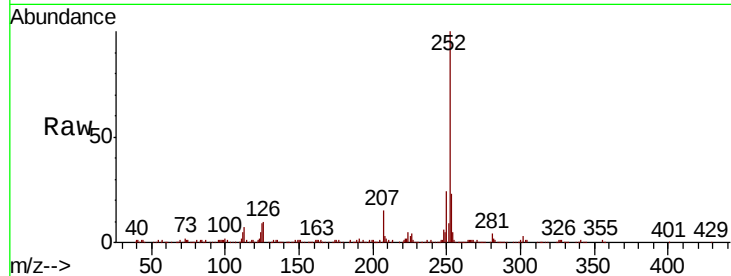
#27
Benzo(a)pyrene
Concen: 6.365 ng/ul
RT: 24.50 min Scan# 3645
Delta R.T. -0.02 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Instrument :
BNA_G
ClientSampled :
BFM86

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.7	7.1	10.7

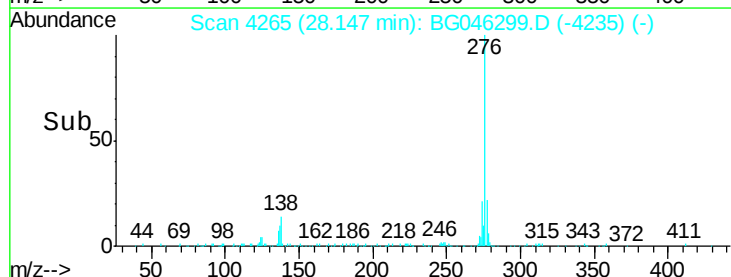
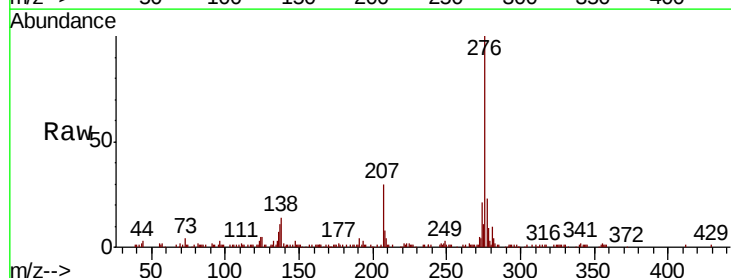
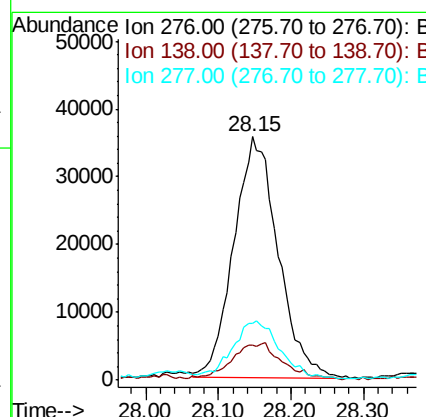
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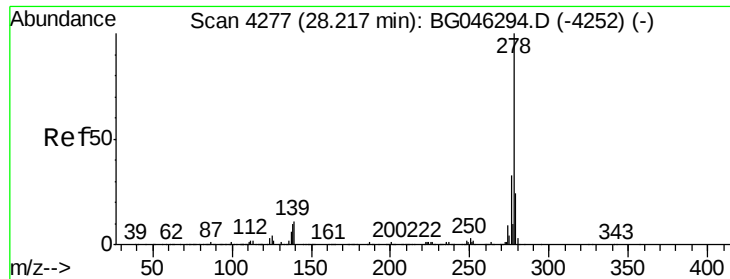
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.677 ng/ul
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.2	19.8
277	23.3	19.9	29.9





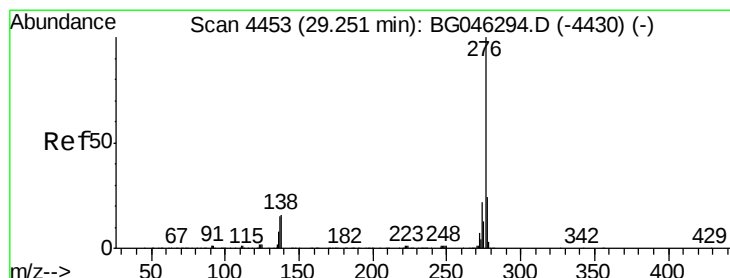
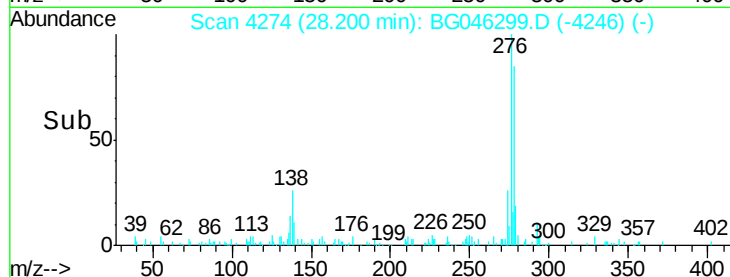
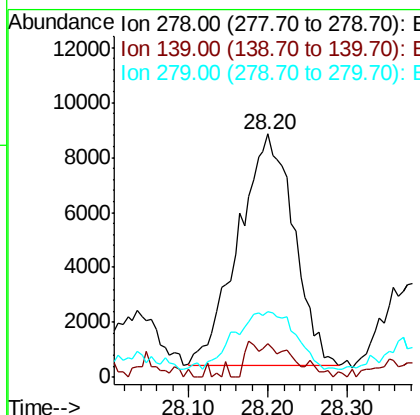
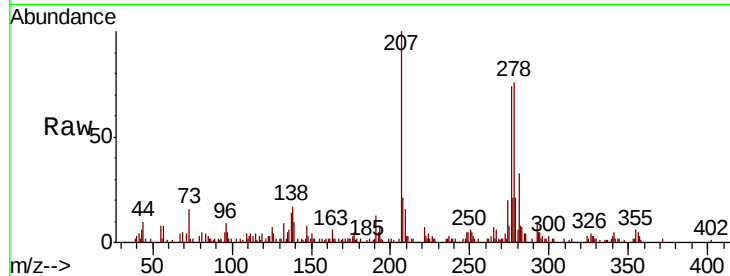
#29
Dibenzo(a,h)anthracene
Concen: 1.231 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.04 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Instrument :
BNA_G
ClientSampleId :
BFM86

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.8	14.8
279	27.0	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 3.096 ng/ul
RT: 29.23 min Scan# 4450
Delta R.T. -0.03 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.9	19.3
277	25.3	19.4	29.0

