

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046359.D
 Acq On : 19 Aug 2020 23:28
 Operator : CG/JU
 Sample : L3633-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA7

Manual Integrations
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Quant Time: Aug 20 03:35:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 01:26:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107647	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	447380	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	294015	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	631099	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	626955	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	669550	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	7617	0.99	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	33977	1.26	ng/ul	0.00
10) Fluorene-d10	15.56	176	26380	1.27	ng/ul	0.00
15) Anthracene-d10	17.41	188	40776m	1.39	ng/ul	0.00
19) Pyrene-d10	19.69	212	48740	1.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	52644	1.44	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	143757	4.141	ng/ul	99
17) Fluoranthene	19.36	202	213379	5.512	ng/ul	97
20) Pyrene	19.72	202	185752	4.514	ng/ul	97
21) Benzo(a)anthracene	21.54	228	98012	2.403	ng/ul	97
22) Chrysene	21.60	228	94717	2.402	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	117292	2.649	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	45473m	1.035	ng/ul	
27) Benzo(a)pyrene	24.51	252	75882	1.867	ng/ul	99

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

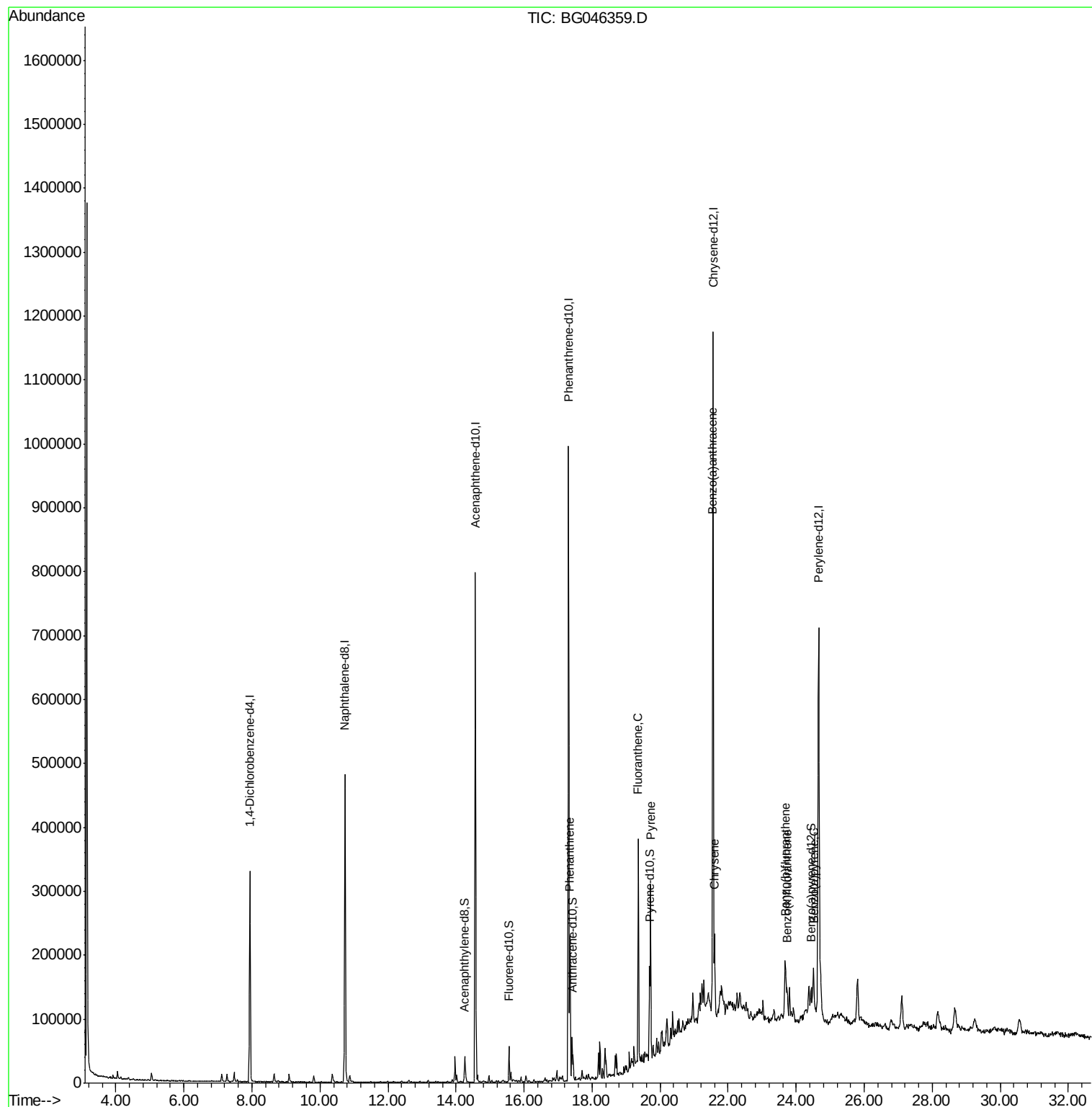
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046359.D
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Operator : CG/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

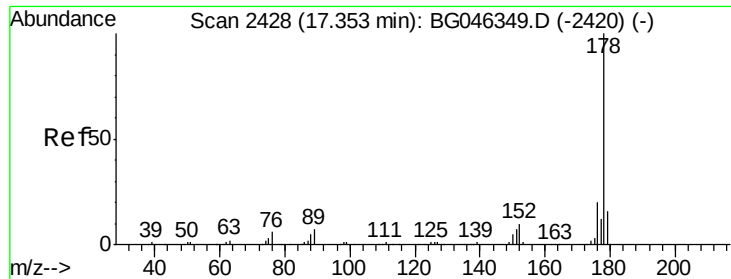
Instrument :
BNA_G
ClientSampleId :
BFMA7

Quant Time: Aug 20 03:35:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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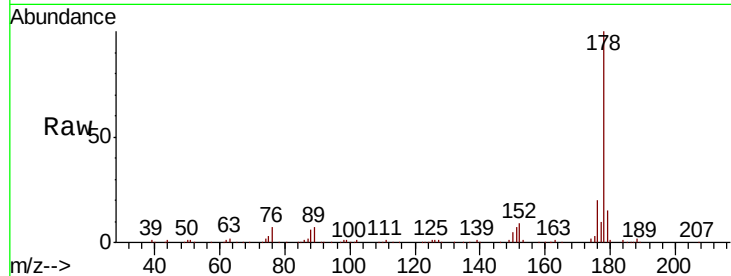
#14
Phenanthrene
Concen: 4.141 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BFMA7

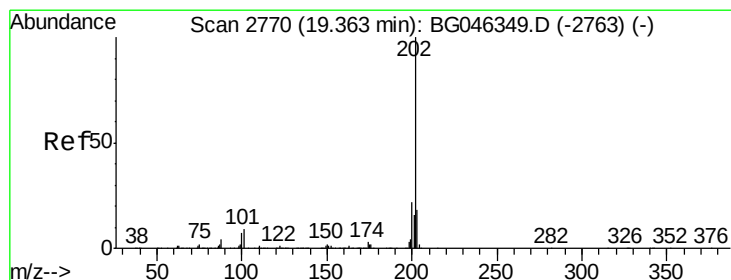
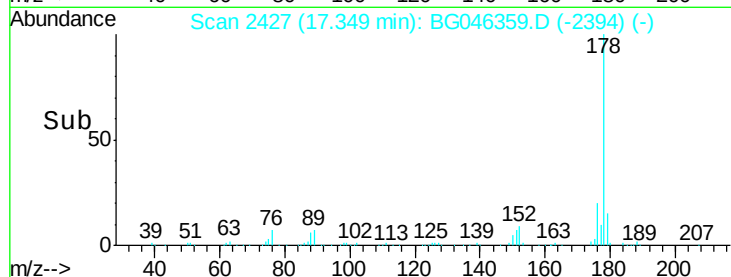
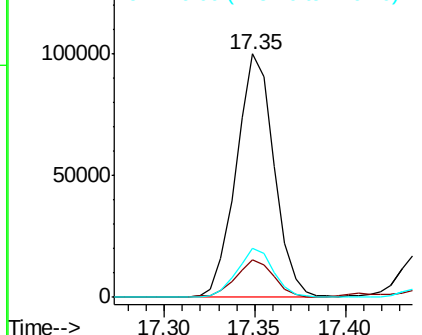
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	20.0	15.8	23.8

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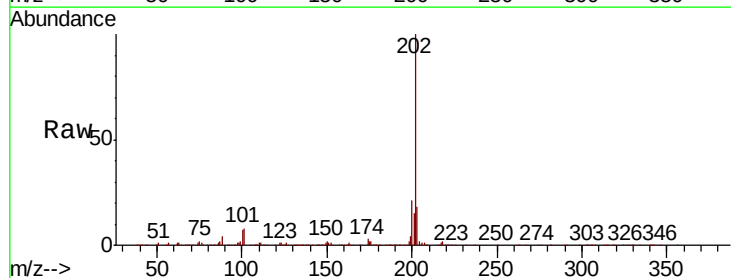


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

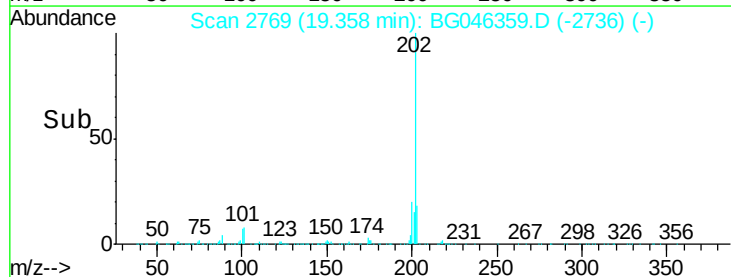
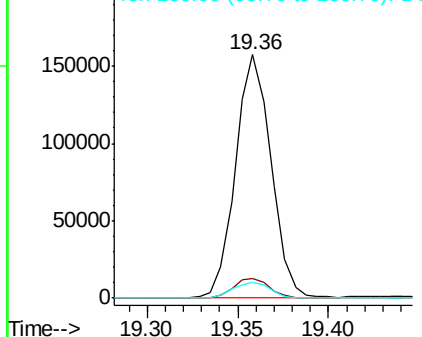


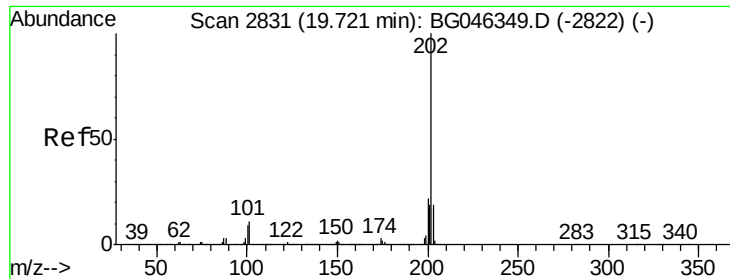
#17
Fluoranthene
Concen: 5.512 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.8	11.6
100	6.6	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





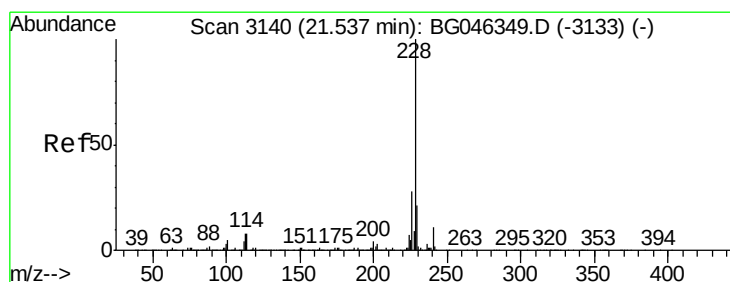
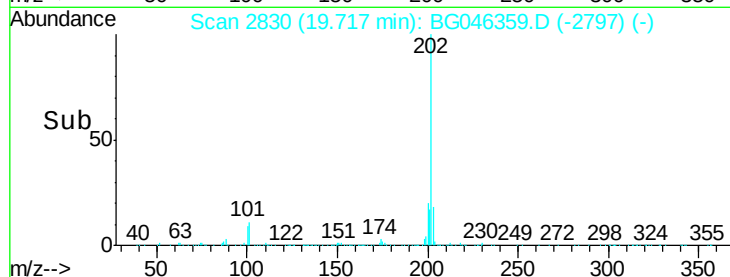
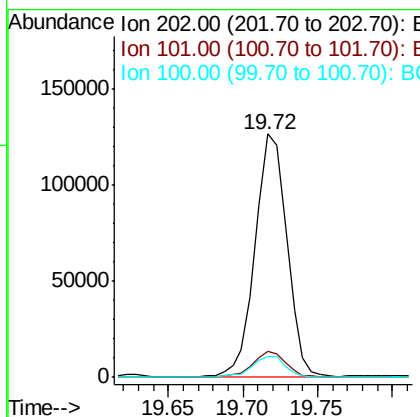
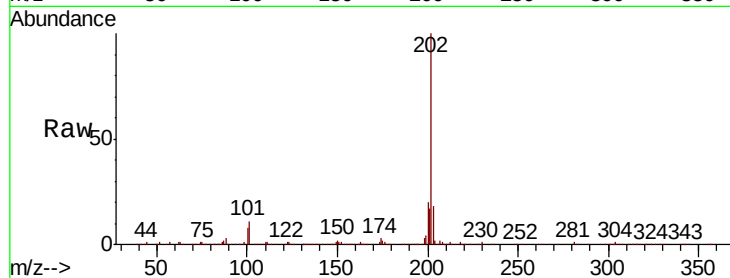
#20
Pvrene
Concen: 4.514 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_G
ClientSampleId :
BFMA7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	8.9	13.3
100	8.4	7.9	11.9

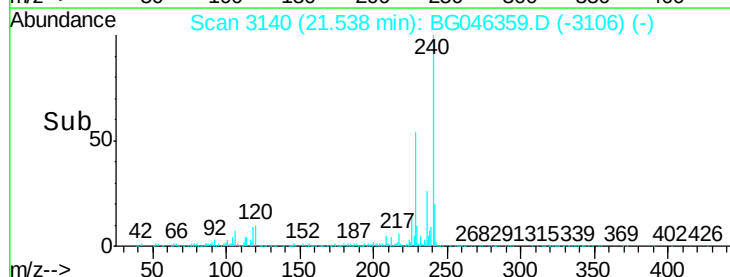
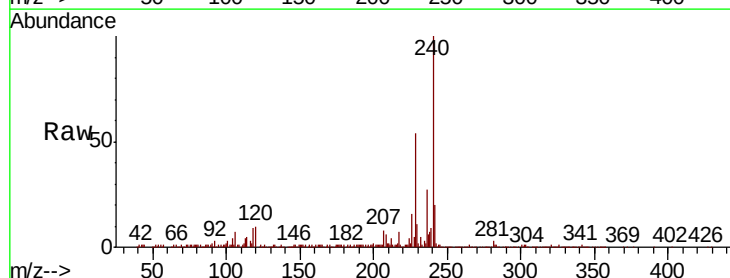
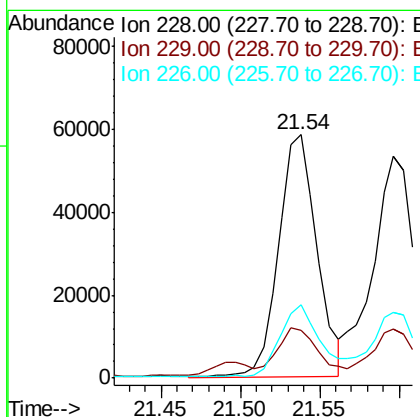
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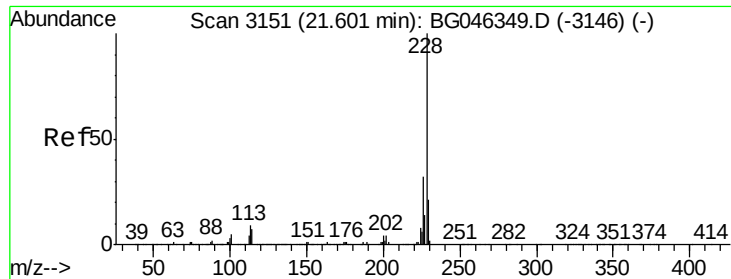
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#21
Benzo(a)anthracene
Concen: 2.403 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.7	16.6	25.0
226	30.4	22.6	33.8





#22

Chrysene

Concen: 2.402 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046359.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_G

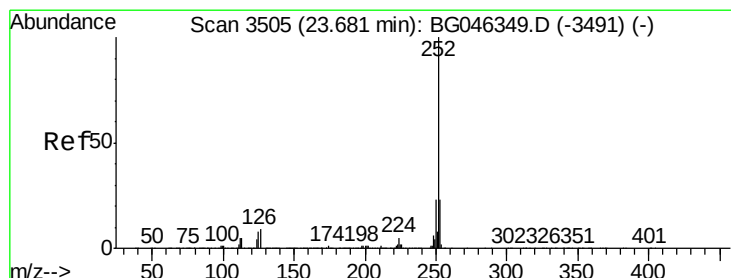
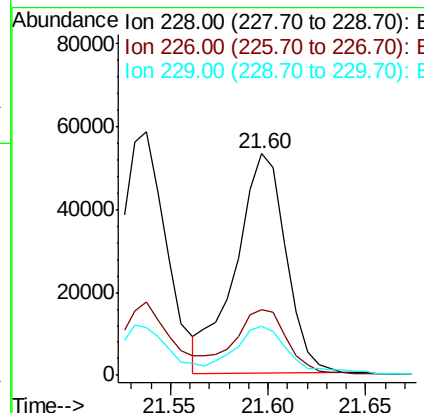
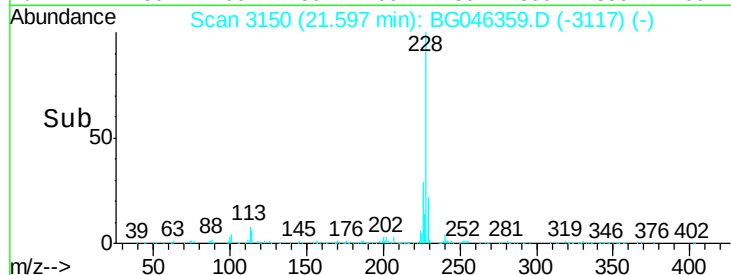
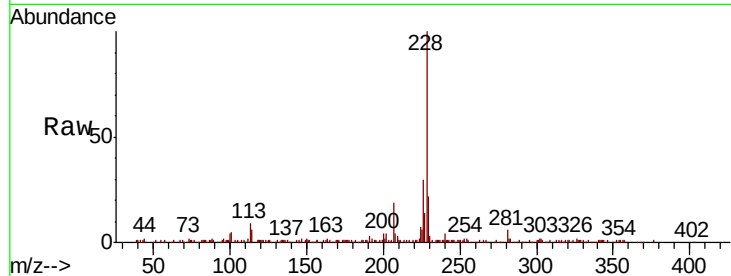
ClientSampleId :

BFMA7

Tot Ion:	228	Resp:	94717
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.5	38.3
229	22.2	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 2.649 ng/ul

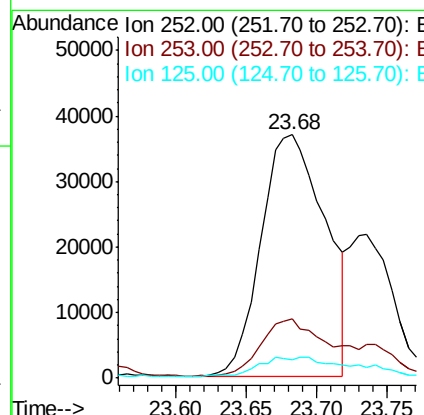
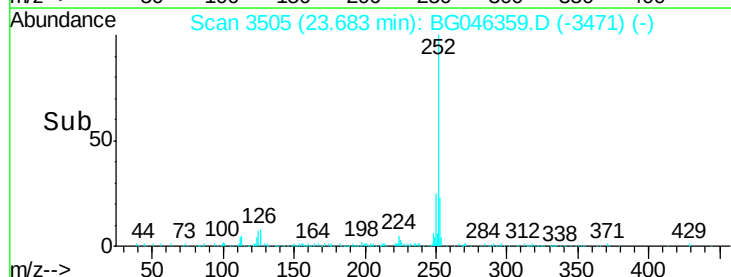
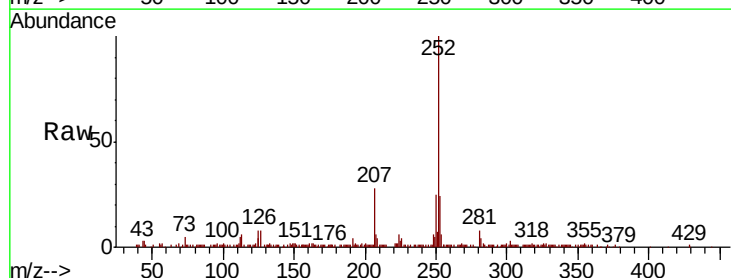
RT: 23.68 min Scan# 3505

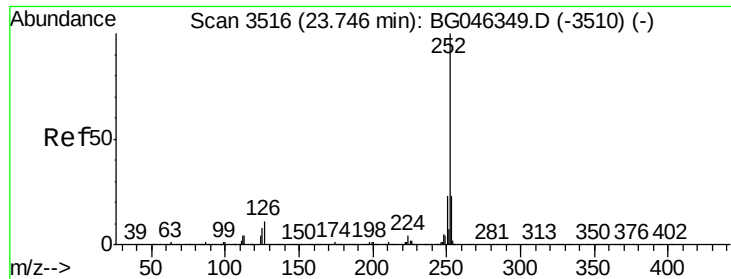
Delta R.T. 0.00 min

Lab File: BG046359.D

Acq: 19 Aug 2020 23:28

Tgt Ion:	252	Resp:	117292
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.6
125	7.6	6.4	9.6





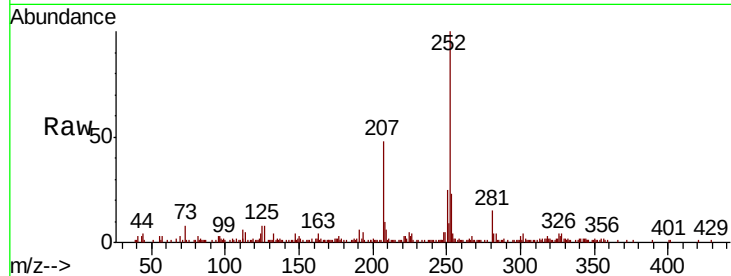
#25
Benzo(k)fluoranthene
Concen: 1.035 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_G
ClientSampled :
BFMA7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	7.7	6.2	9.2

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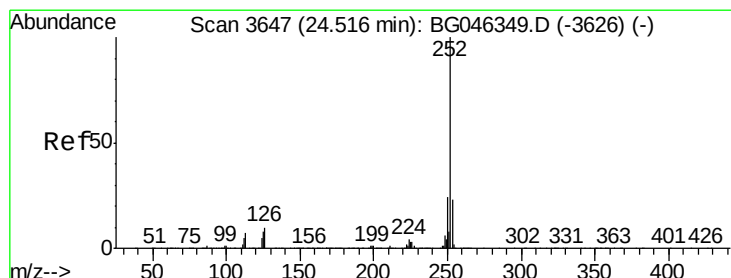
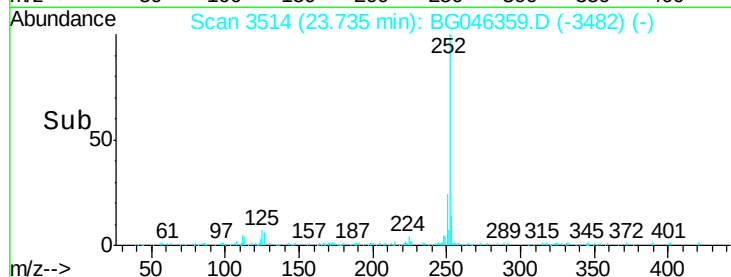
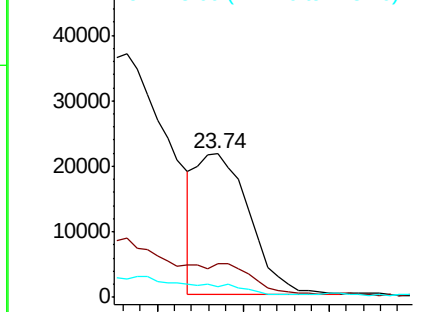


Abundance

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



#27
Benzo(a)pyrene
Concen: 1.867 ng/ul
RT: 24.51 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046359.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.0	7.1	10.7

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

