

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046426.D
 Acq On : 21 Aug 2020 23:26
 Operator : CG/JU
 Sample : L3649-02
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMW9

Manual Integrations
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Quant Time: Aug 22 01:54:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 00:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89176	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	370586	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	244228	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	543664	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	542856	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	548466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	179562	28.14	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	651066	28.97	ng/ul	0.00
10) Fluorene-d10	15.56	176	494348	28.70	ng/ul	0.00
15) Anthracene-d10	17.41	188	705471	27.99	ng/ul	0.00
19) Pyrene-d10	19.70	212	846232	30.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	933039	31.17	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	76205	2.548	ng/ul	99
17) Fluoranthene	19.36	202	175155	5.252	ng/ul	100
20) Pyrene	19.73	202	172971	4.854	ng/ul	98
21) Benzo(a)anthracene	21.54	228	91783m	2.599	ng/ul	
22) Chrysene	21.61	228	97990	2.870	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	145656	4.016	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	45076m	1.253	ng/ul	
27) Benzo(a)pyrene	24.53	252	105229	3.160	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	66197	1.588	ng/ul	98
30) Benzo(g,h,i)perylene	29.28	276	37272m	1.068	ng/ul	

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

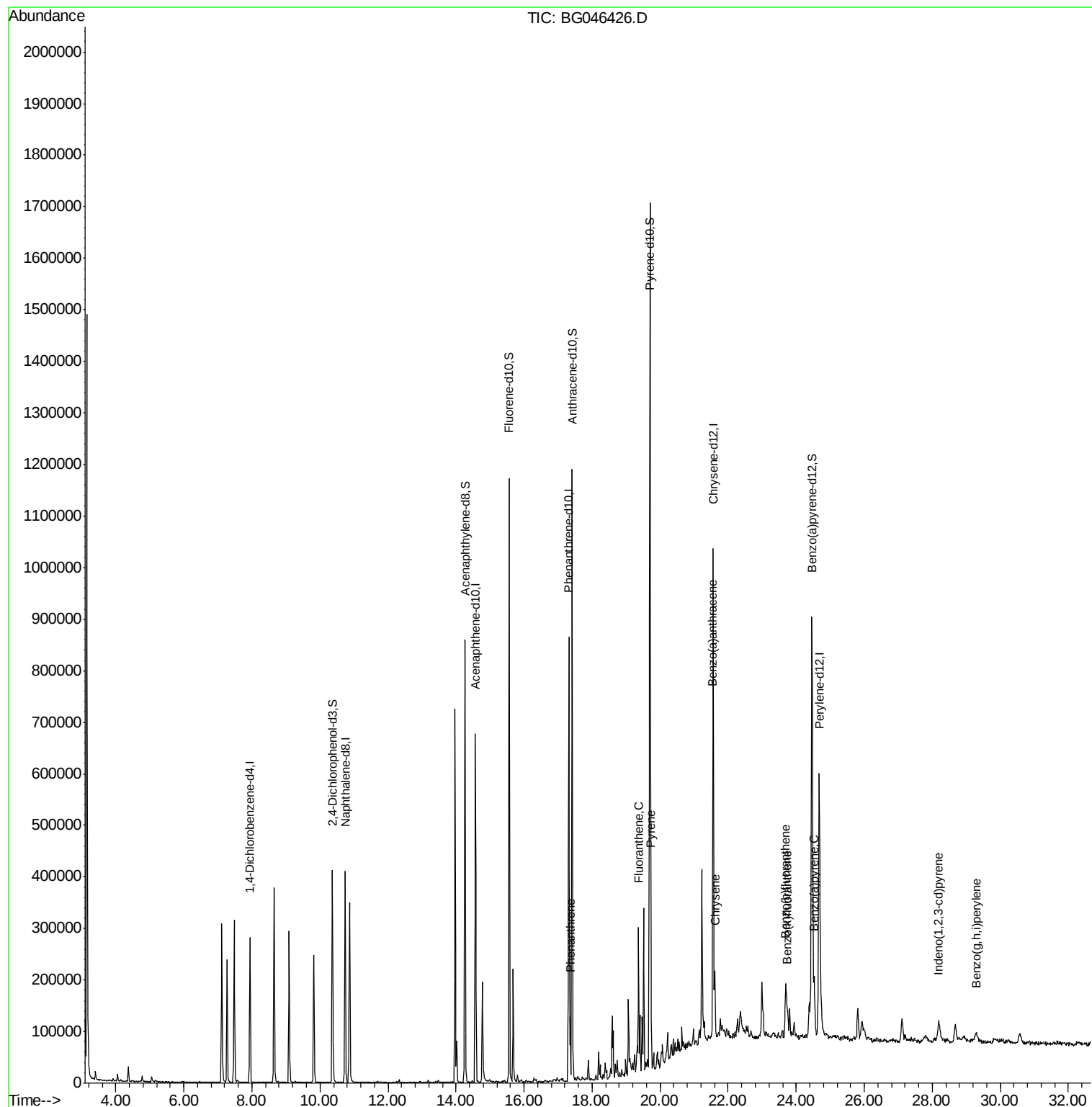
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046426.D
Acq On : 21 Aug 2020 23:26
Operator : CG/JU
Sample : L3649-02
Misc :
ALS Vial : 90 Sample Multiplier: 1

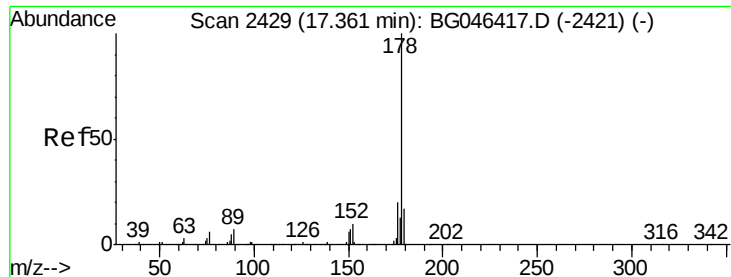
Instrument :
BNA_G
ClientSampleId :
BFMW9

Quant Time: Aug 22 01:54:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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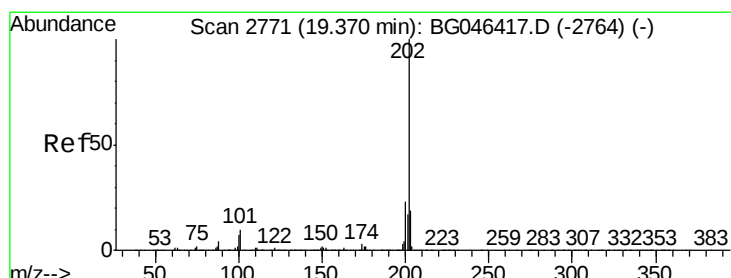
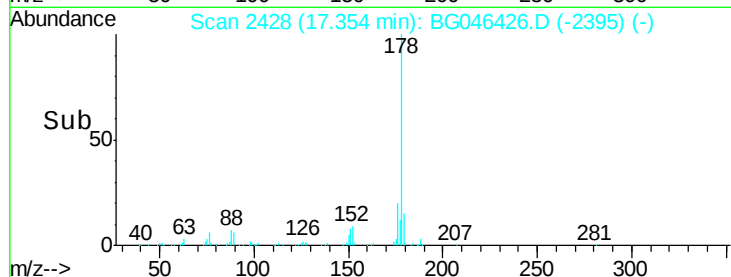
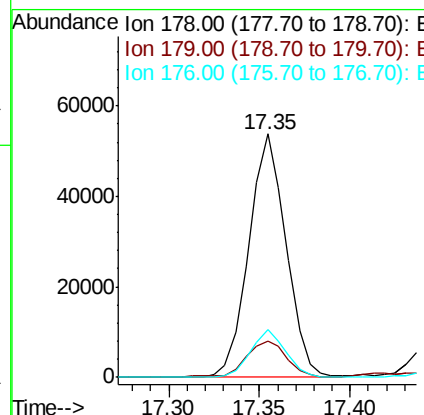
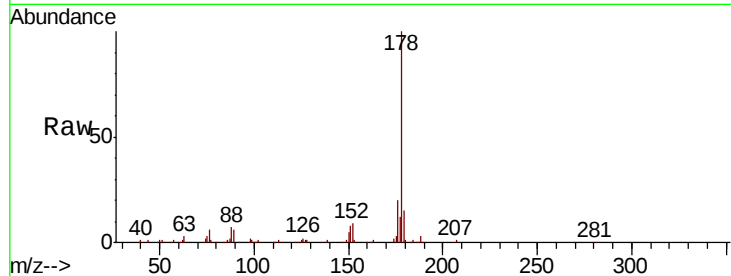
#14
Phenanthrene
Concen: 2.548 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Instrument :
BNA_G
ClientSampleId :
BFMW9

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.8	19.2
176	19.8	15.8	23.8

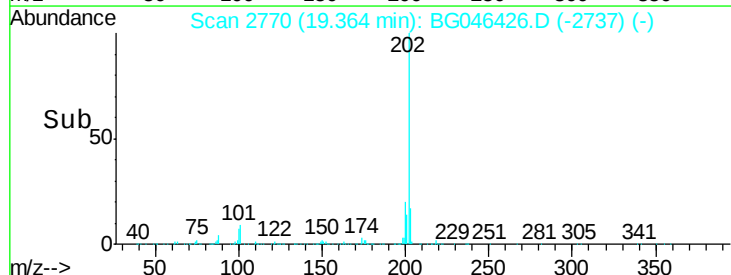
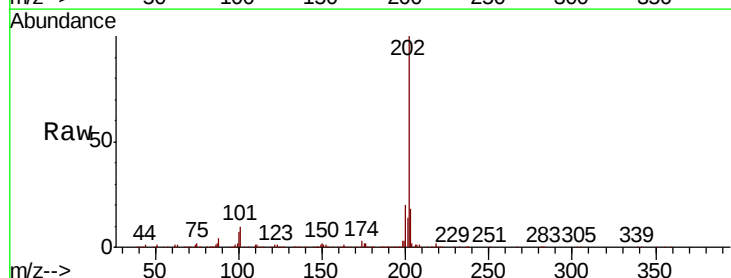
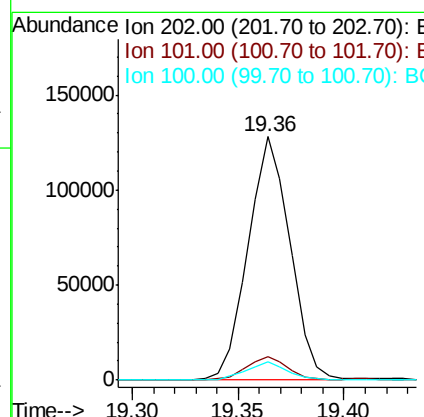
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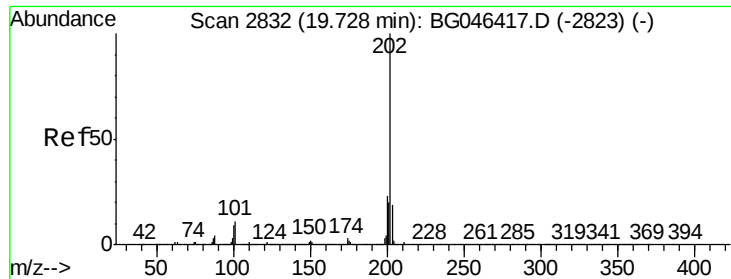
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#17
Fluoranthene
Concen: 5.252 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.3	5.9	8.9





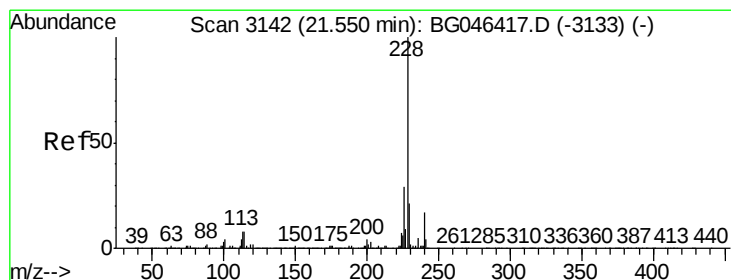
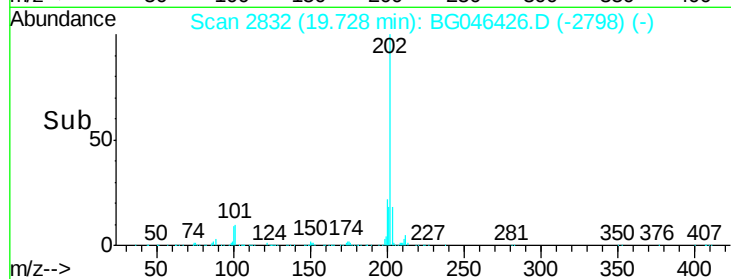
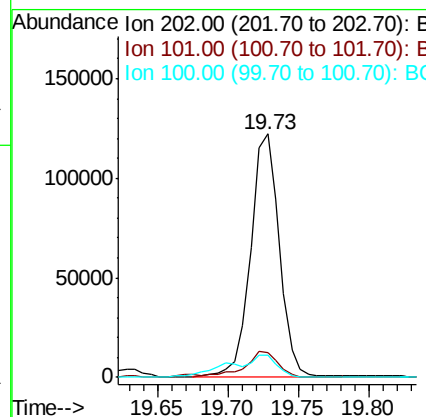
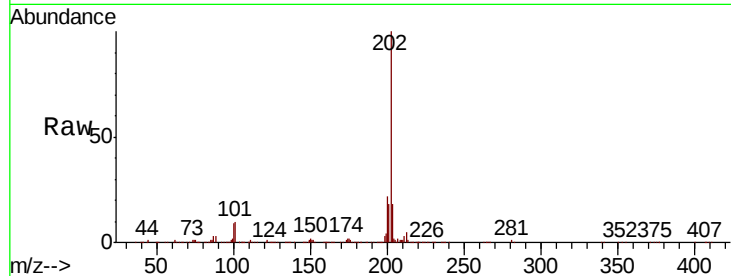
#20
Pvrene
Concen: 4.854 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Instrument :
BNA_G
ClientSampleId :
BFMW9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.2		8.9	13.3	
100	9.2		7.9	11.9	

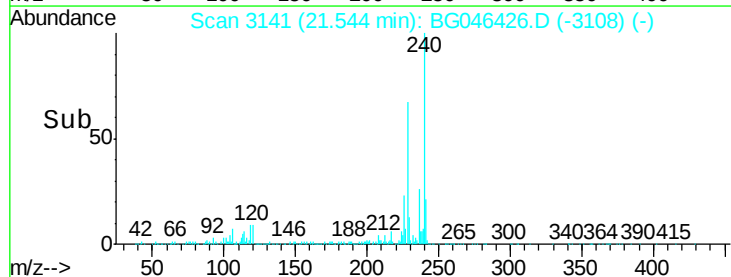
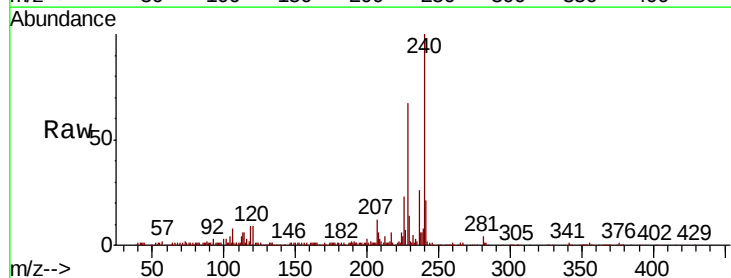
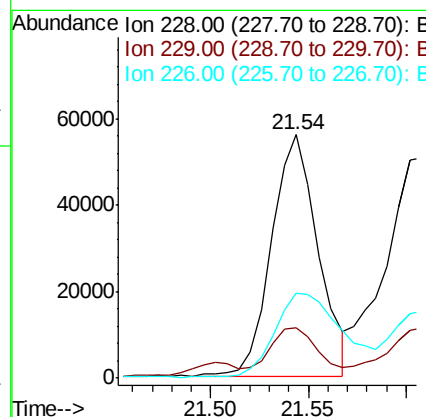
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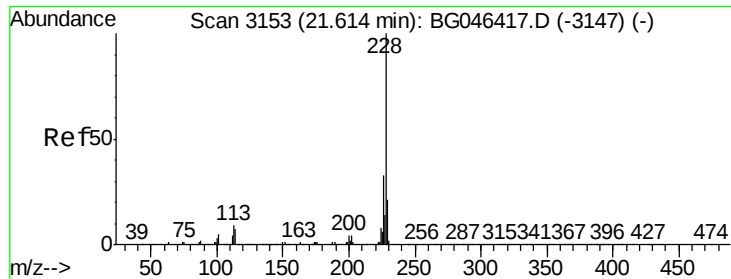
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#21
Benzo(a)anthracene
Concen: 2.599 ng/ul m
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	20.5		16.6	25.0	
226	34.7		22.6	33.8	





#22

Chrysene

Concen: 2.870 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

Instrument :

BNA_G

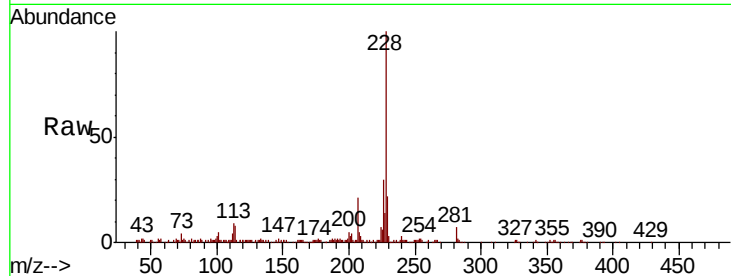
ClientSampled :

BFMW9

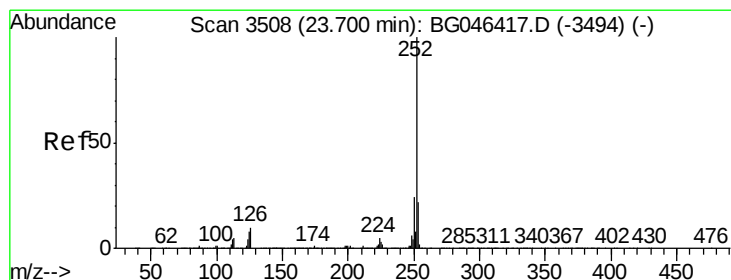
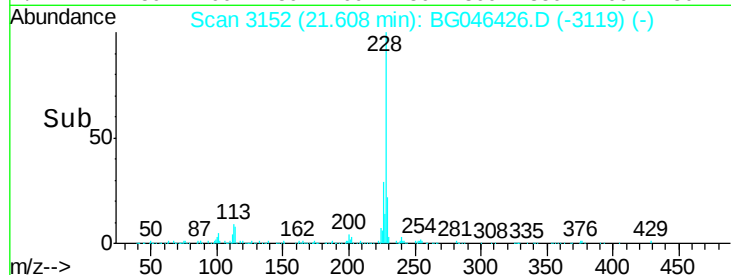
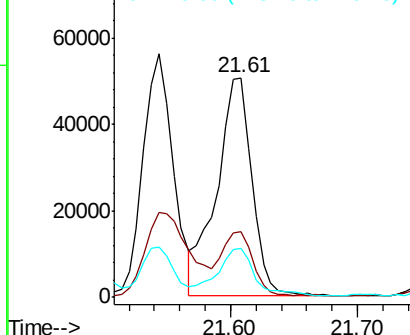
Tot Ion:	228	Resp:	97990
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.5	38.3
229	22.4	17.0	25.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 4.016 ng/ul

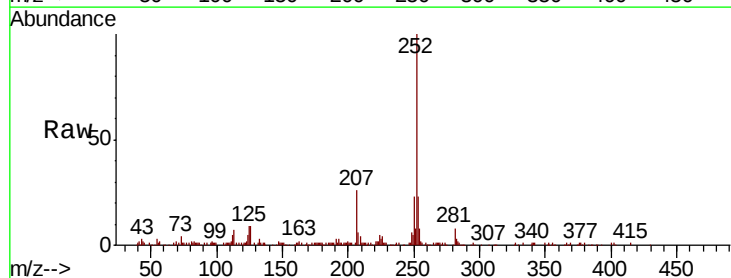
RT: 23.69 min Scan# 3507

Delta R.T. -0.01 min

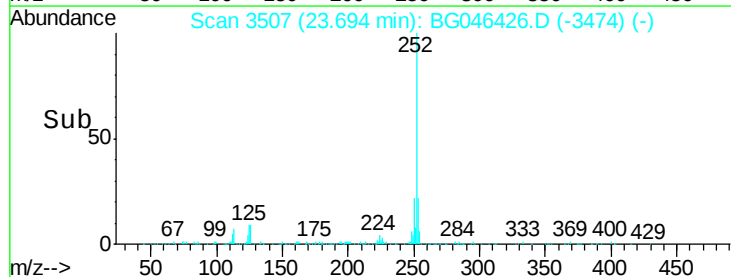
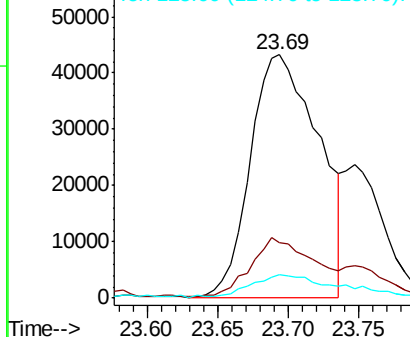
Lab File: BG046426.D

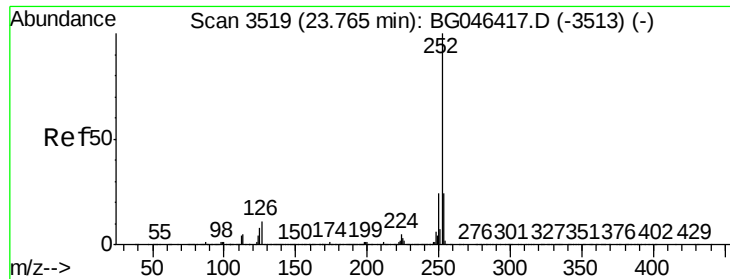
Acq: 21 Aug 2020 23:26

Tgt Ion:	252	Resp:	145656
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	9.4	6.4	9.6



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





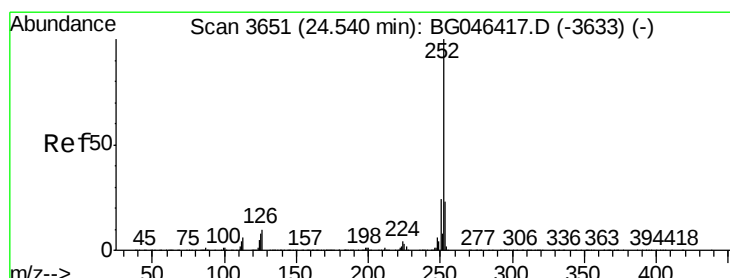
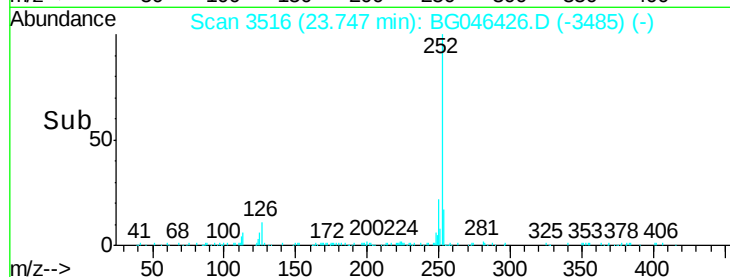
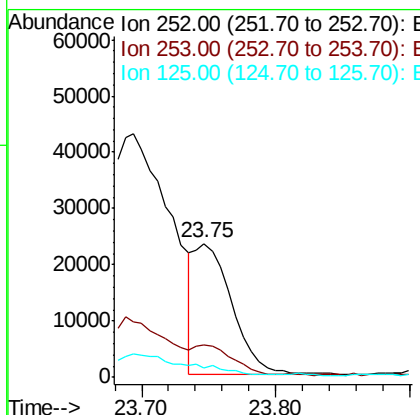
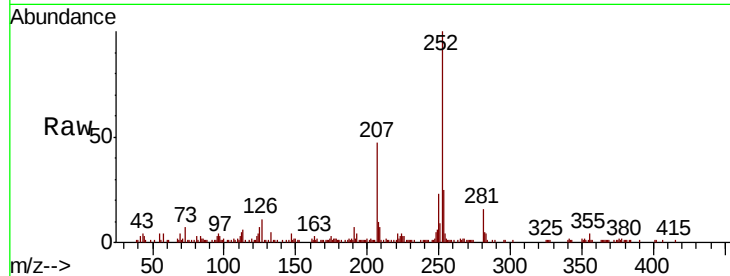
#25
Benzo(k)fluoranthene
Concen: 1.253 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Instrument :
BNA_G
ClientSampled :
BFMW9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	7.4	6.2	9.2

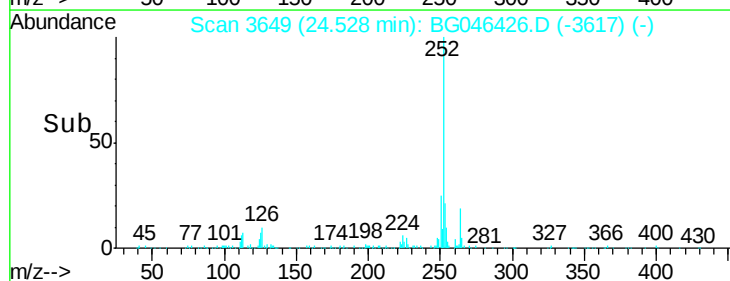
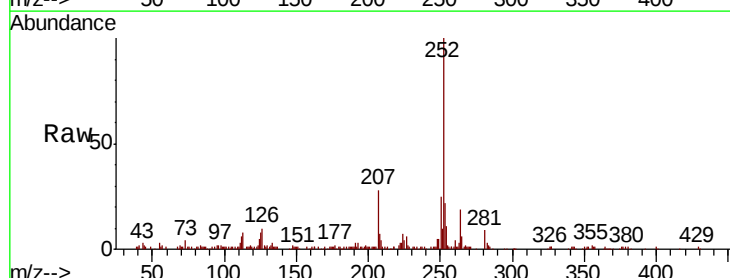
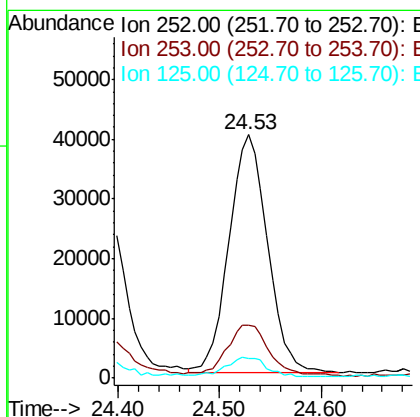
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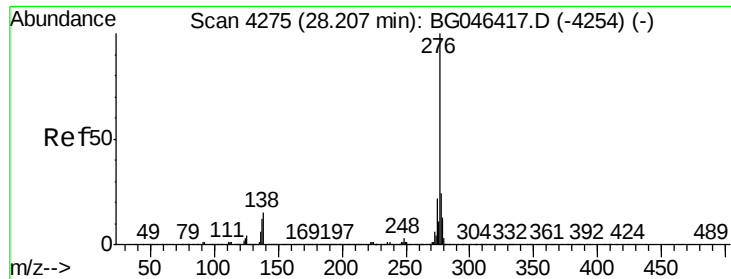
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#27
Benzo(a)pyrene
Concen: 3.160 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.1	7.1	10.7





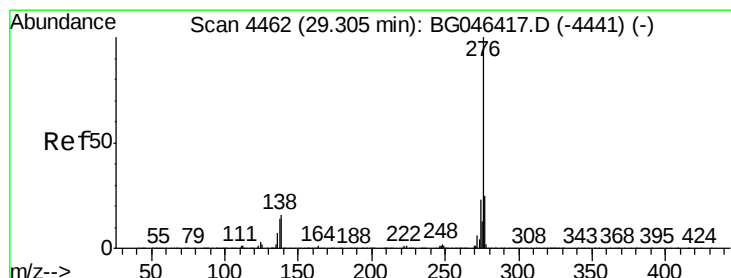
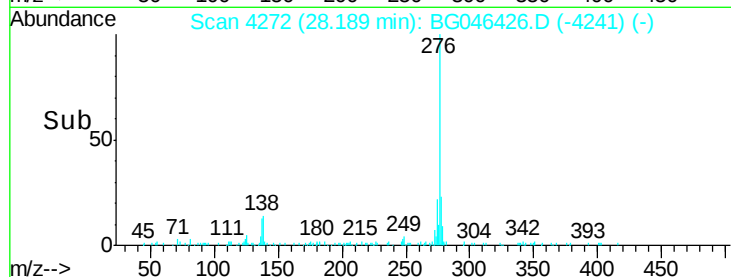
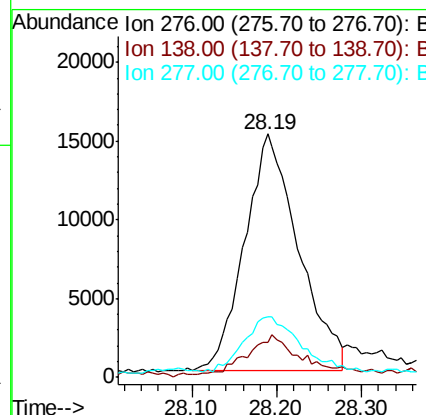
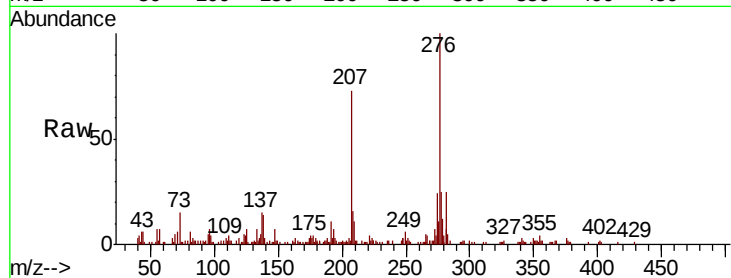
#28
Indeno(1,2,3-cd)pyrene
Concen: 1.588 ng/ul
RT: 28.19 min Scan# 4272
Delta R.T. -0.02 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Instrument :
BNA_G
ClientSampleId :
BFMW9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.2	19.8
277	24.8	19.9	29.9

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#30
Benzo(g,h,i)perylene
Concen: 1.068 ng/ul m
RT: 29.28 min Scan# 4458
Delta R.T. -0.02 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	12.9	19.3
277	26.6	19.4	29.0

