

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046366.D
 Acq On : 20 Aug 2020 5:29
 Operator : CG/JU
 Sample : L3633-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA3

Manual Integrations
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Quant Time: Aug 20 06:54:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107928	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	439950	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	290074	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	667337	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	668397	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	713005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	199019	26.27	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	729745	27.34	ng/ul	0.00
10) Fluorene-d10	15.56	176	557730	27.26	ng/ul	0.00
15) Anthracene-d10	17.41	188	826767	26.73	ng/ul	0.00
19) Pyrene-d10	19.69	212	956109	27.79	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1072612	27.57	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Phenanthrene	17.35	178	317978	8.661	ng/ul	99
16) Anthracene	17.44	178	49853	1.346	ng/ul	97
17) Fluoranthene	19.36	202	650078	15.880	ng/ul	99
20) Pyrene	19.72	202	600924	13.697	ng/ul	97
21) Benzo(a)anthracene	21.54	228	357048	8.210	ng/ul	96
22) Chrysene	21.60	228	384131	9.137	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	578386	12.267	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	194890m	4.167	ng/ul	
27) Benzo(a)pyrene	24.52	252	402344	9.295	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	283626	5.233	ng/ul	100
29) Dibenzo(a,h)anthracene	28.21	278	80872m	1.840	ng/ul	
30) Benzo(a,h,i)perylene	29.27	276	225931	4.981	ng/ul	99

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

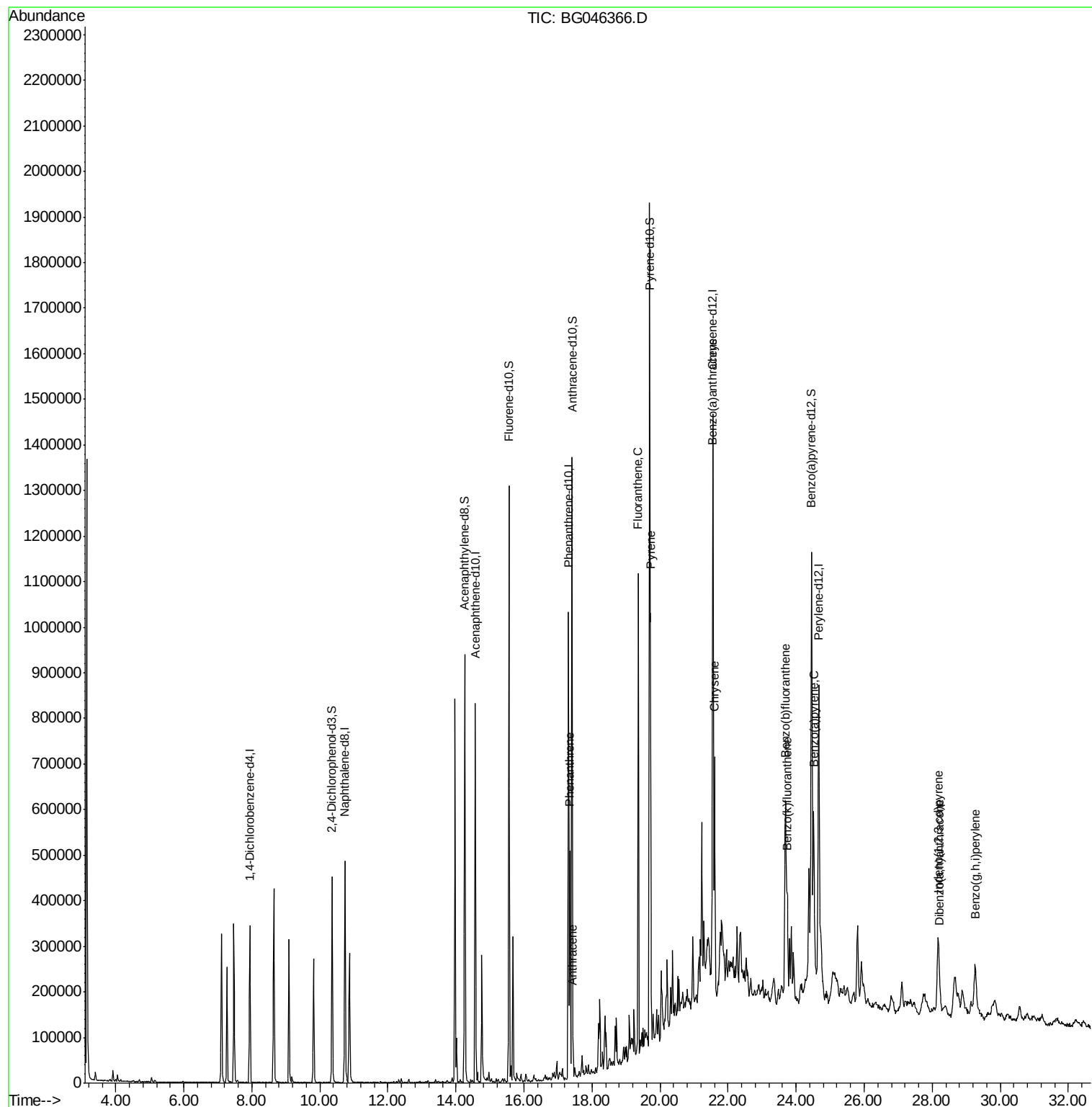
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046366.D
Acq On : 20 Aug 2020 5:29
Operator : CG/JU
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ALS Vial : 30 Sample Multiplier: 1

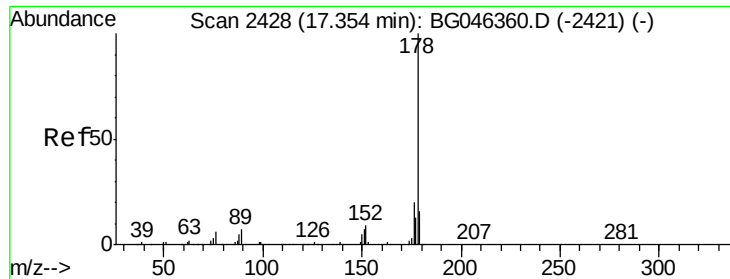
Instrument :
BNA_G
ClientSampled :
BFMA3

Quant Time: Aug 20 06:54:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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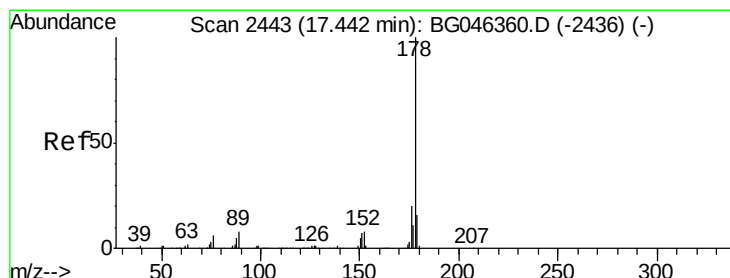
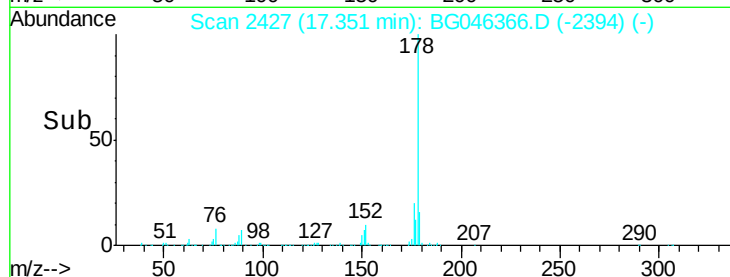
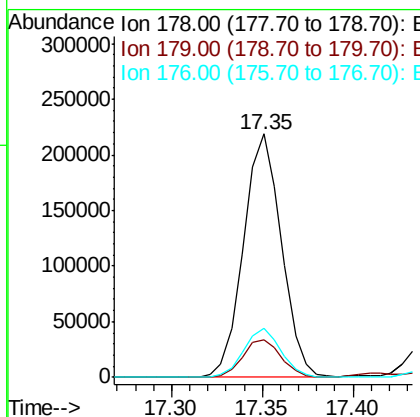
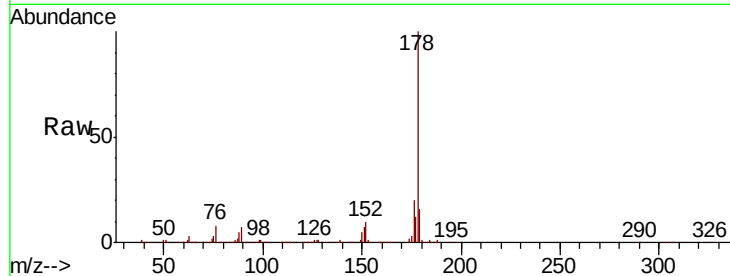
#14
Phenanthrene
Concen: 8.661 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Instrument :
BNA_G
ClientSampled :
BFMA3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	20.0	15.8	23.8

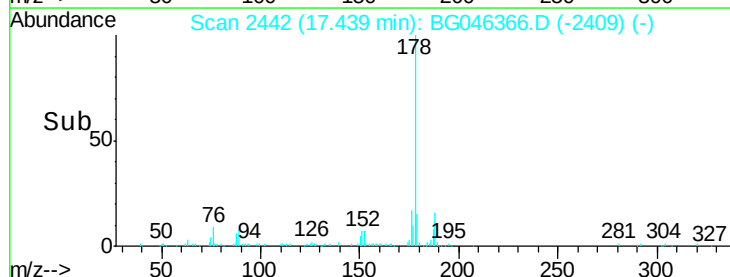
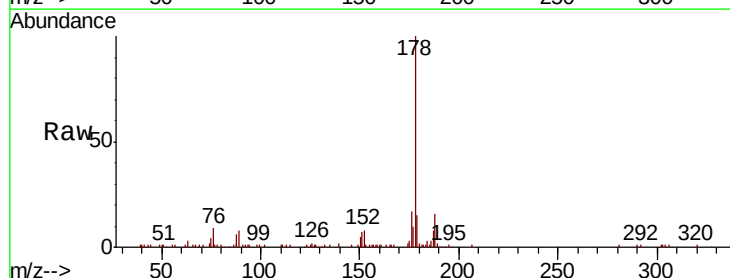
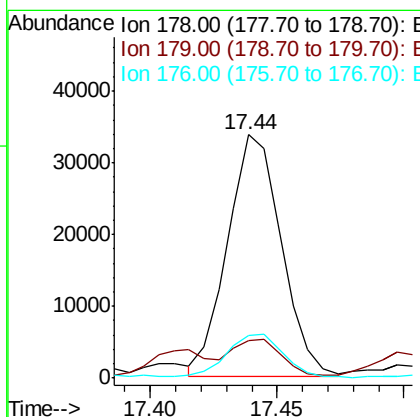
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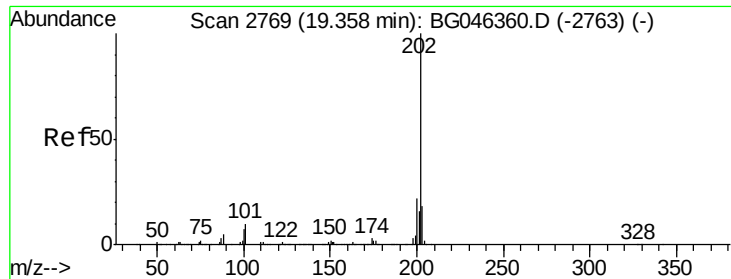
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#16
Anthracene
Concen: 1.346 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.2	19.8
176	17.4	15.2	22.8





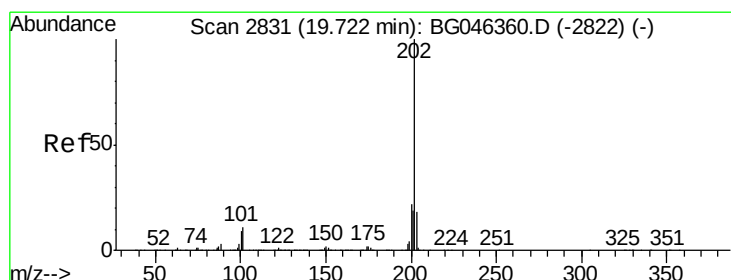
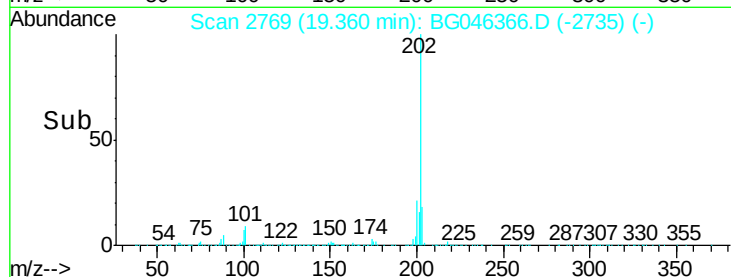
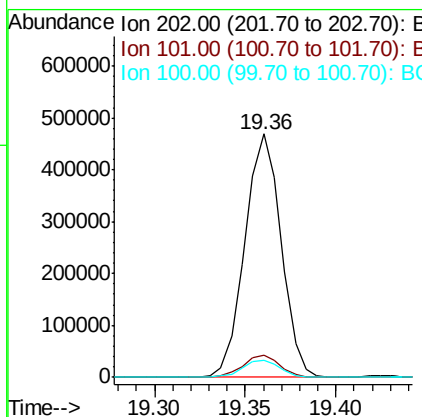
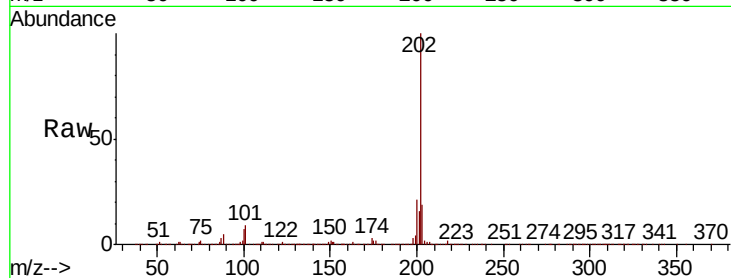
#17
Fluoranthene
 Concen: 15.880 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: BG046366.D
 Acq: 20 Aug 2020 5:29

Instrument :
 BNA_G
 ClientSampleId :
 BFMA3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		650078		
101	9.2	7.8	11.6		
100	7.1	5.9	8.9		

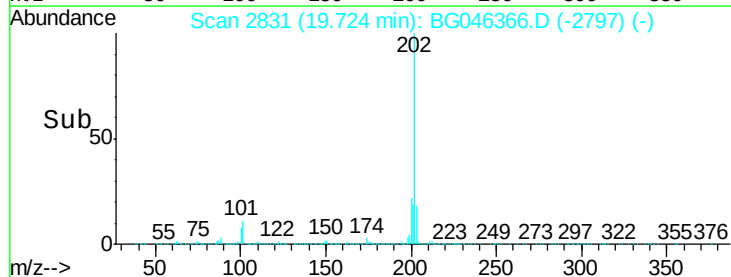
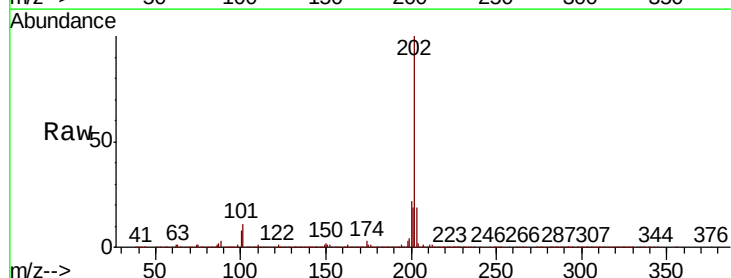
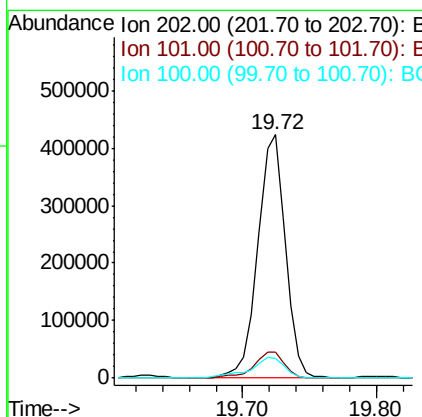
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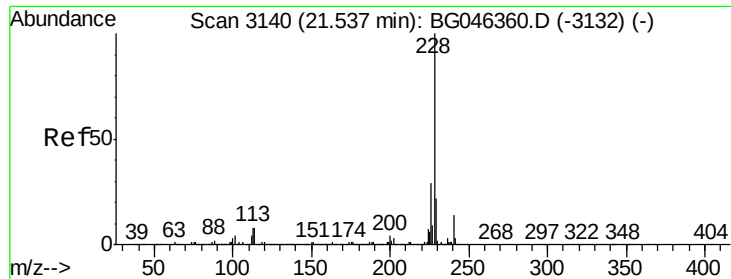
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#20
Pyrene
 Concen: 13.697 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BG046366.D
 Acq: 20 Aug 2020 5:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		600924		
101	10.5	8.9	13.3		
100	8.2	7.9	11.9		





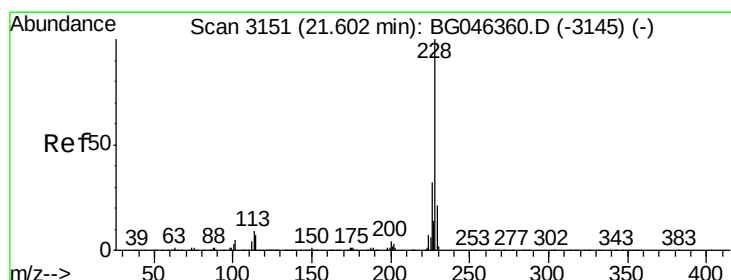
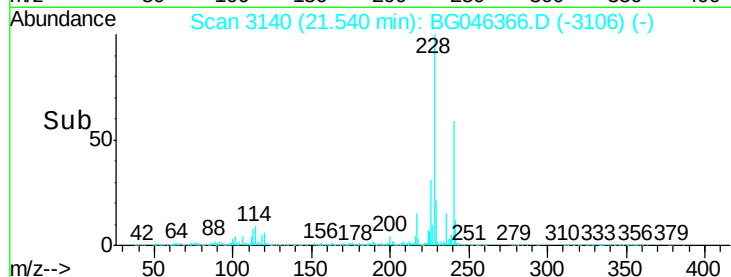
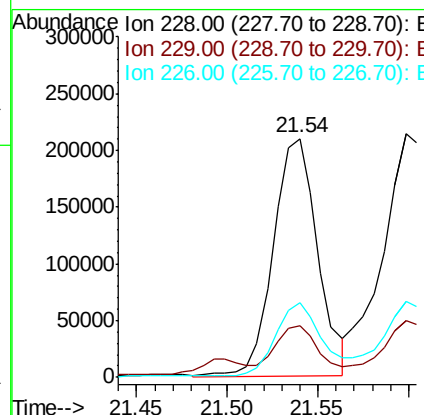
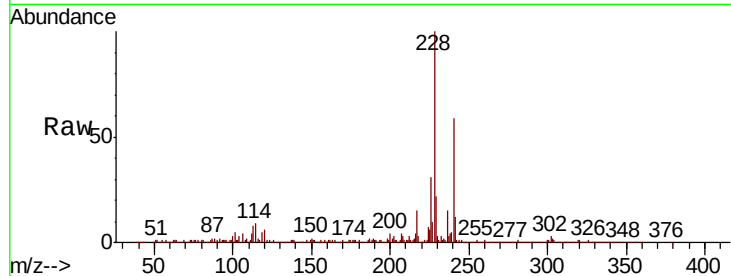
#21
Benzo(a)anthracene
Concen: 8.210 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Instrument :
BNA_G
ClientSampleId :
BFMA3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	357048		
229	21.9	16.6	25.0	
226	31.3	22.6	33.8	

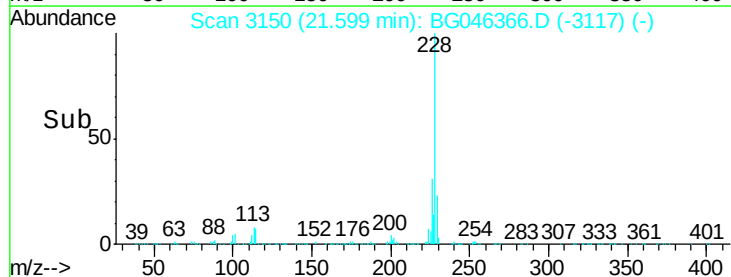
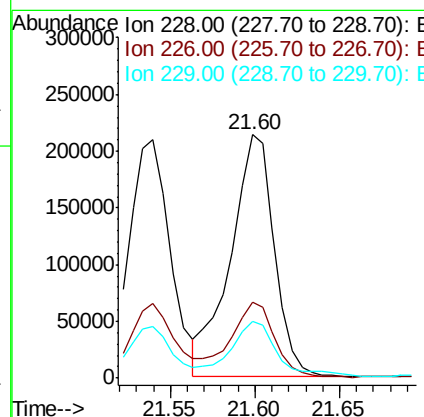
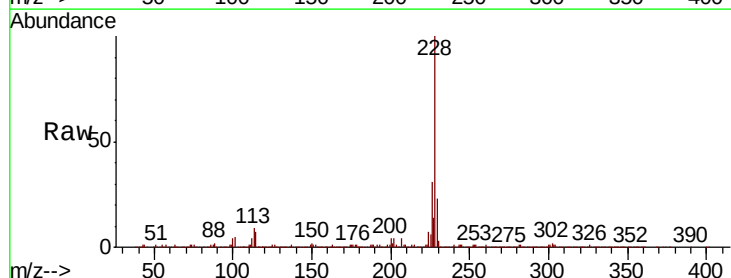
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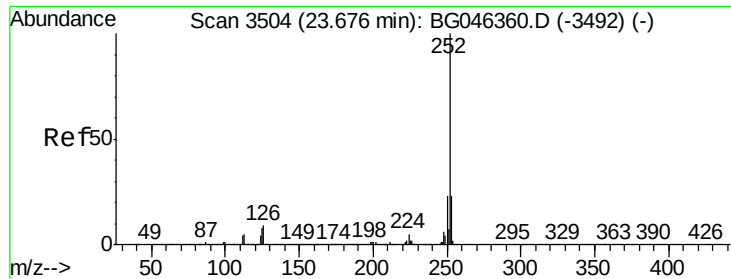
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#22
Chrysene
Concen: 9.137 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	384131		
226	31.2	25.5	38.3	
229	23.5	17.0	25.4	





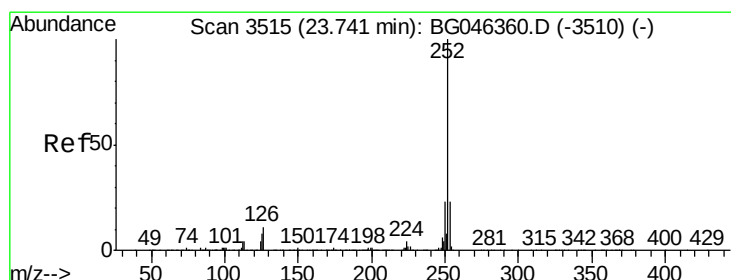
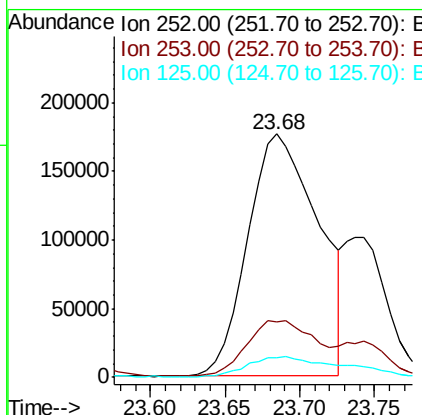
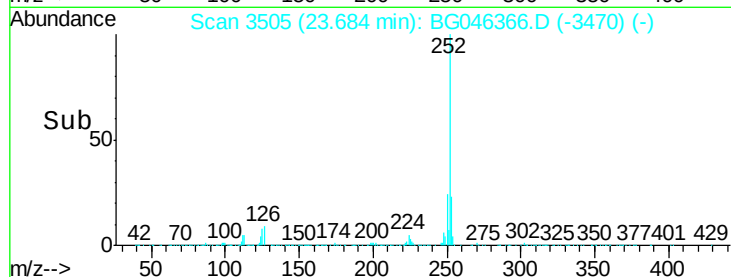
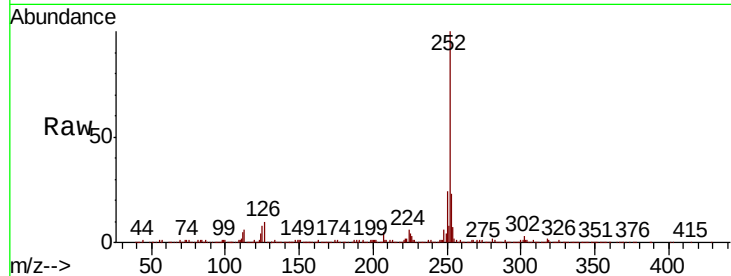
#24
Benzo(b)fluoranthene
Concen: 12.267 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Instrument :
BNA_G
ClientSampleId :
BFMA3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.2	6.4	9.6

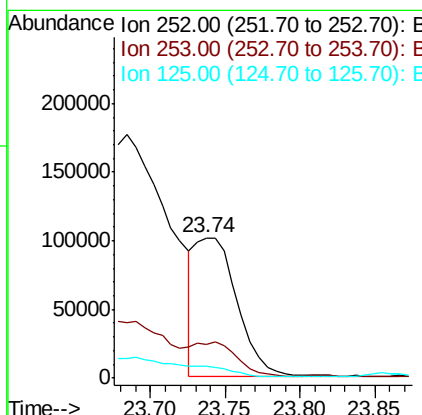
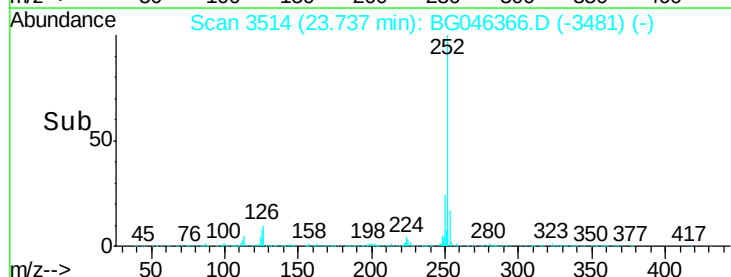
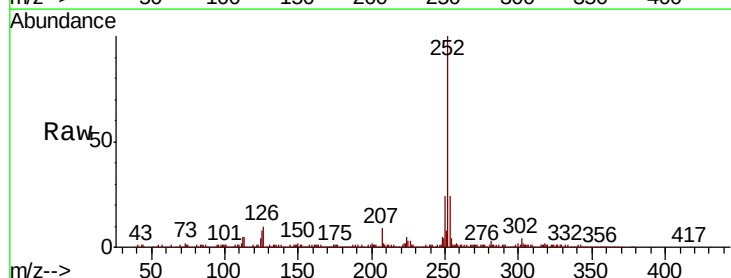
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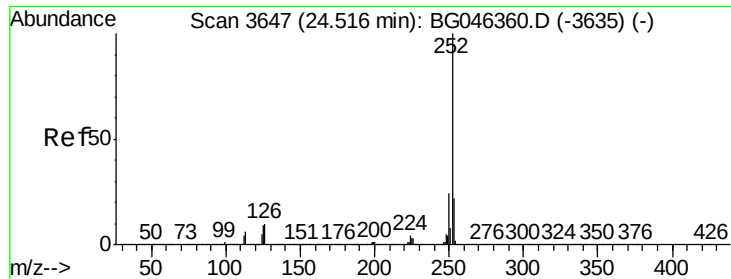
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#25
Benzo(k)fluoranthene
Concen: 4.167 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.1	6.2	9.2





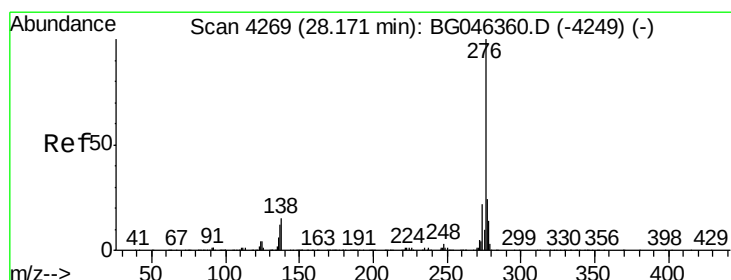
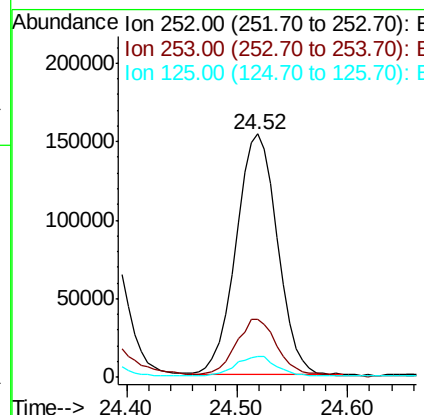
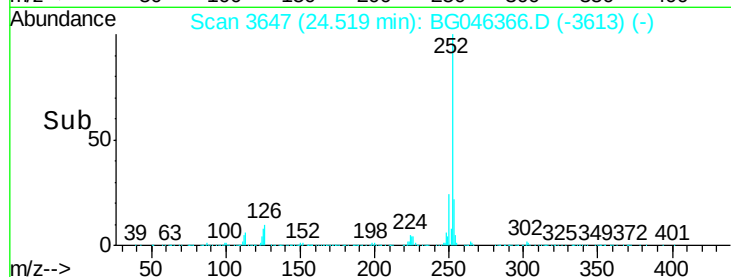
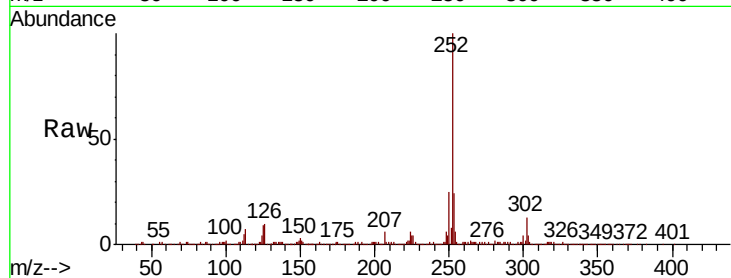
#27
Benzo(a)pyrene
Concen: 9.295 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Instrument :
BNA_G
ClientSampleId :
BFMA3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.6	7.1	10.7

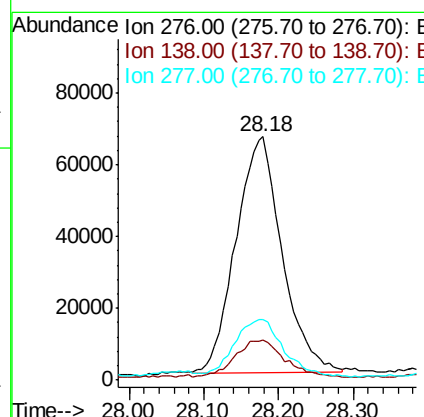
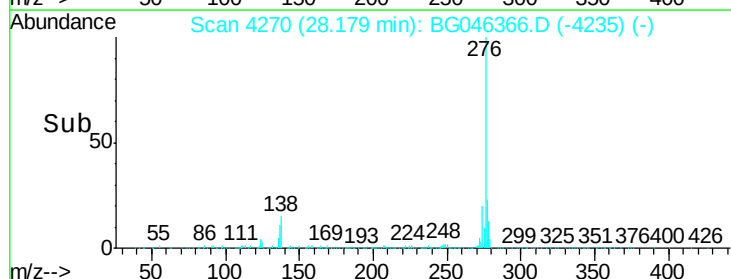
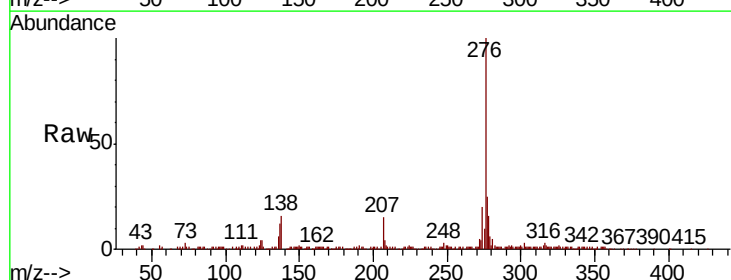
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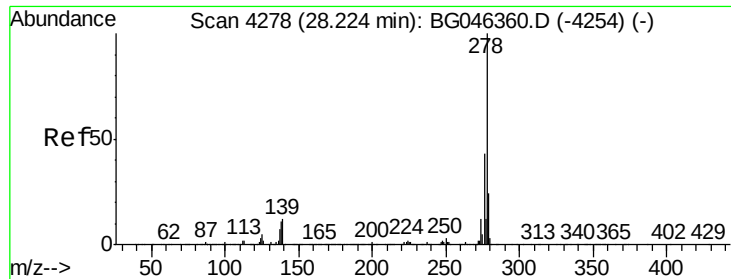
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#28
Indeno(1,2,3-cd)pyrene
Concen: 5.233 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. 0.01 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.2	19.8
277	25.1	19.9	29.9





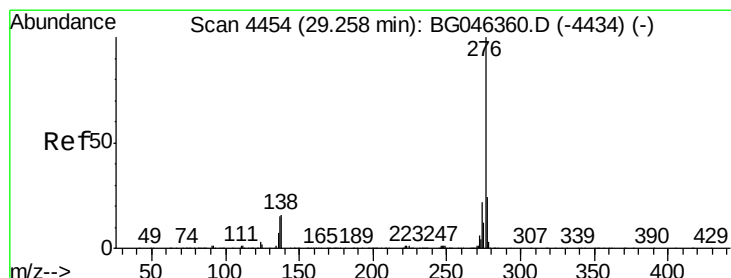
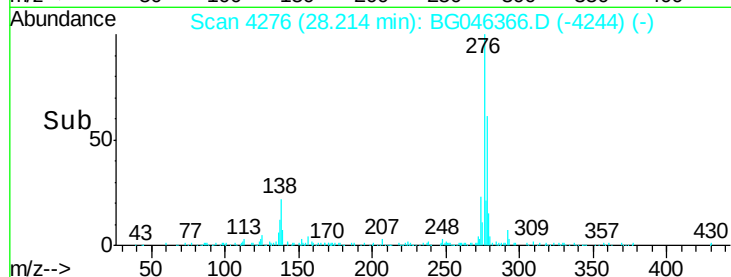
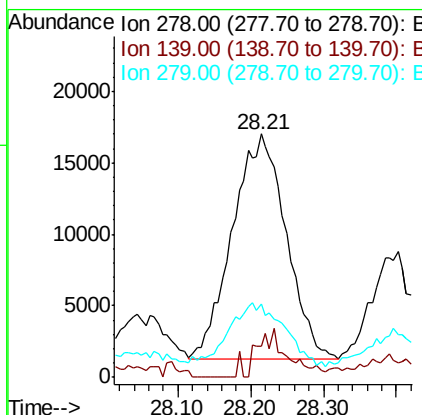
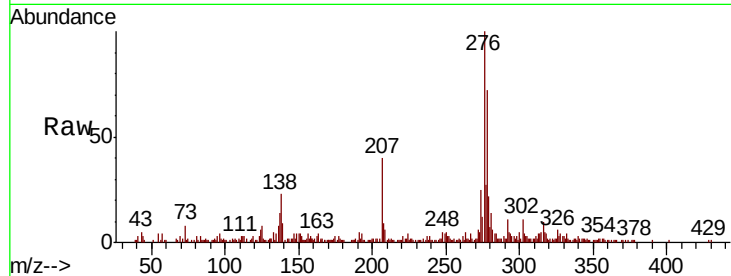
#29
Dibenzo(a,h)anthracene
Concen: 1.840 ng/ul m
RT: 28.21 min Scan# 4276
Delta R.T. -0.01 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Instrument :
BNA_G
ClientSampled :
BFMA3

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.8
279	30.2	19.7	29.5#

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#30
Benzo(g,h,i)perylene
Concen: 4.981 ng/ul
RT: 29.27 min Scan# 4455
Delta R.T. 0.01 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.9	19.3
277	23.4	19.4	29.0

