

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046387.D
 Acq On : 20 Aug 2020 20:36
 Operator : CG/JU
 Sample : L3634-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF9

Manual Integrations
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Quant Time: Aug 21 01:11:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 00:37:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	82981	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	326131	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	209475	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	479445	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	497229	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	532402	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	163662	29.14	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	582664	30.22	ng/ul	0.00
10) Fluorene-d10	15.56	176	447313	30.28	ng/ul	0.00
15) Anthracene-d10	17.41	188	656161	29.52	ng/ul	0.00
19) Pyrene-d10	19.70	212	778494	30.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	894741	30.80	ng/ul	0.01
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	49591	2.530	ng/ul	97
11) Fluorene	15.62	166	17926	1.095	ng/ul#	98
14) Phenanthrene	17.35	178	605788	22.967	ng/ul	99
16) Anthracene	17.44	178	78214	2.939	ng/ul	99
17) Fluoranthene	19.36	202	1199716	40.792	ng/ul	99
20) Pyrene	19.73	202	1242257	38.061	ng/ul	99
21) Benzo(a)anthracene	21.54	228	642559	19.862	ng/ul	96
22) Chrysene	21.61	228	698639	22.339	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	841602	23.904	ng/ul	96
25) Benzo(k)fluoranthene	23.75	252	315621m	9.037	ng/ul	
27) Benzo(a)pyrene	24.53	252	608950	18.840	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	408975	10.105	ng/ul	100
29) Dibenzo(a,h)anthracene	28.24	278	101552m	3.095	ng/ul	
30) Benzo(g,h,i)perylene	29.28	276	208066	6.143	ng/ul	97

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

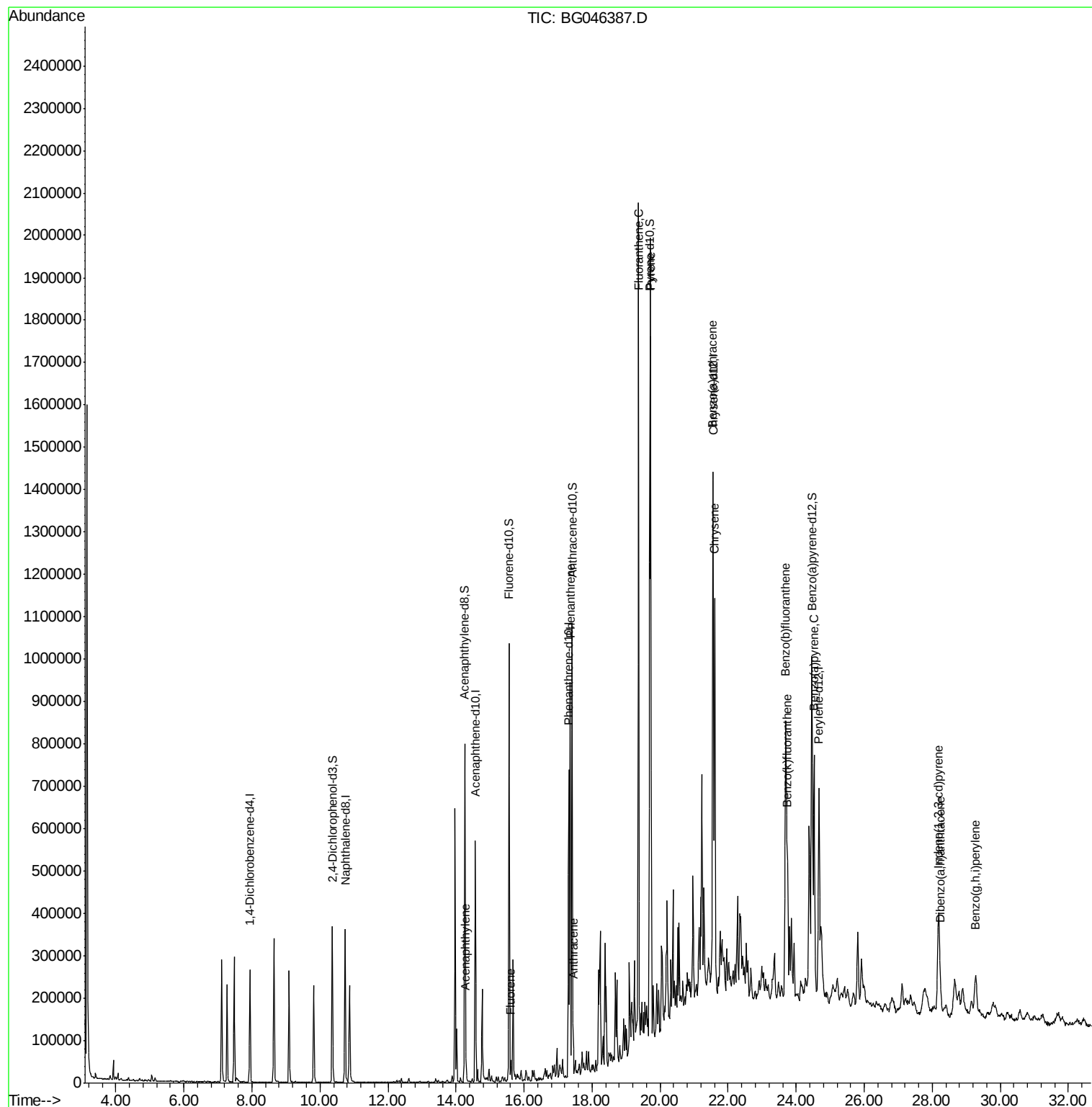
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Misc :
ALS Vial : 51 Sample Multiplier: 1

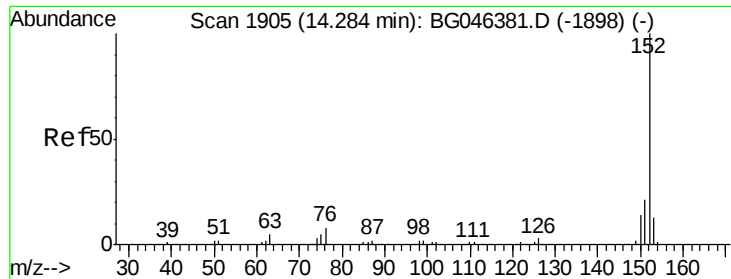
Instrument :
BNA_G
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BFMF9

Quant Time: Aug 21 01:11:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#8

Acenaphthylene

Concen: 2.530 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046387.D

Acq: 20 Aug 2020 20:36

Instrument :

BNA_G

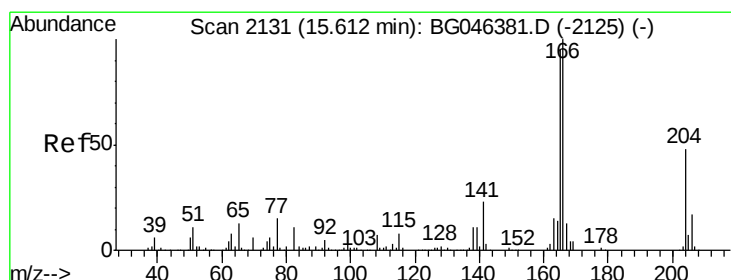
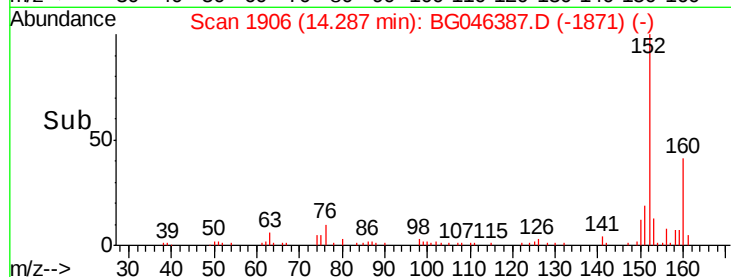
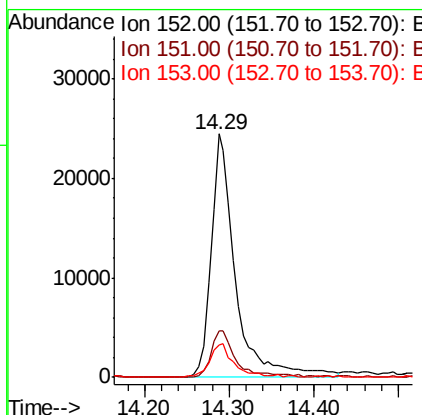
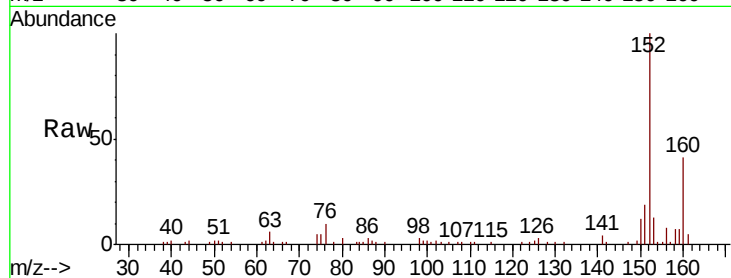
ClientSampleId :

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Tot Ion:	152	Resp:	49591
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.5	24.7
153	13.1	11.0	16.6

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#11

Fluorene

Concen: 1.095 ng/ul

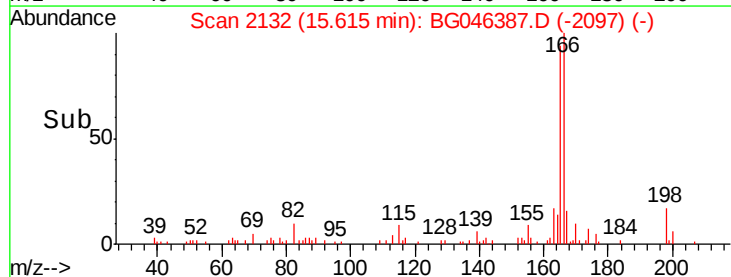
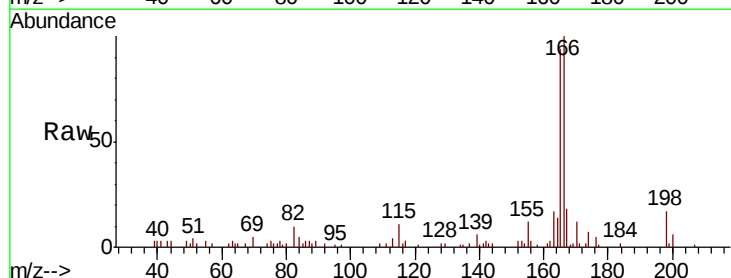
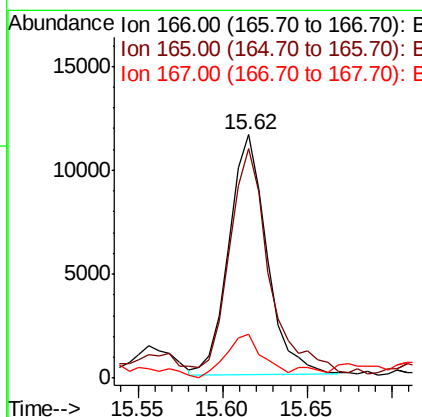
RT: 15.62 min Scan# 2132

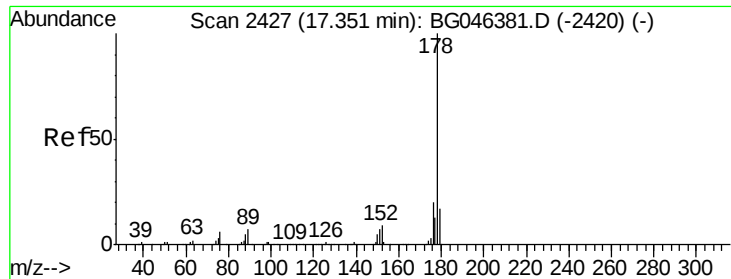
Delta R.T. 0.00 min

Lab File: BG046387.D

Acq: 20 Aug 2020 20:36

Tgt Ion:	166	Resp:	17926
Ion Ratio	Lower	Upper	
166	100		
165	94.0	75.9	113.9
167	17.8	10.7	16.1#





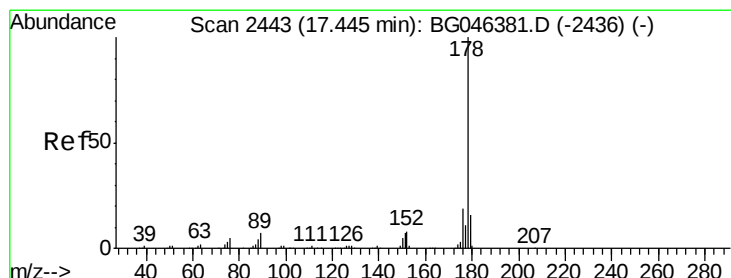
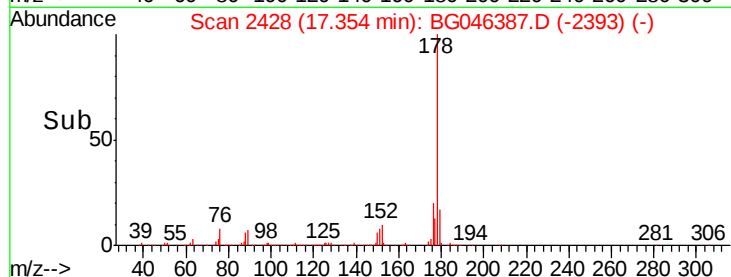
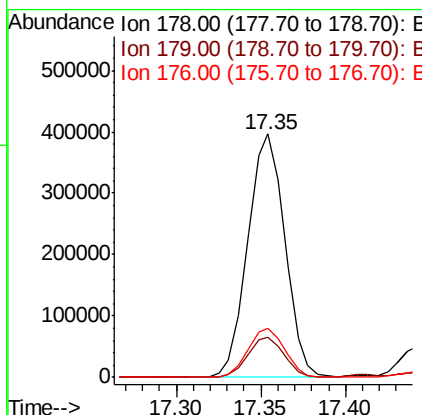
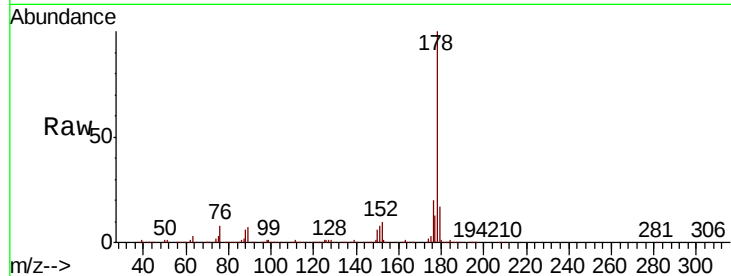
#14
Phenanthrene
Concen: 22.967 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Instrument :
BNA_G
ClientSampled :
BFMF9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.8	19.2
176	20.2	15.8	23.8

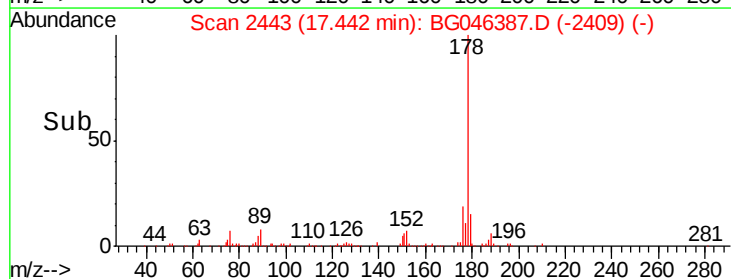
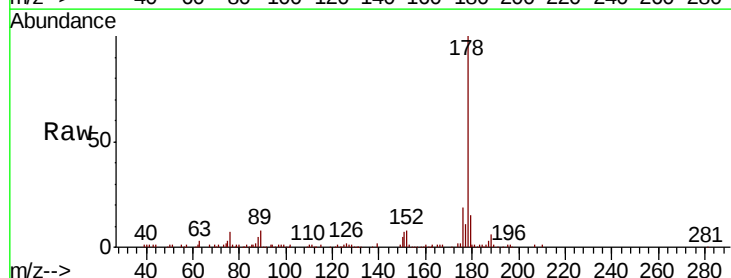
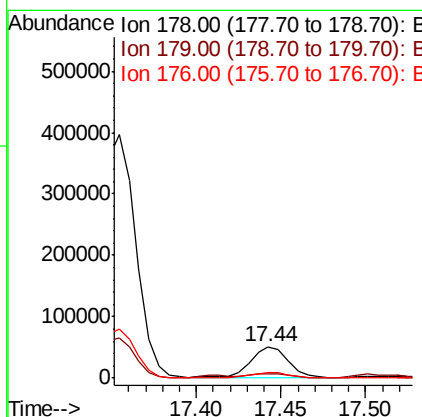
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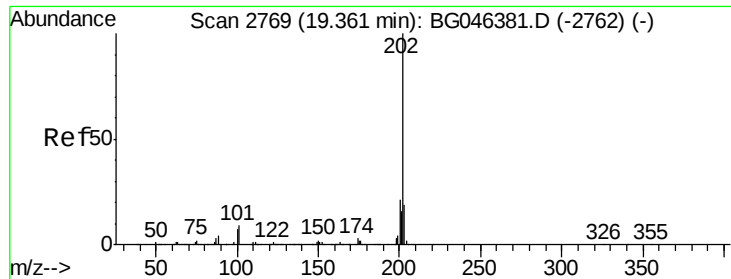
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#16
Anthracene
Concen: 2.939 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.2	19.8
176	19.0	15.2	22.8





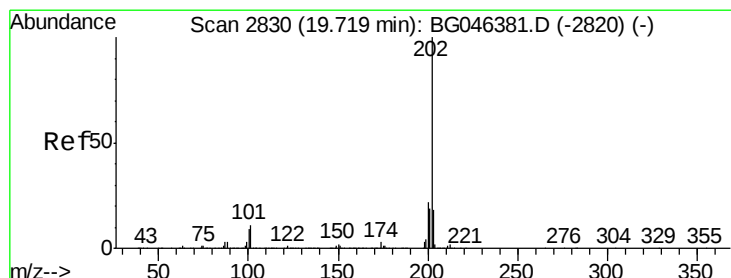
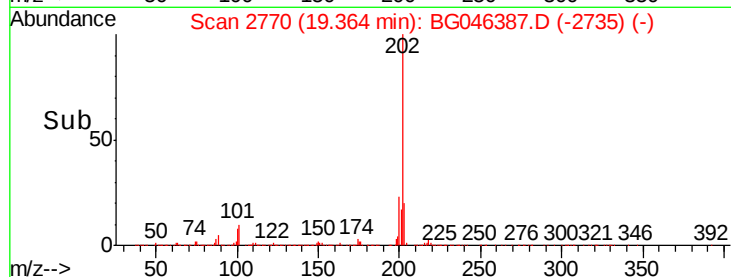
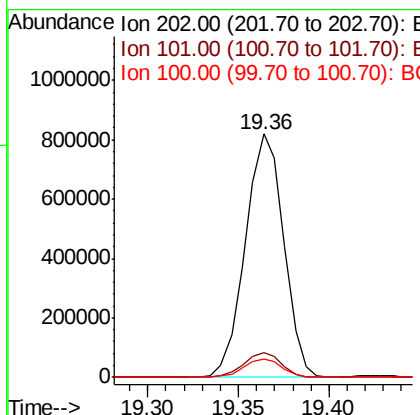
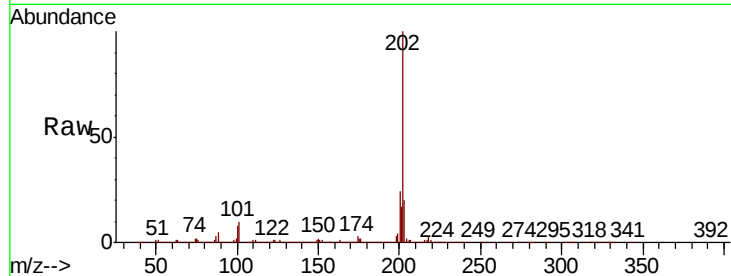
#17
Fluoranthene
 Concen: 40.792 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046387.D
 Acq: 20 Aug 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 BFMF9

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.6
100	7.6	5.9	8.9

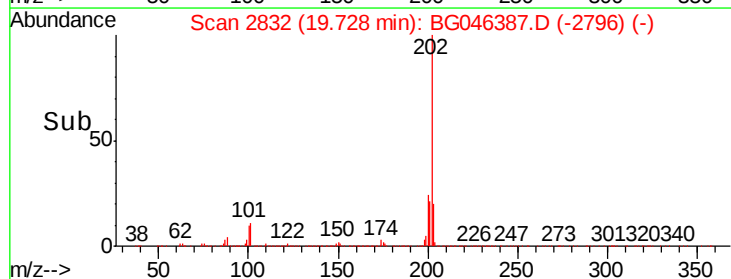
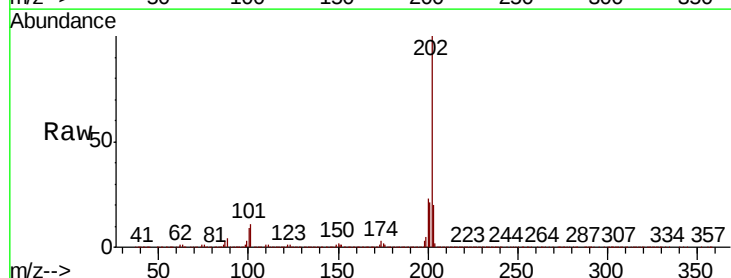
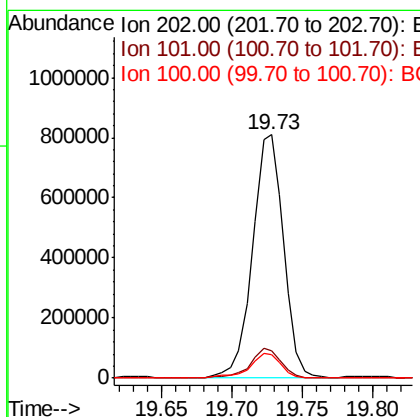
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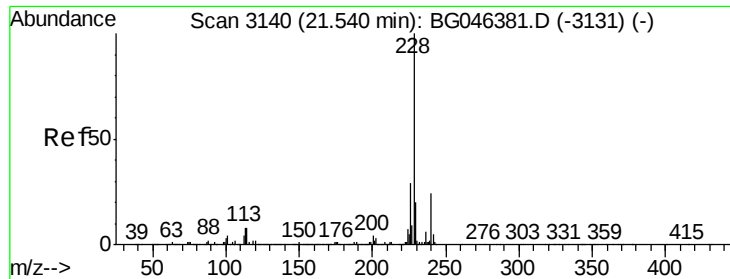
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#20
Pyrene
 Concen: 38.061 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BG046387.D
 Acq: 20 Aug 2020 20:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	9.5	7.9	11.9





#21

Benzo(a)anthracene

Concen: 19.862 ng/ul

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046387.D

Acq: 20 Aug 2020 20:36

Instrument :

BNA_G

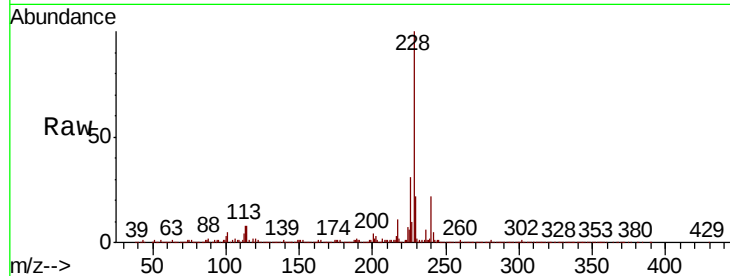
ClientSampleId :

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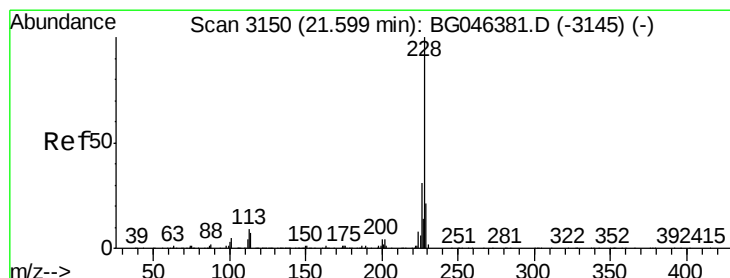
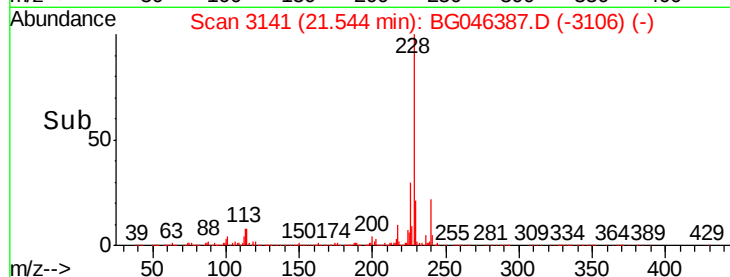
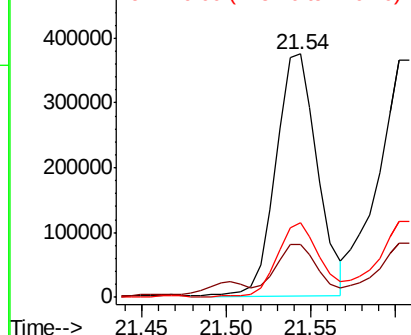
Tot Ion:	228	Resp:	642559
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.6	25.0
226	30.5	22.6	33.8

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



#22

Chrysene

Concen: 22.339 ng/ul

RT: 21.61 min Scan# 3152

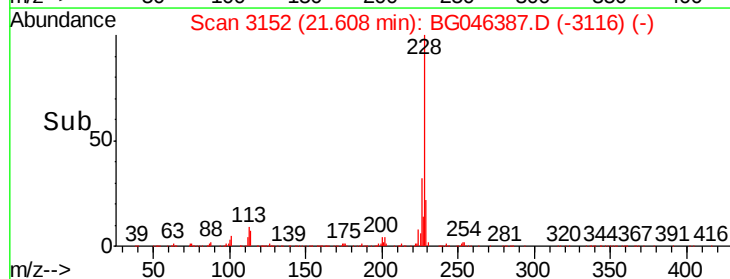
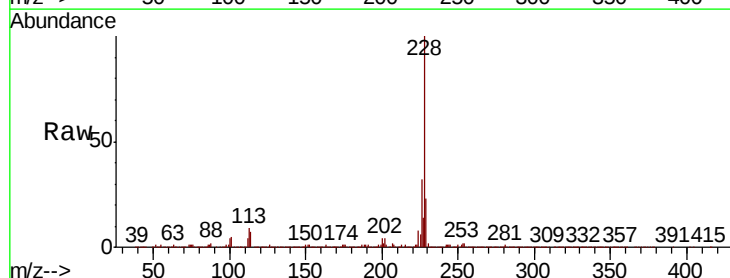
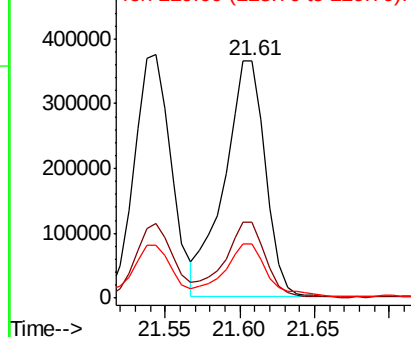
Delta R.T. 0.01 min

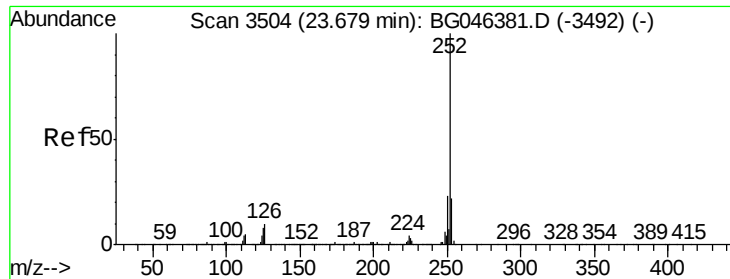
Lab File: BG046387.D

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Tgt Ion:	228	Resp:	698639
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.5	38.3
229	22.8	17.0	25.4

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





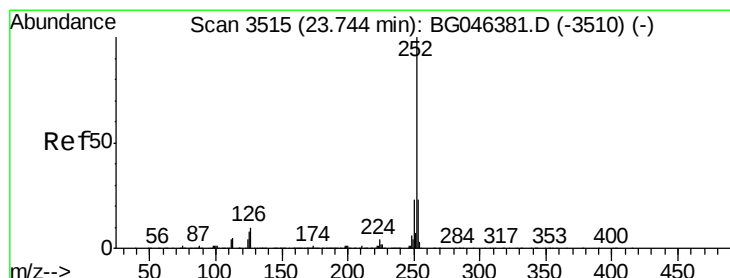
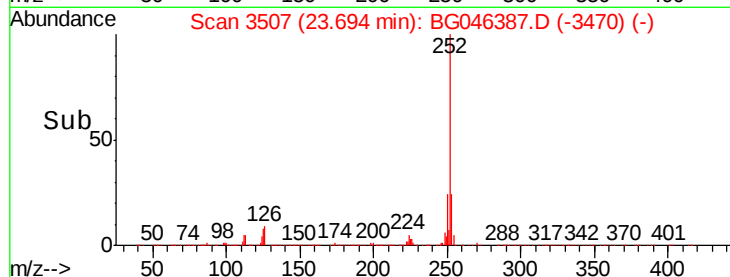
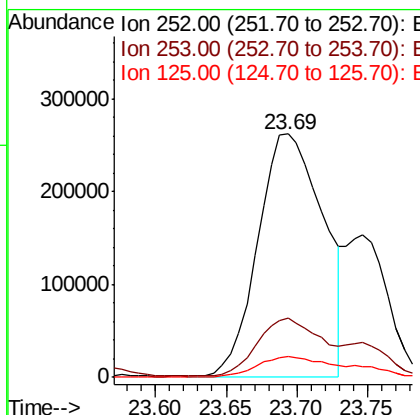
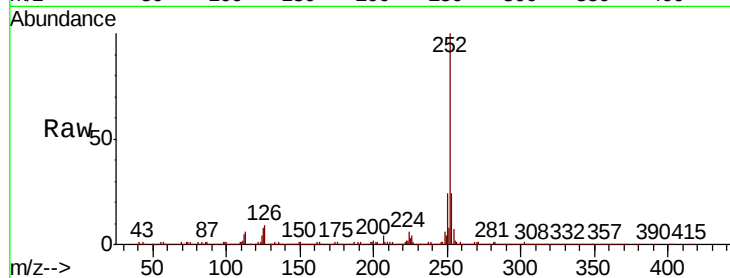
#24
Benzo(b)fluoranthene
Concen: 23.904 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Instrument :
BNA_G
ClientSampleId :
BFMF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	8.5	6.4	9.6

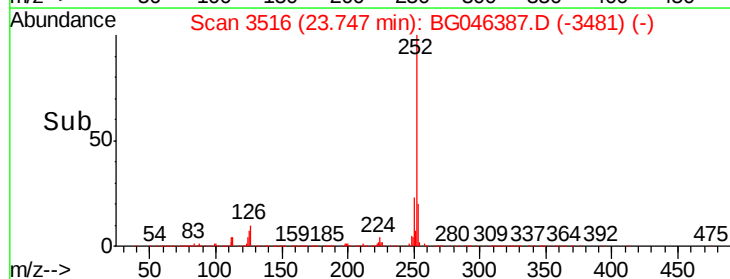
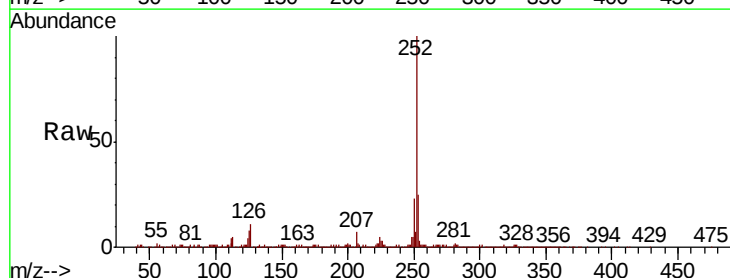
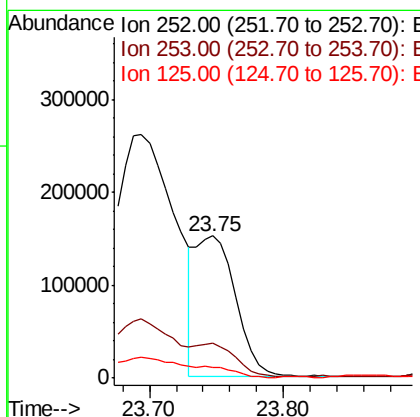
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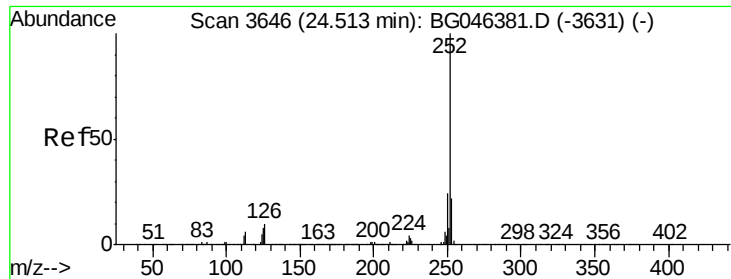
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#25
Benzo(k)fluoranthene
Concen: 9.037 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	7.6	6.2	9.2





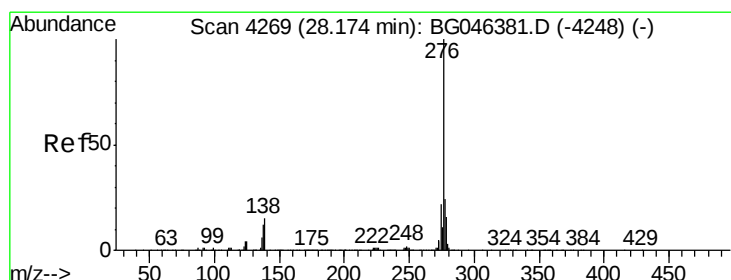
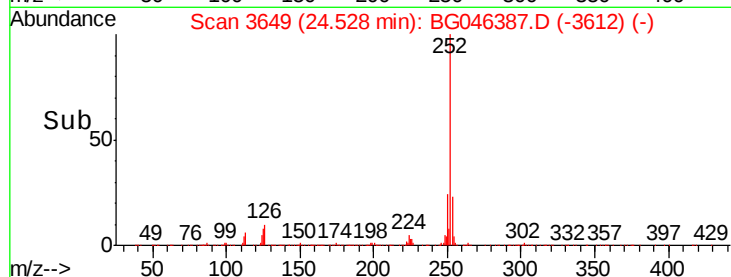
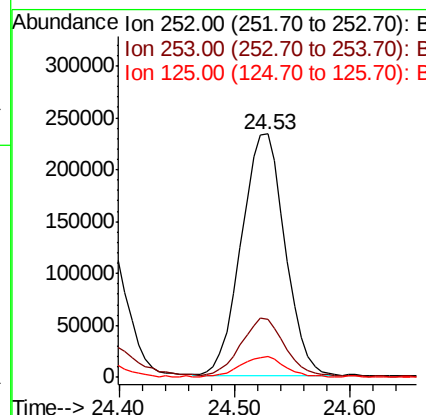
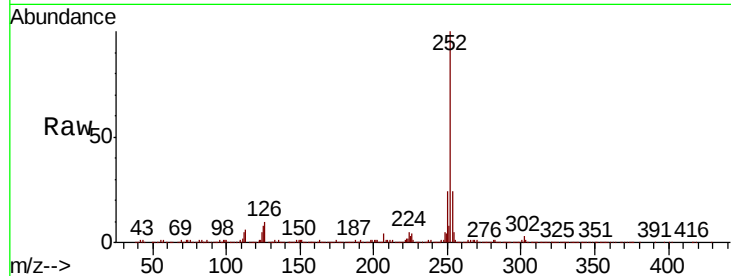
#27
Benzo(a)pyrene
Concen: 18.840 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Instrument :
BNA_G
ClientSampleId :
BFMF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	8.3	7.1	10.7

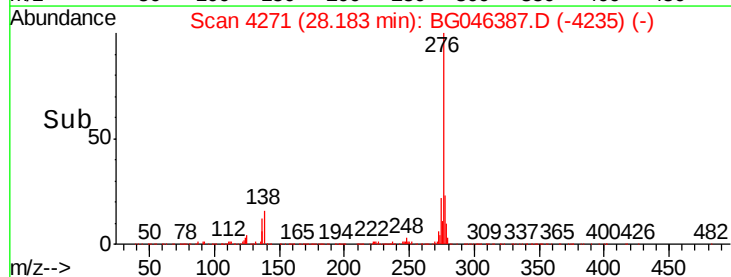
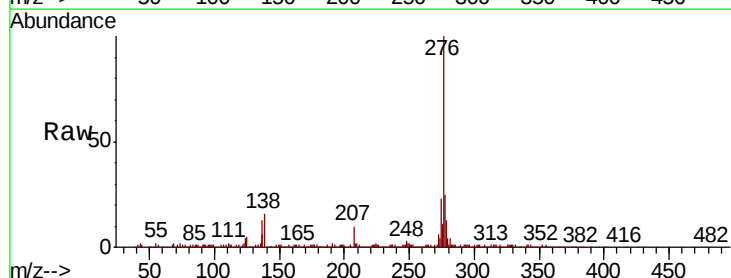
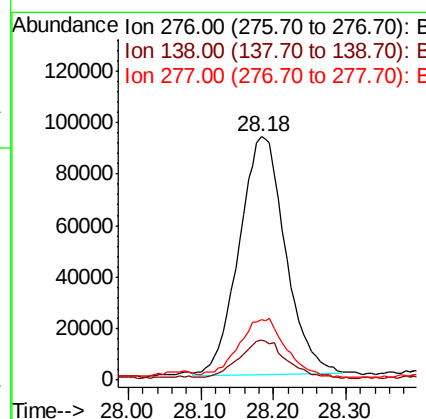
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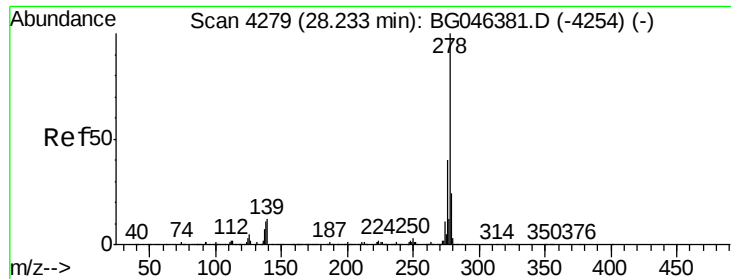
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#28
Indeno(1,2,3-cd)pyrene
Concen: 10.105 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. 0.01 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	24.9	19.9	29.9





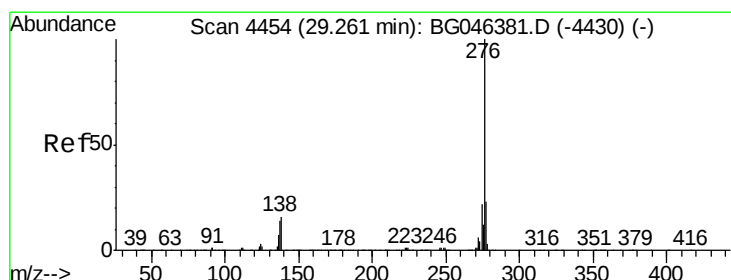
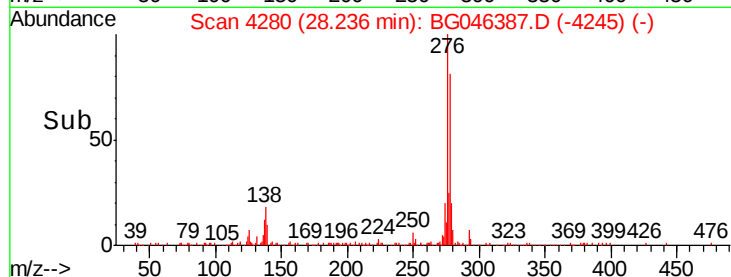
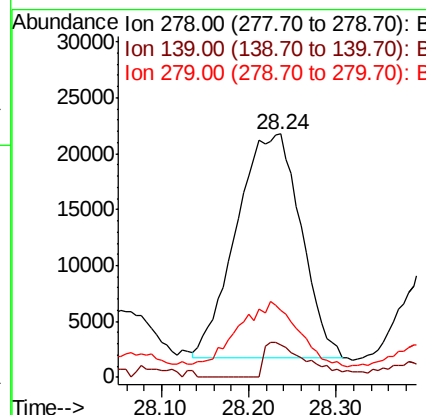
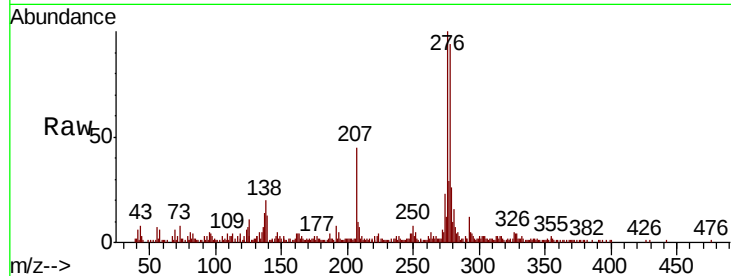
#29
Dibenzo(a,h)anthracene
Concen: 3.095 ng/ul m
RT: 28.24 min Scan# 4280
Delta R.T. 0.00 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Instrument :
BNA_G
ClientSampled :
BFMF9

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	27.6	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 6.143 ng/ul
RT: 29.28 min Scan# 4458
Delta R.T. 0.02 min
Lab File: BG046387.D
Acq: 20 Aug 2020 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	12.9	19.3
277	23.4	19.4	29.0

