

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046433.D
 Acq On : 22 Aug 2020 4:50
 Operator : CG/JU
 Sample : L3649-13
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMYO

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Quant Time: Aug 22 07:04:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 04:33:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	92952	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	383862	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	254060	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	547093	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	543597	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	550018	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	137806	20.85	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	506748	21.67	ng/ul	0.00
10) Fluorene-d10	15.56	176	390977	21.82	ng/ul	0.00
15) Anthracene-d10	17.41	188	552914	21.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	611127	21.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	672501	22.41	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	247601	8.227	ng/ul	100
16) Anthracene	17.44	178	47254	1.556	ng/ul	99
17) Fluoranthene	19.36	202	512518	15.272	ng/ul	100
20) Pyrene	19.73	202	465829	13.055	ng/ul	99
21) Benzo(a)anthracene	21.54	228	272678	7.710	ng/ul	97
22) Chrysene	21.61	228	276478	8.086	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	357272	9.823	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	100319m	2.780	ng/ul	
27) Benzo(a)pyrene	24.53	252	221419	6.631	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	126838	3.034	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	37848m	1.116	ng/ul	
30) Benzo(a,h,i)perylene	29.29	276	99688	2.849	ng/ul	96

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

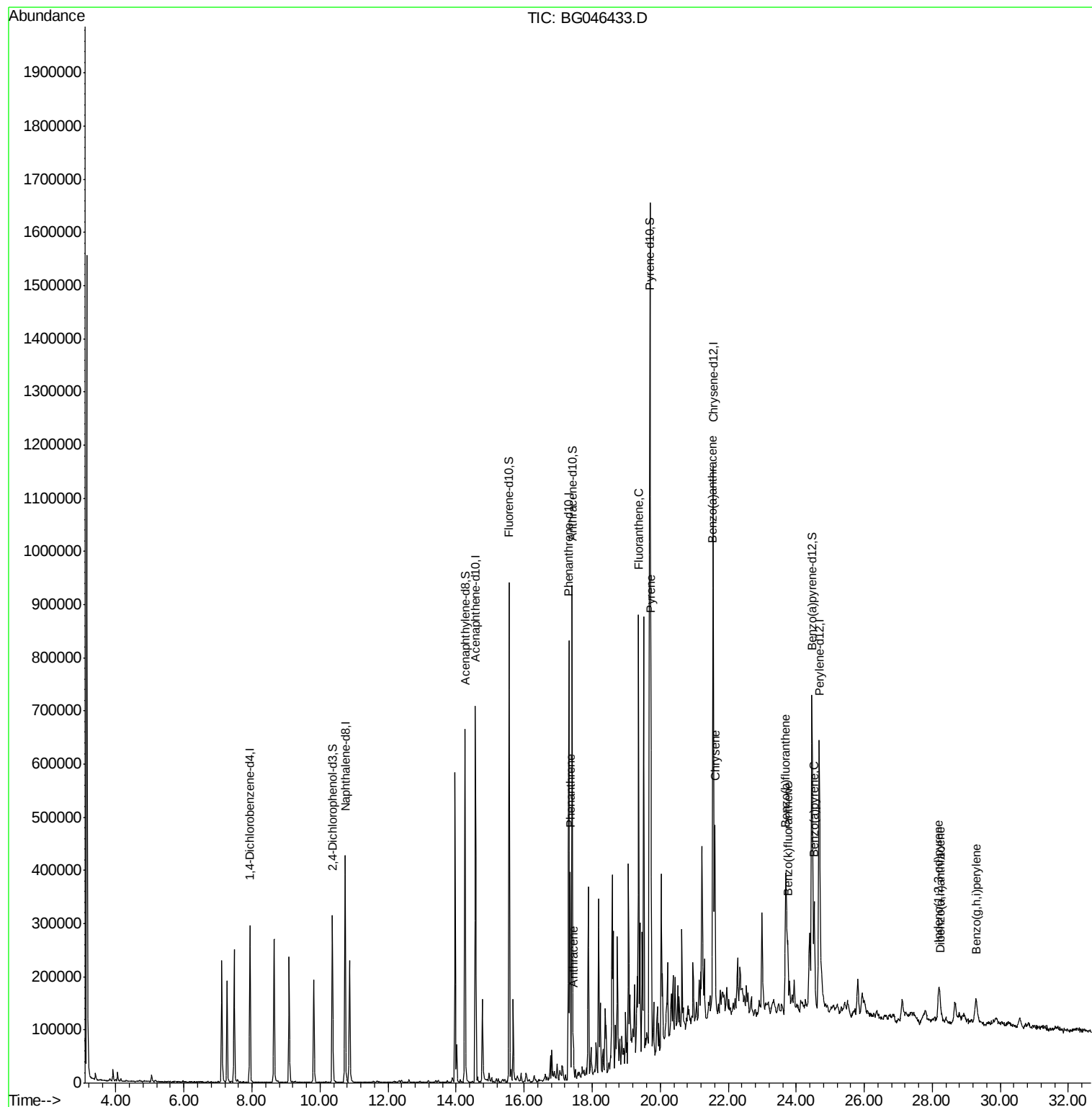
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046433.D
Acq On : 22 Aug 2020 4:50
Operator : CG/JU
Sample : L3649-13
Misc :
ALS Vial : 97 Sample Multiplier: 1

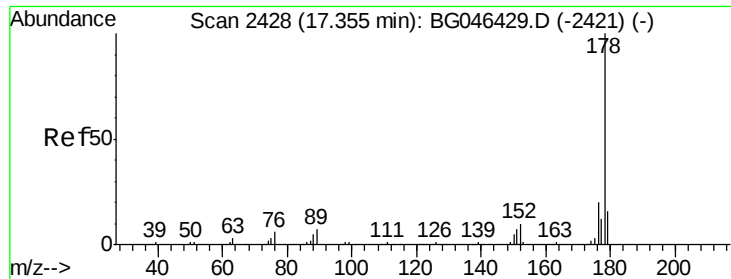
Instrument :
BNA_G
ClientSampleId :
BFMY0

Quant Time: Aug 22 07:04:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 04:33:16 2020
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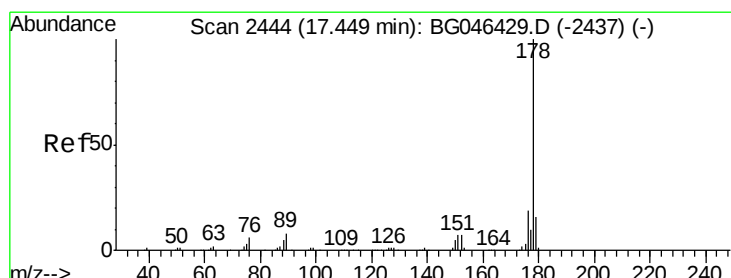
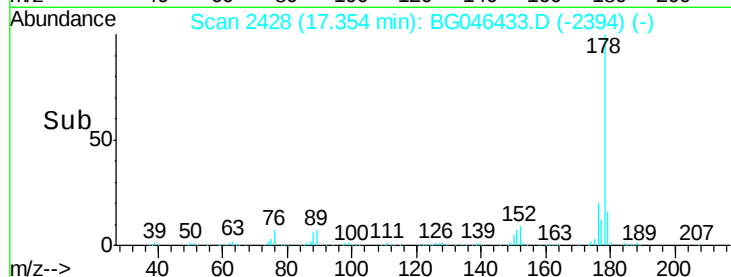
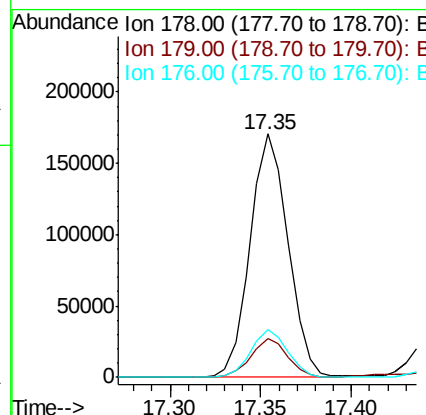
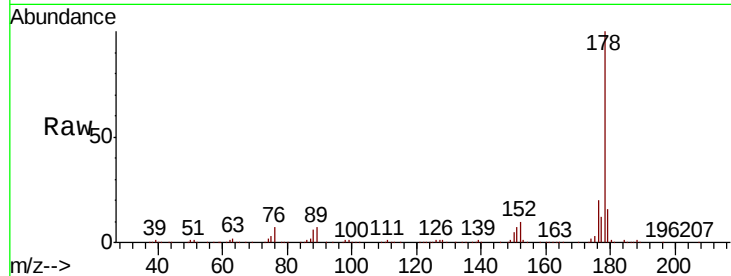
#14
Phenanthrene
Concen: 8.227 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Instrument :
BNA_G
ClientSampled :
BFMY0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.7	15.8	23.8

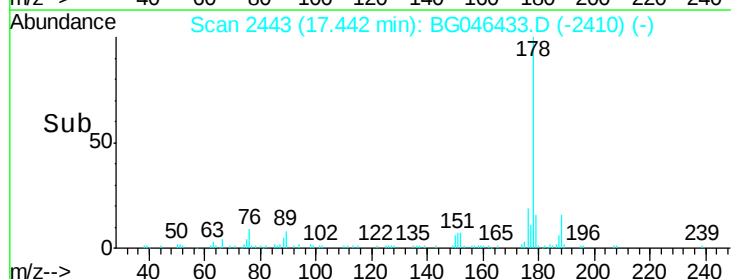
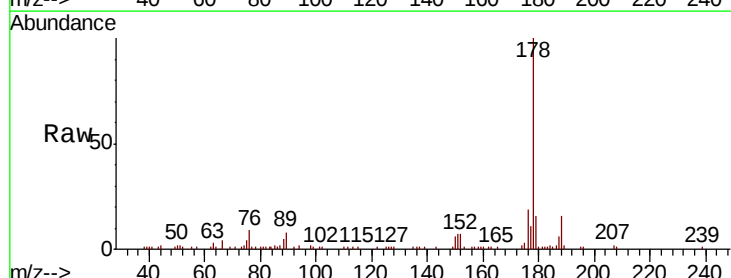
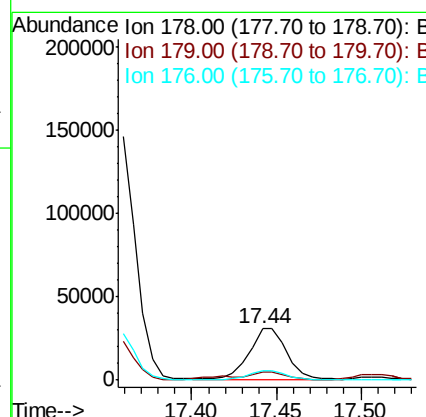
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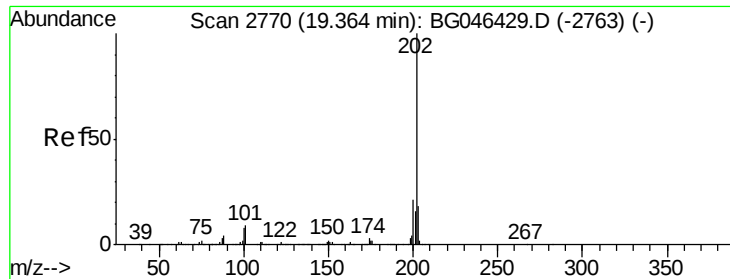
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#16
Anthracene
Concen: 1.556 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	18.7	15.2	22.8





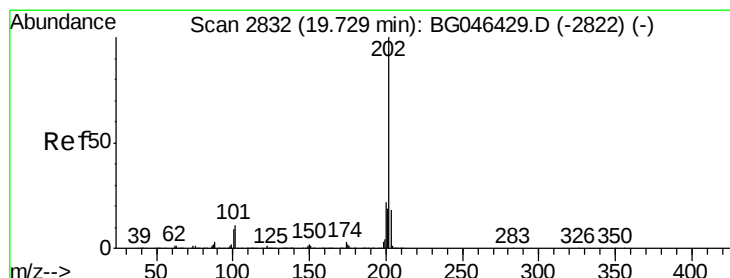
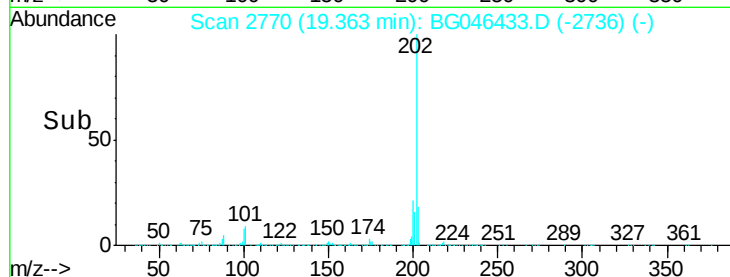
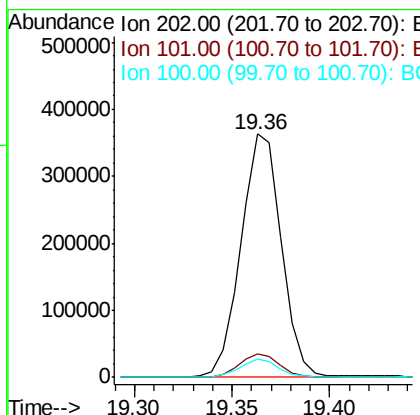
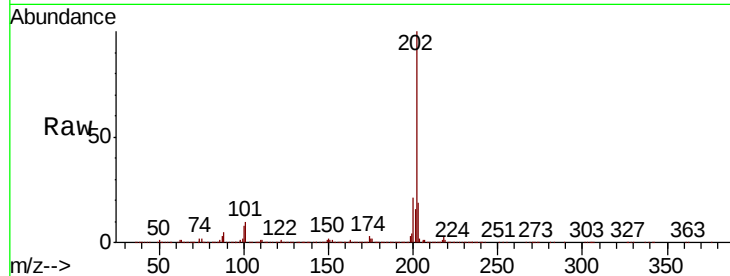
#17
Fluoranthene
 Concen: 15.272 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Instrument :
 BNA_G
 ClientSampleID :
 BFMYO

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		512518		
101	9.6	7.8	11.6		
100	7.7	5.9	8.9		

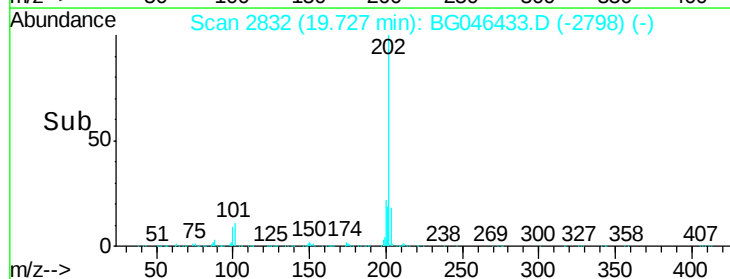
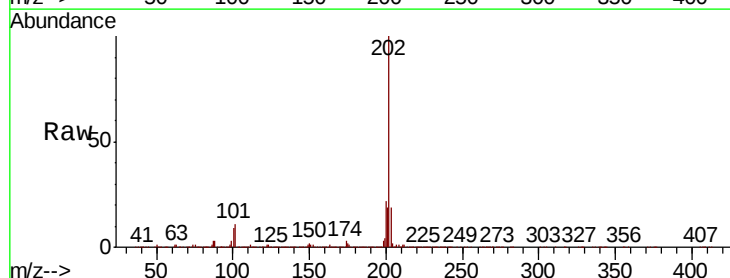
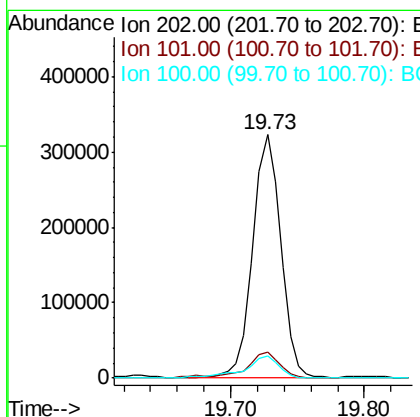
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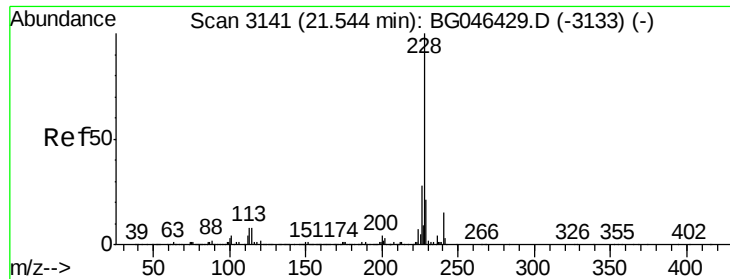
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#20
Pyrene
 Concen: 13.055 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		465829		
101	10.8	8.9	13.3		
100	9.2	7.9	11.9		





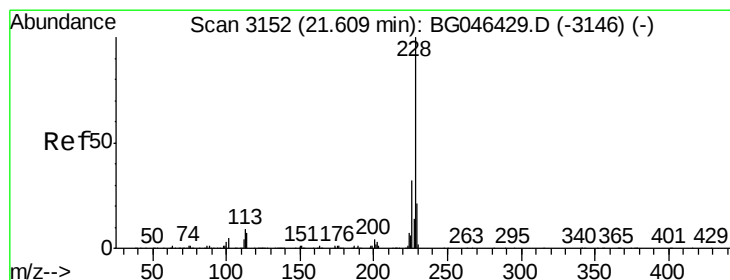
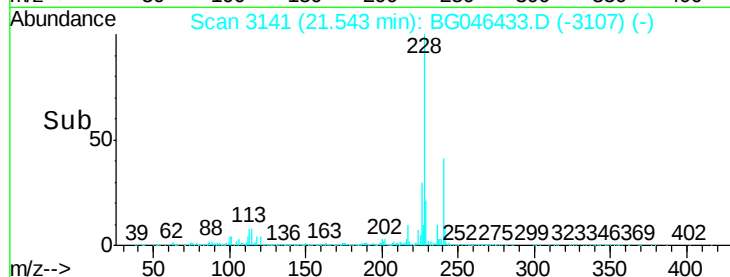
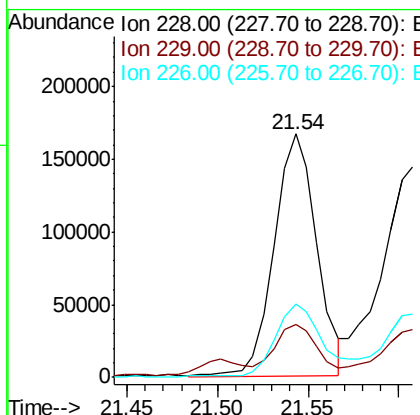
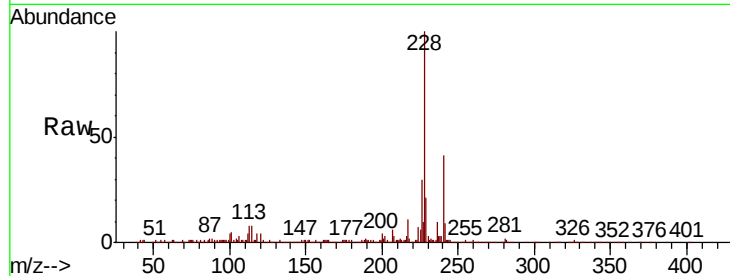
#21
Benzo(a)anthracene
Concen: 7.710 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Instrument :
BNA_G
ClientSampled :
BFMY0

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	30.2	22.6	33.8

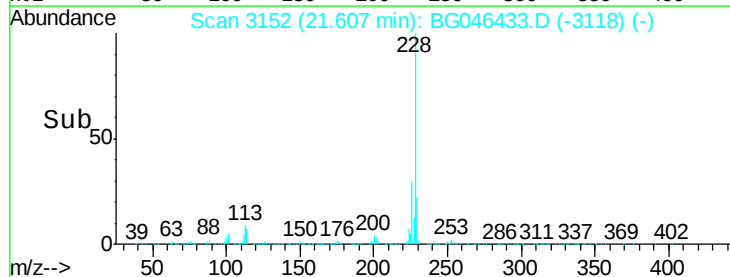
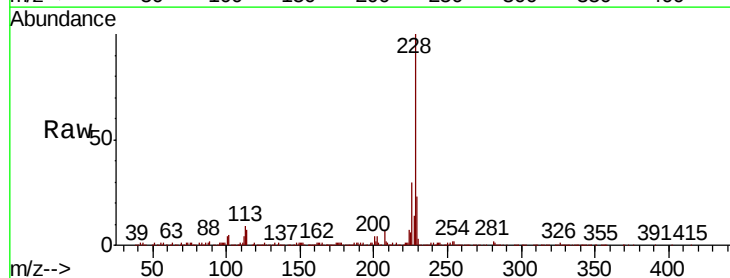
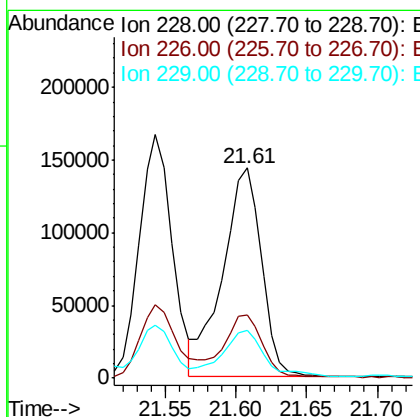
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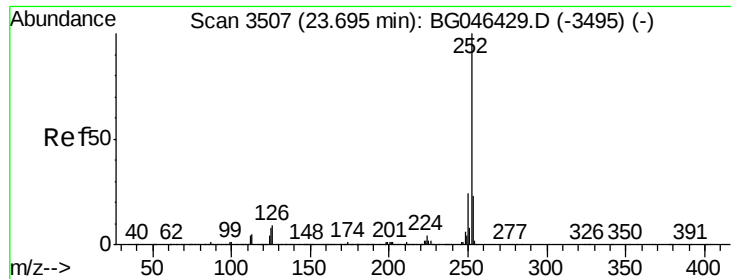
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#22
Chrysene
Concen: 8.086 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	23.0	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 9.823 ng/ul

RT: 23.69 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BG046433.D

Acq: 22 Aug 2020 4:50

Instrument :

BNA_G

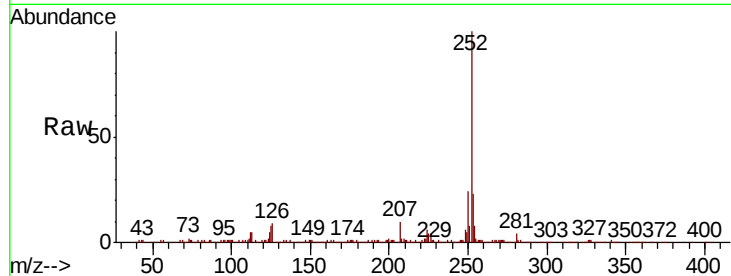
ClientSampled :

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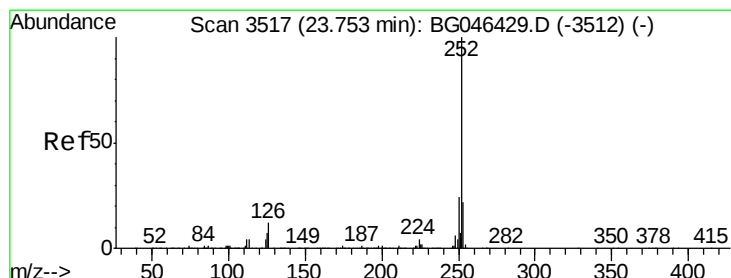
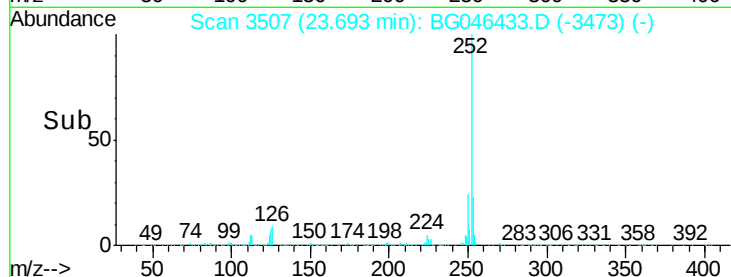
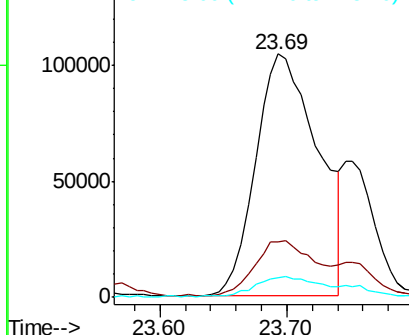
Tot Ion:	252	Resp:	357272
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	8.0	6.4	9.6

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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: 2.780 ng/ul m

RT: 23.75 min Scan# 3517

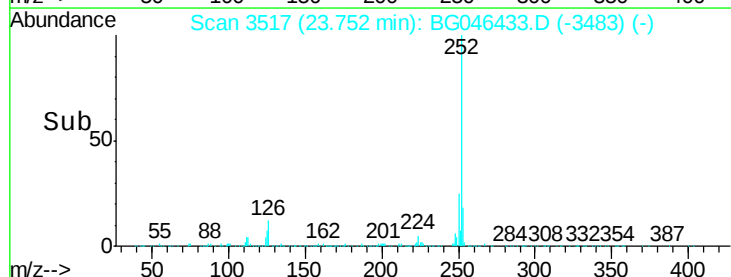
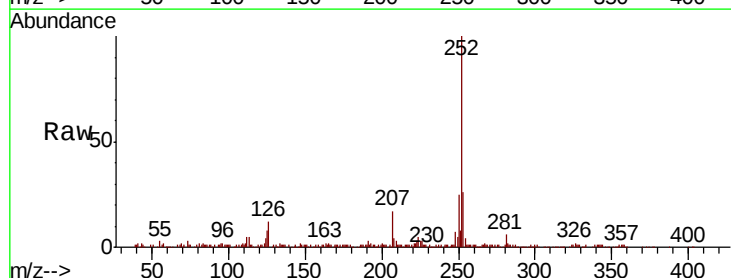
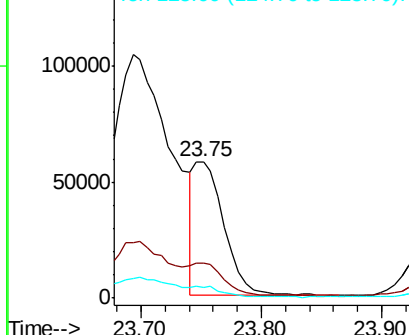
Delta R.T. -0.00 min

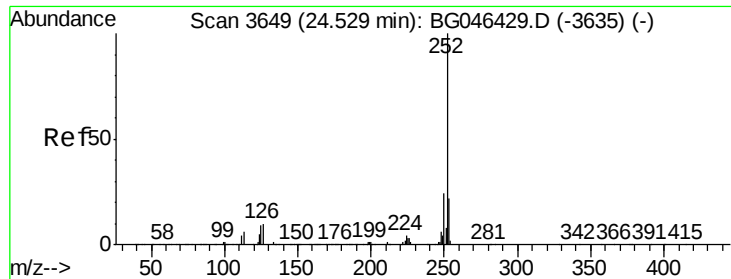
Lab File: BG046433.D

Acq: 22 Aug 2020 4:50

Tgt Ion:	252	Resp:	100319
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.5	27.7
125	7.8	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: 6.631 ng/ul

RT: 24.53 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BG046433.D

Acq: 22 Aug 2020 4:50

Instrument :

BNA_G

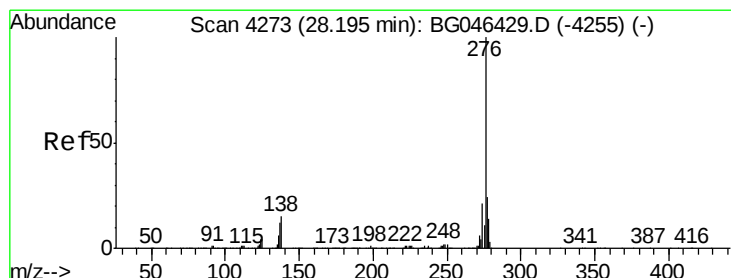
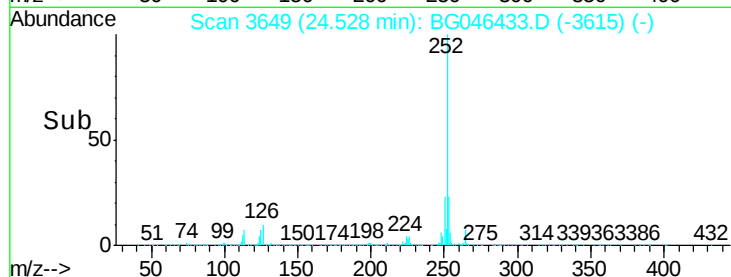
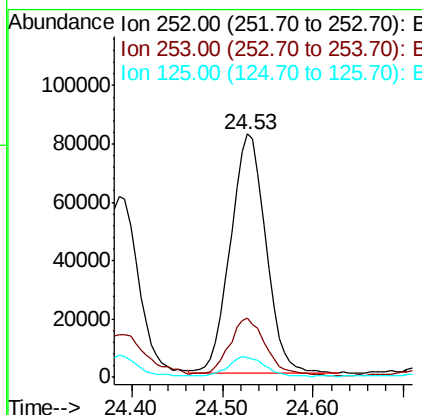
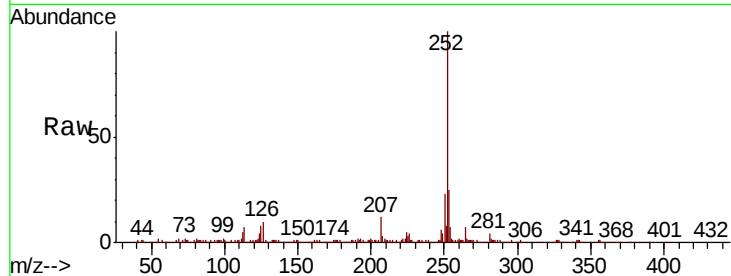
ClientSampled :

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Tot Ion:	252	Resp:	221419
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	7.8	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.034 ng/ul

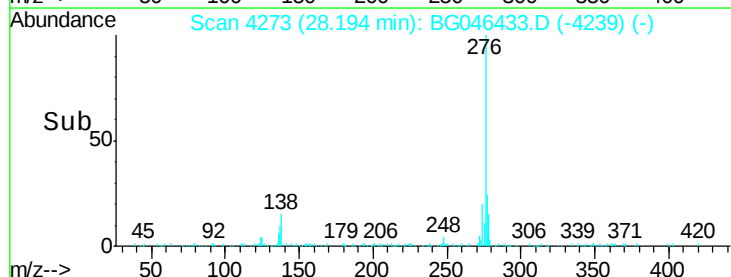
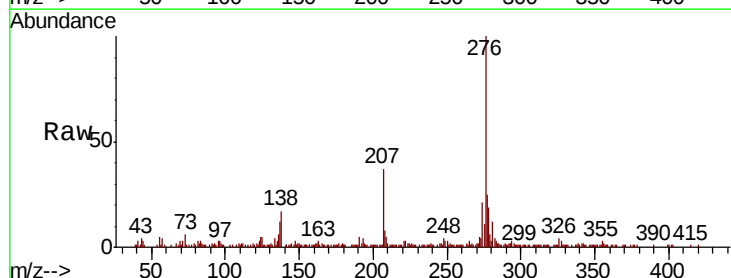
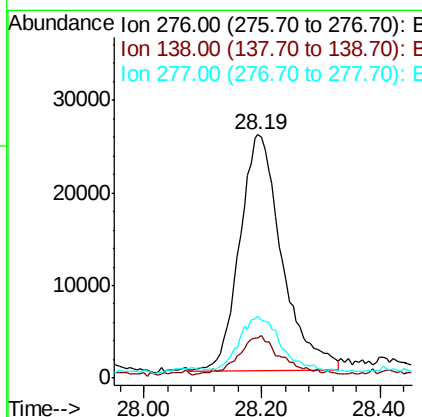
RT: 28.19 min Scan# 4273

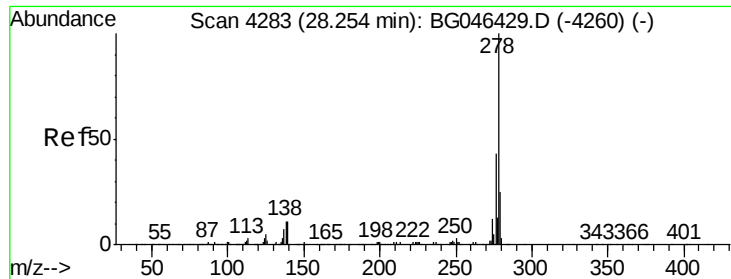
Delta R.T. -0.00 min

Lab File: BG046433.D

Acq: 22 Aug 2020 4:50

Tgt Ion:	276	Resp:	126838
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.2	19.8
277	25.3	19.9	29.9





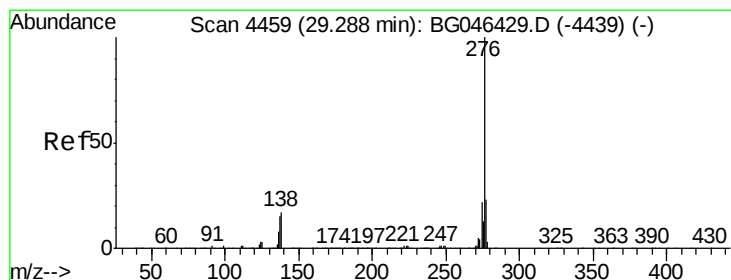
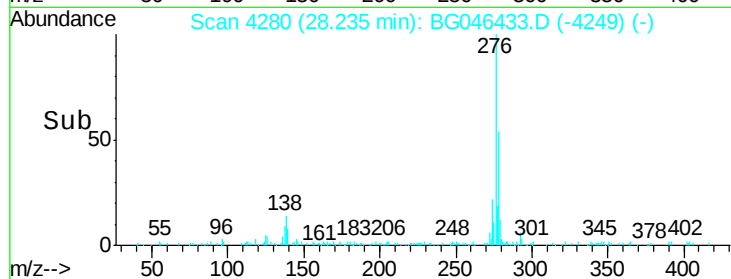
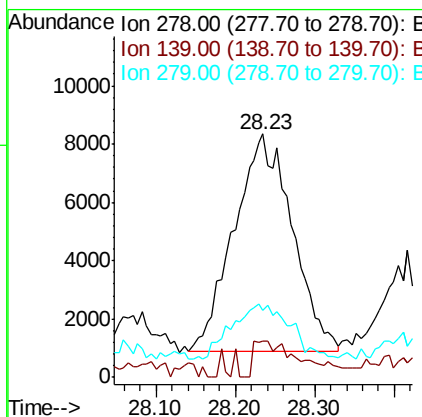
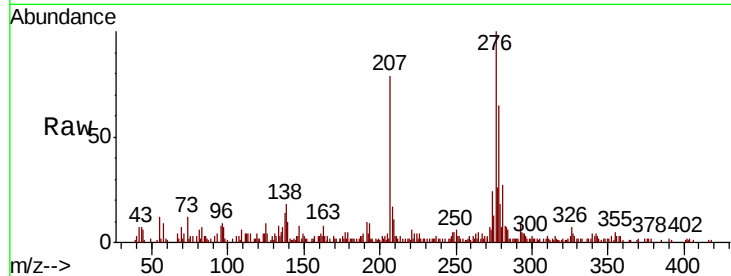
#29
Dibenzo(a,h)anthracene
Concen: 1.116 ng/ul m
RT: 28.23 min Scan# 4280
Delta R.T. -0.02 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Instrument :
BNA_G
ClientSampled :
BFMY0

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	9.8	14.8#
279	27.5	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 2.849 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. -0.00 min
Lab File: BG046433.D
Acq: 22 Aug 2020 4:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.9	19.3
277	25.8	19.4	29.0

