

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046437.D
 Acq On : 22 Aug 2020 7:31
 Operator : CG/JU
 Sample : L3649-12
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMX9

Manual Integrations
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Quant Time: Aug 22 08:22:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 06:58:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	100399	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	414049	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	273986	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	590709	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	602331	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	609560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	116686	16.37	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	433035	17.17	ng/ul	0.00
10) Fluorene-d10	15.56	176	336994	17.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	461941	16.87	ng/ul	0.00
19) Pyrene-d10	19.70	212	530398	17.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	559994	16.84	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	113634	3.497	ng/ul	98
17) Fluoranthene	19.36	202	241002	6.651	ng/ul	99
20) Pyrene	19.73	202	223945	5.664	ng/ul	97
21) Benzo(a)anthracene	21.54	228	123094	3.141	ng/ul	98
22) Chrysene	21.60	228	134071	3.539	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	168455	4.179	ng/ul	95
25) Benzo(k)fluoranthene	23.74	252	64736m	1.619	ng/ul	
27) Benzo(a)pyrene	24.52	252	105902	2.862	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.19	276	62748m	1.354	ng/ul	
30) Benzo(g,h,i)perylene	29.29	276	49428	1.275	ng/ul	93

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

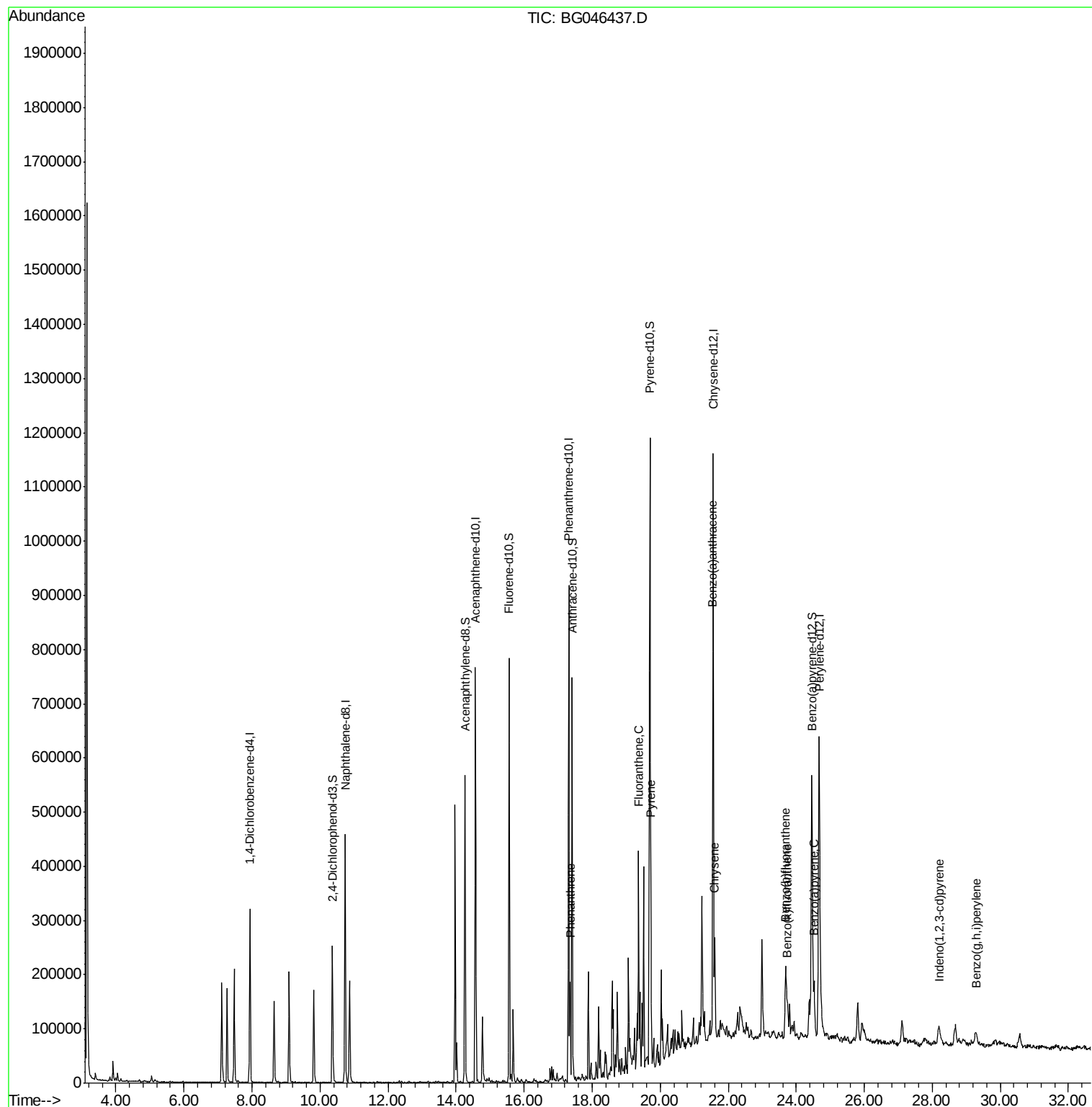
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

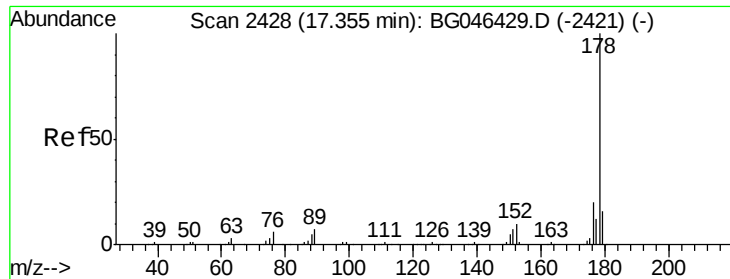
Instrument :
BNA_G
ClientSampleId :
BFMX9

Quant Time: Aug 22 08:22:40 2020
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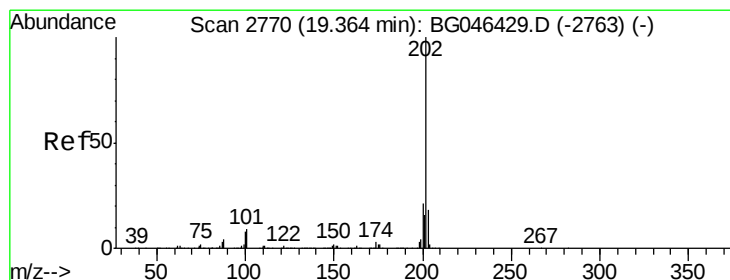
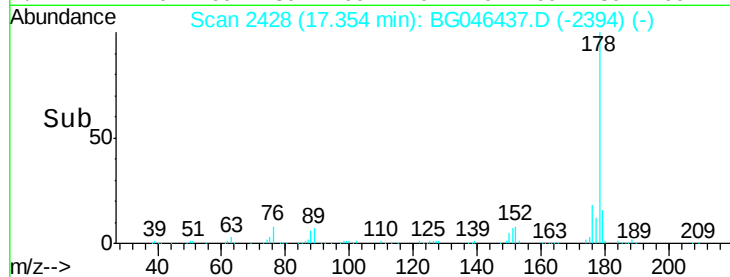
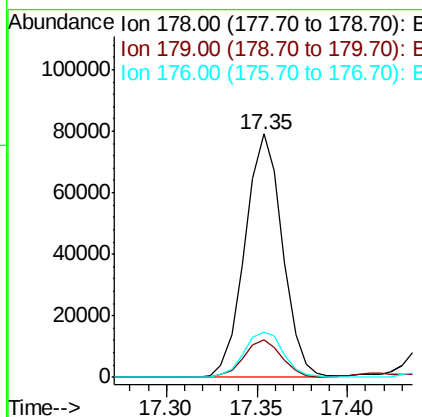
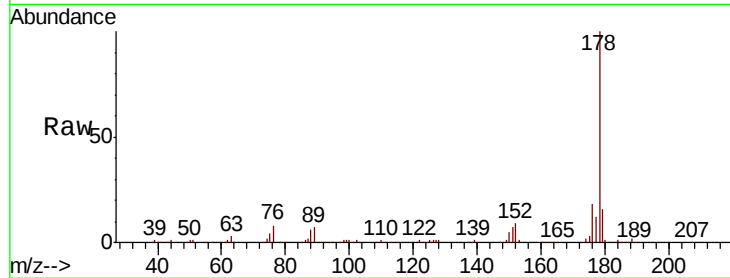
#14
Phenanthrene
Concen: 3.497 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Instrument :
BNA_G
ClientSampled :
BFMX9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.4	15.8	23.8

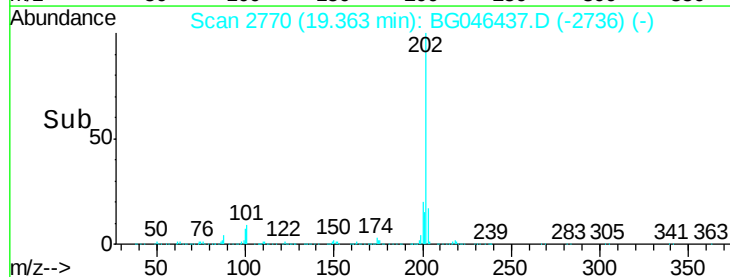
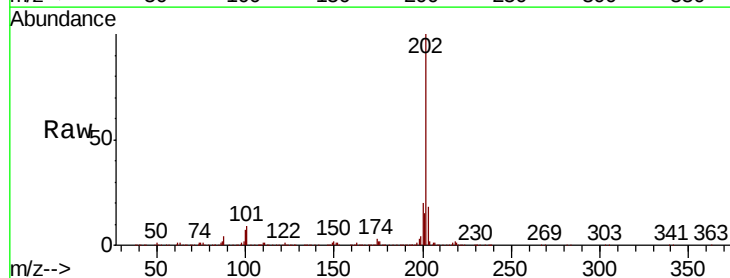
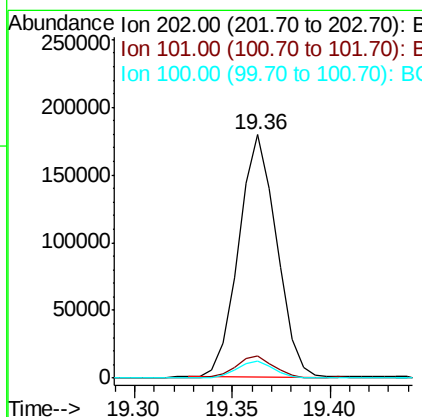
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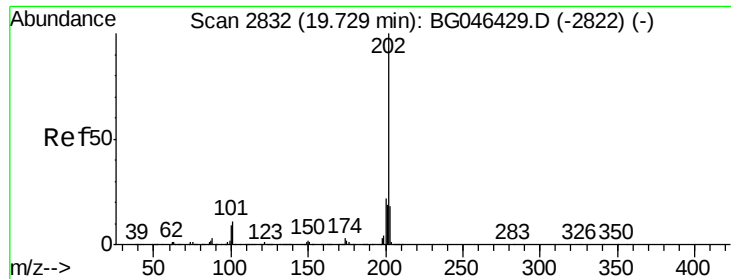
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#17
Fluoranthene
Concen: 6.651 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	6.9	5.9	8.9





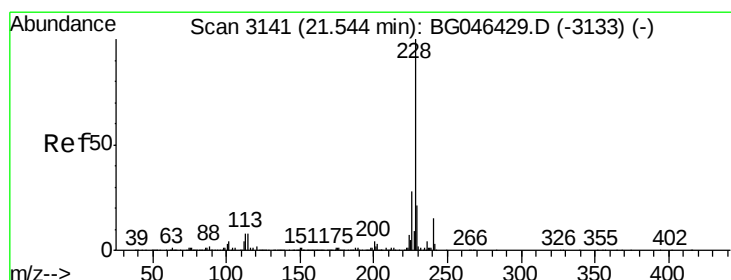
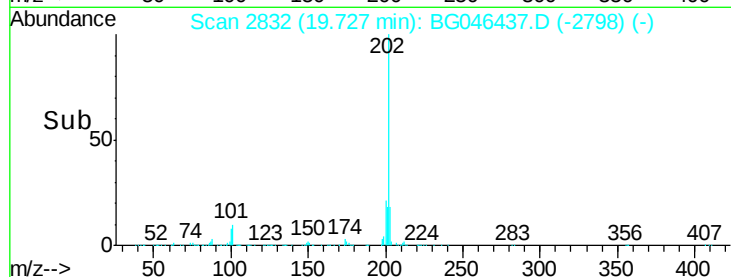
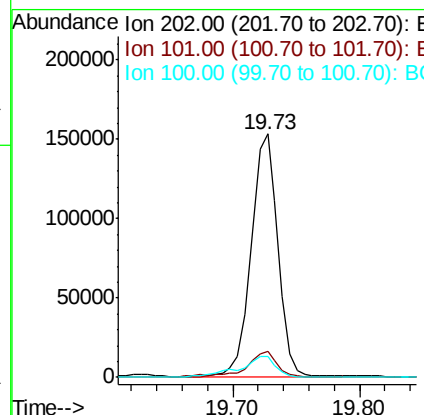
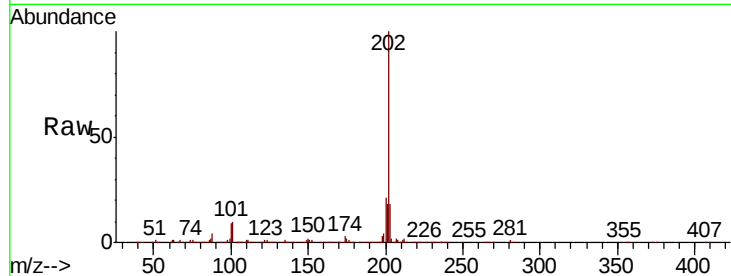
#20
Pvrene
Concen: 5.664 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Instrument :
BNA_G
ClientSampleId :
BFMX9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.5	7.9	11.9

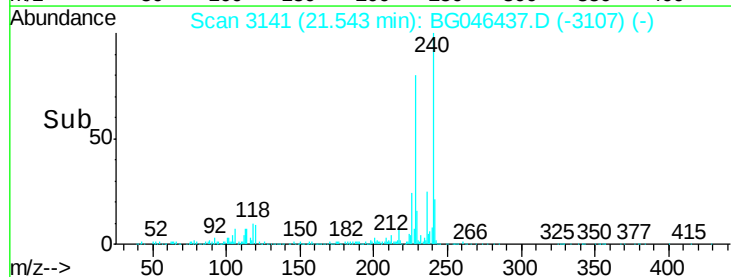
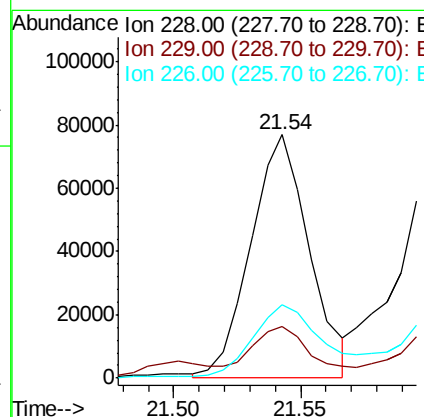
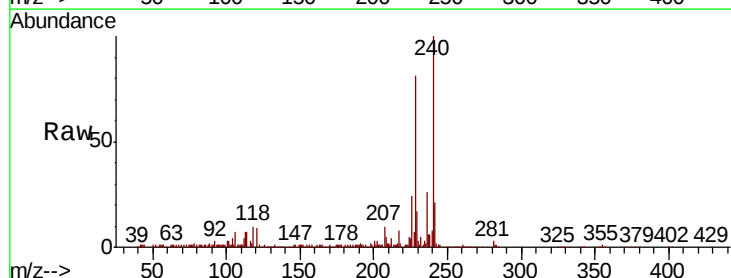
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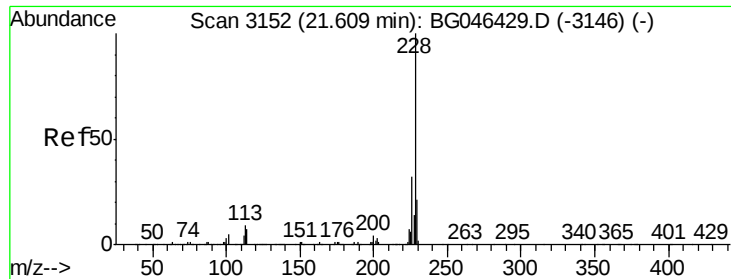
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#21
Benzo(a)anthracene
Concen: 3.141 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	16.6	25.0
226	30.3	22.6	33.8





#22

Chrysene

Concen: 3.539 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

Instrument :

BNA_G

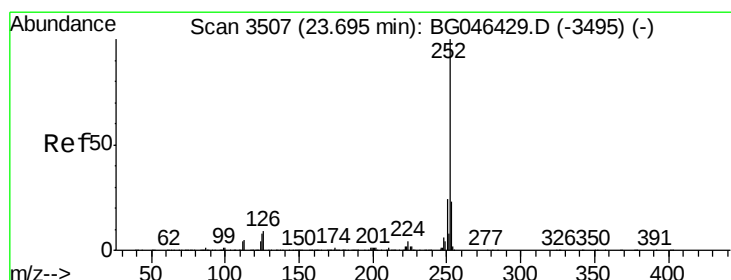
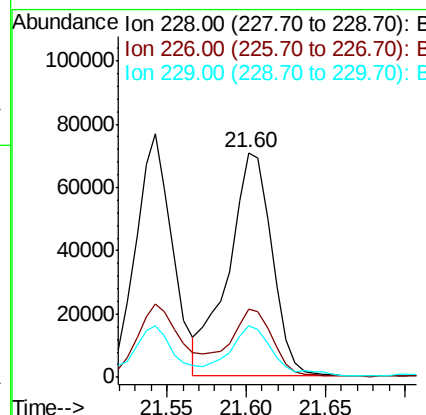
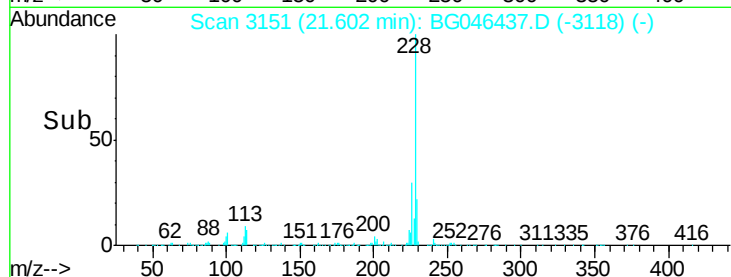
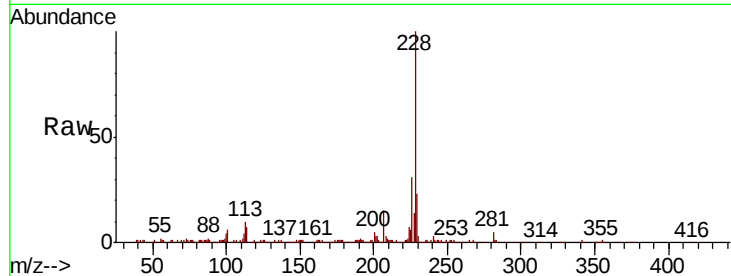
ClientSampled :

BFMX9

Tot Ion:	228	Resp:	134071
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.5	38.3
229	22.8	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 4.179 ng/ul

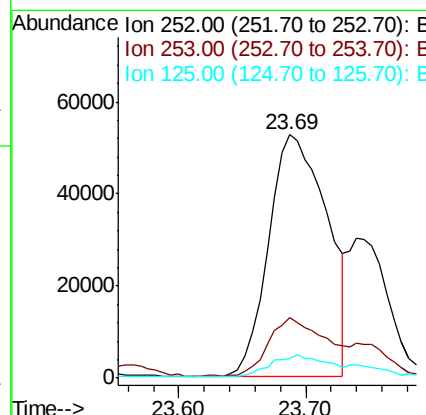
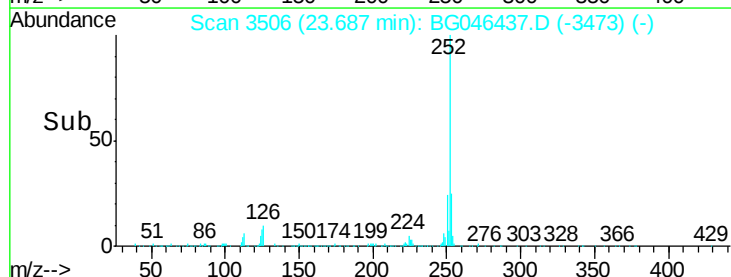
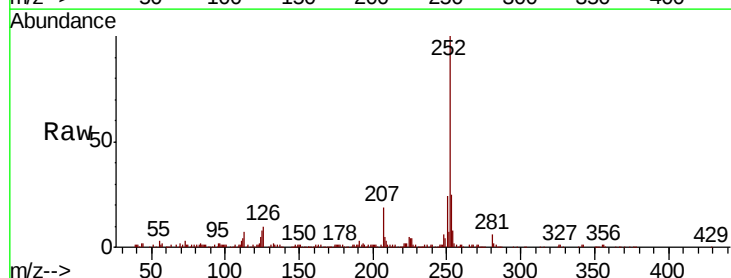
RT: 23.69 min Scan# 3506

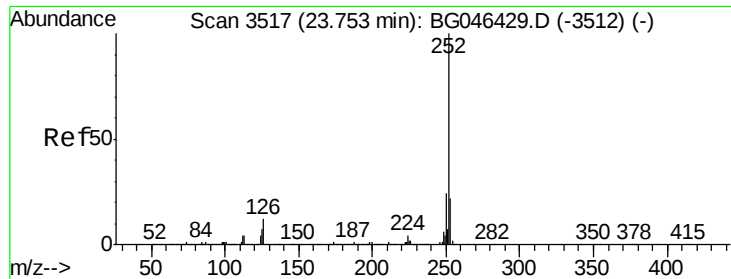
Delta R.T. -0.01 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

Tgt Ion:	252	Resp:	168455
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.8	26.6
125	8.1	6.4	9.6





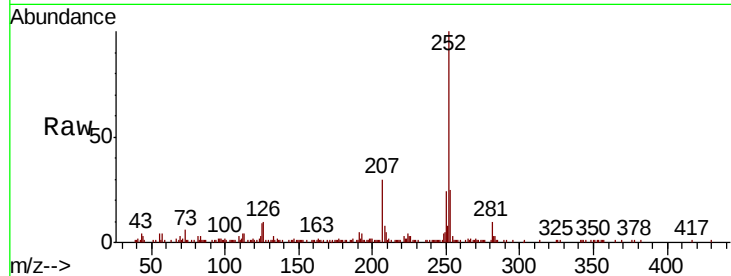
#25
Benzo(k)fluoranthene
Concen: 1.619 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Instrument :
BNA_G
ClientSampleId :
BFMX9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	9.1	6.2	9.2

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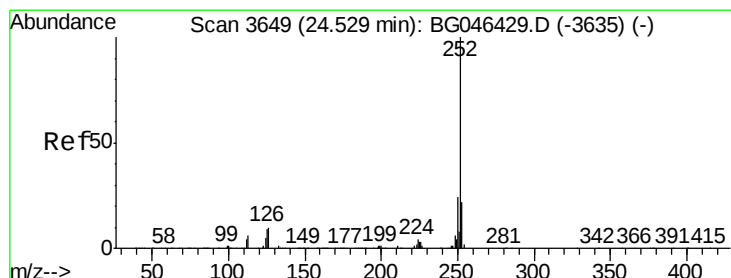
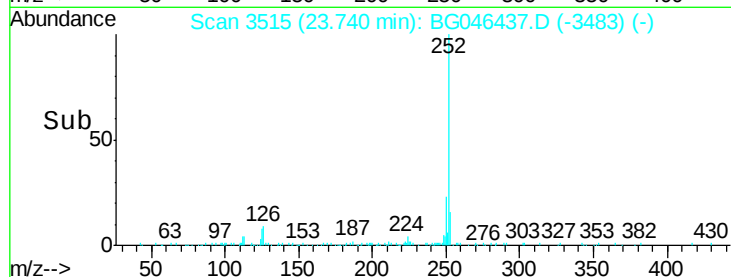
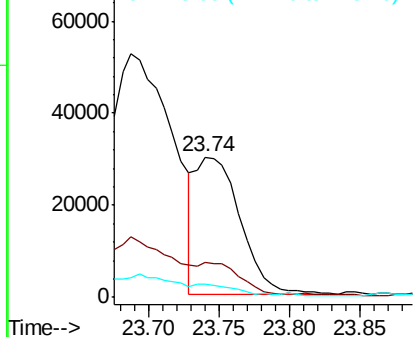


Abundance

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: 2.862 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

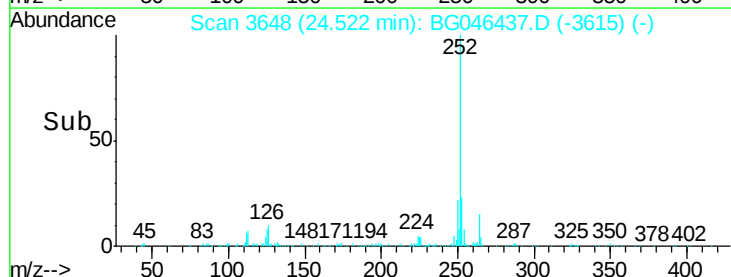
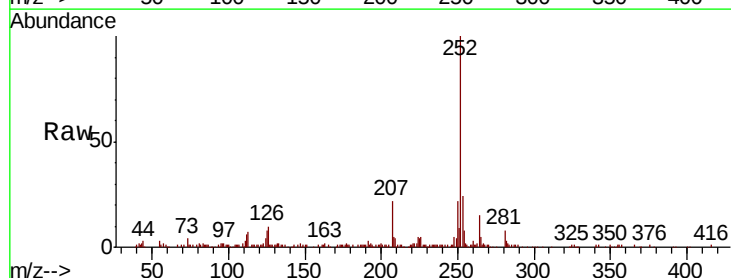
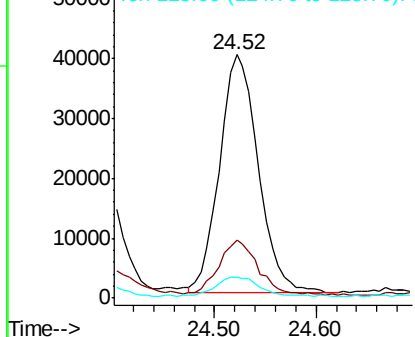
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	8.4	7.1	10.7

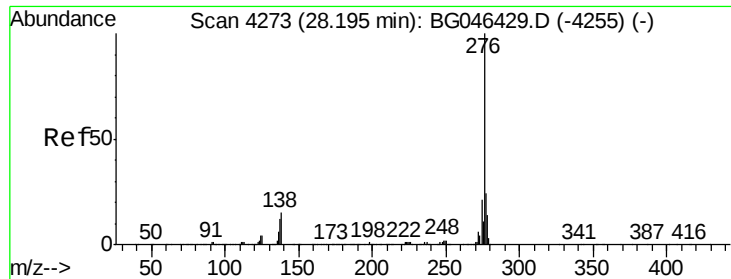
Abundance

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





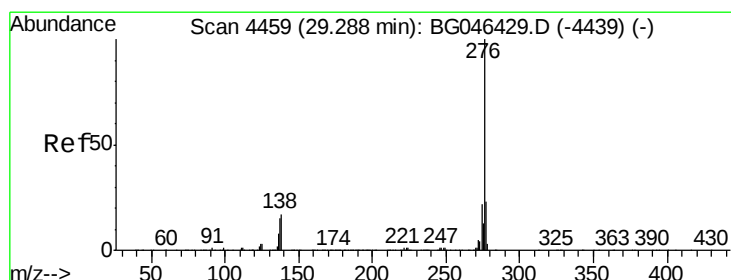
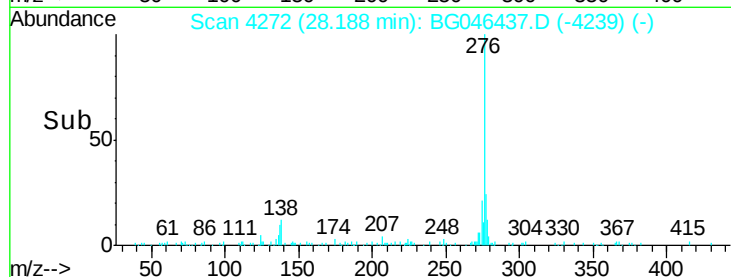
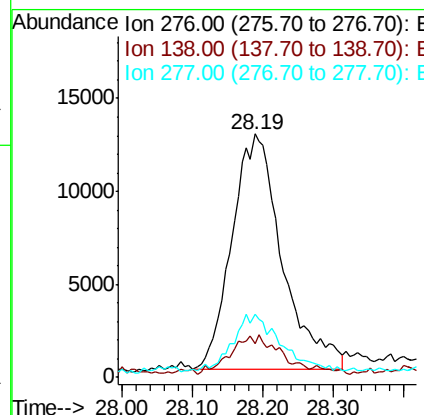
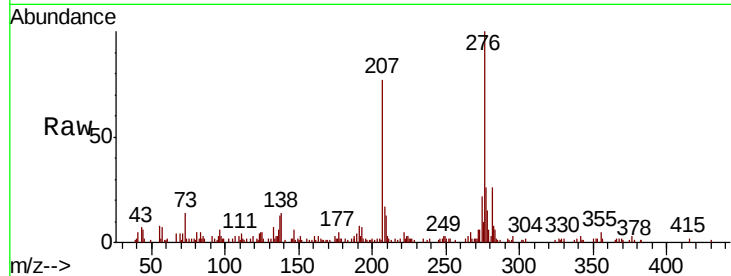
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.354 ng/ul m
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046437.D
 Acq: 22 Aug 2020 7:31

Instrument :
 BNA_G
 ClientSampleId :
 BFMX9

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.2	19.8
277	25.9	19.9	29.9

Manual Integrations
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#30
 Benzo(g,h,i)perylene
 Concen: 1.275 ng/ul
 RT: 29.29 min Scan# 4459
 Delta R.T. -0.00 min
 Lab File: BG046437.D
 Acq: 22 Aug 2020 7:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.9	19.3
277	19.7	19.4	29.0

