

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046412.D
 Acq On : 21 Aug 2020 14:00
 Operator : CG/JU
 Sample : L3635-14
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ0

Manual Integrations
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Quant Time: Aug 21 14:48:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	109679	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	440732	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	284090	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	609187	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	596047	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	660041	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	110956	14.62	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	396771	15.18	ng/ul	0.00
10) Fluorene-d10	15.56	176	319654	15.96	ng/ul	0.00
15) Anthracene-d10	17.41	188	454110	16.08	ng/ul	0.00
19) Pyrene-d10	19.70	212	490590	15.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	527836	14.65	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Phenanthrene	17.35	178	232655	6.942	ng/ul	98
16) Anthracene	17.44	178	38039	1.125	ng/ul	96
17) Fluoranthene	19.37	202	498146	13.330	ng/ul	98
20) Pyrene	19.72	202	462946	11.833	ng/ul	100
21) Benzo(a)anthracene	21.54	228	265723	6.852	ng/ul	98
22) Chrysene	21.60	228	295940	7.894	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	407318	9.332	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	128920m	2.978	ng/ul	
27) Benzo(a)pyrene	24.53	252	249865	6.236	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.20	276	161004	3.209	ng/ul	99
29) Dibenzo(a,h)anthracene	28.24	278	43799	1.077	ng/ul#	87
30) Benzo(a,h,i)perylene	29.29	276	134898	3.213	ng/ul	98

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

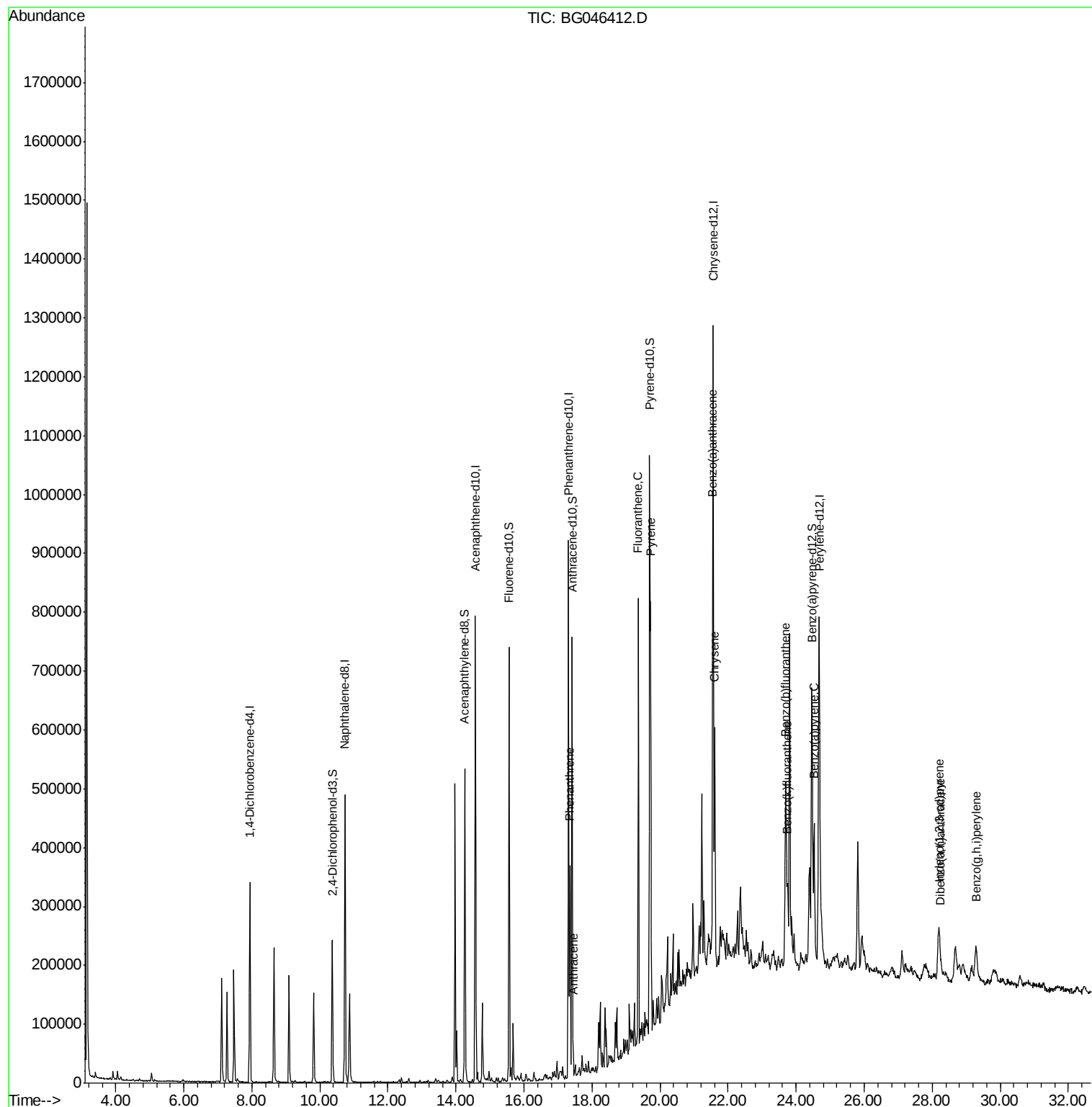
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046412.D
Acq On : 21 Aug 2020 14:00
Operator : CG/JU
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Misc :
ALS Vial : 76 Sample Multiplier: 1

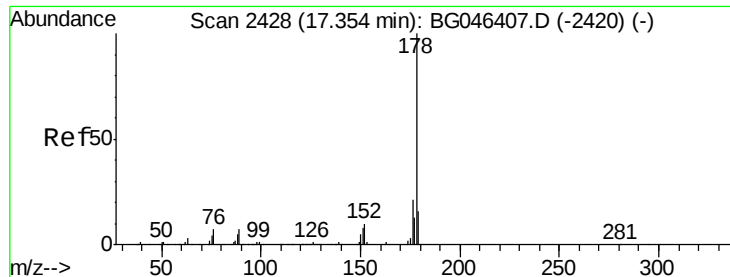
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 21 14:48:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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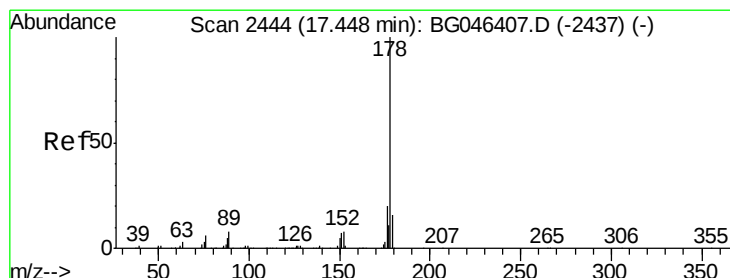
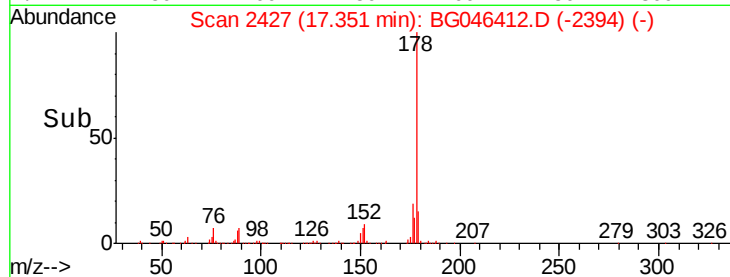
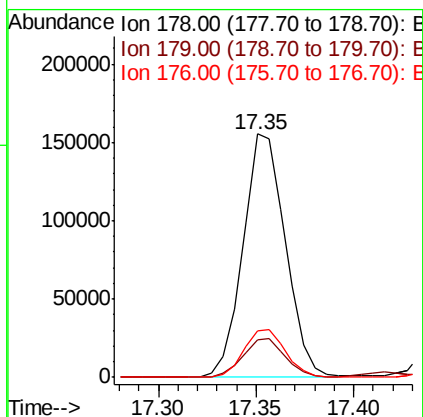
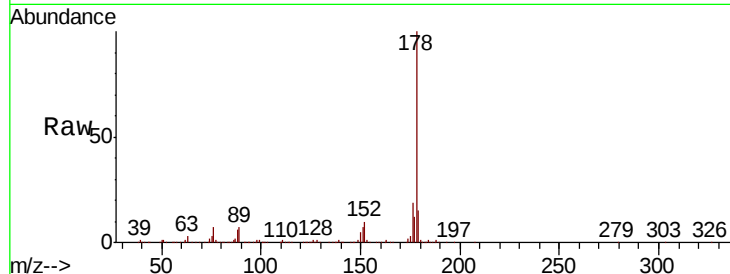
#14
Phenanthrene
Concen: 6.942 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampleId :
BFMJ0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	15.8	23.8

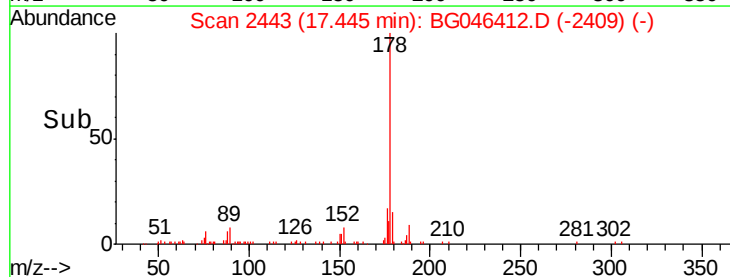
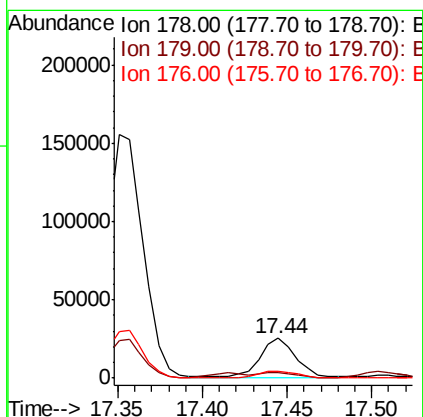
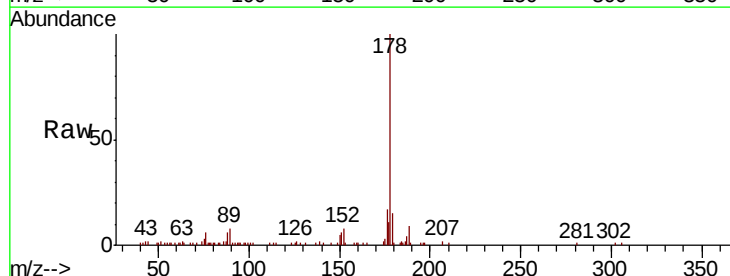
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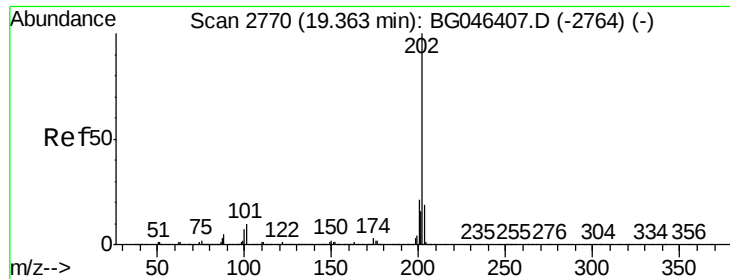
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#16
Anthracene
Concen: 1.125 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.2	19.8
176	17.1	15.2	22.8





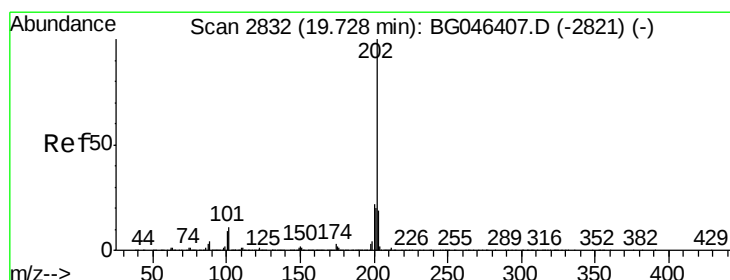
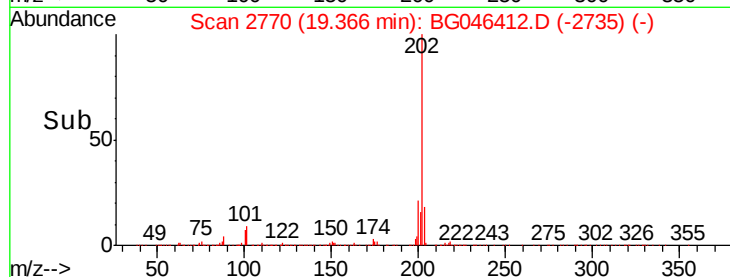
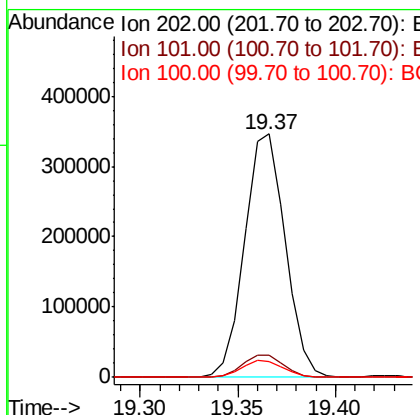
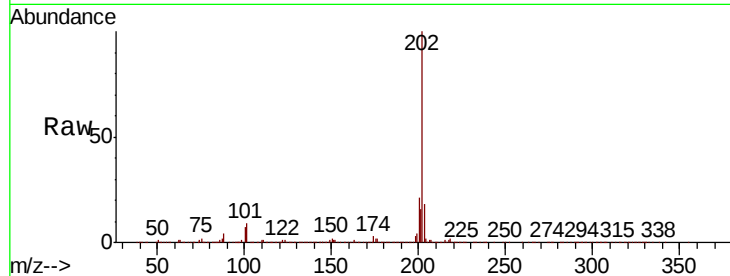
#17
Fluoranthene
Concen: 13.330 ng/ul
RT: 19.37 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampleId :
BFMJ0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		498146		
101	8.9	7.8	11.6		
100	6.6	5.9	8.9		

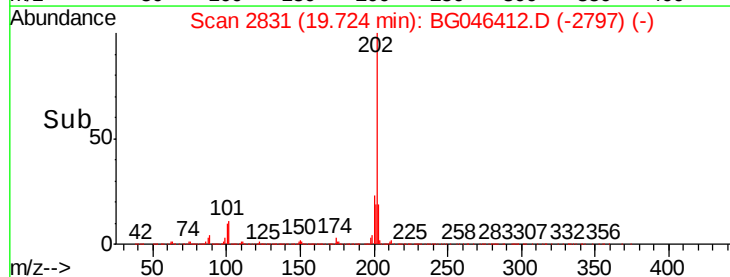
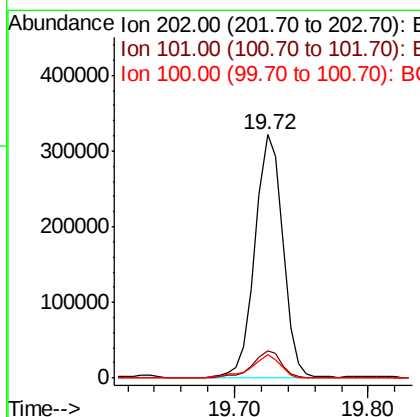
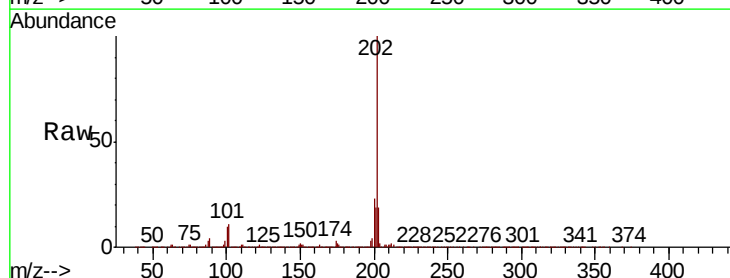
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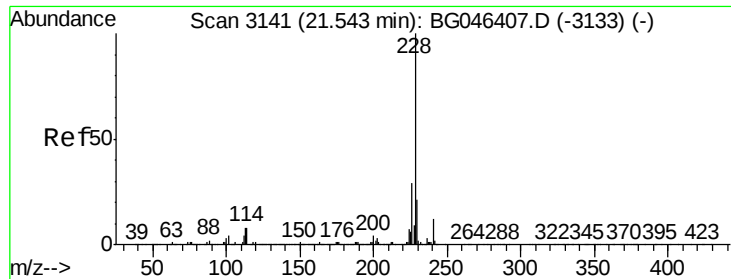
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#20
Pyrene
Concen: 11.833 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		462946		
101	11.2	8.9	13.3		
100	9.6	7.9	11.9		





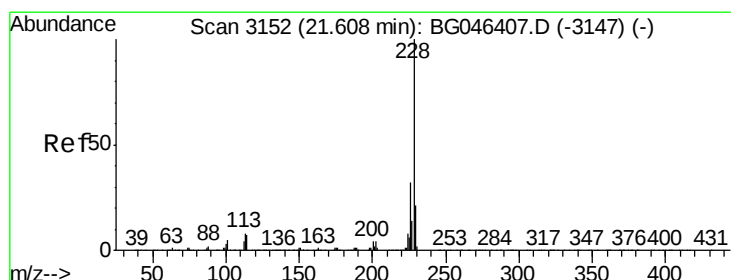
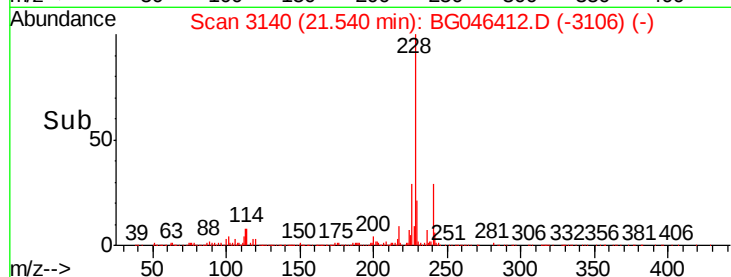
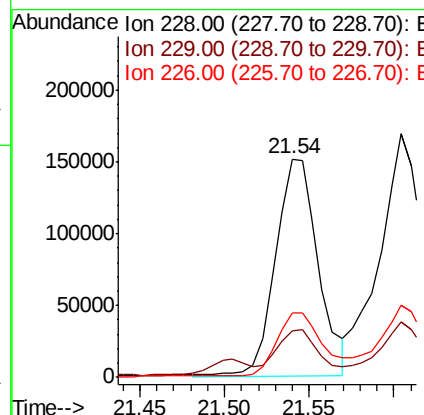
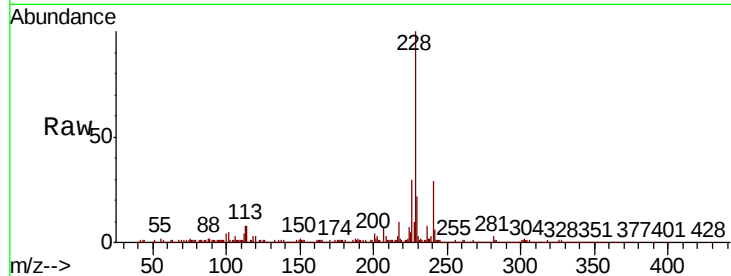
#21
Benzo(a)anthracene
Concen: 6.852 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampled :
BFMJ0

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	29.6	22.6	33.8

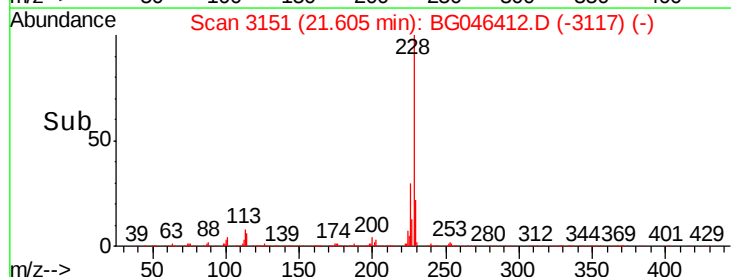
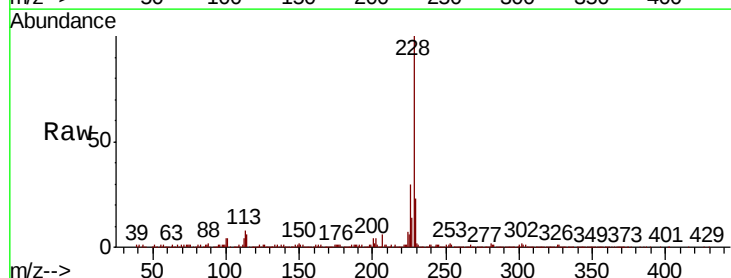
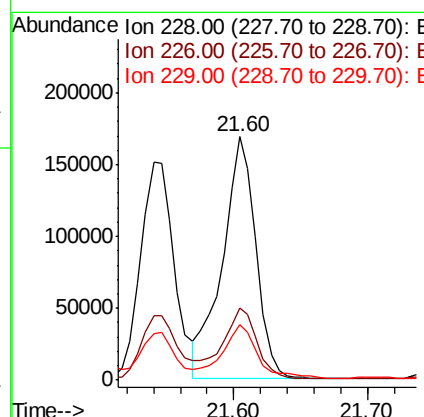
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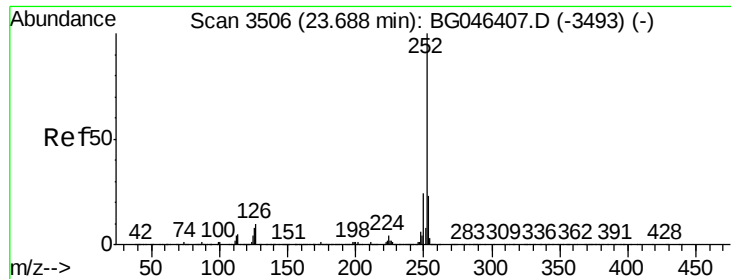
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#22
Chrysene
Concen: 7.894 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.5	38.3
229	22.6	17.0	25.4





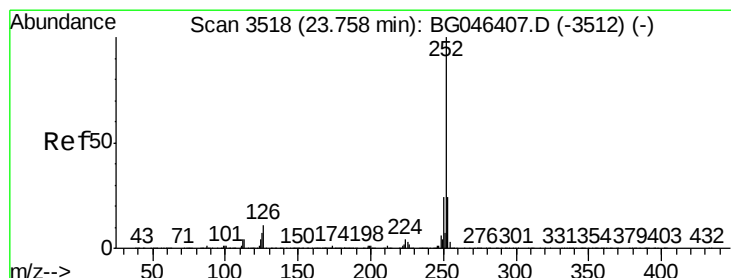
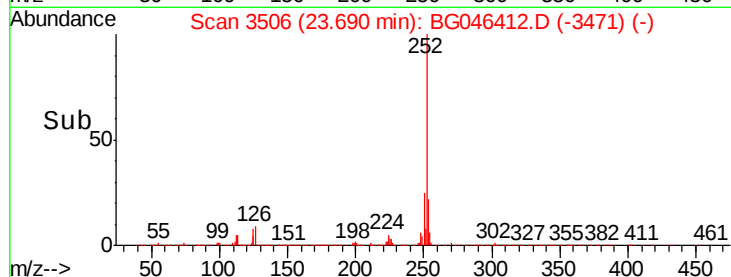
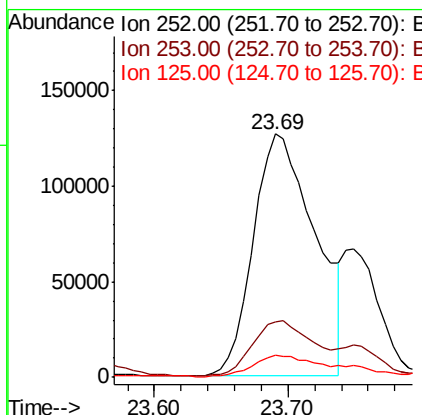
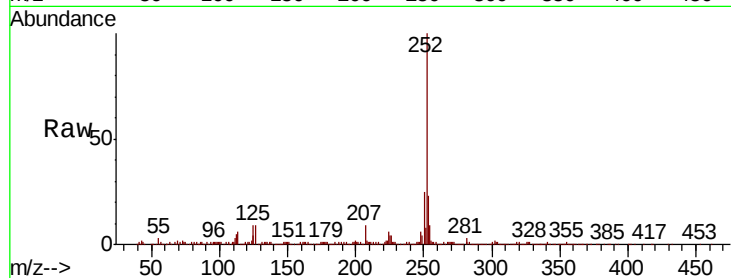
#24
Benzo(b)fluoranthene
Concen: 9.332 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampleId :
BFMJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.9	6.4	9.6

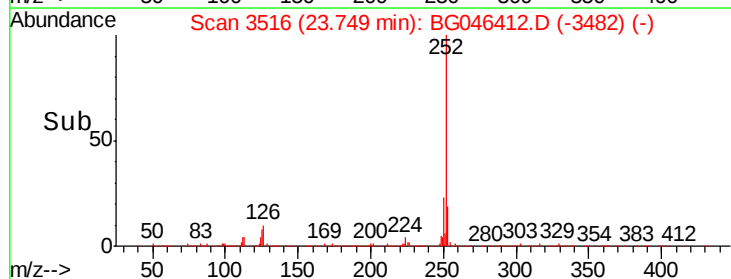
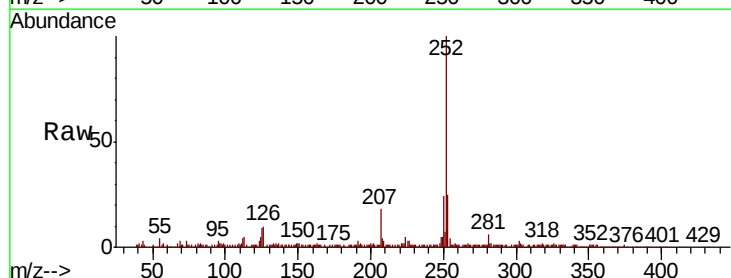
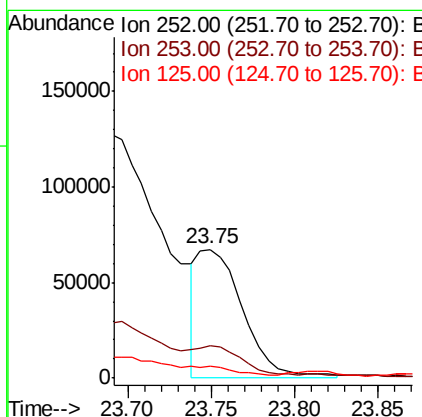
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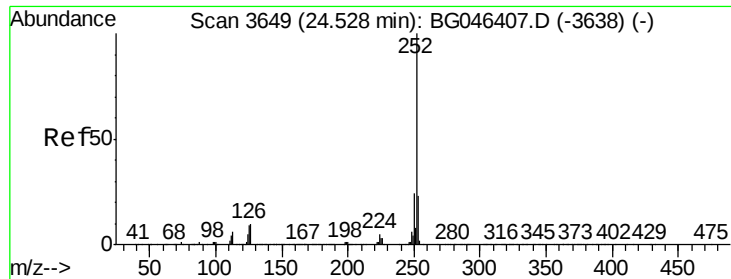
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#25
Benzo(k)fluoranthene
Concen: 2.978 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	9.3	6.2	9.2#





#27

Benzo(a)pyrene

Concen: 6.236 ng/ul

RT: 24.53 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BG046412.D

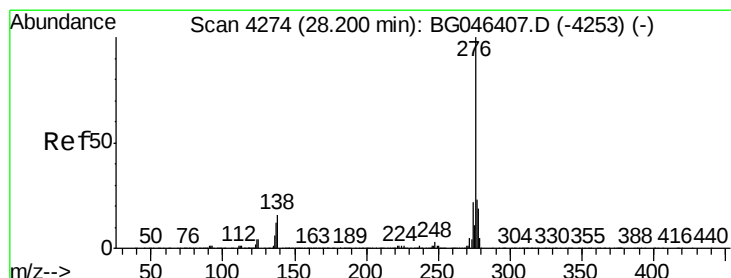
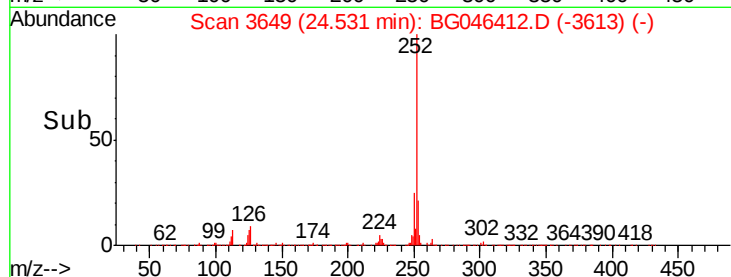
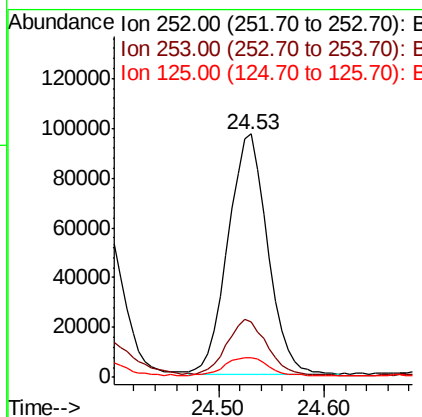
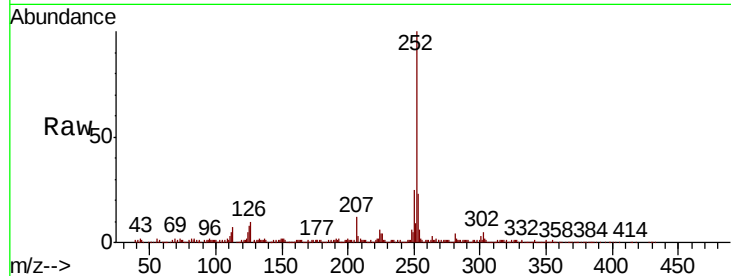
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampleId :
BFMJ0

Tot Ion:	252	Resp:	249865
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	8.1	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.209 ng/ul

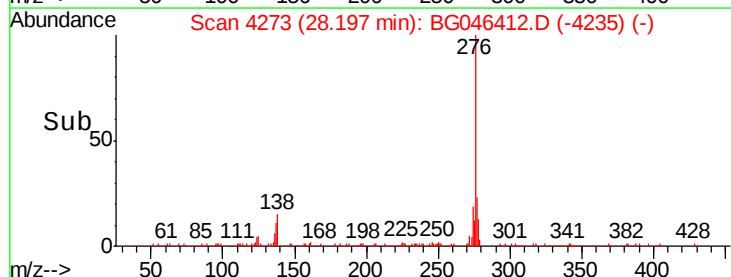
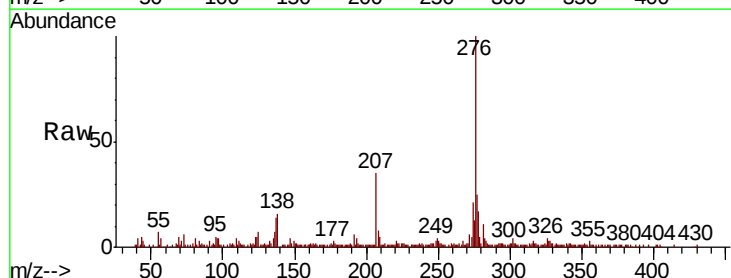
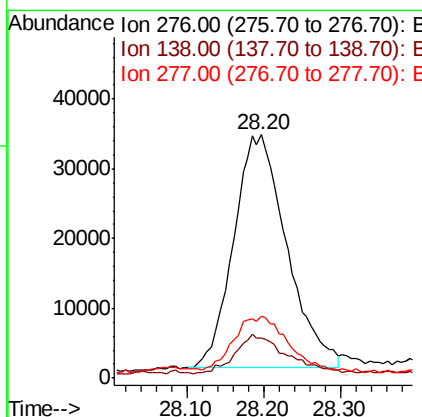
RT: 28.20 min Scan# 4273

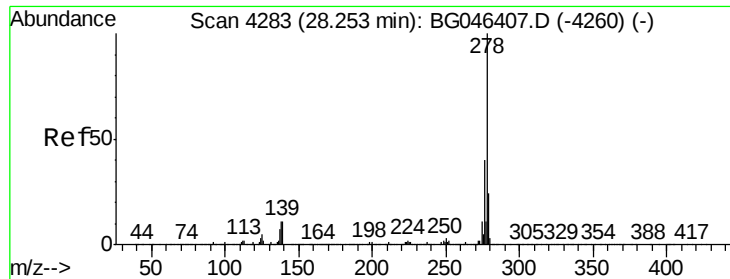
Delta R.T. 0.03 min

Lab File: BG046412.D

Acq: 21 Aug 2020 14:00

Tgt Ion:	276	Resp:	161004
Ion Ratio	Lower	Upper	
276	100		
138	16.4	13.2	19.8
277	25.3	19.9	29.9





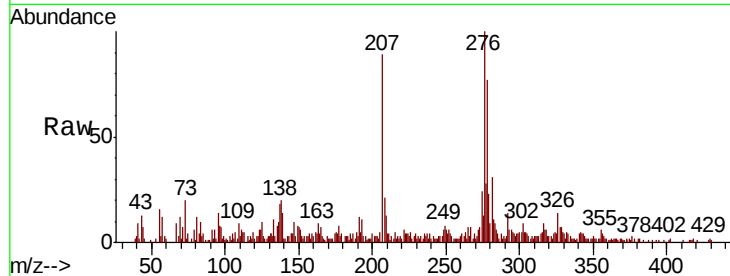
#29
Dibenzo(a,h)anthracene
Concen: 1.077 ng/ul
RT: 28.24 min Scan# 4281
Delta R.T. 0.01 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Instrument :
BNA_G
ClientSampled :
BFMJ0

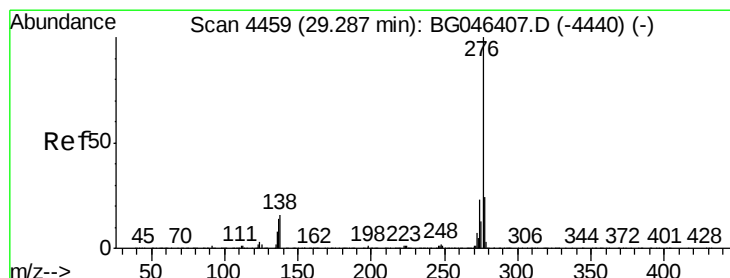
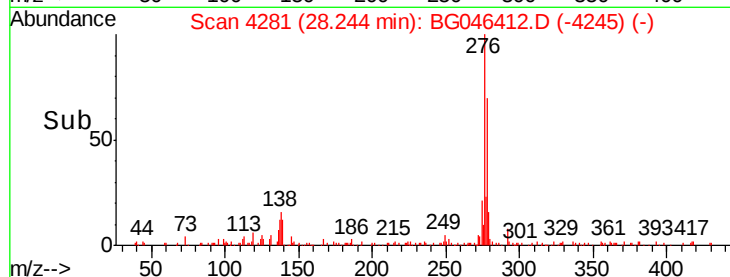
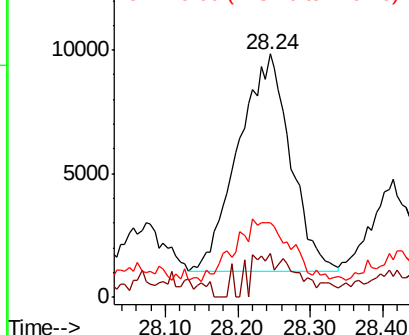
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	9.8	14.8#
279	30.6	19.7	29.5#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#30
Benzo(g,h,i)perylene
Concen: 3.213 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG046412.D
Acq: 21 Aug 2020 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	12.9	19.3
277	24.0	19.4	29.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

