

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046347.D
 Acq On : 19 Aug 2020 14:44
 Operator : CG/JU
 Sample : L3633-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMD9

Manual Integrations
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Quant Time: Aug 19 15:54:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 11:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	110635	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	439799	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	290757	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	661224	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	665408	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	718995	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	155382	20.52	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	598507	22.37	ng/ul	0.00
10) Fluorene-d10	15.56	176	461017	22.48	ng/ul	0.00
15) Anthracene-d10	17.41	188	712377	23.24	ng/ul	0.00
19) Pyrene-d10	19.69	212	817514	23.87	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	919377	23.43	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	351939	9.675	ng/ul	99
16) Anthracene	17.44	178	79664	2.170	ng/ul	98
17) Fluoranthene	19.36	202	656498	16.185	ng/ul	99
20) Pyrene	19.72	202	615018	14.081	ng/ul	98
21) Benzo(a)anthracene	21.54	228	482766	11.151	ng/ul	98
22) Chrysene	21.60	228	462837	11.059	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	729959	15.353	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	282879m	5.998	ng/ul	
27) Benzo(a)pyrene	24.52	252	601275	13.775	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	429051	7.850	ng/ul	97
29) Dibenzo(a,h)anthracene	28.21	278	138702	3.130	ng/ul	97
30) Benzo(a,h,i)perylene	29.27	276	327093m	7.151	ng/ul	

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

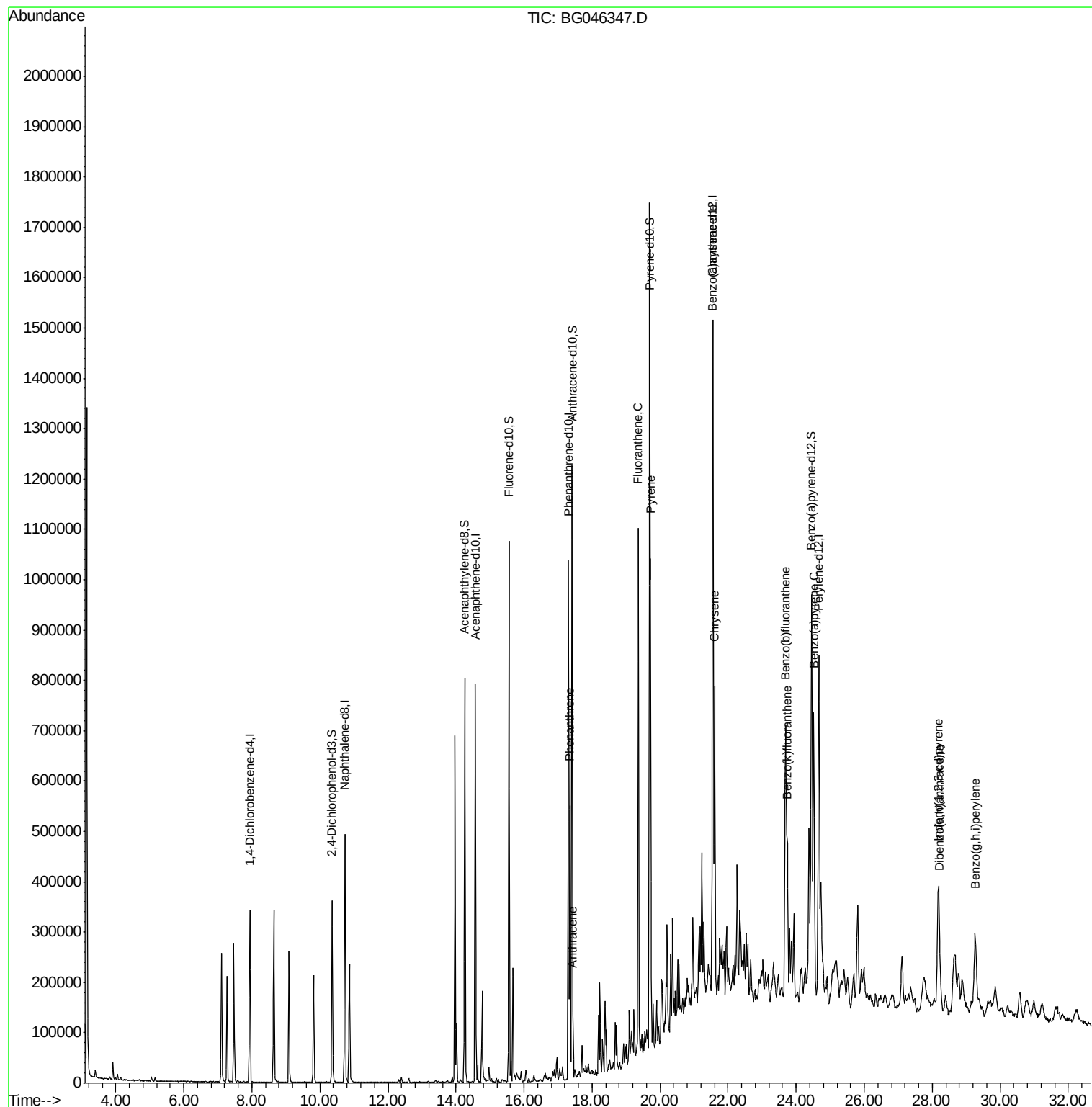
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046347.D
Acq On : 19 Aug 2020 14:44
Operator : CG/JU
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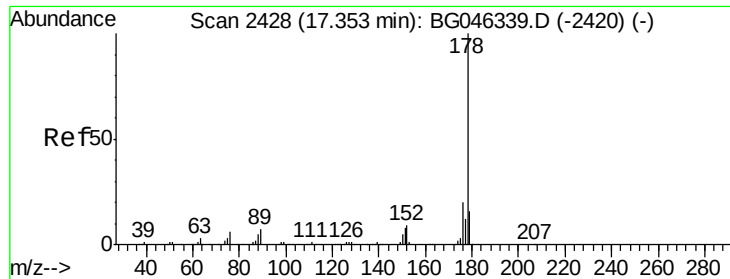
Instrument :
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ClientSampleId :
BFMD9

Quant Time: Aug 19 15:54:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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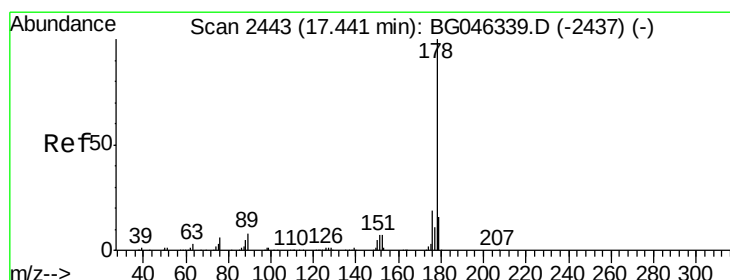
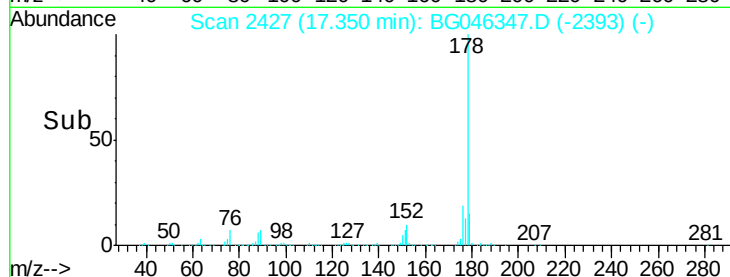
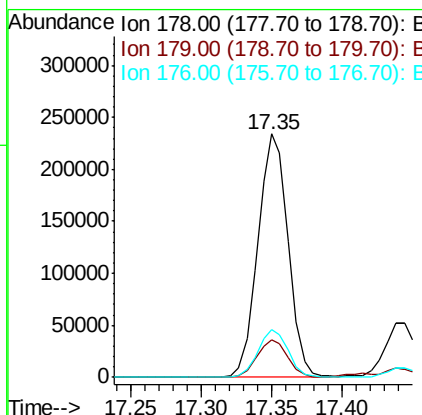
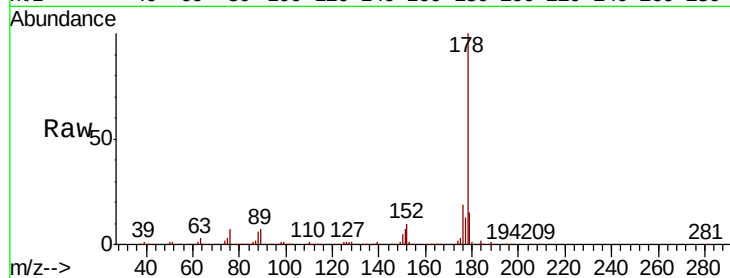
#14
Phenanthrene
Concen: 9.675 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.4	15.8	23.8

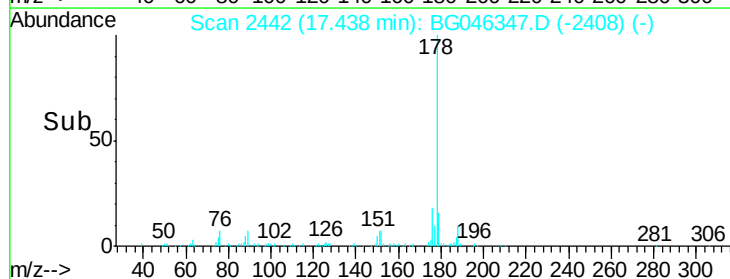
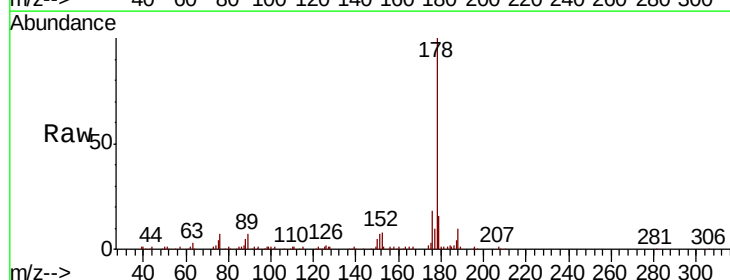
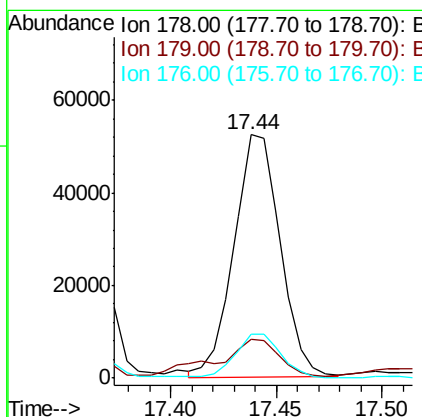
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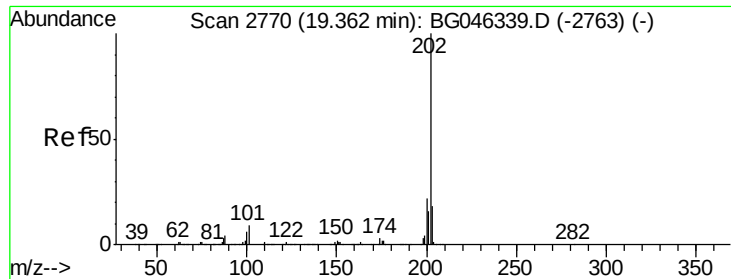
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#16
Anthracene
Concen: 2.170 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	18.0	15.2	22.8





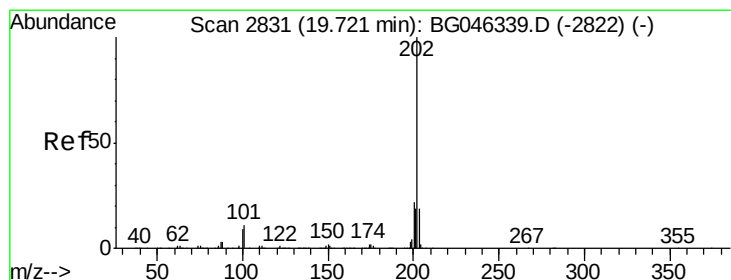
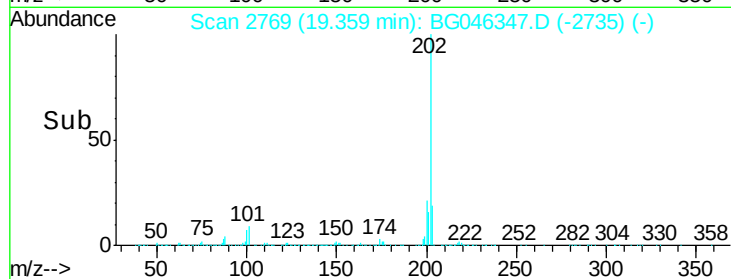
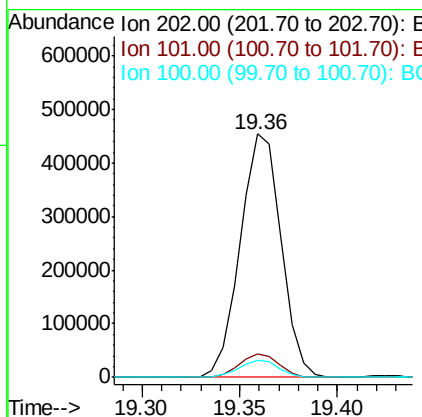
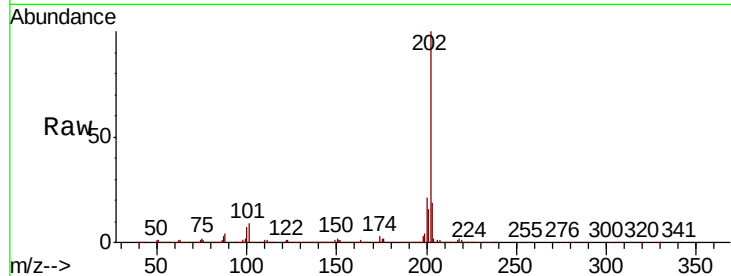
#17
Fluoranthene
Concen: 16.185 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		656498		
101	9.4	7.8	11.6		
100	7.1	5.9	8.9		

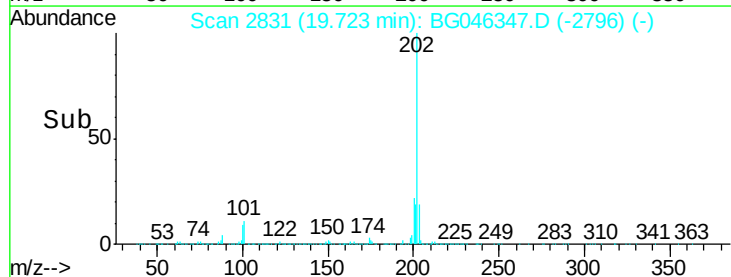
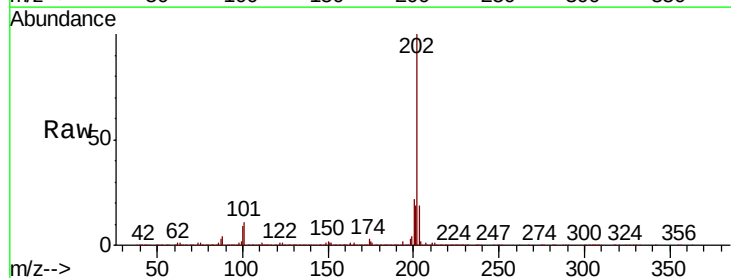
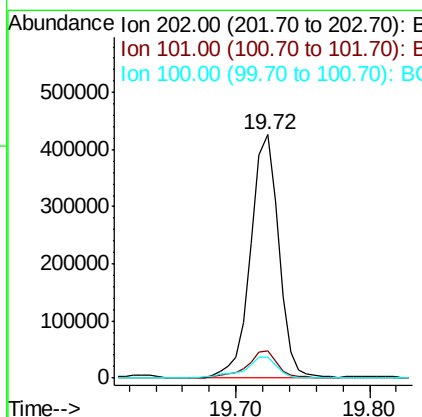
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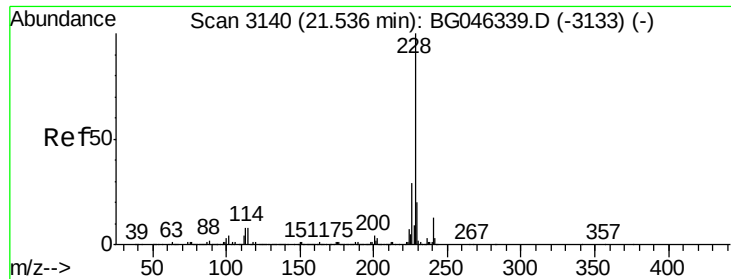
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#20
Pyrene
Concen: 14.081 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		615018		
101	11.4	8.9	13.3		
100	8.7	7.9	11.9		





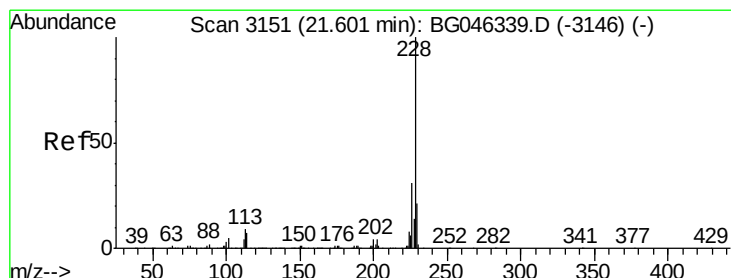
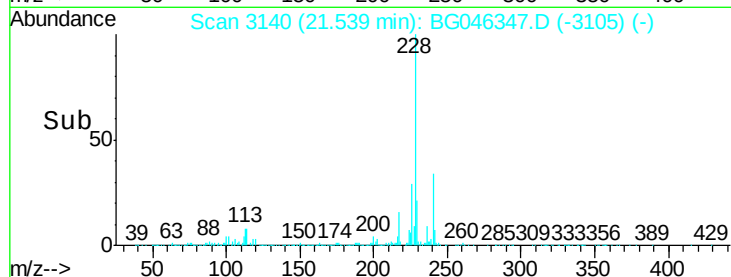
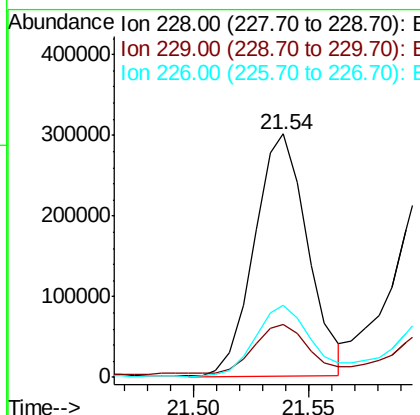
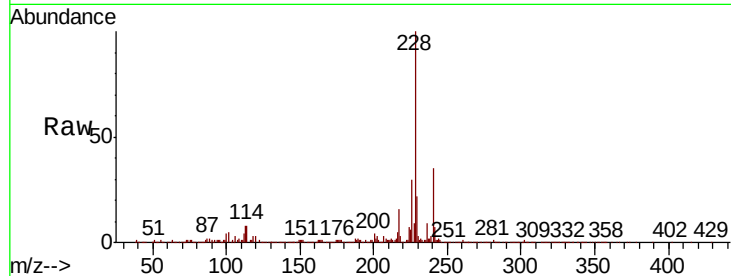
#21
Benzo(a)anthracene
Concen: 11.151 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	29.6	22.6	33.8

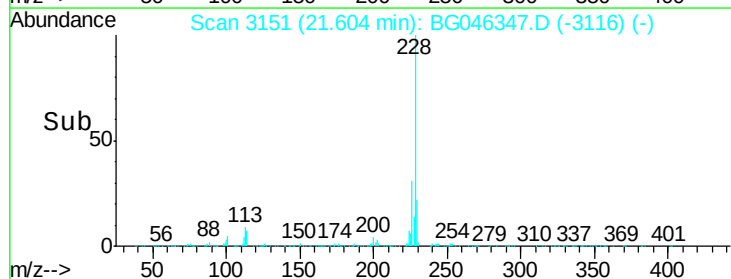
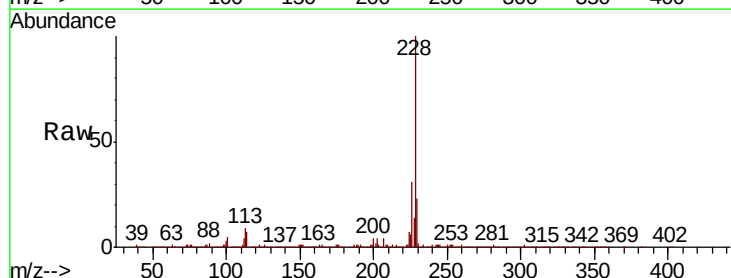
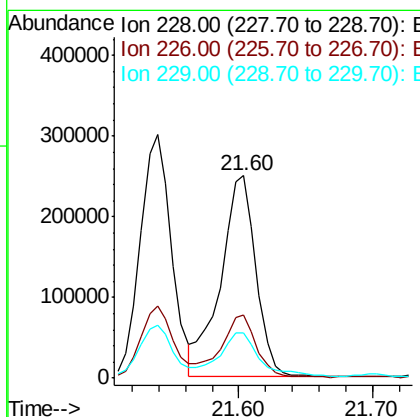
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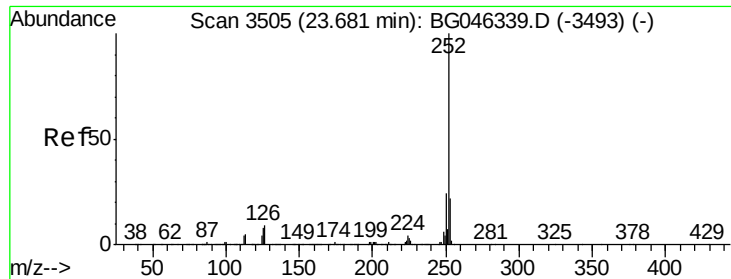
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#22
Chrysene
Concen: 11.059 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	22.6	17.0	25.4





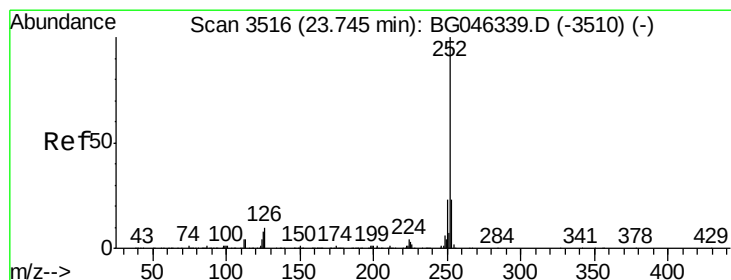
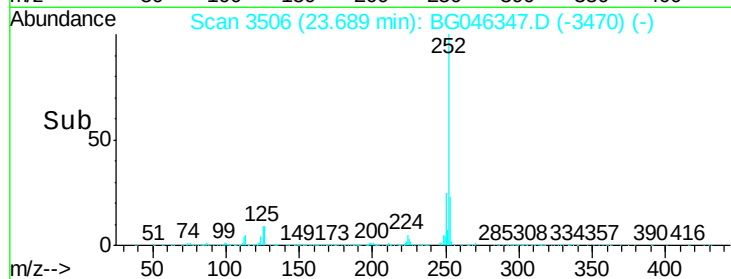
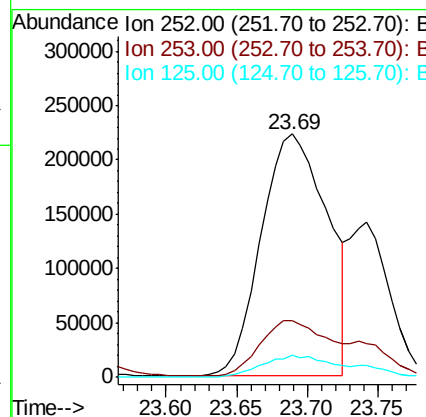
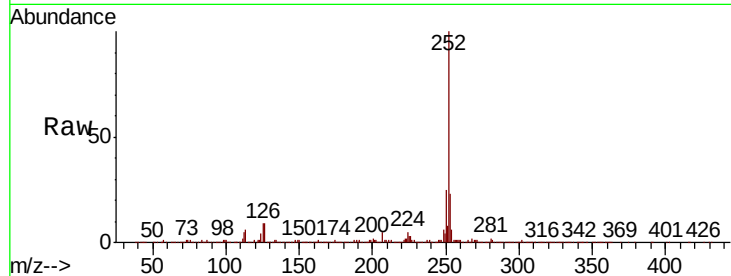
#24
Benzo(b)fluoranthene
Concen: 15.353 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	8.9	6.4	9.6

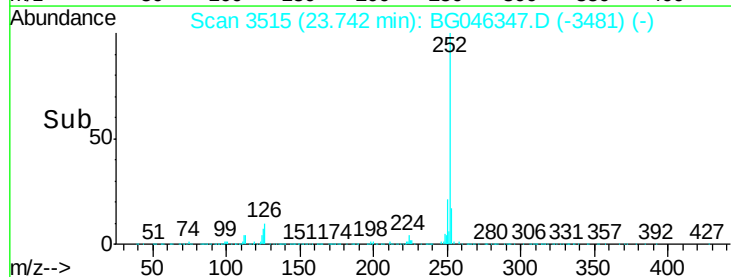
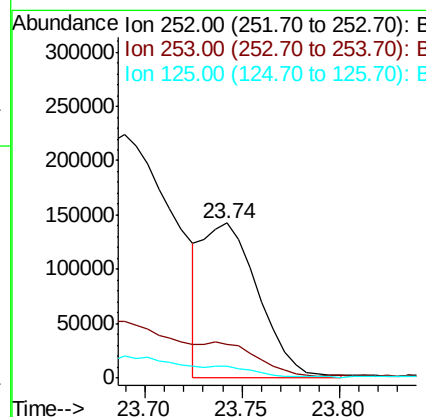
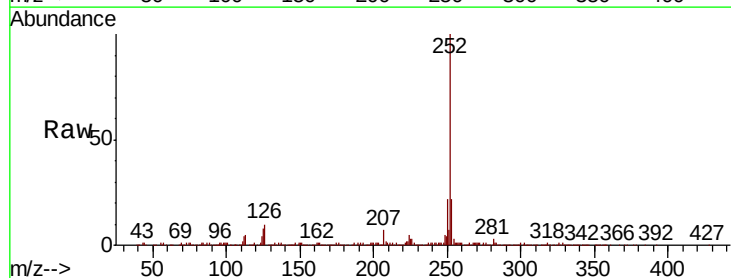
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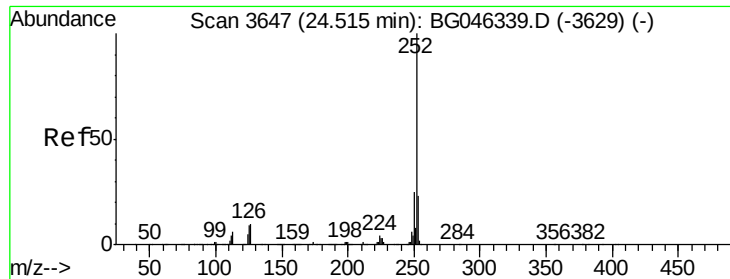
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#25
Benzo(k)fluoranthene
Concen: 5.998 ng/ul m
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	7.7	6.2	9.2





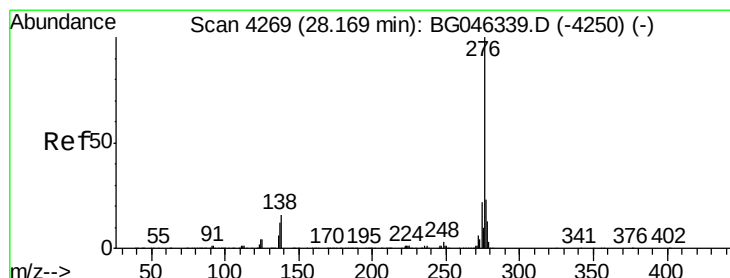
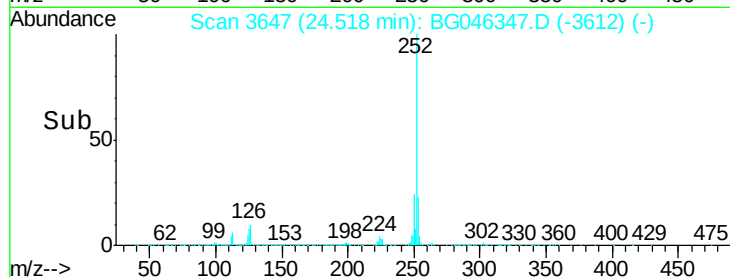
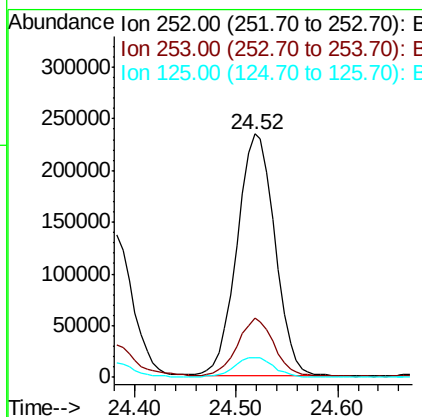
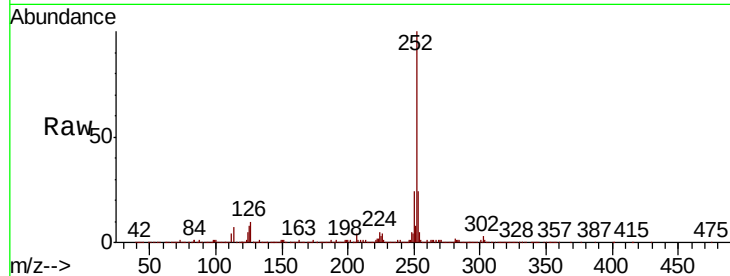
#27
Benzo(a)pyrene
Concen: 13.775 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	8.2	7.1	10.7

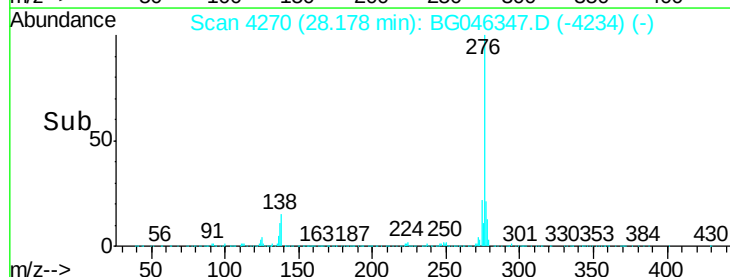
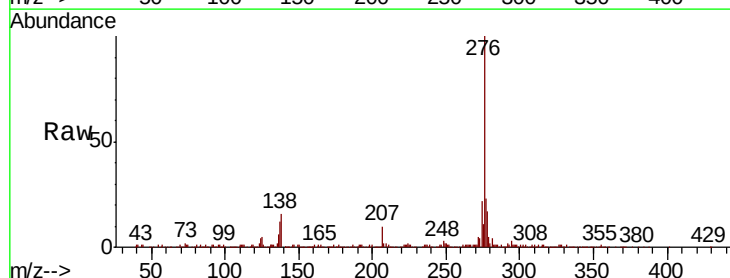
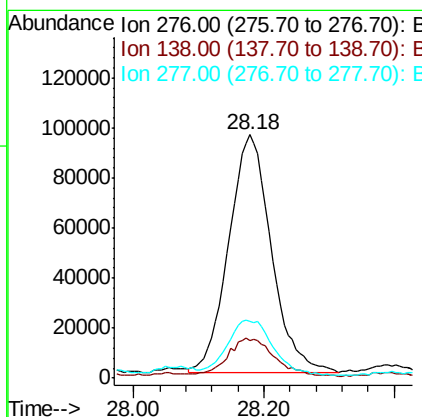
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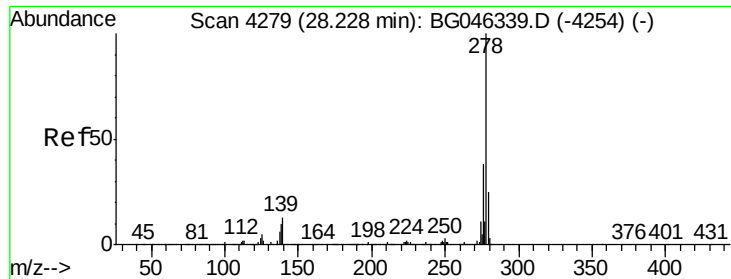
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#28
Indeno(1,2,3-cd)pyrene
Concen: 7.850 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. 0.01 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.2	19.8
277	23.5	19.9	29.9





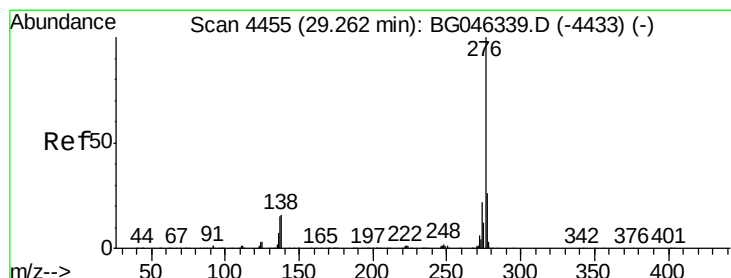
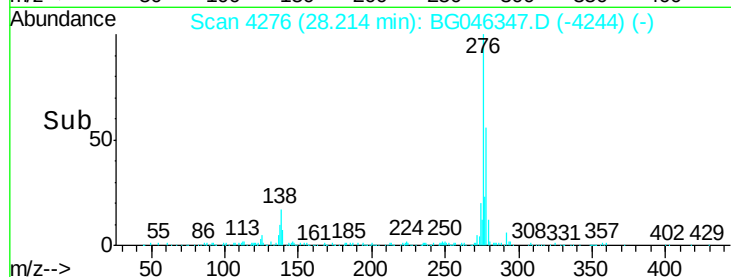
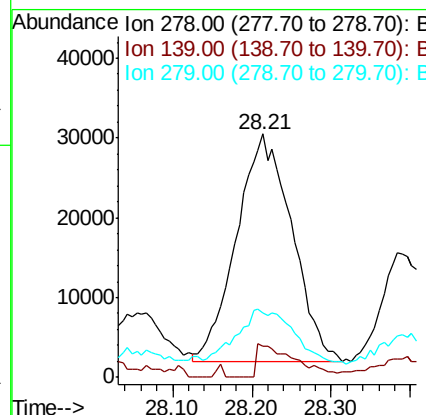
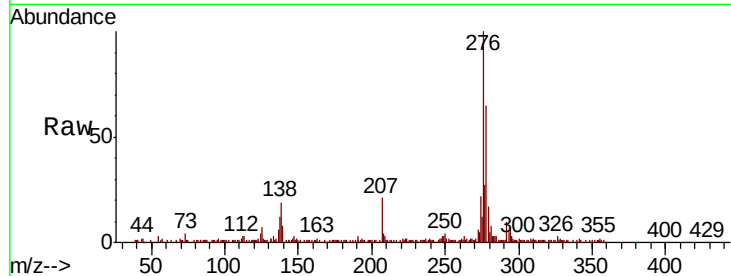
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Dibenzo(a,h)anthracene
Concen: 3.130 ng/ul
RT: 28.21 min Scan# 4276
Delta R.T. -0.01 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
BFMD9

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.8	14.8
279	26.4	19.7	29.5

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#30
Benzo(g,h,i)perylene
Concen: 7.151 ng/ul m
RT: 29.27 min Scan# 4456
Delta R.T. 0.01 min
Lab File: BG046347.D
Acq: 19 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	24.4	19.4	29.0

