

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046268.D
 Acq On : 14 Aug 2020 4:27
 Operator : CG/JU
 Sample : L3629-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM62

Manual Integrations
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Quant Time: Aug 14 13:08:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	110983	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	428933	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	269979	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	591179	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	584523	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	615904	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	94716	12.82	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	369396	14.87	ng/ul	0.00
10) Fluorene-d10	15.57	176	279791	14.70	ng/ul	0.00
15) Anthracene-d10	17.41	188	403358	14.72	ng/ul	0.00
19) Pyrene-d10	19.70	212	444367	14.77	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	468875	13.95	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	201843	6.206	ng/ul	99
17) Fluoranthene	19.37	202	439032	12.106	ng/ul	99
20) Pyrene	19.73	202	387003	10.086	ng/ul	97
21) Benzo(a)anthracene	21.55	228	219044	5.760	ng/ul	100
22) Chrysene	21.61	228	234708	6.384	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	308234	7.568	ng/ul	100
25) Benzo(k)fluoranthene	23.75	252	114279m	2.829	ng/ul	
27) Benzo(a)pyrene	24.52	252	203580	5.445	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	152844	3.265	ng/ul	98
29) Dibenzo(a,h)anthracene	28.24	278	46816m	1.233	ng/ul	
30) Benzo(g,h,i)perylene	29.27	276	122413	3.124	ng/ul	96

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

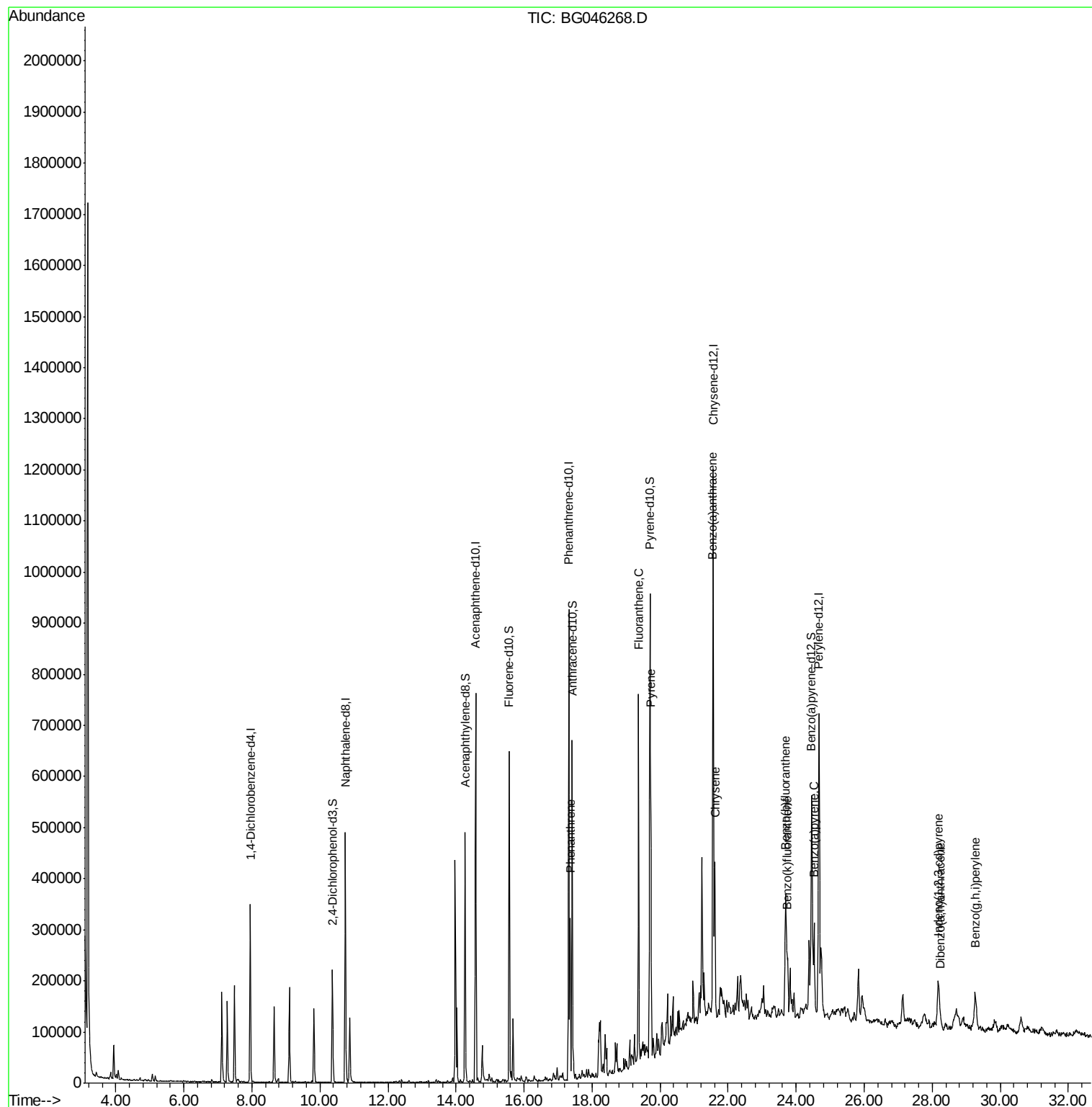
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046268.D
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ALS Vial : 22 Sample Multiplier: 1

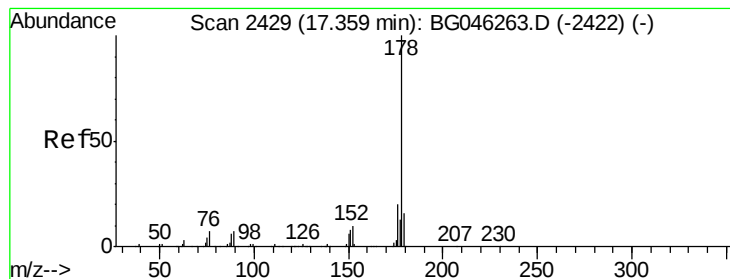
Instrument :
BNA_G
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Quant Time: Aug 14 13:08:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#14

Phenanthrene

Concen: 6.206 ng/ul

RT: 17.36 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Instrument :

BNA_G

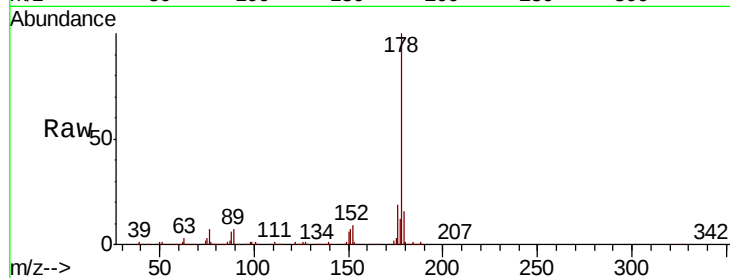
ClientSampleId :

BFM62

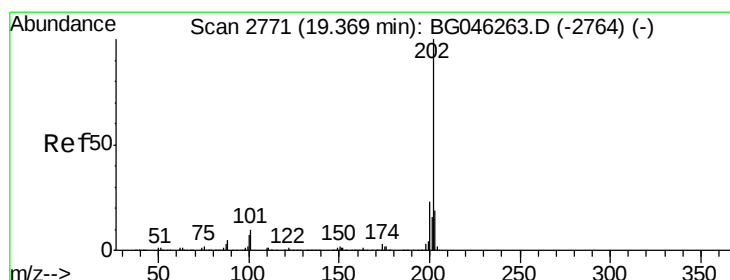
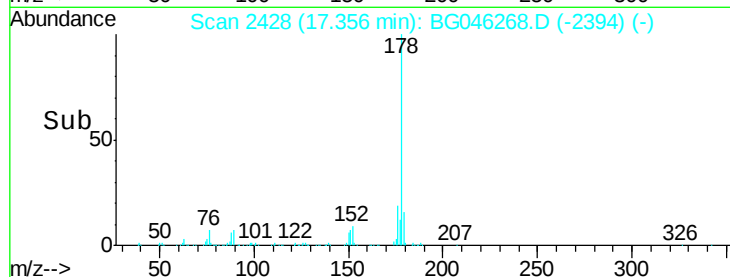
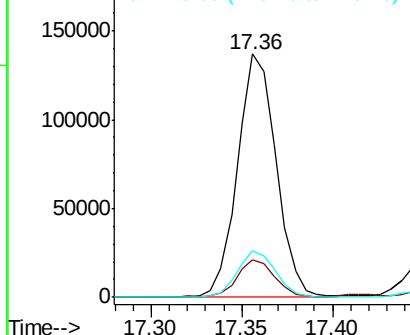
Tot Ion:	178	Resp:	201843
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.9	15.8	23.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 12.106 ng/ul

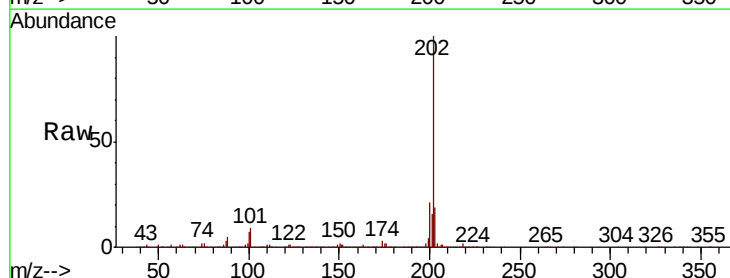
RT: 19.37 min Scan# 2770

Delta R.T. 0.00 min

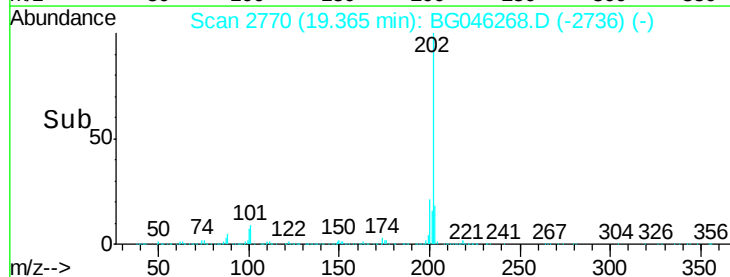
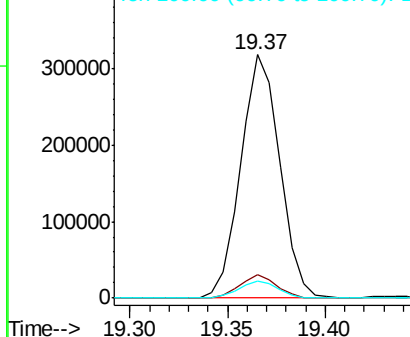
Lab File: BG046268.D

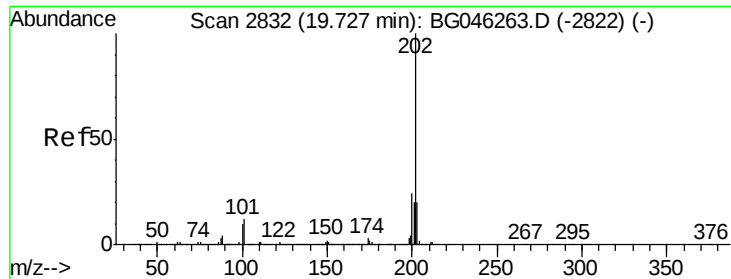
Acq: 14 Aug 2020 4:27

Tgt Ion:	202	Resp:	439032
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.8	11.6
100	7.2	5.9	8.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





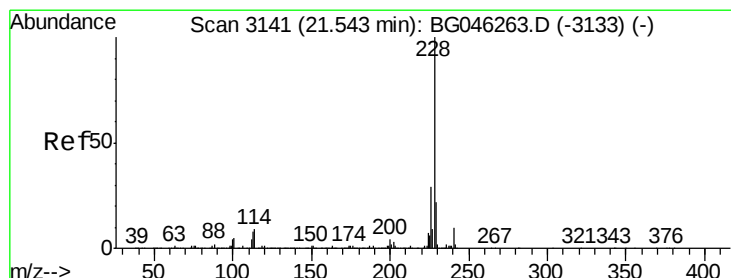
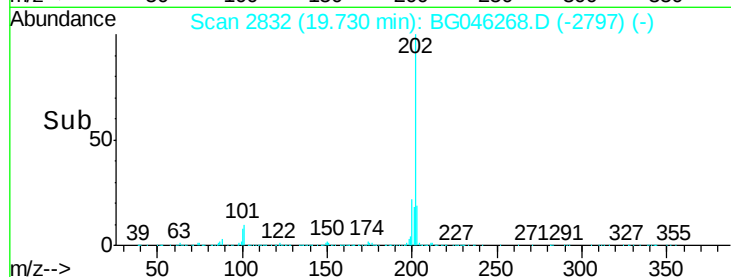
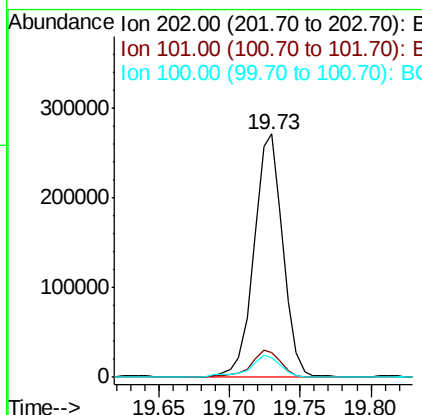
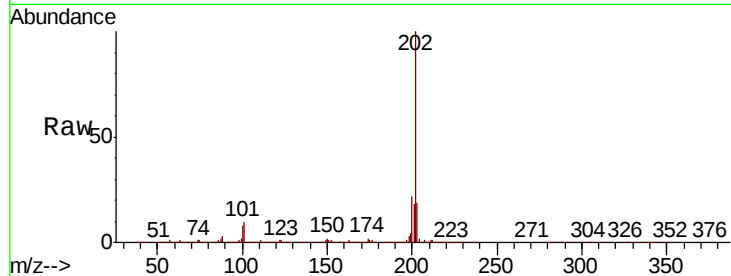
#20
Pvrene
Concen: 10.086 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046268.D
Acq: 14 Aug 2020 4:27

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		387003		
101	10.2	8.9	13.3		
100	8.3	7.9	11.9		

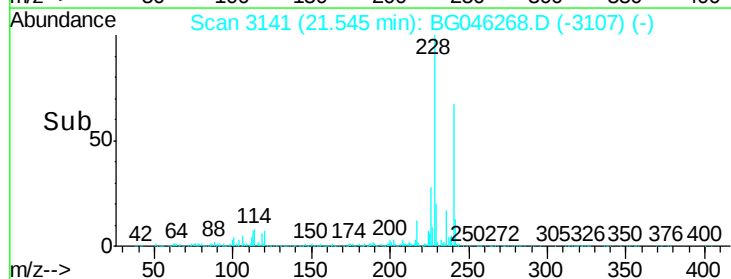
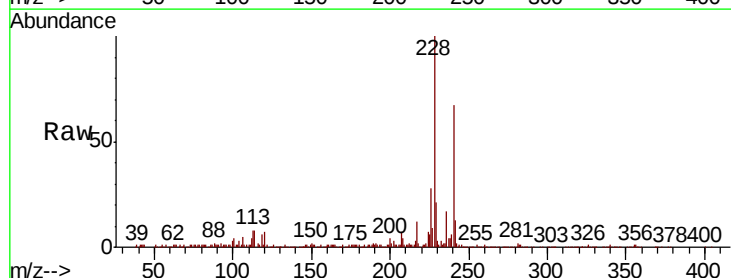
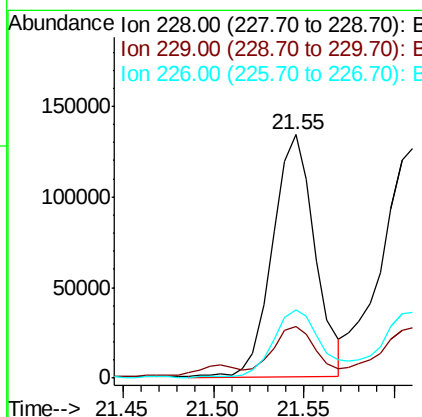
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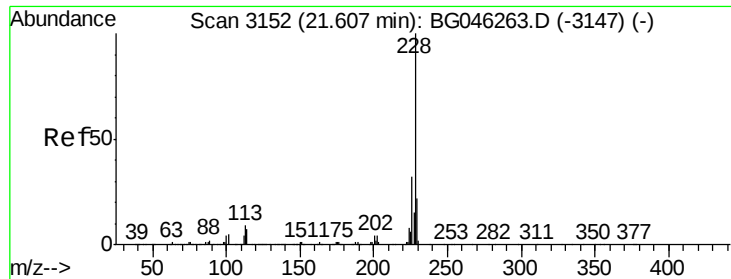
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#21
Benzo(a)anthracene
Concen: 5.760 ng/ul
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046268.D
Acq: 14 Aug 2020 4:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		219044		
229	21.1	16.6	25.0		
226	28.1	22.6	33.8		





#22

Chrysene

Concen: 6.384 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Instrument :

BNA_G

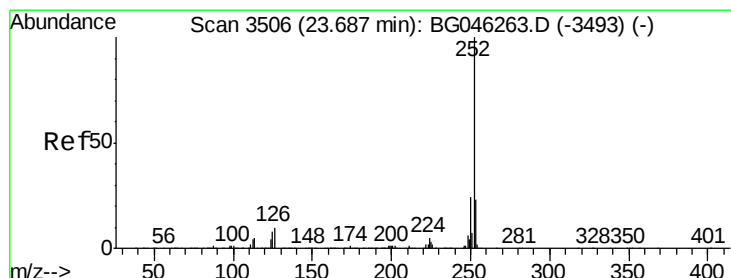
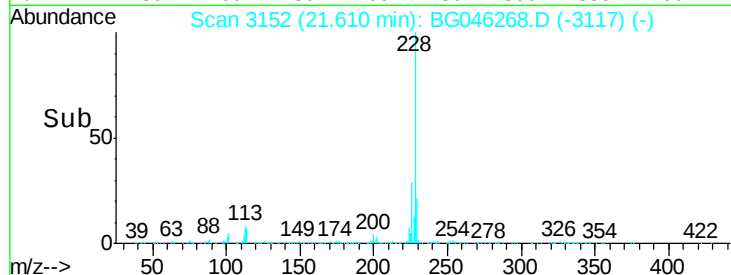
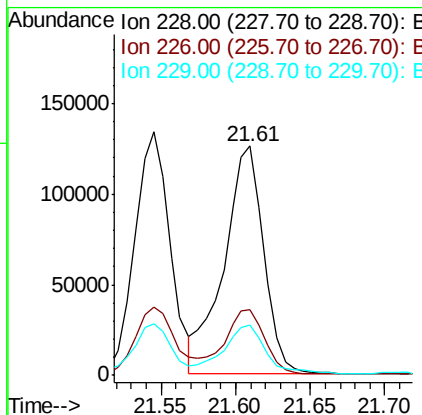
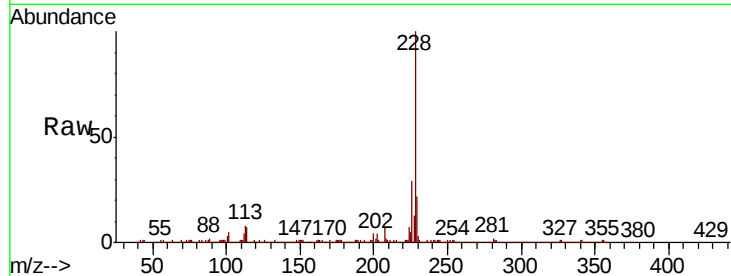
ClientSampleId :

BFM62

Tot Ion:	228	Resp:	234708
Ion Ratio		Lower	Upper
228	100		
226	28.8	25.5	38.3
229	22.1	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 7.568 ng/ul

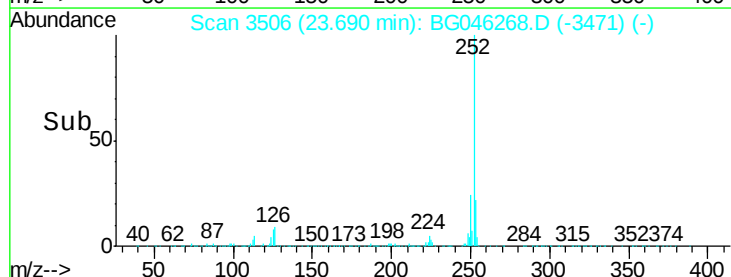
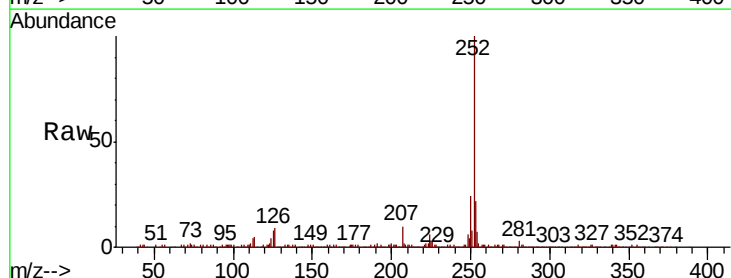
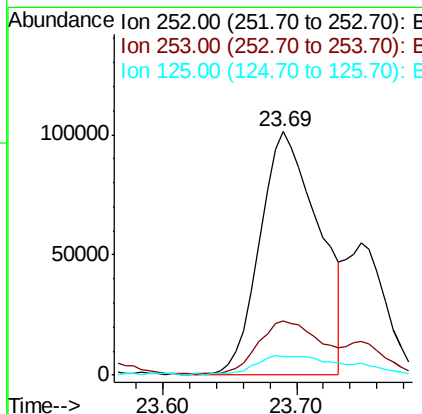
RT: 23.69 min Scan# 3506

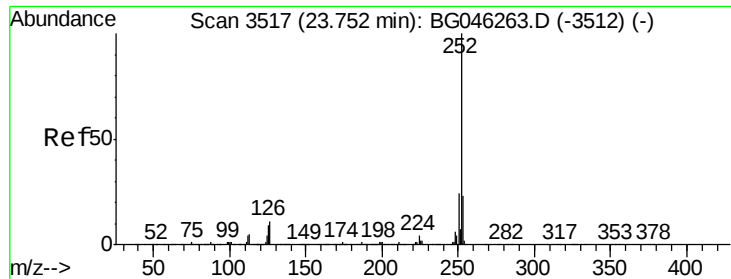
Delta R.T. 0.01 min

Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Tgt Ion:	252	Resp:	308234
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.8	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 2.829 ng/ul

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Instrument :

BNA_G

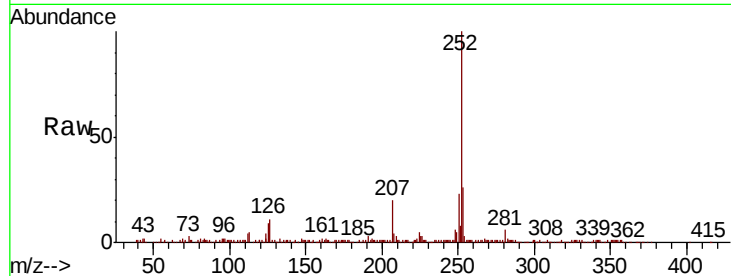
ClientSampled :

BFM62

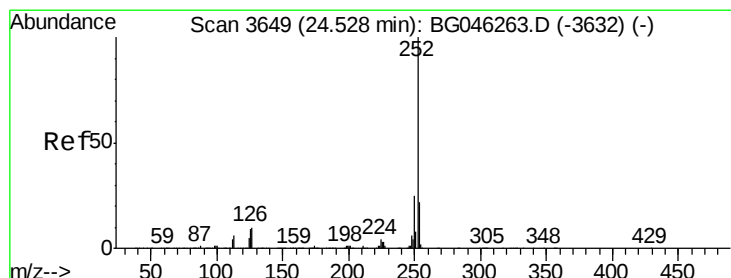
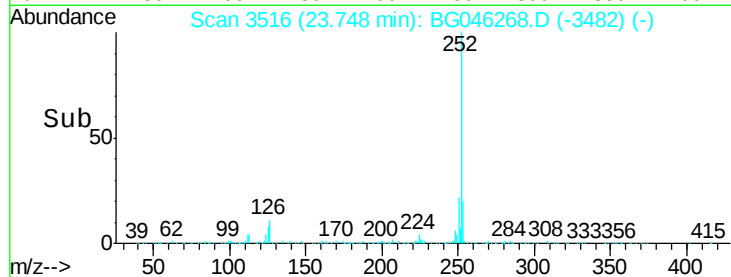
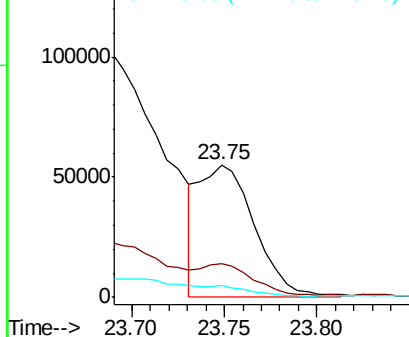
Tot Ion:	252	Resp:	114279
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.5	27.7
125	8.9	6.2	9.2

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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: 5.445 ng/ul

RT: 24.52 min Scan# 3648

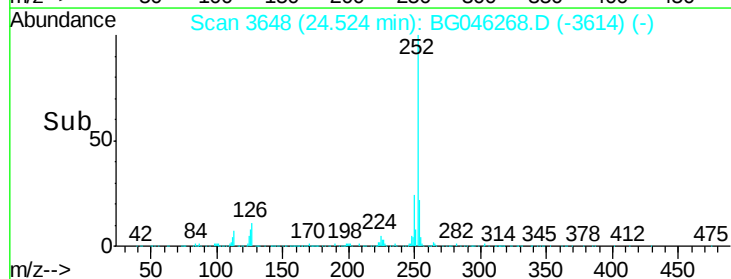
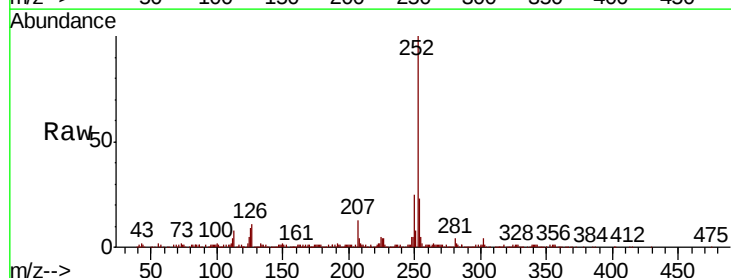
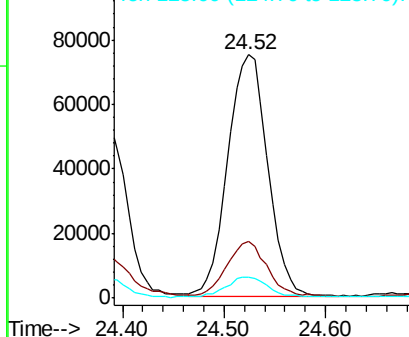
Delta R.T. 0.00 min

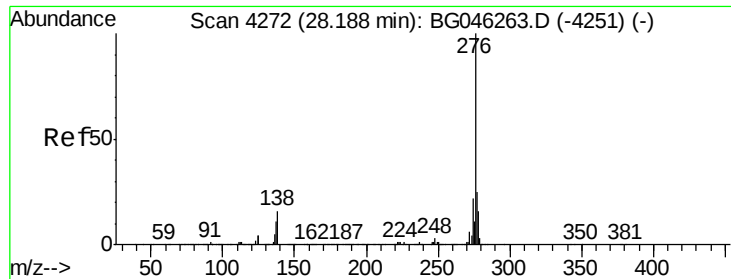
Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Tgt Ion:	252	Resp:	203580
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	8.7	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

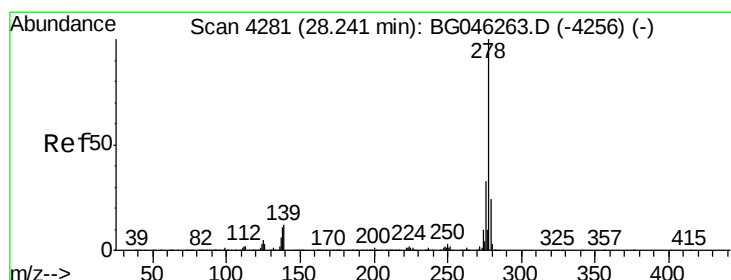
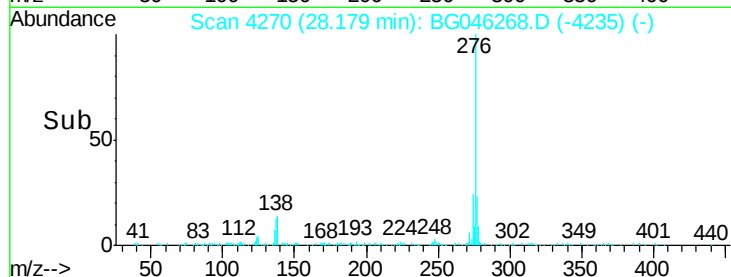
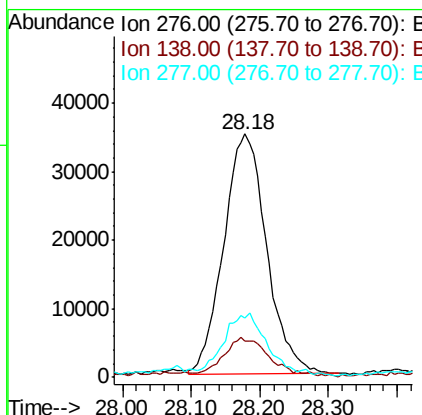
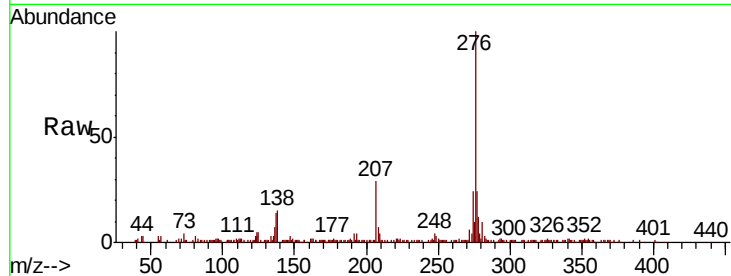
Indeno(1,2,3-cd)pyrene
Concen: 3.265 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. 0.01 min
Lab File: BG046268.D
Acq: 14 Aug 2020 4:27

Instrument :
BNA_G
ClientSampled :
BFM62

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.2	19.8
277	24.4	19.9	29.9

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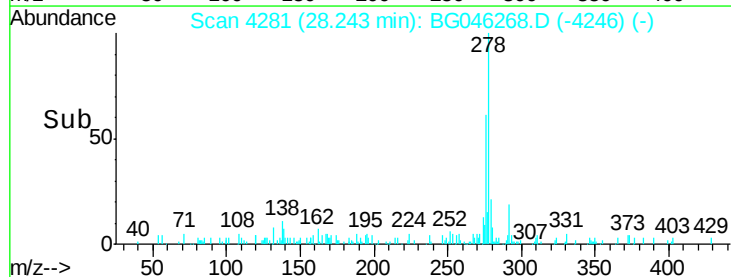
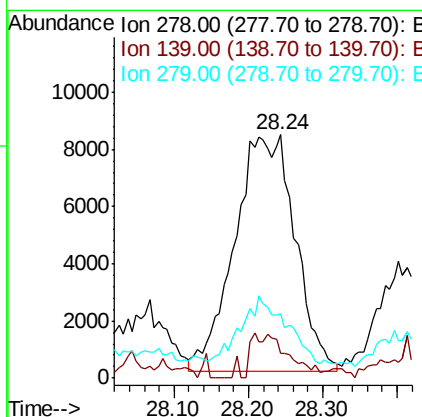
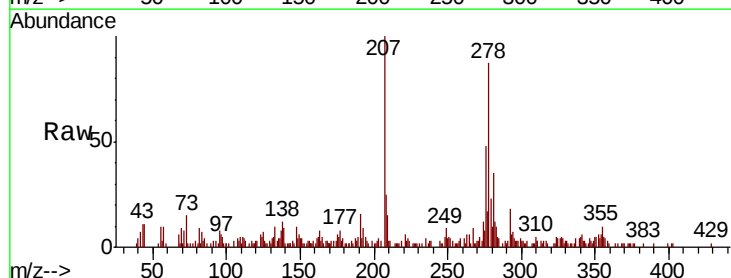
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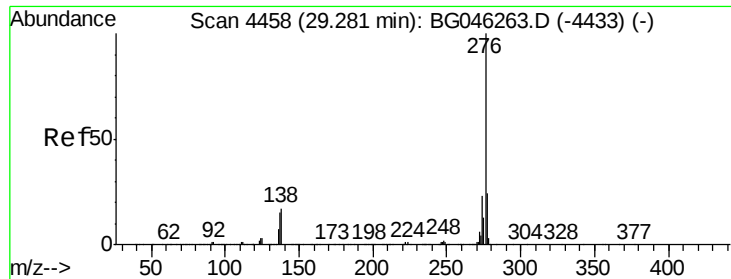


#29

Dibenzo(a,h)anthracene
Concen: 1.233 ng/ul m
RT: 28.24 min Scan# 4281
Delta R.T. 0.01 min
Lab File: BG046268.D
Acq: 14 Aug 2020 4:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.8	14.8
279	26.2	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 3.124 ng/ul

RT: 29.27 min Scan# 4455

Delta R.T. 0.00 min

Lab File: BG046268.D

Acq: 14 Aug 2020 4:27

Instrument :

BNA_G

ClientSampleId :

BFM62

Tot Ion:	276	Resp:	122413
Ion Ratio	Lower	Upper	
276	100		
138	15.5	12.9	19.3
277	21.5	19.4	29.0

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