

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046326.D
 Acq On : 18 Aug 2020 13:47
 Operator : CG/JU
 Sample : L3636-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK3

Manual Integrations
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Quant Time: Aug 18 14:44:23 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	7.94	152	103272	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	413473	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	272191	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	601483	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	591556	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	625692	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	57154	8.03	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	222907	8.90	ng/ul	0.00
10) Fluorene-d10	15.56	176	179969	9.38	ng/ul	0.00
15) Anthracene-d10	17.41	188	254655	9.13	ng/ul	0.00
19) Pyrene-d10	19.69	212	280451	9.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	281588	8.25	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	253811	7.670	ng/ul	99
17) Fluoranthene	19.36	202	503340	13.642	ng/ul	98
20) Pyrene	19.72	202	414341	10.671	ng/ul	98
21) Benzo(a)anthracene	21.54	228	193033	5.015	ng/ul	95
22) Chrysene	21.60	228	249431	6.704	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	335973	8.120	ng/ul	96
25) Benzo(k)fluoranthene	23.74	252	121852m	2.969	ng/ul	
27) Benzo(a)pyrene	24.51	252	189278	4.983	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	164707	3.463	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	48497m	1.258	ng/ul	
30) Benzo(g,h,i)perylene	29.26	276	128672	3.233	ng/ul	98

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

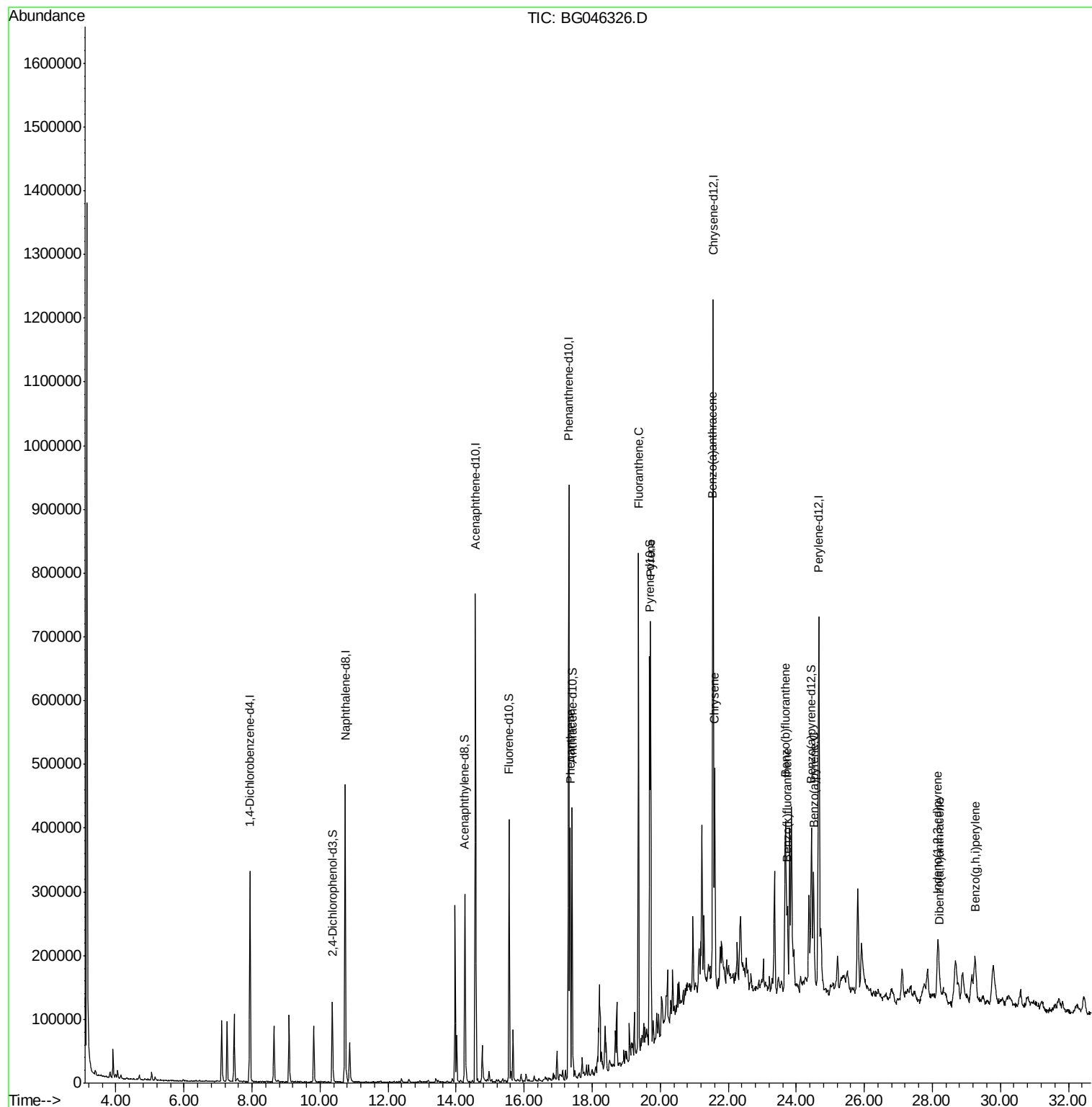
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046326.D
Acq On : 18 Aug 2020 13:47
Operator : CG/JU
Sample : L3636-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

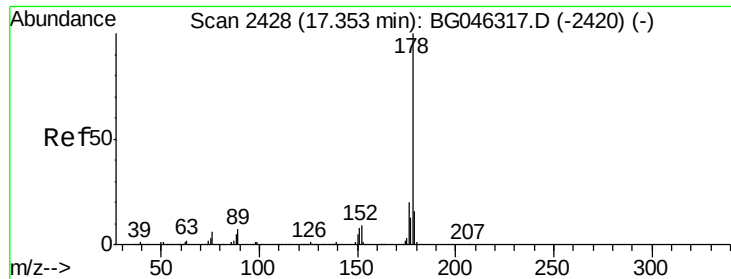
Instrument :
BNA_G
ClientSampleId :
BFMK3

Quant Time: Aug 18 14:44:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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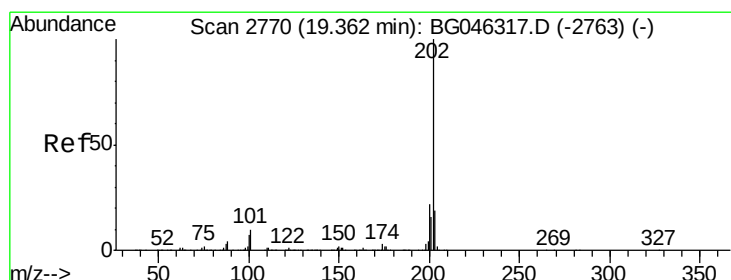
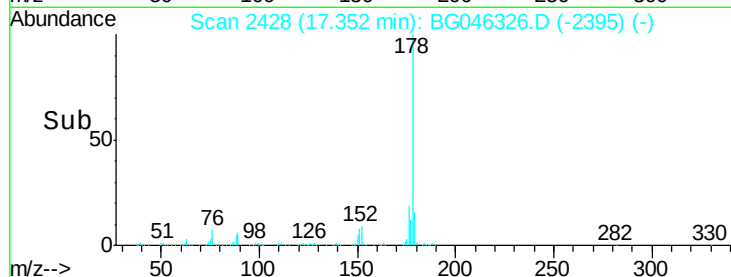
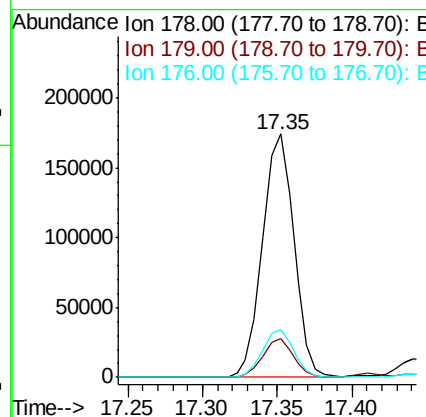
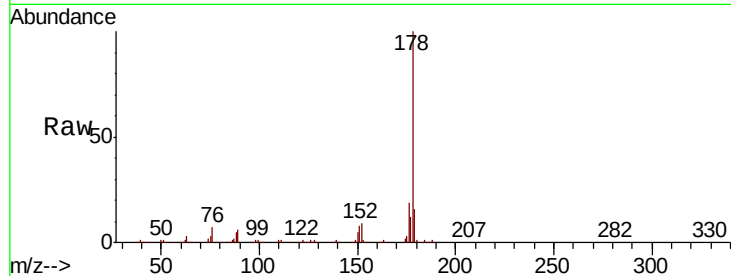
#14
Phenanthrene
Concen: 7.670 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Instrument :
BNA_G
ClientSampleId :
BFMK3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.5	15.8	23.8

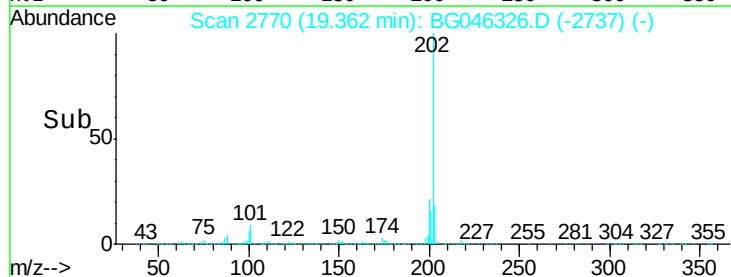
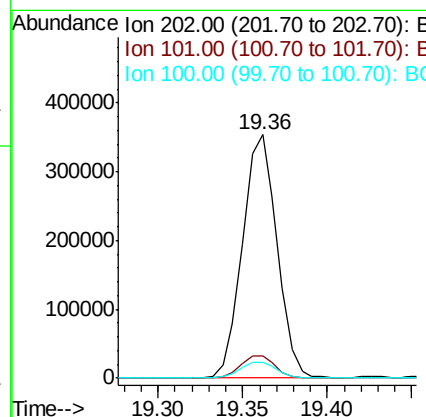
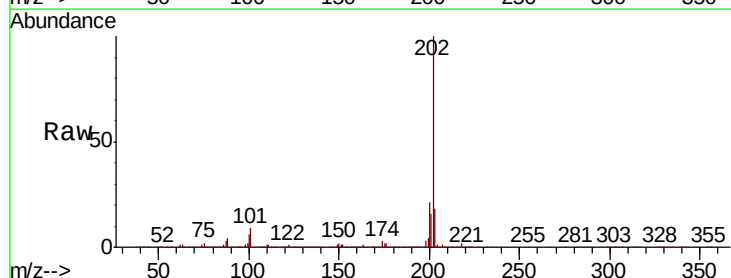
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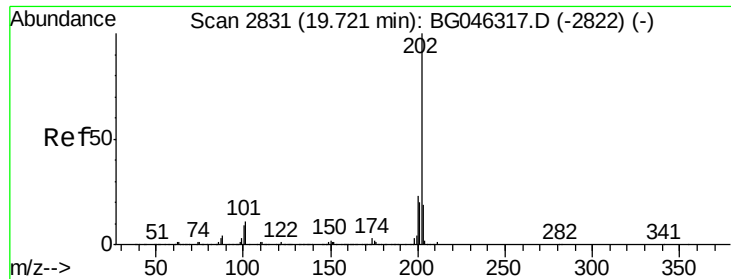
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#17
Fluoranthene
Concen: 13.642 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	6.5	5.9	8.9





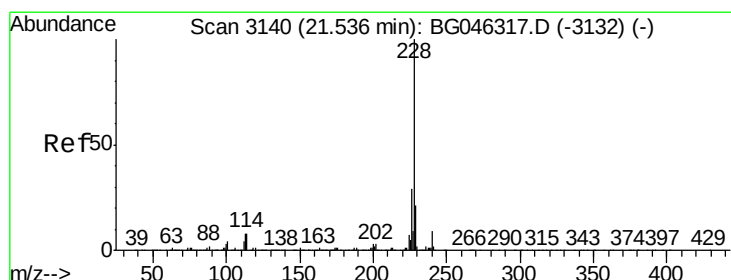
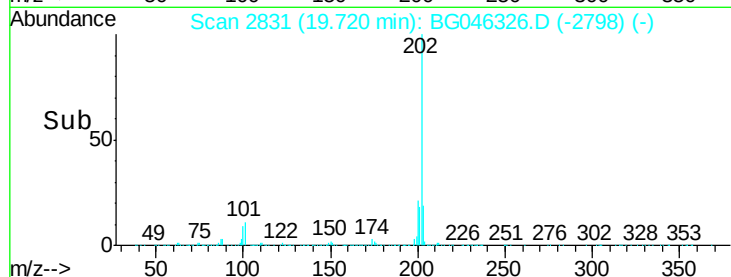
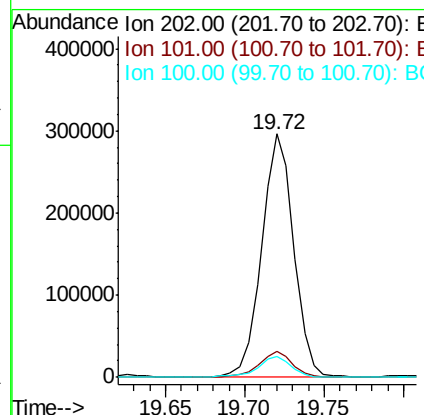
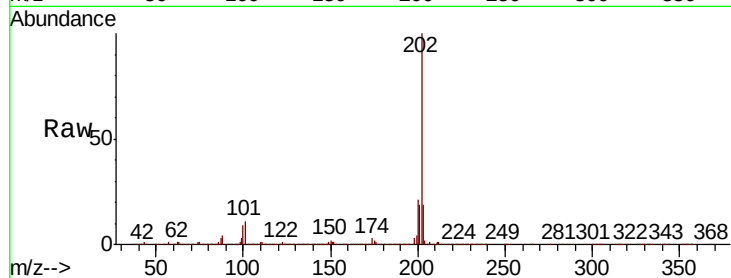
#20
Pvrene
Concen: 10.671 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		414341		
101	10.6	8.9	13.3		
100	8.8	7.9	11.9		

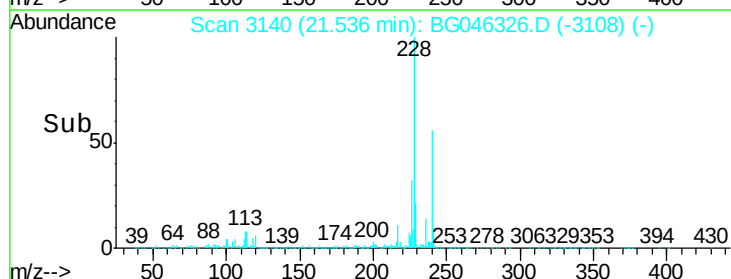
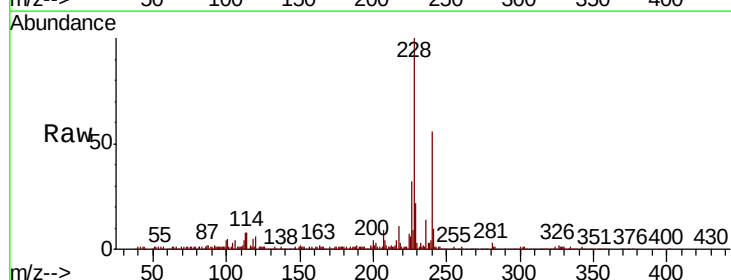
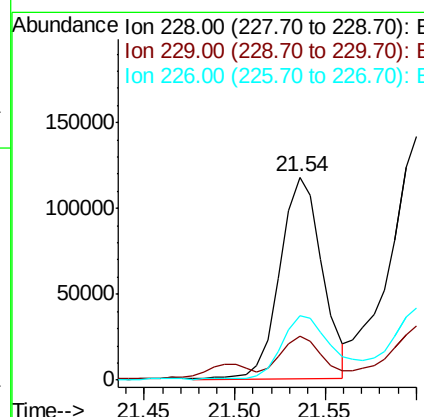
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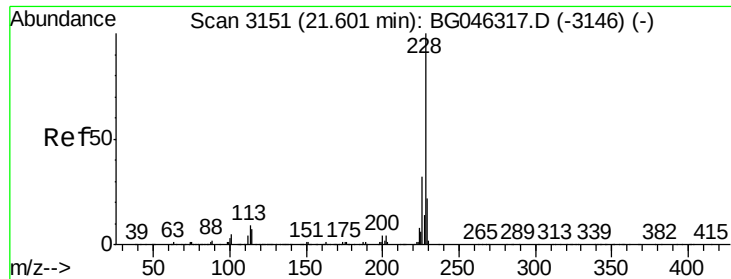
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#21
Benzo(a)anthracene
Concen: 5.015 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		193033		
229	21.6	16.6	25.0		
226	31.8	22.6	33.8		





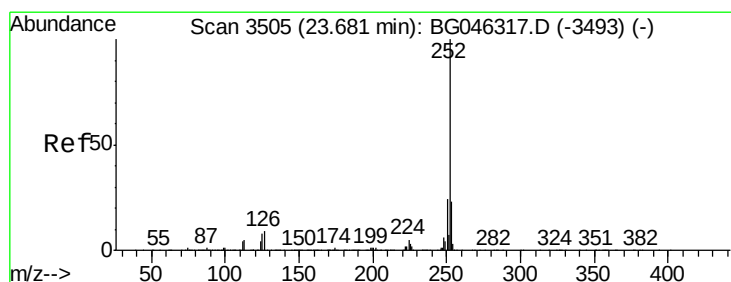
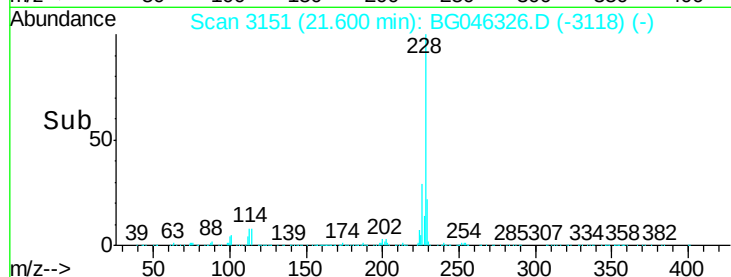
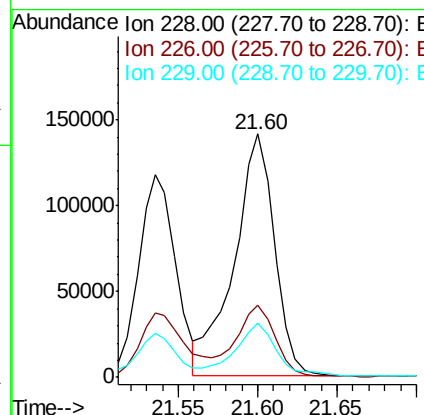
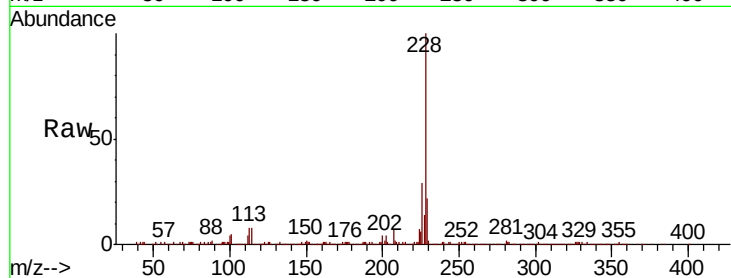
#22
Chrysene
Concen: 6.704 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Instrument :
BNA_G
ClientSampleId :
BFMK3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	249431		
226	29.4		25.5	38.3
229	22.2		17.0	25.4

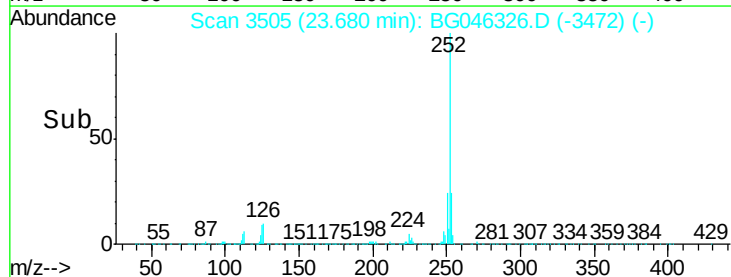
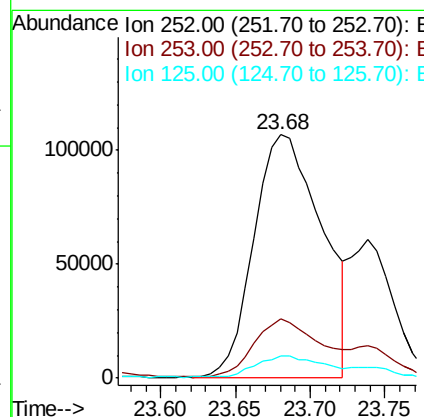
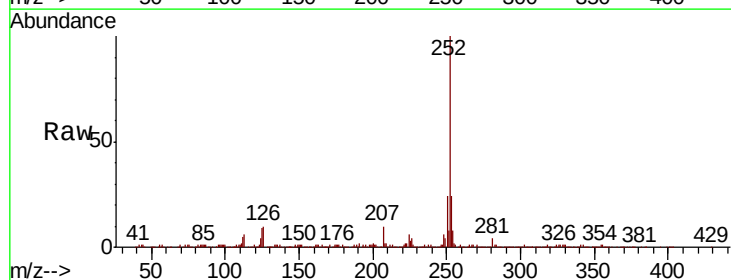
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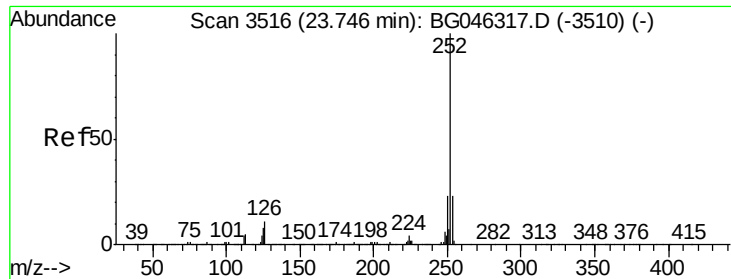
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#24
Benzo(b)fluoranthene
Concen: 8.120 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	335973		
253	24.1		17.8	26.6
125	8.9		6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 2.969 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046326.D

Acq: 18 Aug 2020 13:47

Instrument :

BNA_G

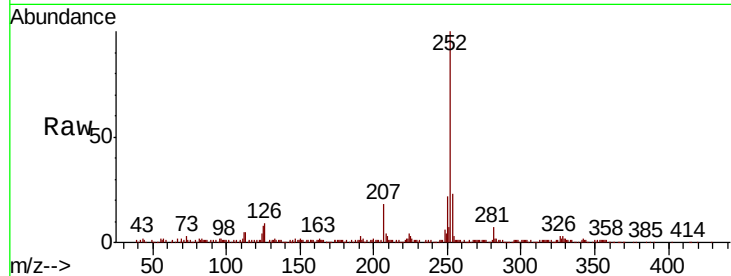
ClientSampleId :

BFMK3

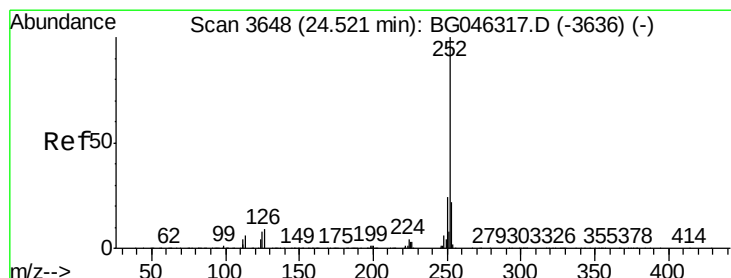
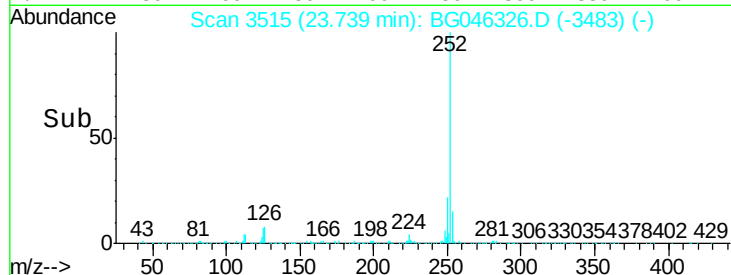
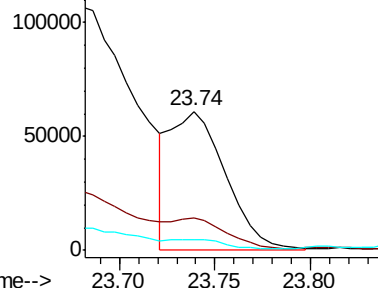
Tot Ion:	252	Resp:	121852
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	7.5	6.2	9.2

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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: 4.983 ng/ul

RT: 24.51 min Scan# 3647

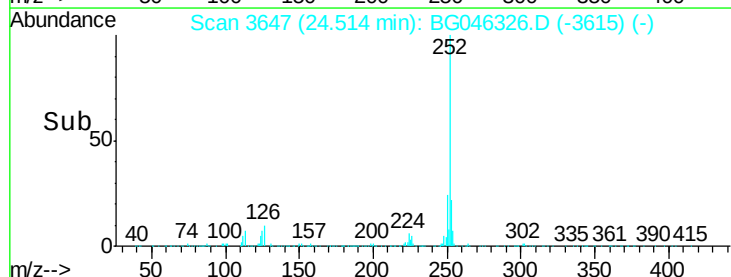
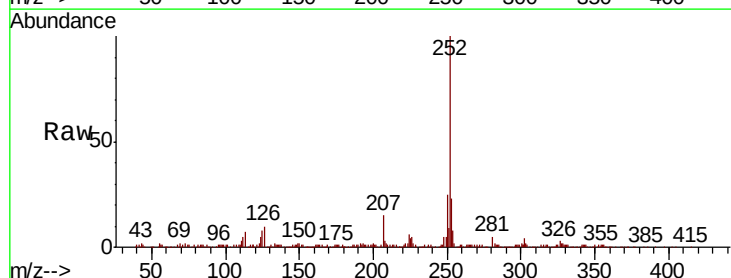
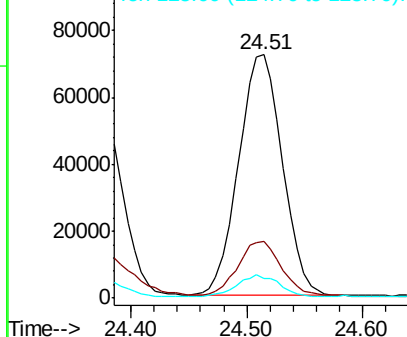
Delta R.T. -0.01 min

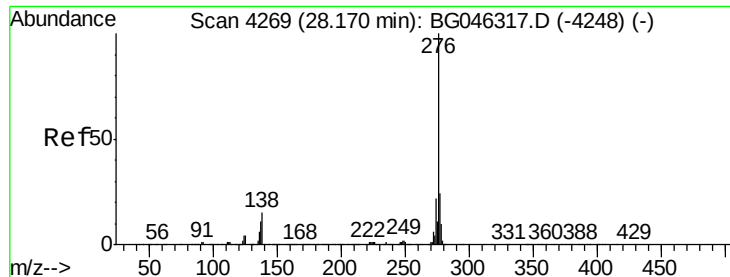
Lab File: BG046326.D

Acq: 18 Aug 2020 13:47

Tgt Ion:	252	Resp:	189278
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	8.2	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

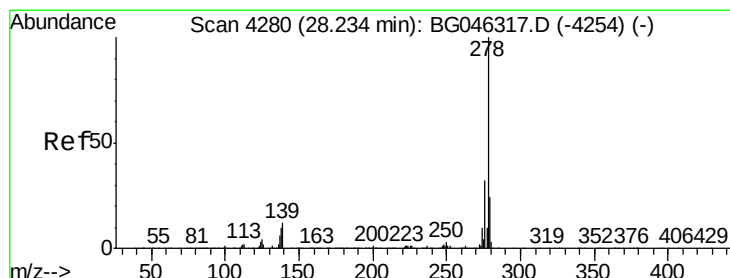
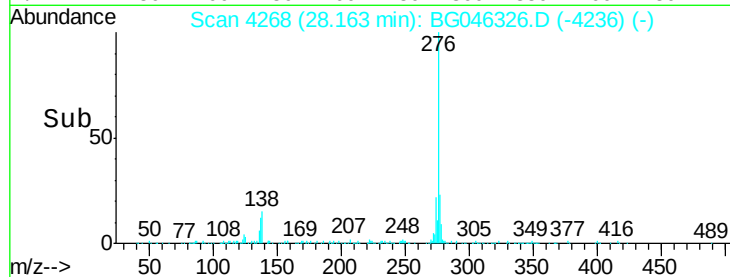
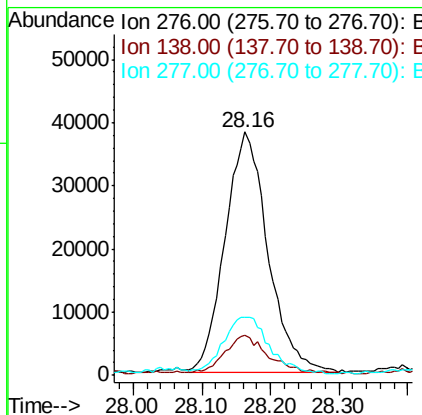
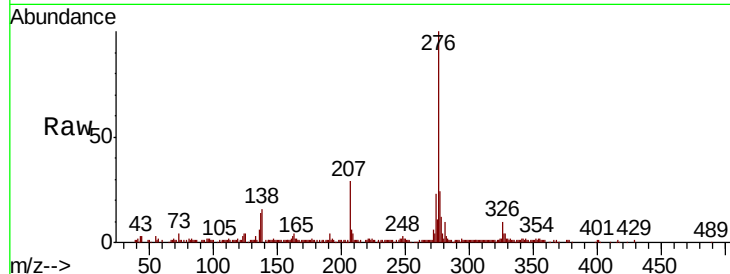
Indeno(1,2,3-cd)pyrene
Concen: 3.463 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Instrument :
BNA_G
ClientSampleId :
BFMK3

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.2	19.8
277	23.6	19.9	29.9

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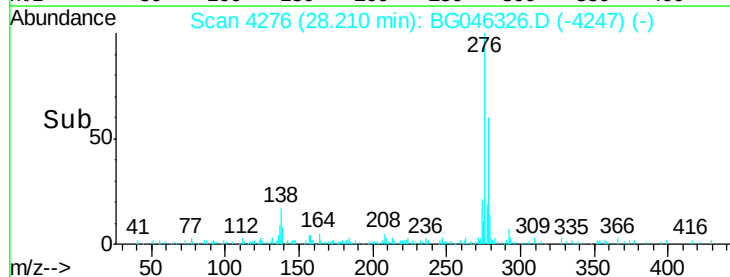
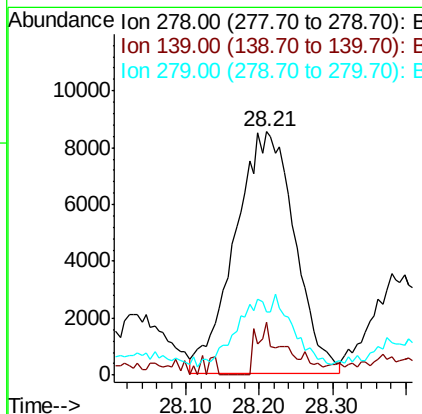
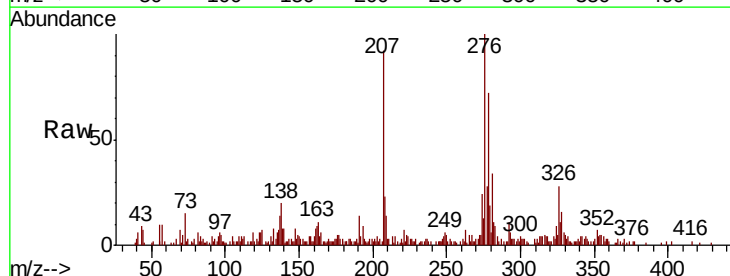
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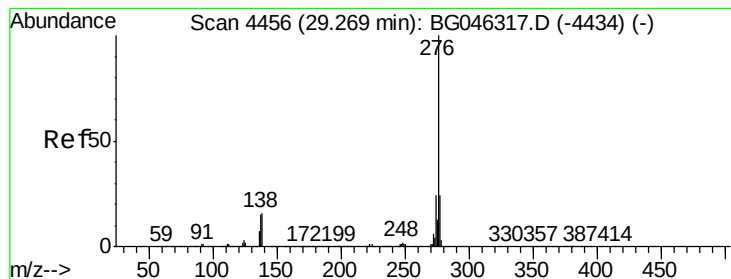


#29

Dibenzo(a,h)anthracene
Concen: 1.258 ng/ul m
RT: 28.21 min Scan# 4276
Delta R.T. -0.03 min
Lab File: BG046326.D
Acq: 18 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.8	14.8
279	26.1	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 3.233 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG046326.D

Acq: 18 Aug 2020 13:47

Instrument :

BNA_G

ClientSampleId :

BFMK3

Tot Ion:	276	Resp:	128672
Ion Ratio		Lower	Upper
276	100		
138	15.5	12.9	19.3
277	25.2	19.4	29.0

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