

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046325.D
 Acq On : 18 Aug 2020 13:07
 Operator : CG/JU
 Sample : L3636-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK0

Manual Integrations
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Quant Time: Aug 18 14:31:28 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	91930	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	366065	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	243608	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	545990	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	535738	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	579790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	40929	6.49	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	154749	6.90	ng/ul	0.00
10) Fluorene-d10	15.56	176	130072	7.57	ng/ul	0.00
15) Anthracene-d10	17.41	188	186812	7.38	ng/ul	0.00
19) Pyrene-d10	19.69	212	196391	7.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	200818	6.35	ng/ul	0.00
Target Compounds						
					Qvalue	
4) Naphthalene	10.78	128	31826	1.671	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	15545	1.071	ng/ul	100
8) Acenaphthylene	14.29	152	32847	1.441	ng/ul	96
9) Acenaphthene	14.63	153	31051	1.908	ng/ul	99
11) Fluorene	15.61	166	45885	2.411	ng/ul	99
14) Phenanthrene	17.35	178	670614	22.326	ng/ul	100
16) Anthracene	17.44	178	138069	4.556	ng/ul	99
17) Fluoranthene	19.36	202	896151	26.757	ng/ul	99
20) Pyrene	19.72	202	727712	20.694	ng/ul	99
21) Benzo(a)anthracene	21.54	228	433391	12.433	ng/ul	97
22) Chrysene	21.60	228	412835	12.252	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	541225	14.116	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	167897m	4.415	ng/ul	
27) Benzo(a)pyrene	24.52	252	318876	9.059	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	222503	5.048	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	68475	1.916	ng/ul#	90
30) Benzo(g,h,i)perylene	29.26	276	151321	4.102	ng/ul	97

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

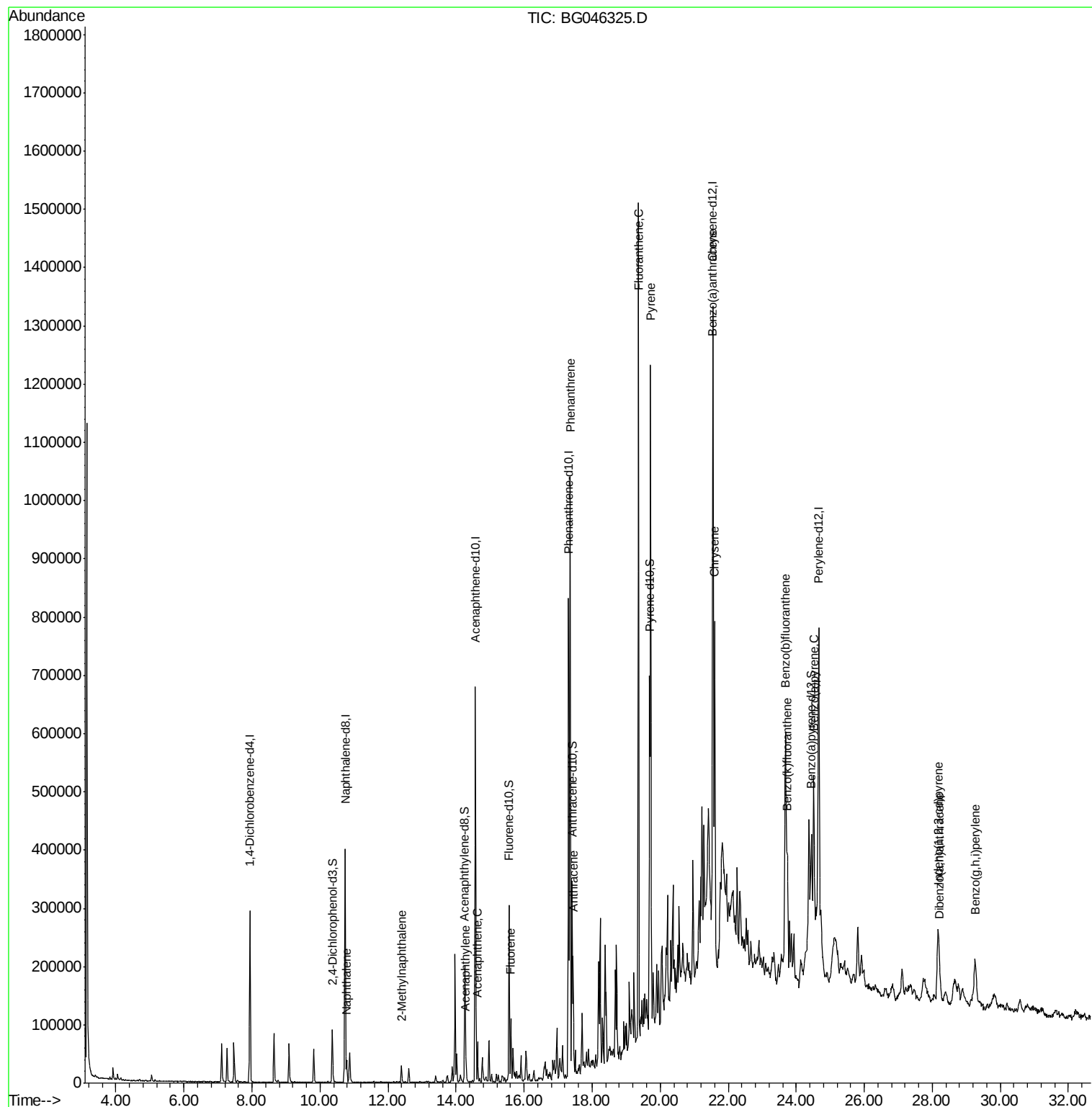
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046325.D
Acq On : 18 Aug 2020 13:07
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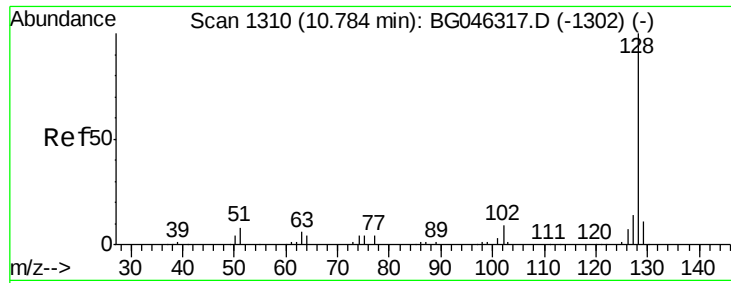
Instrument :
BNA_G
ClientSampleId :
BFMK0

Quant Time: Aug 18 14:31:28 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

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#4

Naphthalene

Concen: 1.671 ng/ul

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG046325.D

Acq: 18 Aug 2020 13:07

Instrument :

BNA_G

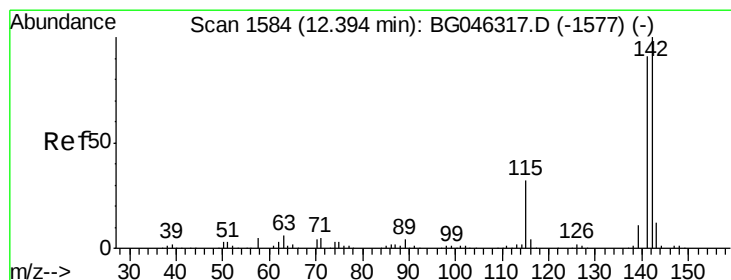
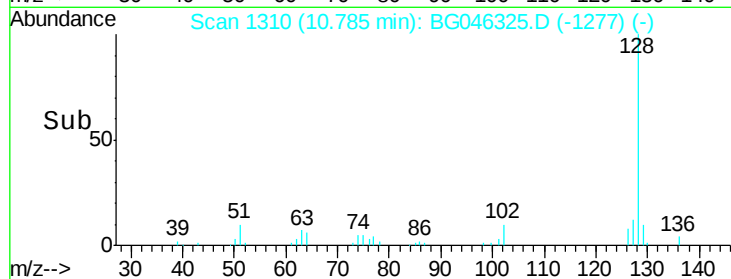
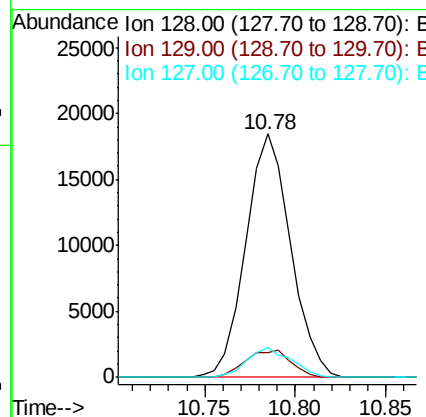
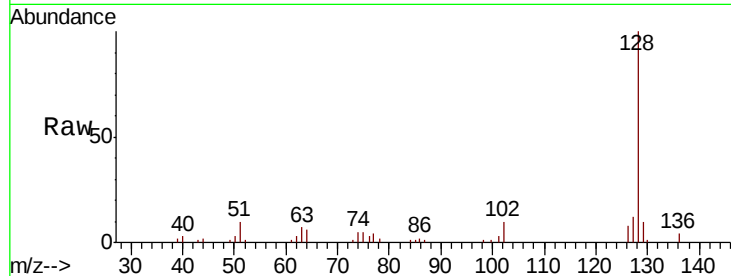
ClientSampleId :

BFMK0

Tot Ion:	128	Resp:	31826
Ion Ratio	Lower	Upper	
128	100		
129	10.2	9.0	13.6
127	12.3	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.071 ng/ul

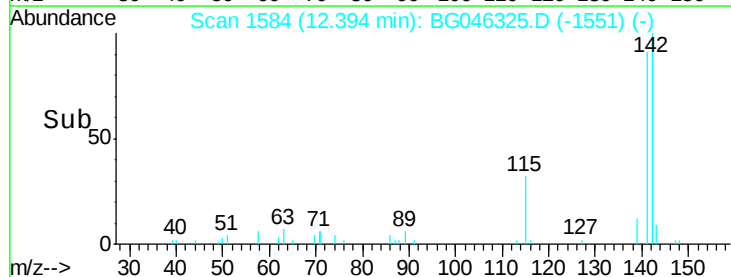
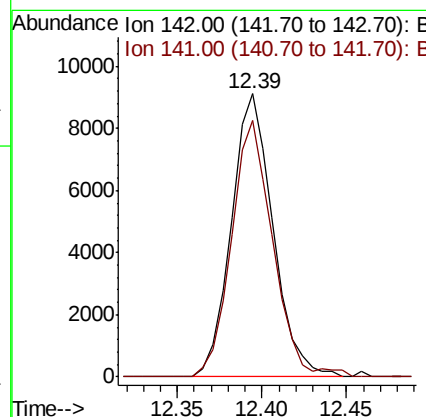
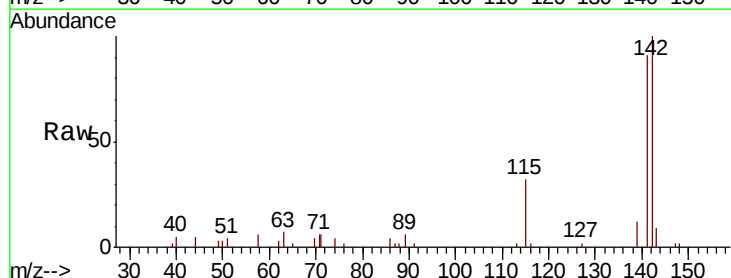
RT: 12.39 min Scan# 1584

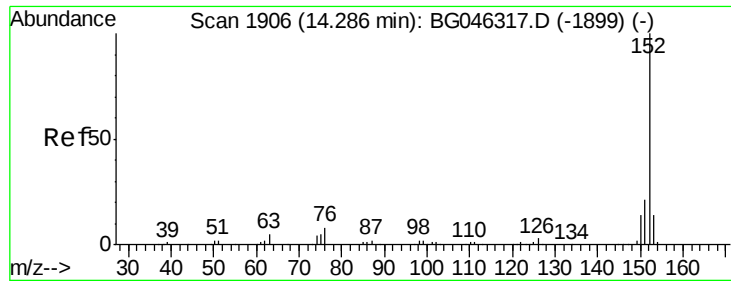
Delta R.T. -0.01 min

Lab File: BG046325.D

Acq: 18 Aug 2020 13:07

Tgt Ion:	142	Resp:	15545
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.5	108.7





#8

Acenaphthylene

Concen: 1.441 ng/ul

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG046325.D

Acq: 18 Aug 2020 13:07

Instrument :

BNA_G

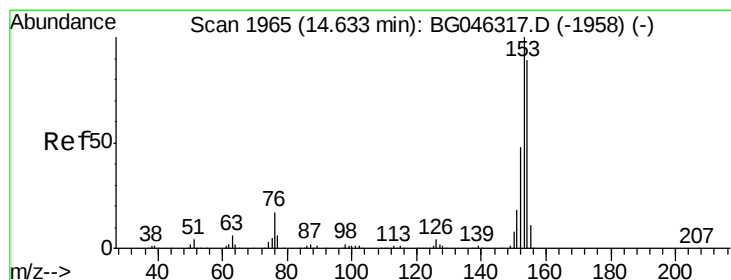
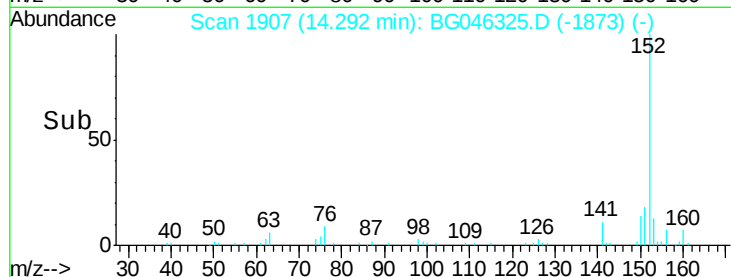
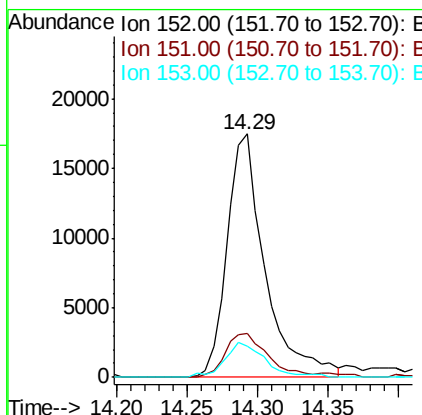
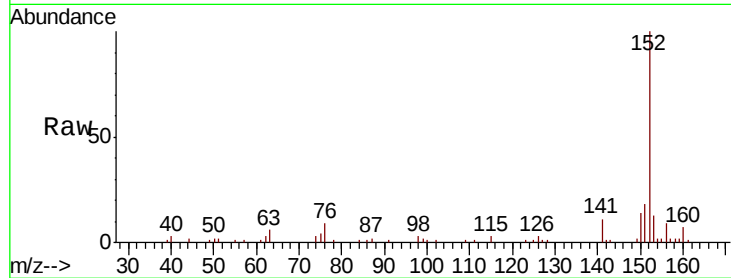
ClientSampleId :

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Tot Ion:	152	Resp:	32847
Ion Ratio	Lower	Upper	
152	100		
151	18.2	16.5	24.7
153	12.7	11.0	16.6

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#9

Acenaphthene

Concen: 1.908 ng/ul

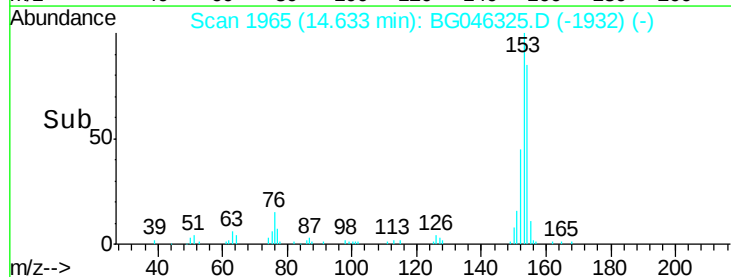
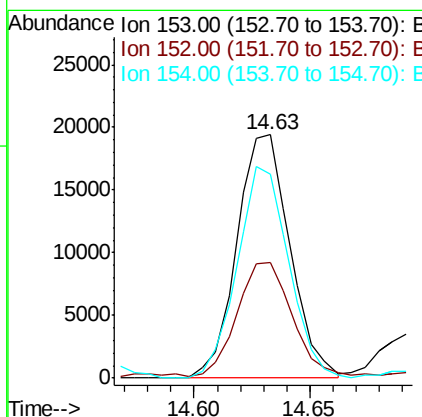
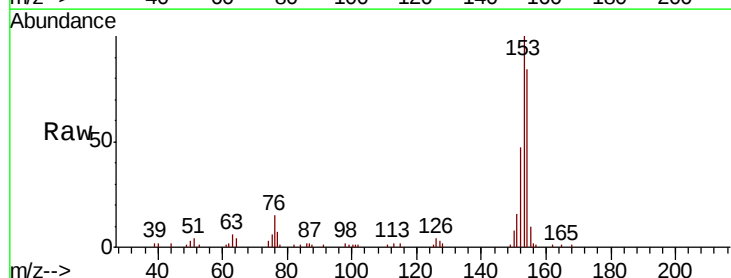
RT: 14.63 min Scan# 1965

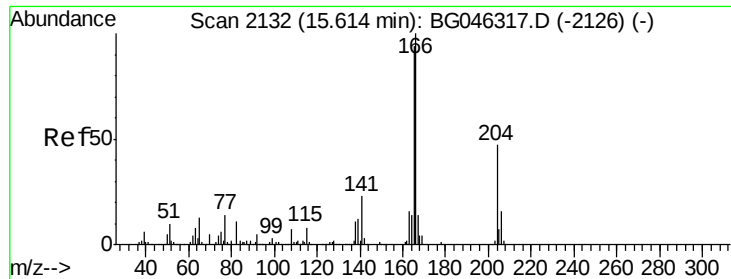
Delta R.T. -0.01 min

Lab File: BG046325.D

Acq: 18 Aug 2020 13:07

Tgt Ion:	153	Resp:	31051
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.2	55.8
154	83.9	67.8	101.6





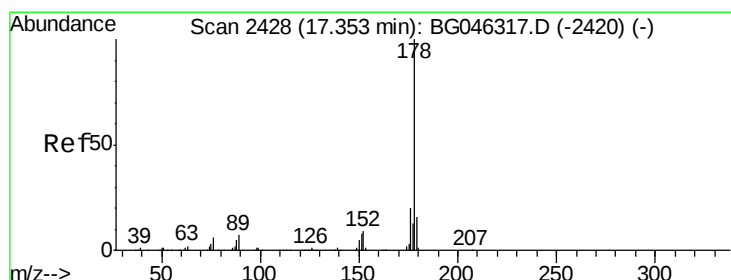
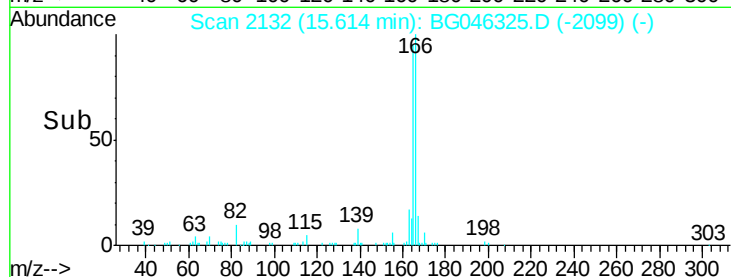
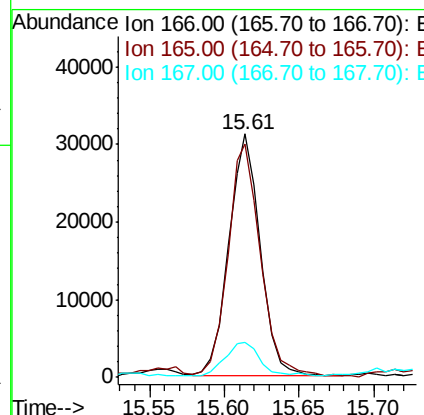
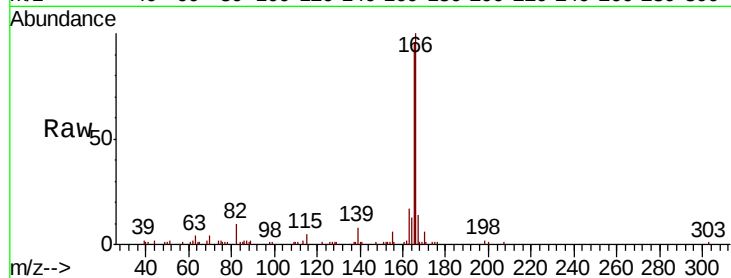
#11
Fluorene
 Concen: 2.411 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Instrument :
 BNA_G
 ClientSampleId :
 BFMK0

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	75.9	113.9
167	14.3	10.7	16.1

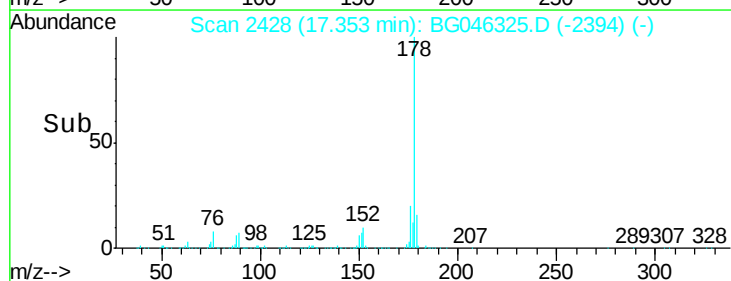
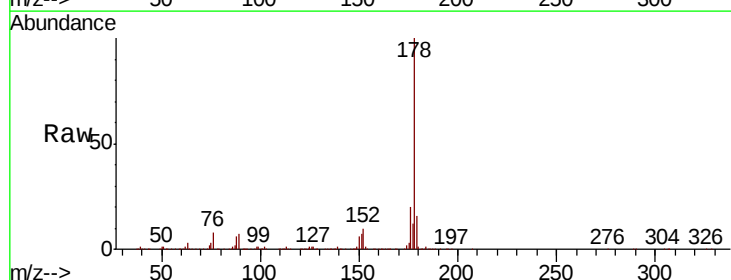
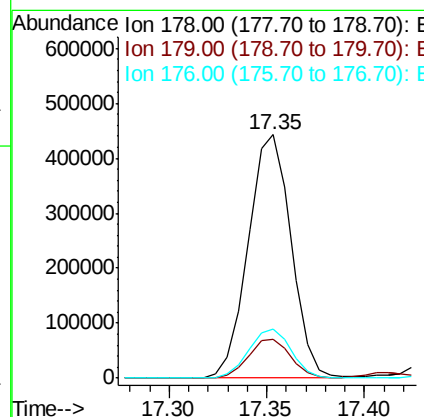
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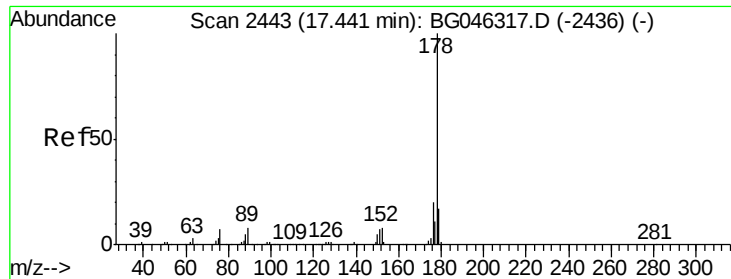
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#14
Phenanthrene
 Concen: 22.326 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.0	15.8	23.8





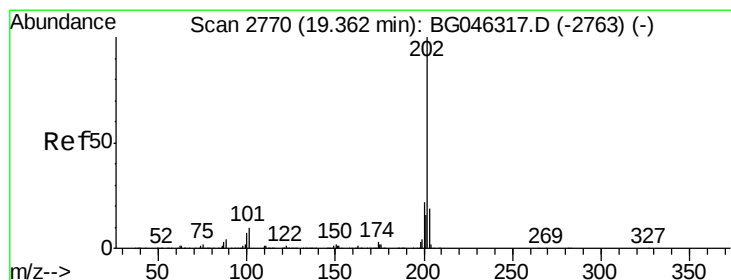
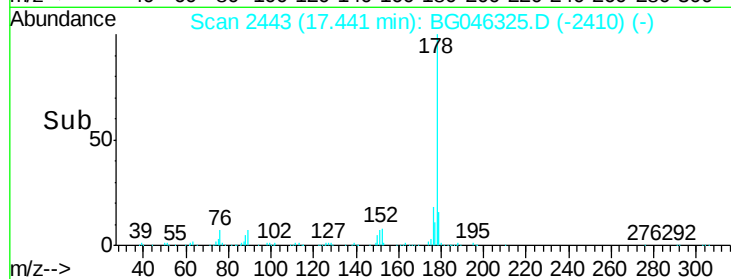
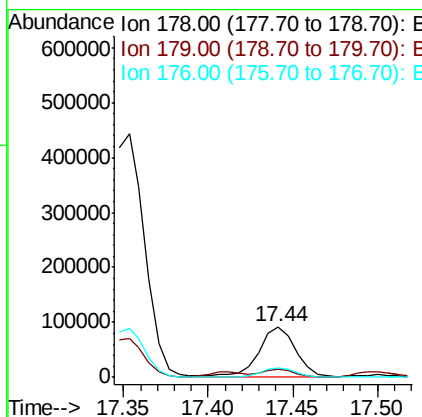
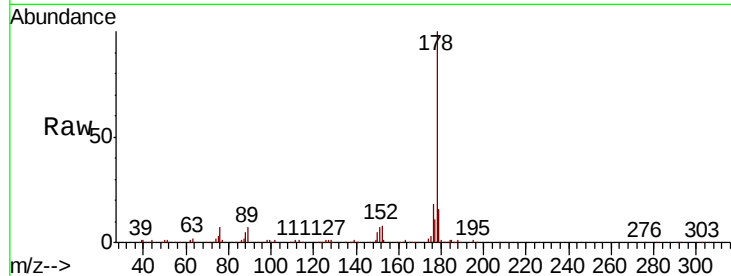
#16
 Anthracene
 Concen: 4.556 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Instrument :
 BNA_G
 ClientSampled :
 BFMK0

Tot Ion:178	Resp:	138069
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.2 19.8
176	18.4	15.2 22.8

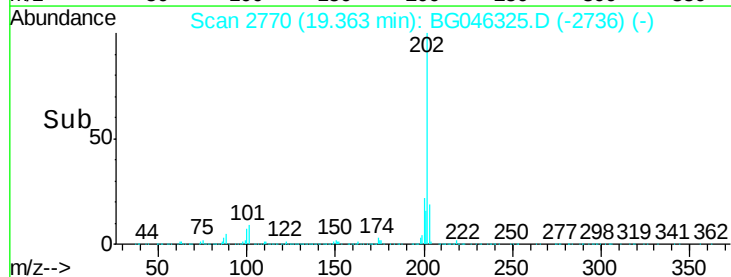
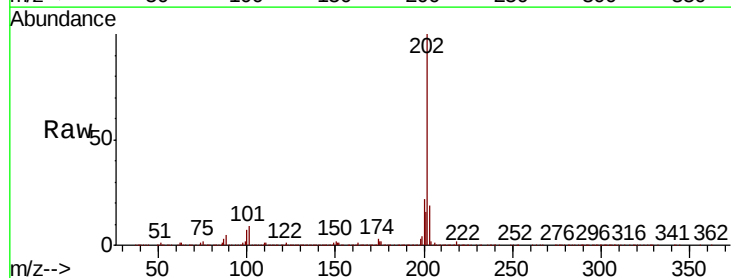
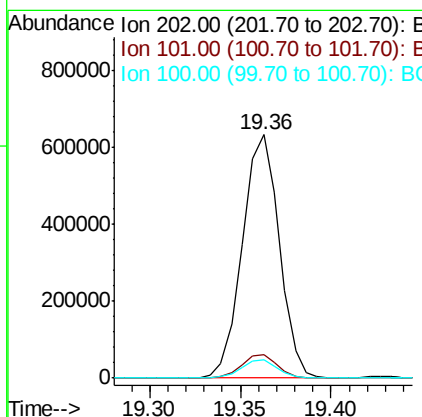
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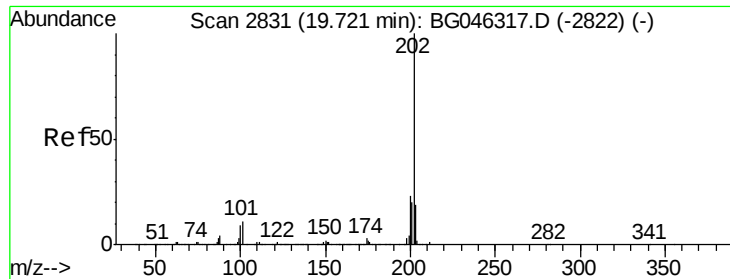
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#17
 Fluoranthene
 Concen: 26.757 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Tgt Ion:202	Resp:	896151
Ion Ratio	Lower	Upper
202	100	
101	9.4	7.8 11.6
100	7.3	5.9 8.9





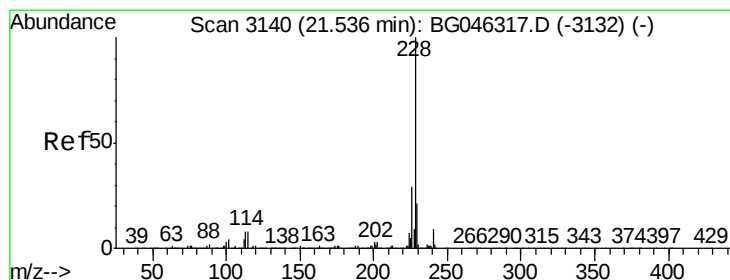
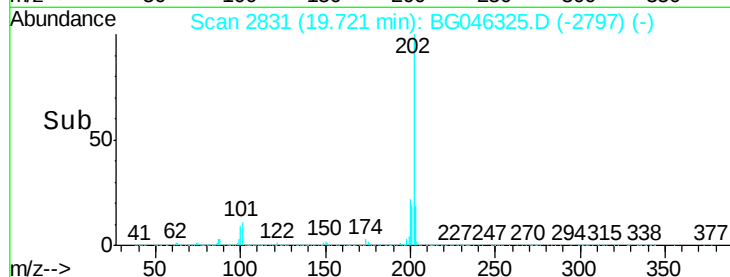
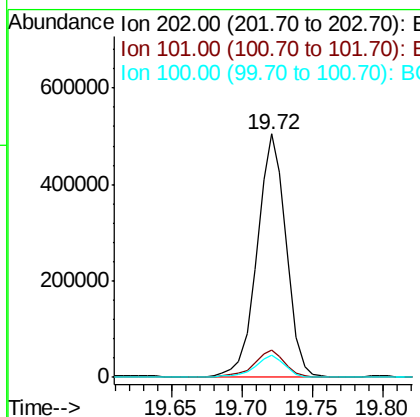
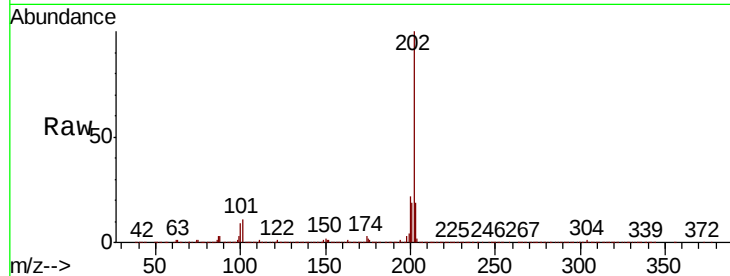
#20
Pvrene
Concen: 20.694 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046325.D
Acq: 18 Aug 2020 13:07

Instrument :
BNA_G
ClientSampleId :
BFMK0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.1	7.9	11.9

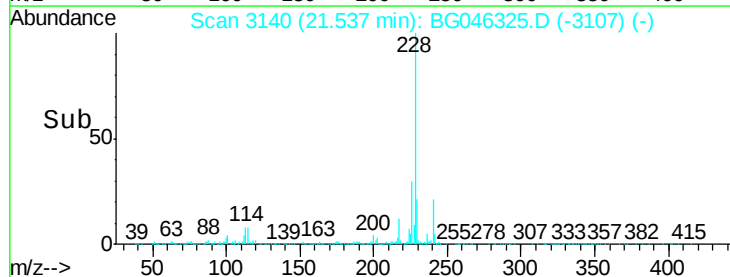
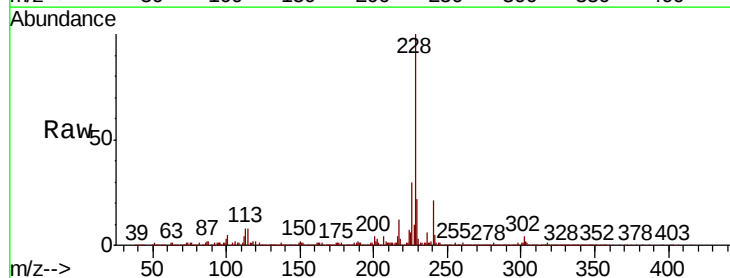
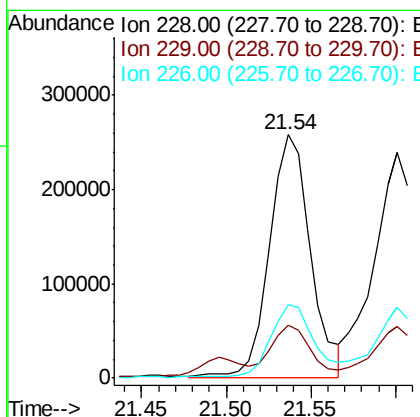
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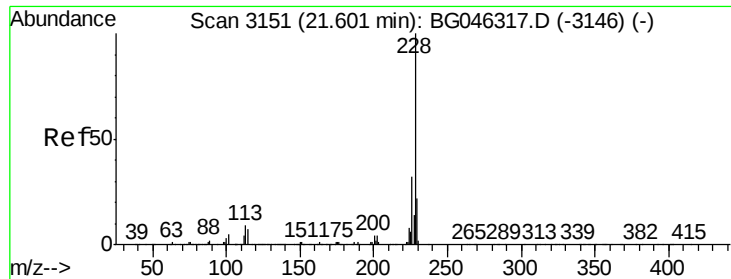
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#21
Benzo(a)anthracene
Concen: 12.433 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046325.D
Acq: 18 Aug 2020 13:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	16.6	25.0
226	30.1	22.6	33.8





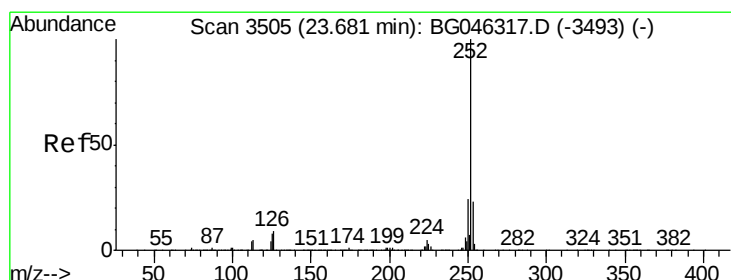
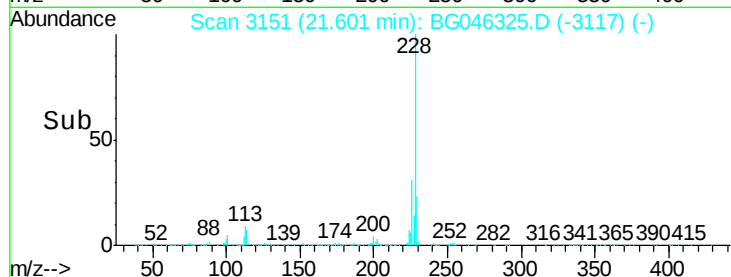
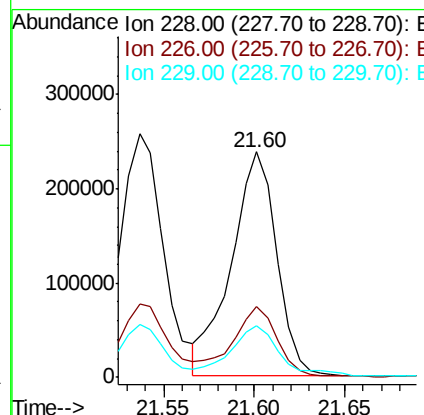
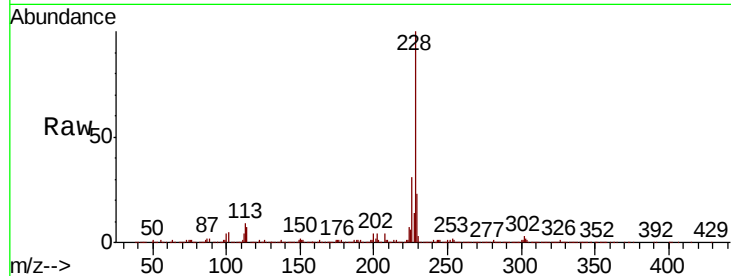
#22
Chrysene
Concen: 12.252 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046325.D
Acq: 18 Aug 2020 13:07

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	228	Resp:	412835
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	22.9	17.0	25.4

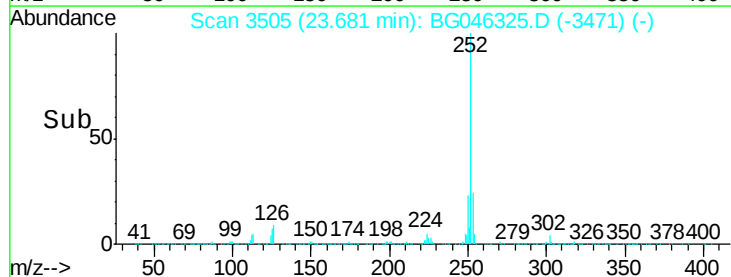
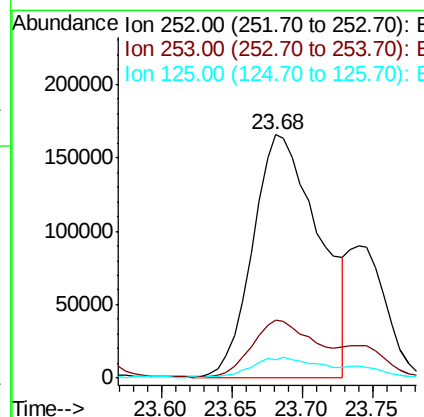
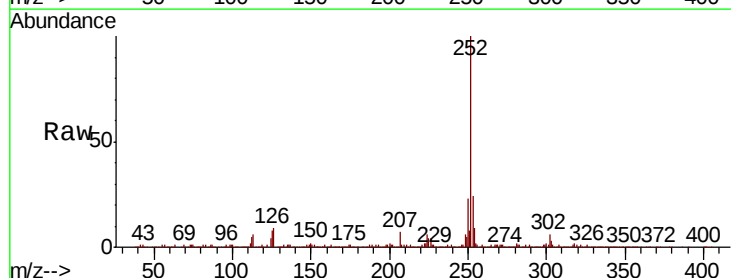
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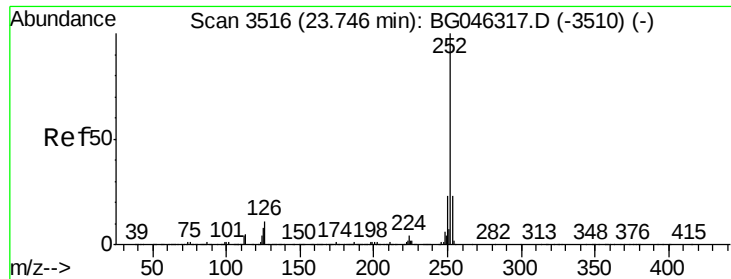
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#24
Benzo(b)fluoranthene
Concen: 14.116 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046325.D
Acq: 18 Aug 2020 13:07

Tgt Ion:	252	Resp:	541225
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	7.6	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 4.415 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046325.D

Acq: 18 Aug 2020 13:07

Instrument :

BNA_G

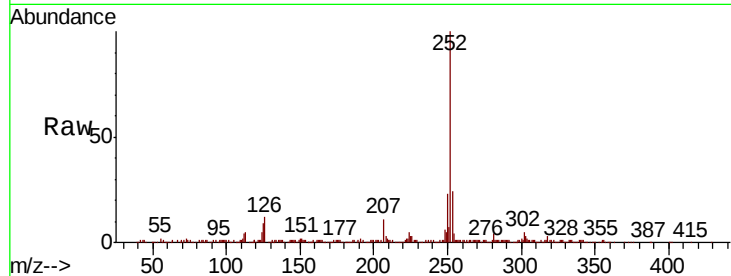
ClientSampleId :

BFMK0

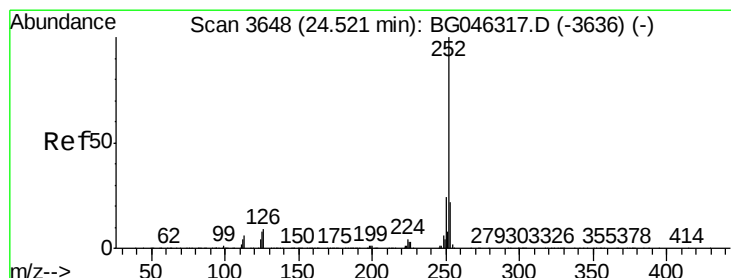
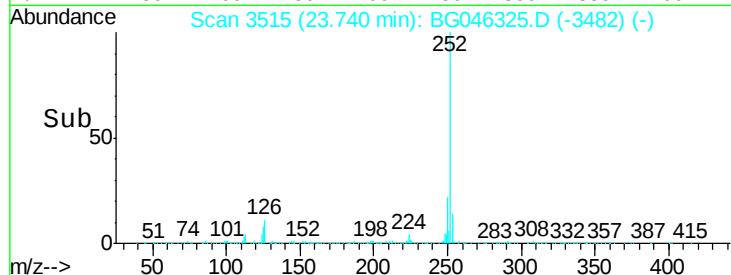
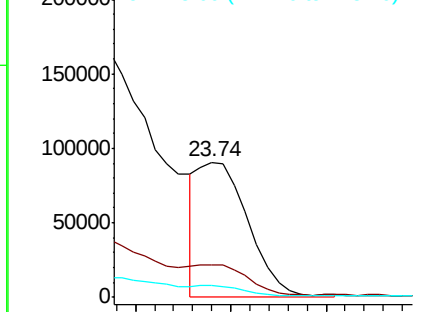
Tot Ion:	252	Resp:	167897
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.5	27.7
125	8.7	6.2	9.2

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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: 9.059 ng/ul

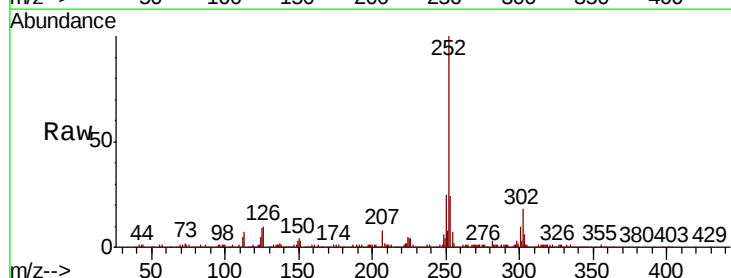
RT: 24.52 min Scan# 3647

Delta R.T. -0.01 min

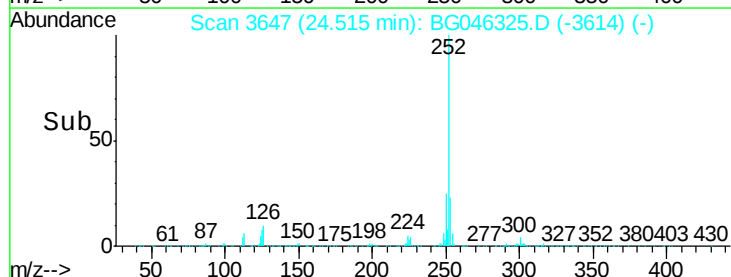
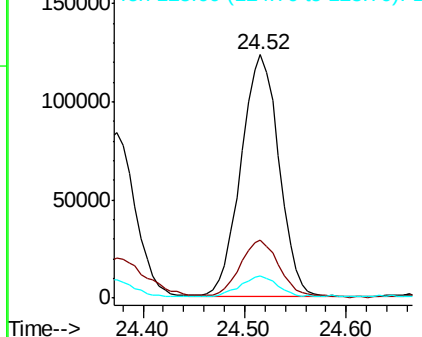
Lab File: BG046325.D

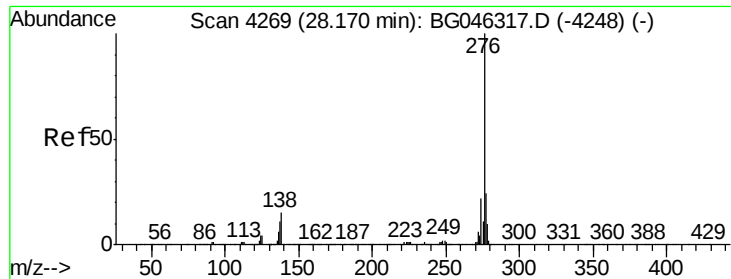
Acq: 18 Aug 2020 13:07

Tgt Ion:	252	Resp:	318876
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	9.0	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





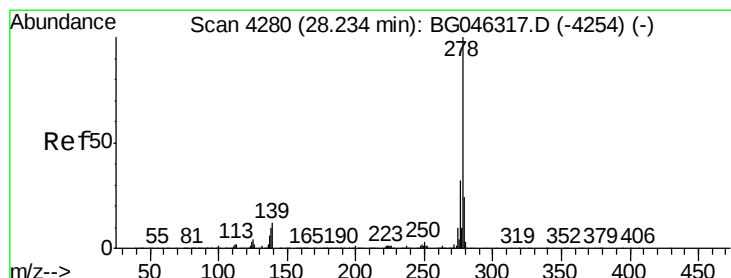
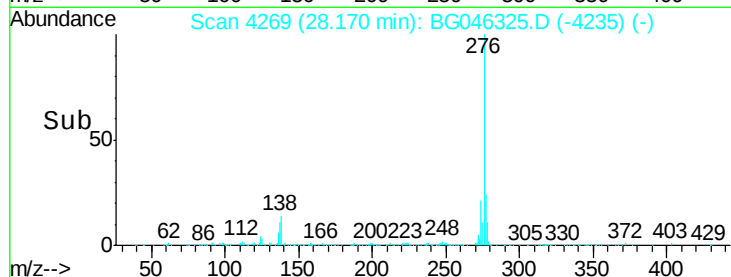
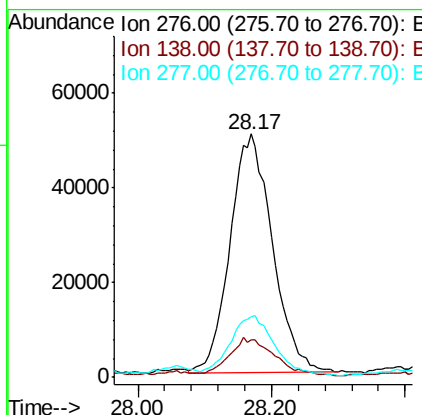
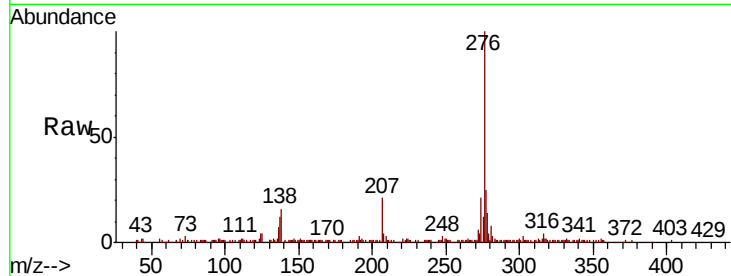
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 5.048 ng/ul
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Instrument :
 BNA_G
 ClientSampleId :
 BFMK0

Tot Ion:	276	Resp:	222503
Ion Ratio	Lower	Upper	
276	100		
138	15.5	13.2	19.8
277	24.7	19.9	29.9

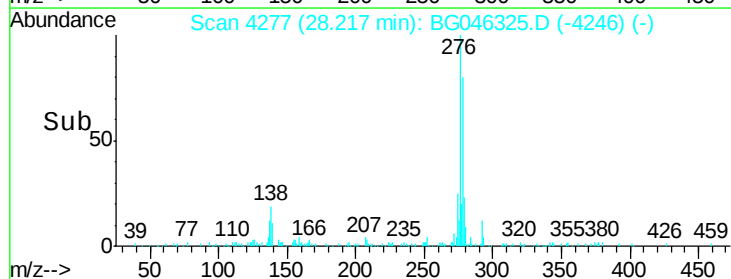
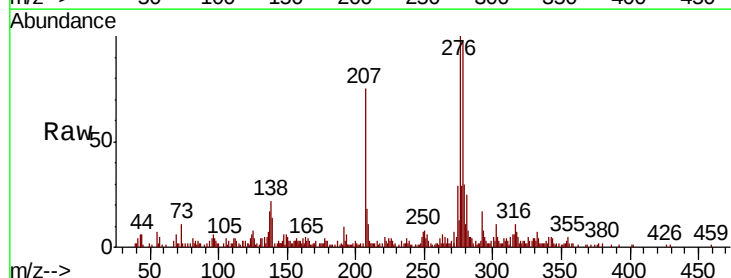
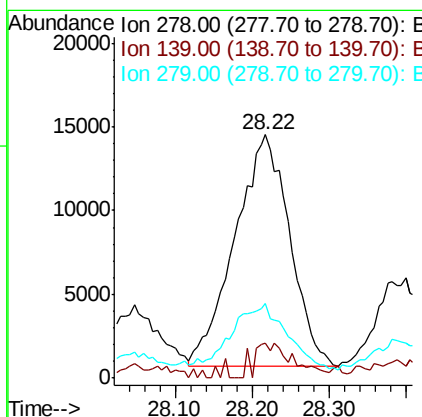
Manual Integrations
 APPROVED

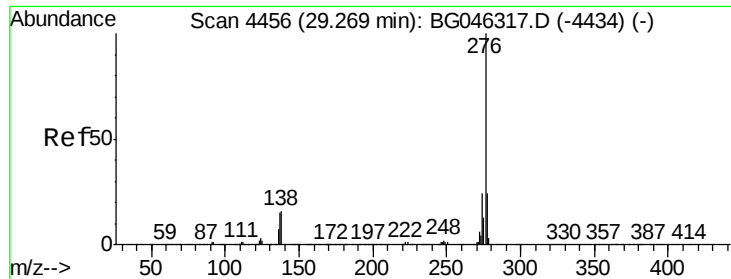
mohammad
 8/19/2020 2:16:43 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 1.916 ng/ul
 RT: 28.22 min Scan# 4277
 Delta R.T. -0.02 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Tgt Ion:	278	Resp:	68475
Ion Ratio	Lower	Upper	
278	100		
139	14.4	9.8	14.8
279	30.6	19.7	29.5#





#30
 Benzo(a,h,i)perylene
 Concen: 4.102 ng/ul
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.00 min
 Lab File: BG046325.D
 Acq: 18 Aug 2020 13:07

Instrument :
 BNA_G
 ClientSampleId :
 BFMK0

Tot Ion:	276	Resp:	151321
Ion Ratio	Lower	Upper	
276	100		
138	15.2	12.9	19.3
277	25.8	19.4	29.0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:16:43 PM

