

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046332.D
 Acq On : 18 Aug 2020 17:50
 Operator : CG/JU
 Sample : L3636-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK6

Manual Integrations
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Quant Time: Aug 18 18:59:53 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	83635	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	339578	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225101	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	518484	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	527434	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	559782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	36151	6.18	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	142399	6.87	ng/ul	0.00
10) Fluorene-d10	15.56	176	116084	7.31	ng/ul	0.00
15) Anthracene-d10	17.41	188	168859	7.03	ng/ul	0.00
19) Pyrene-d10	19.69	212	190764	7.03	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	194675	6.37	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.78	128	47516	2.690	ng/ul	97
8) Acenaphthylene	14.29	152	32249	1.531	ng/ul	98
11) Fluorene	15.61	166	25794	1.467	ng/ul	92
14) Phenanthrene	17.35	178	594440	20.840	ng/ul	100
16) Anthracene	17.44	178	34132	1.186	ng/ul	98
17) Fluoranthene	19.36	202	805551	25.328	ng/ul	99
20) Pyrene	19.72	202	597249	17.251	ng/ul	99
21) Benzo(a)anthracene	21.54	228	282254	8.225	ng/ul	98
22) Chrysene	21.60	228	356858	10.757	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	453973	12.264	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	174363m	4.748	ng/ul	
27) Benzo(a)pyrene	24.52	252	253848	7.470	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	193270	4.542	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	54357	1.575	ng/ul	96
30) Benzo(a,h,i)perylene	29.26	276	126746	3.559	ng/ul	96

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

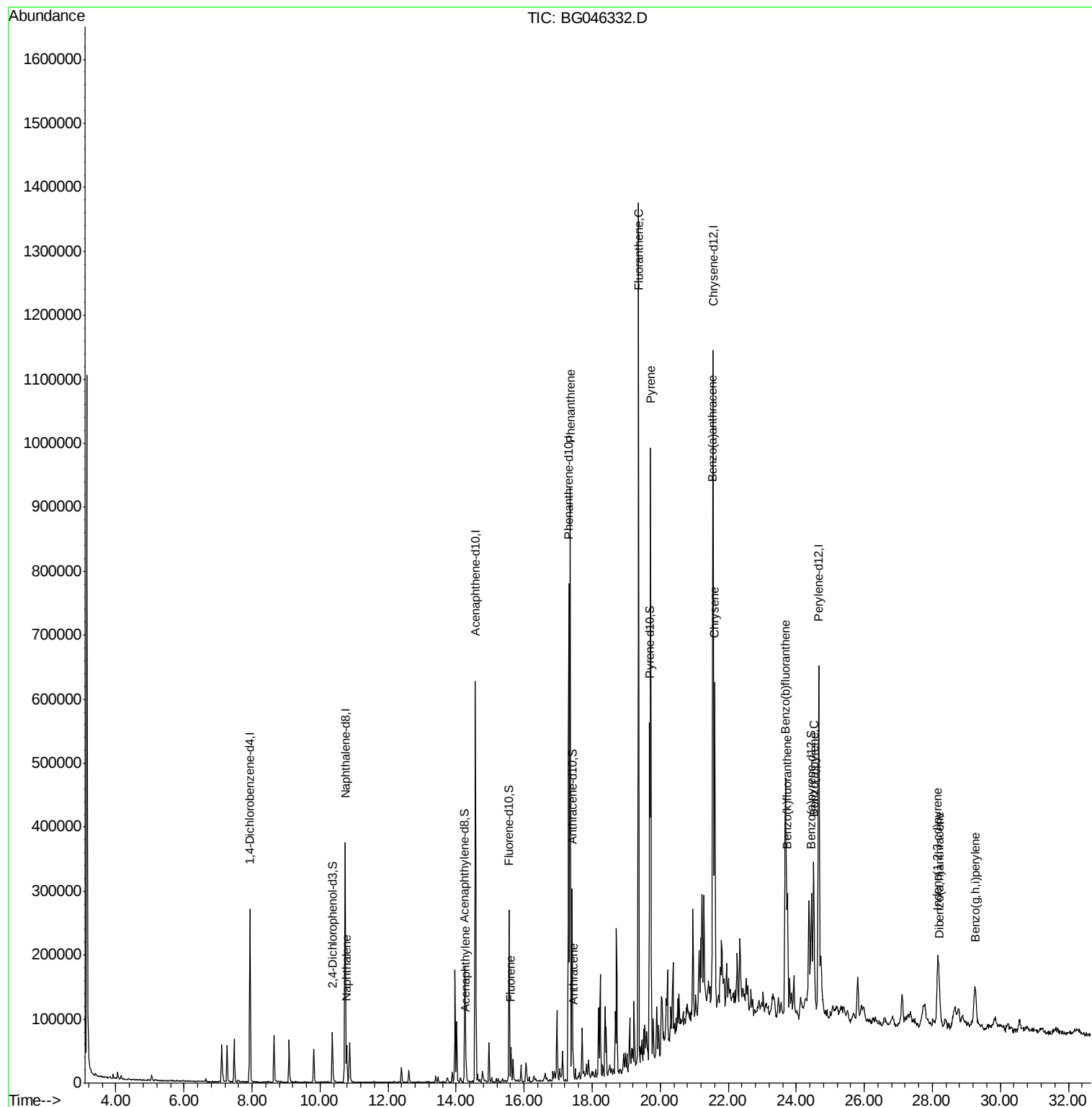
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046332.D
Acq On : 18 Aug 2020 17:50
Operator : CG/JU
Sample : L3636-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

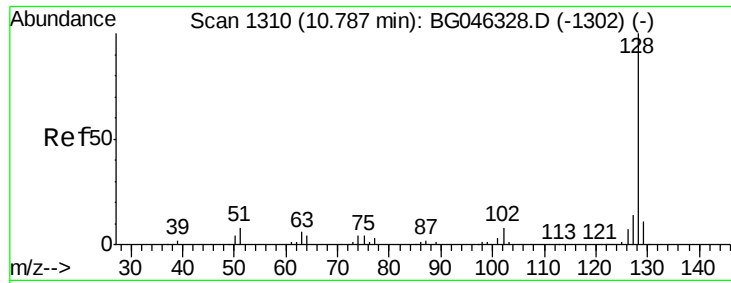
Instrument :
BNA_G
ClientSampleId :
BFMK6

Quant Time: Aug 18 18:59:53 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: 2.690 ng/ul

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Instrument :

BNA_G

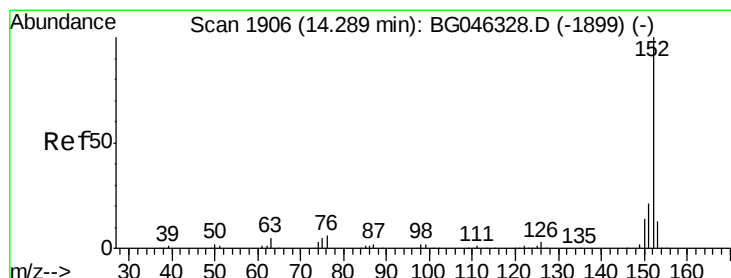
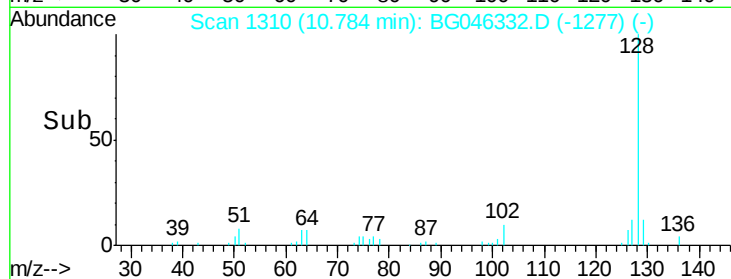
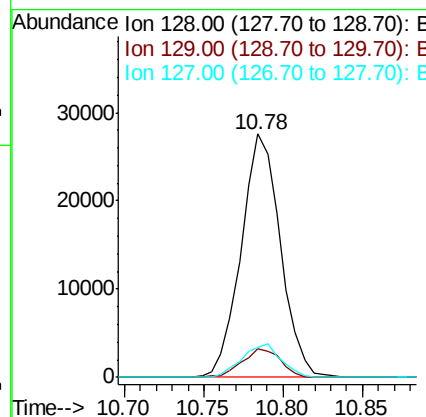
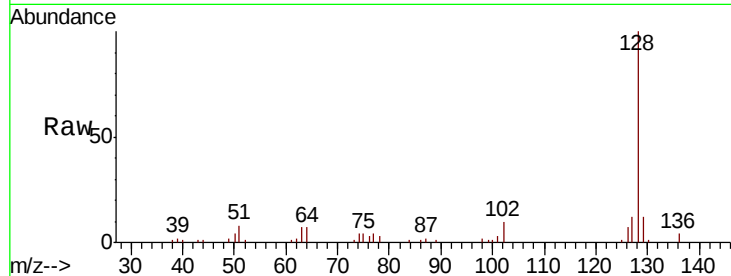
ClientSampleId :

BFMK6

Tot Ion:	128	Resp:	47516
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	12.2	10.9	16.3

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#8

Acenaphthylene

Concen: 1.531 ng/ul

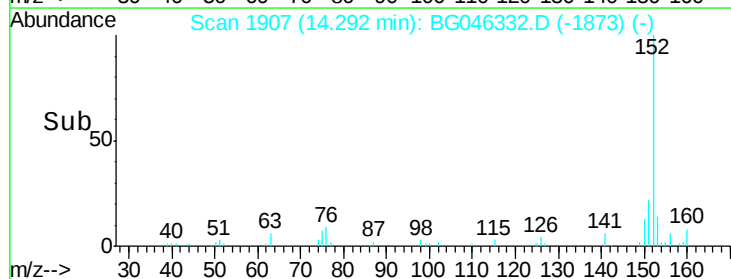
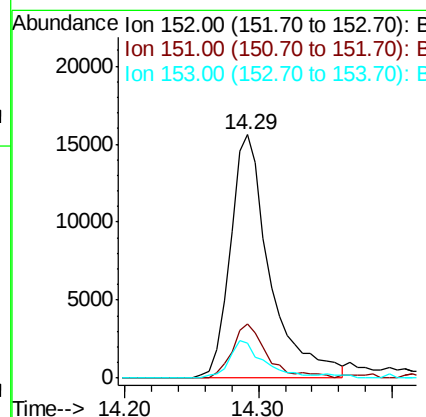
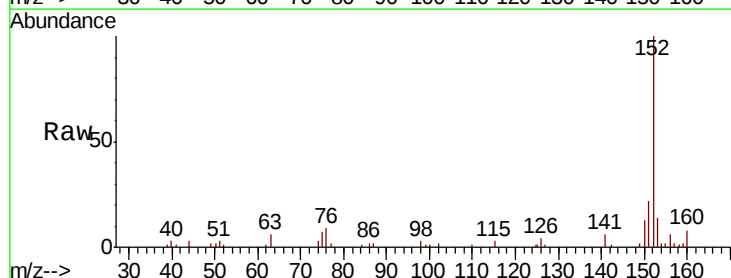
RT: 14.29 min Scan# 1907

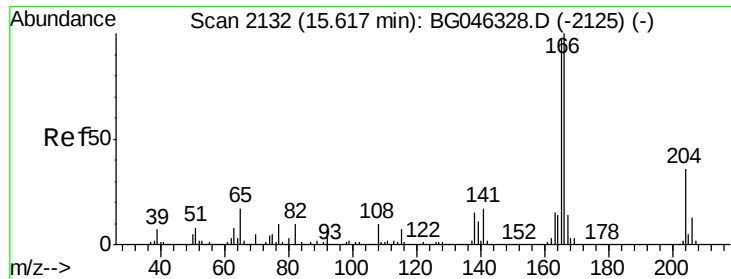
Delta R.T. -0.00 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Tgt Ion:	152	Resp:	32249
Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.5	24.7
153	14.3	11.0	16.6





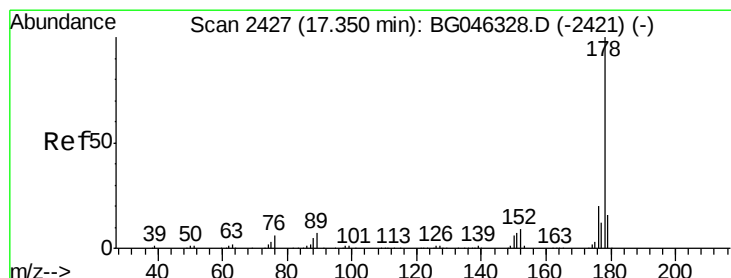
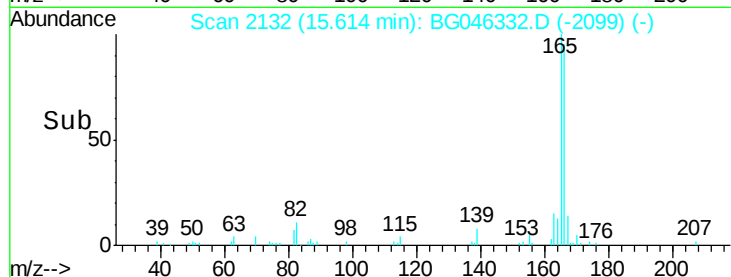
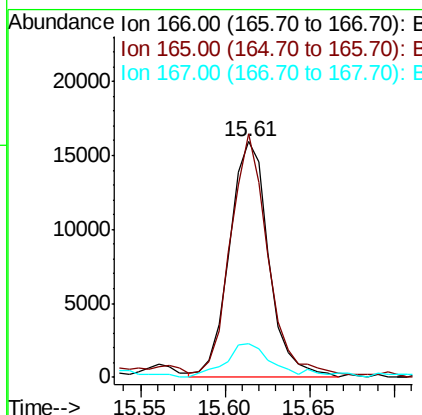
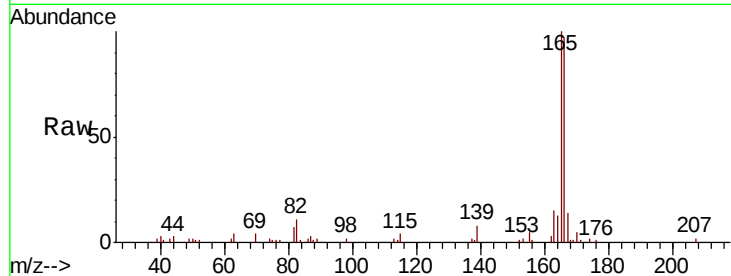
#11
Fluorene
 Concen: 1.467 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 BFMK6

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.4	75.9	113.9
167	14.4	10.7	16.1

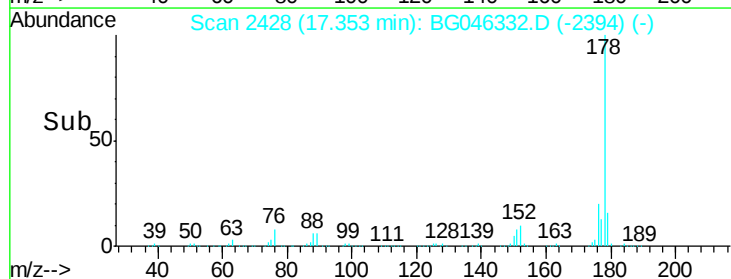
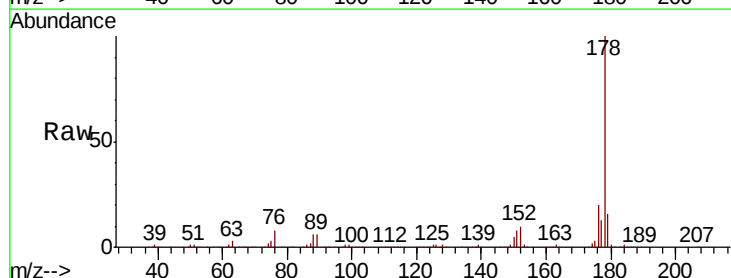
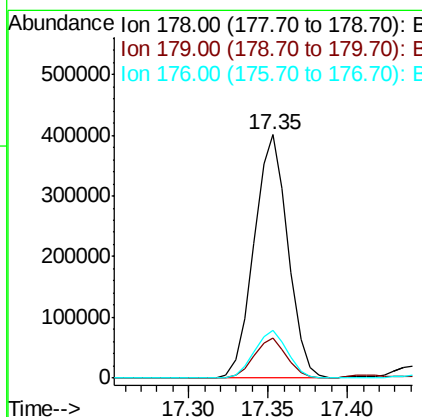
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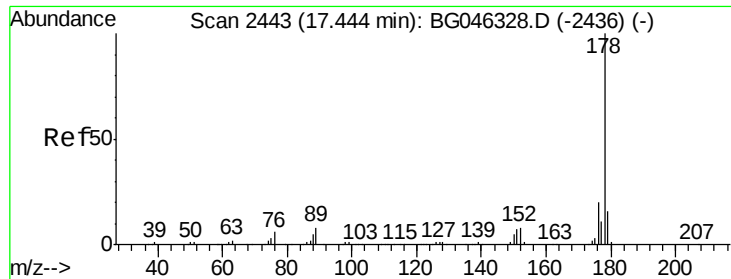
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#14
Phenanthrene
 Concen: 20.840 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.8	15.8	23.8





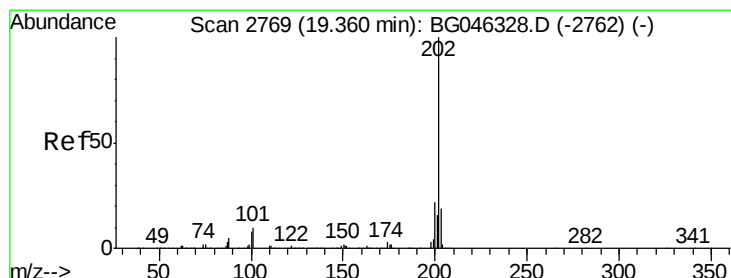
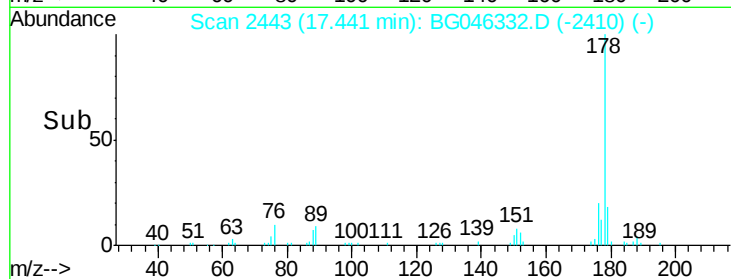
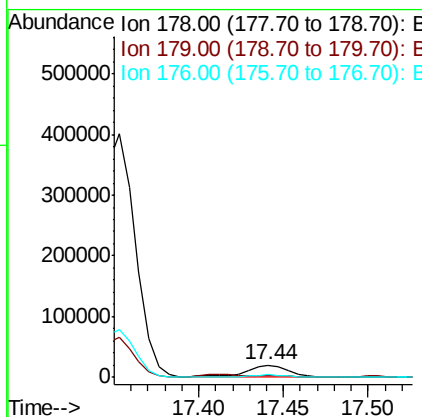
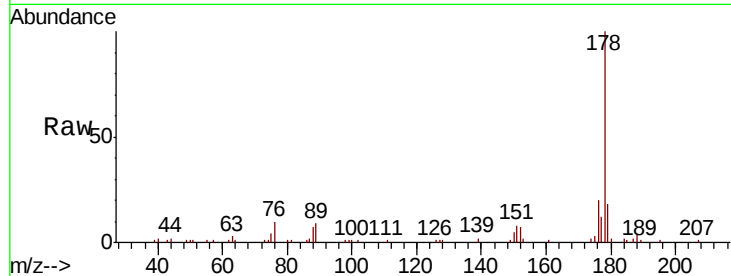
#16
 Anthracene
 Concen: 1.186 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 BFMK6

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.2	19.8
176	19.9	15.2	22.8

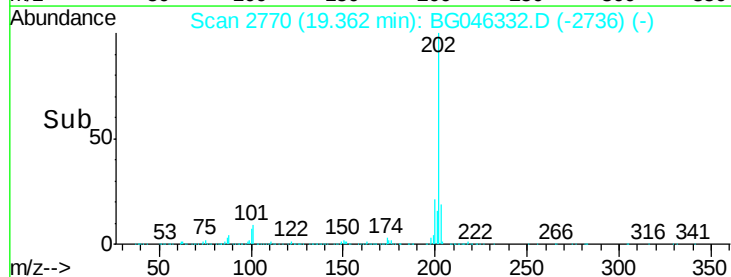
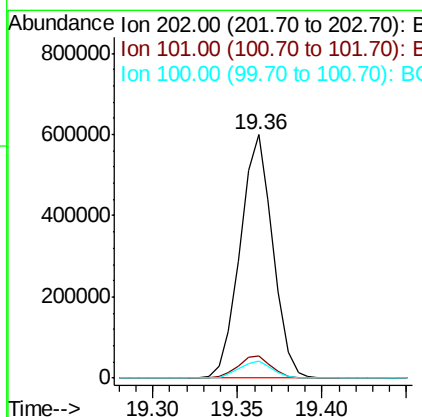
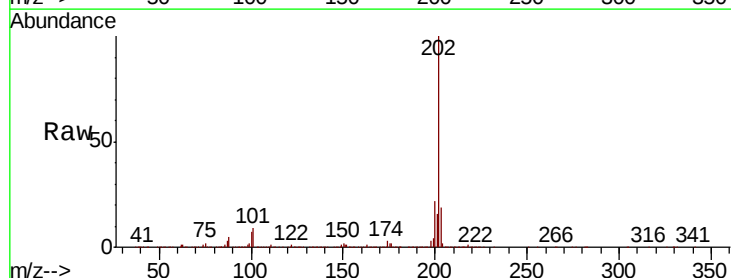
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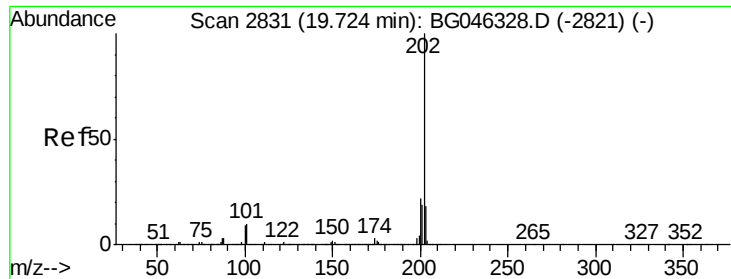
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#17
 Fluoranthene
 Concen: 25.328 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	6.9	5.9	8.9





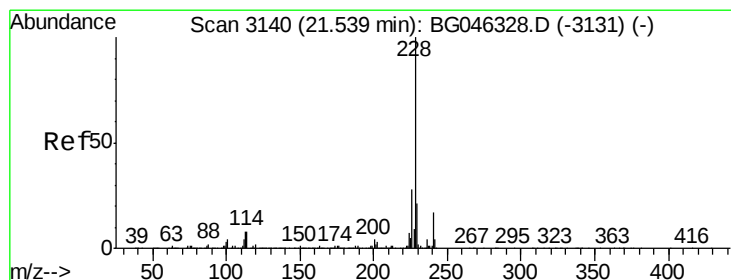
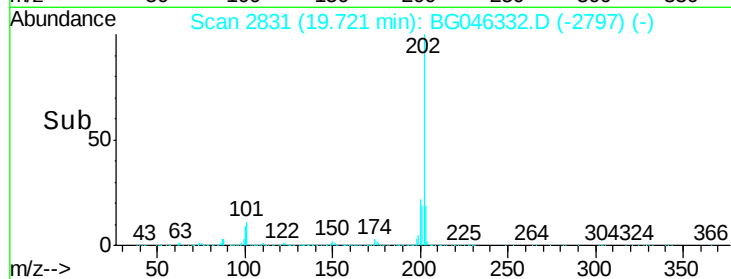
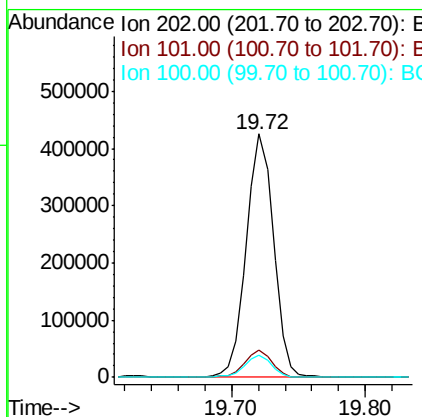
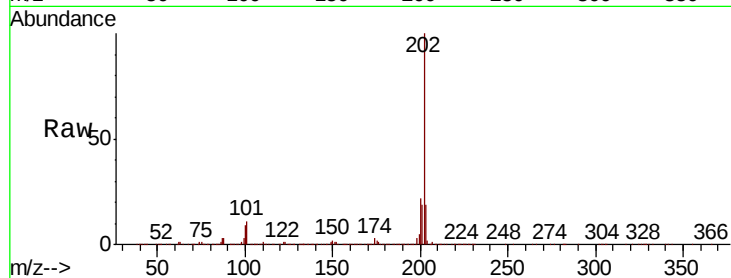
#20
Pvrene
Concen: 17.251 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046332.D
Acq: 18 Aug 2020 17:50

Instrument :
BNA_G
ClientSampleId :
BFMK6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.0	7.9	11.9

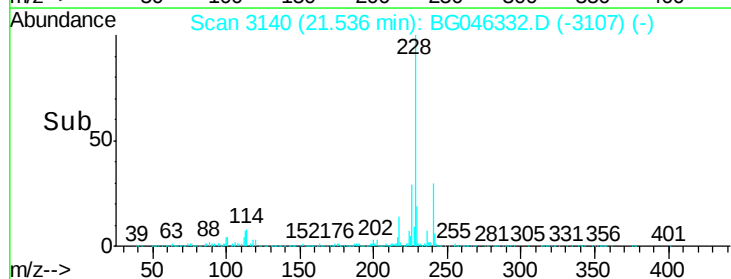
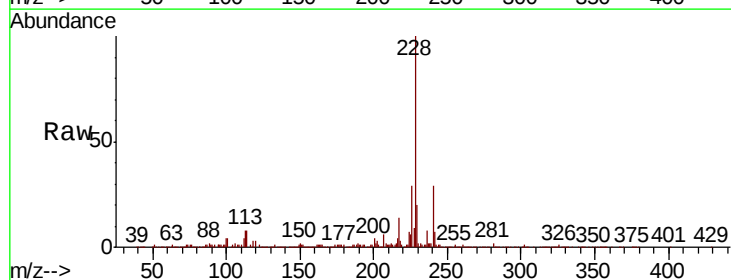
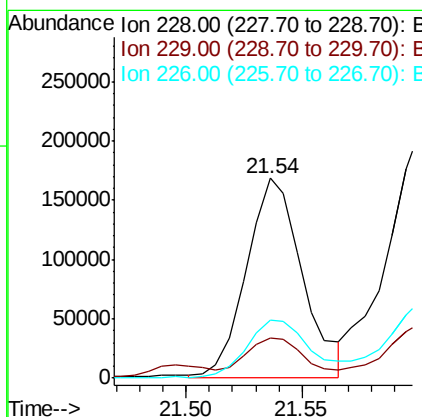
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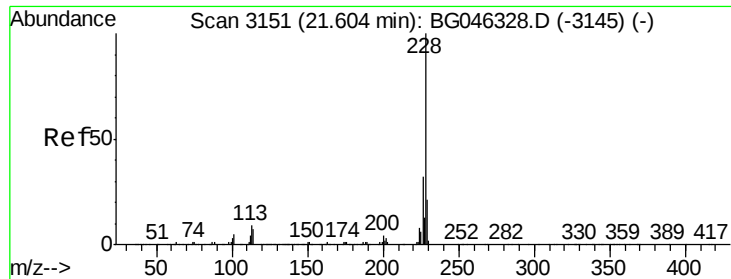
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#21
Benzo(a)anthracene
Concen: 8.225 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046332.D
Acq: 18 Aug 2020 17:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.8	16.6	25.0
226	29.1	22.6	33.8





#22

Chrysene

Concen: 10.757 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Instrument :

BNA_G

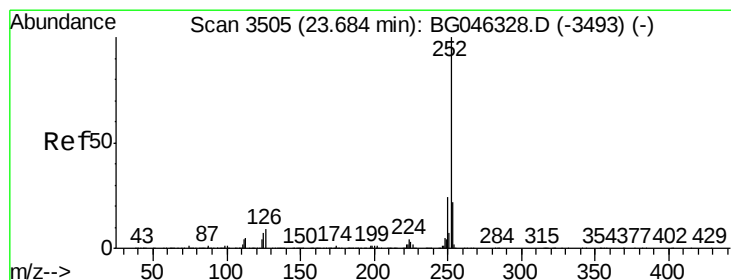
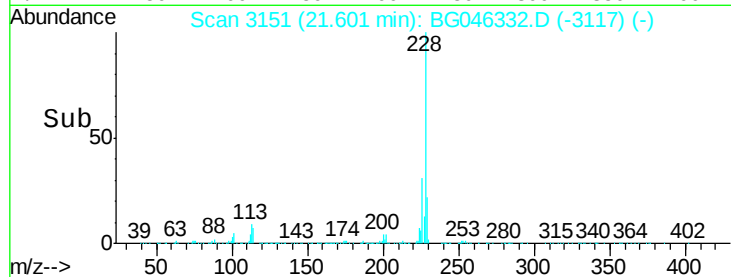
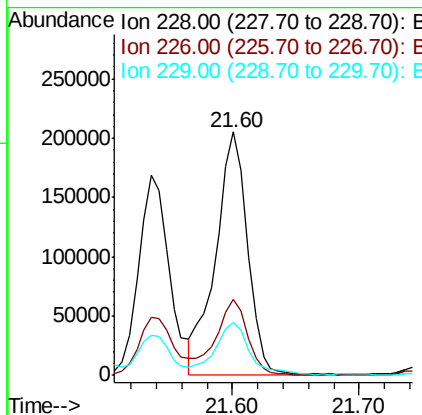
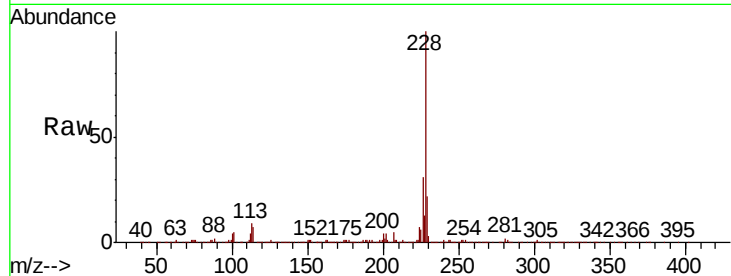
ClientSampled :

BFMK6

Tot Ion:	228	Resp:	356858
Ion Ratio		Lower	Upper
228	100		
226	31.1	25.5	38.3
229	22.0	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 12.264 ng/ul

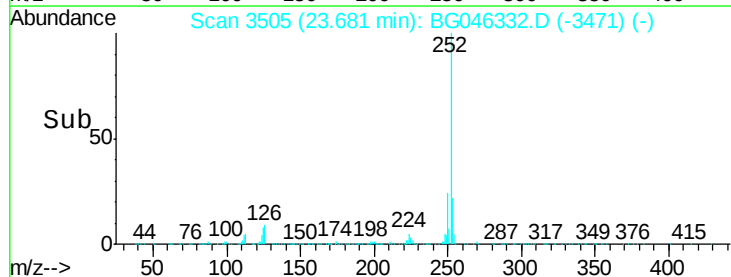
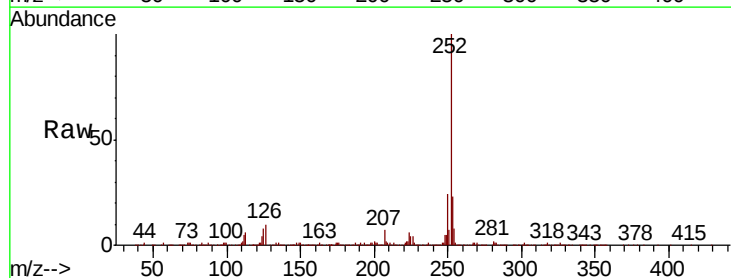
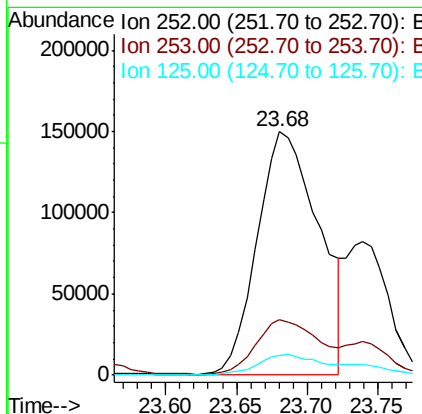
RT: 23.68 min Scan# 3505

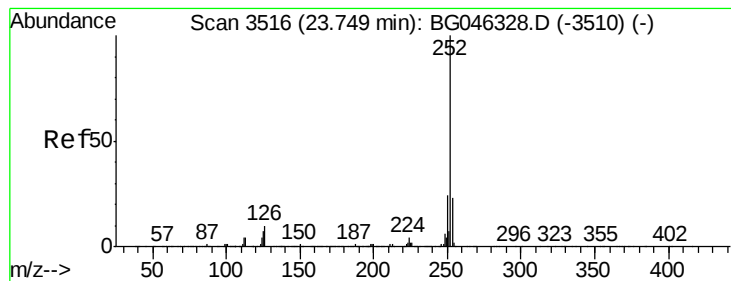
Delta R.T. -0.00 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Tgt Ion:	252	Resp:	453973
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	8.0	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 4.748 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Instrument :

BNA_G

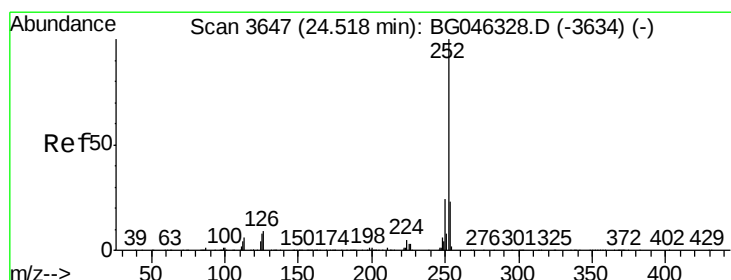
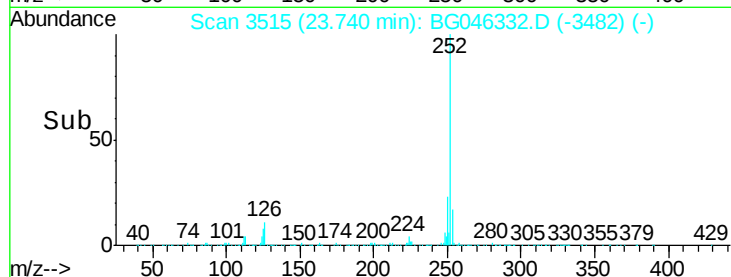
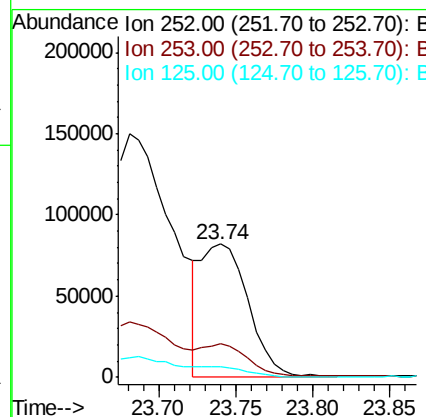
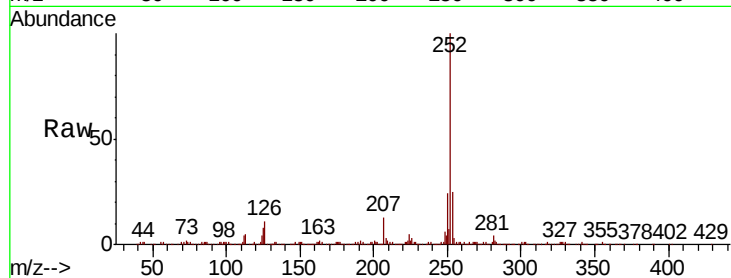
ClientSampleId :

BFMK6

Tot Ion:	252	Resp:	174363
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.5	27.7
125	8.4	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 7.470 ng/ul

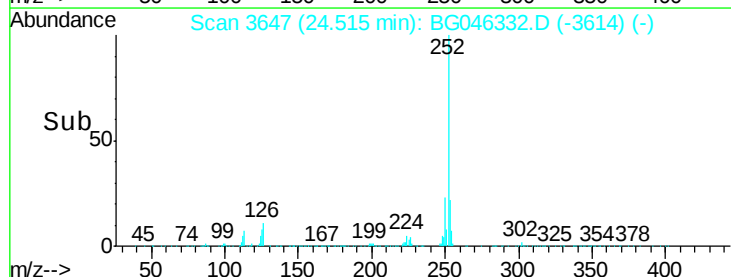
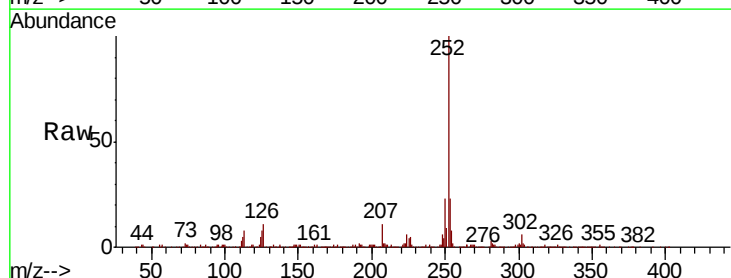
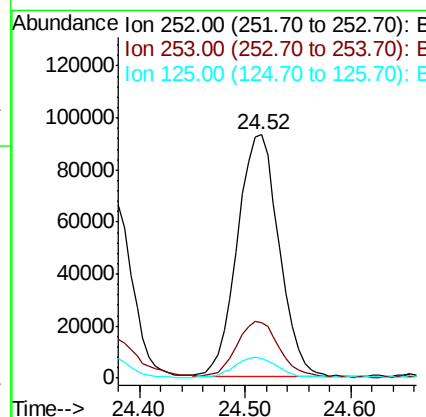
RT: 24.52 min Scan# 3647

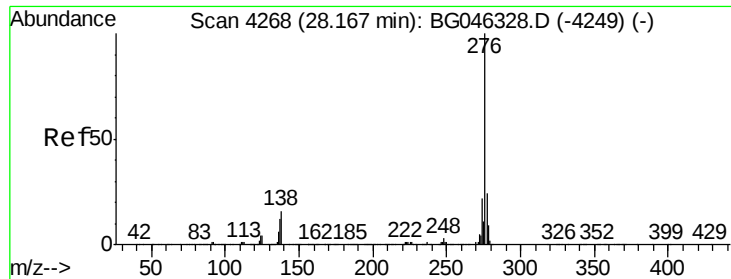
Delta R.T. -0.01 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Tgt Ion:	252	Resp:	253848
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.0	7.1	10.7





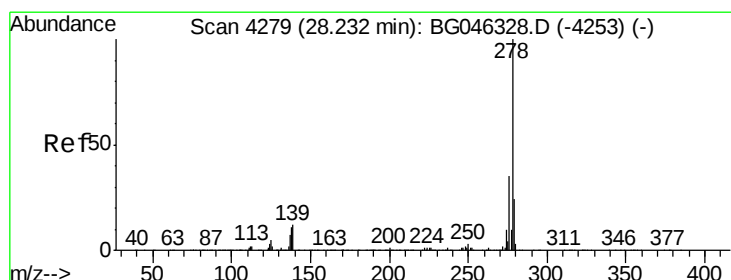
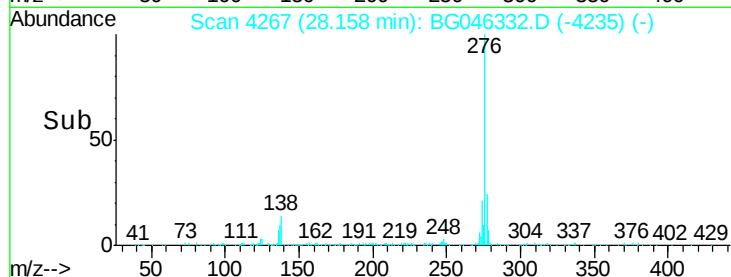
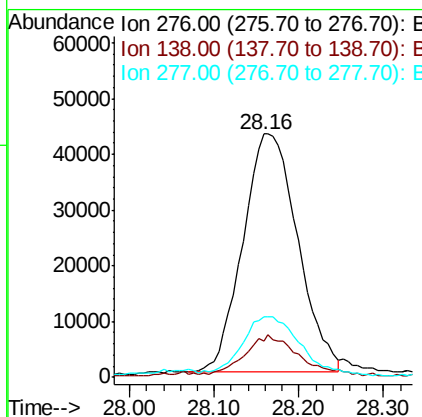
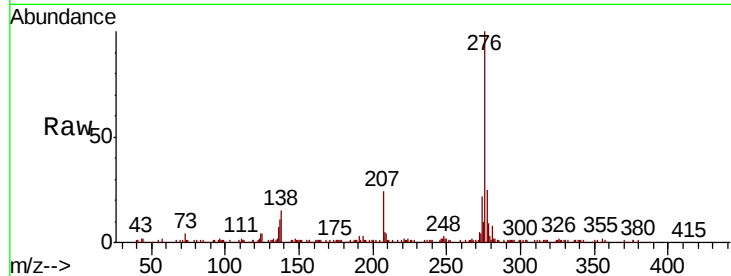
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.542 ng/ul
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Instrument :
 BNA_G
 ClientSampleID :
 BFMK6

Tot Ion:	276	Resp:	193270
Ion Ratio	Lower	Upper	
276	100		
138	14.9	13.2	19.8
277	25.0	19.9	29.9

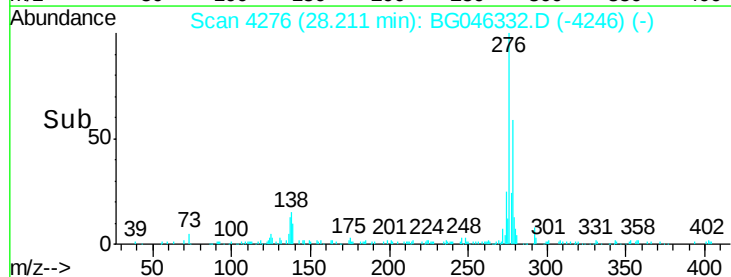
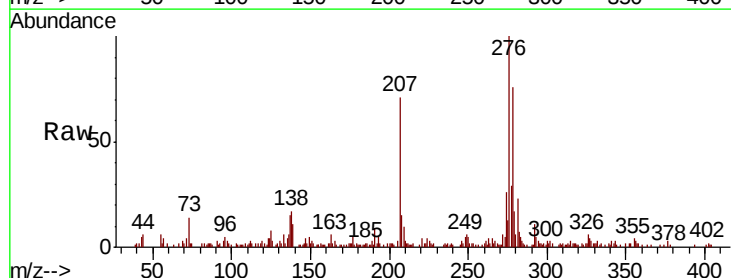
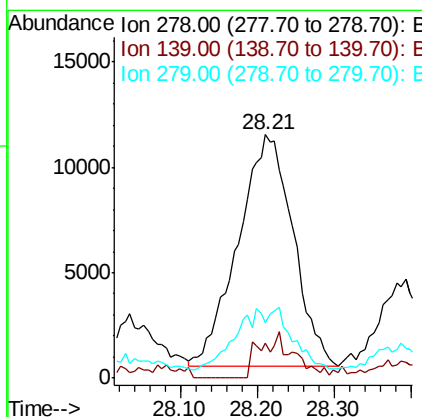
Manual Integrations
 APPROVED

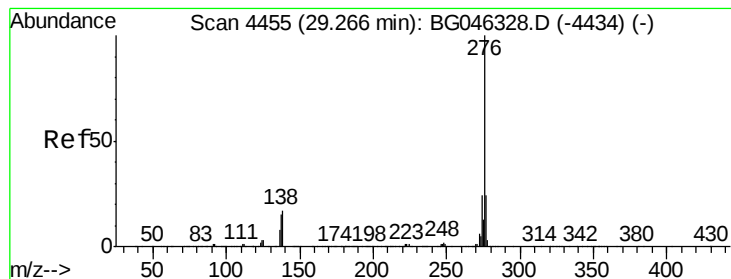
mohammad
 8/19/2020 2:17:36 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 1.575 ng/ul
 RT: 28.21 min Scan# 4276
 Delta R.T. -0.03 min
 Lab File: BG046332.D
 Acq: 18 Aug 2020 17:50

Tgt Ion:	278	Resp:	54357
Ion Ratio	Lower	Upper	
278	100		
139	14.4	9.8	14.8
279	22.9	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 3.559 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG046332.D

Acq: 18 Aug 2020 17:50

Instrument :

BNA_G

ClientSampleId :

BFMK6

Tot Ion:	276	Resp:	126746
Ion Ratio	Lower	Upper	
276	100		
138	17.0	12.9	19.3
277	22.0	19.4	29.0

Manual Integrations
APPROVED

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