

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046411.D
 Acq On : 21 Aug 2020 13:20
 Operator : CG/JU
 Sample : L3635-16
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ2

Manual Integrations
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Quant Time: Aug 21 14:01:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93202	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	384134	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	246117	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	519502	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	500131	20.00	ng/ul	0.01
23) Perylene-d12	24.68	264	563318	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	125201	18.93	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	448267	19.79	ng/ul	0.00
10) Fluorene-d10	15.56	176	342495	19.73	ng/ul	0.00
15) Anthracene-d10	17.41	188	477155	19.81	ng/ul	0.00
19) Pyrene-d10	19.70	212	519922	20.20	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	574494	18.69	ng/ul	0.02
Target Compounds						
						Qvalue
4) Naphthalene	10.79	128	43645	2.184	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	18113	1.189	ng/ul	93
8) Acenaphthylene	14.29	152	54854	2.382	ng/ul	100
9) Acenaphthene	14.63	153	37312	2.269	ng/ul	98
11) Fluorene	15.61	166	83578	4.347	ng/ul	95
14) Phenanthrene	17.35	178	1022922	35.792	ng/ul	97
16) Anthracene	17.45	178	289055	10.024	ng/ul	99
17) Fluoranthene	19.37	202	1461707	45.868	ng/ul	98
20) Pyrene	19.73	202	1271110	38.719	ng/ul	99
21) Benzo(a)anthracene	21.54	228	950662	29.215	ng/ul	95
22) Chrysene	21.61	228	819120	26.040	ng/ul	96
24) Benzo(b)fluoranthene	23.70	252	1004940	26.977	ng/ul	96
25) Benzo(k)fluoranthene	23.76	252	381895m	10.335	ng/ul	
27) Benzo(a)pyrene	24.53	252	711931	20.817	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.21	276	360923	8.429	ng/ul	100
29) Dibenzo(a,h)anthracene	28.25	278	115325	3.322	ng/ul#	88
30) Benzo(a,h,i)perylene	29.30	276	261616	7.300	ng/ul	97

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

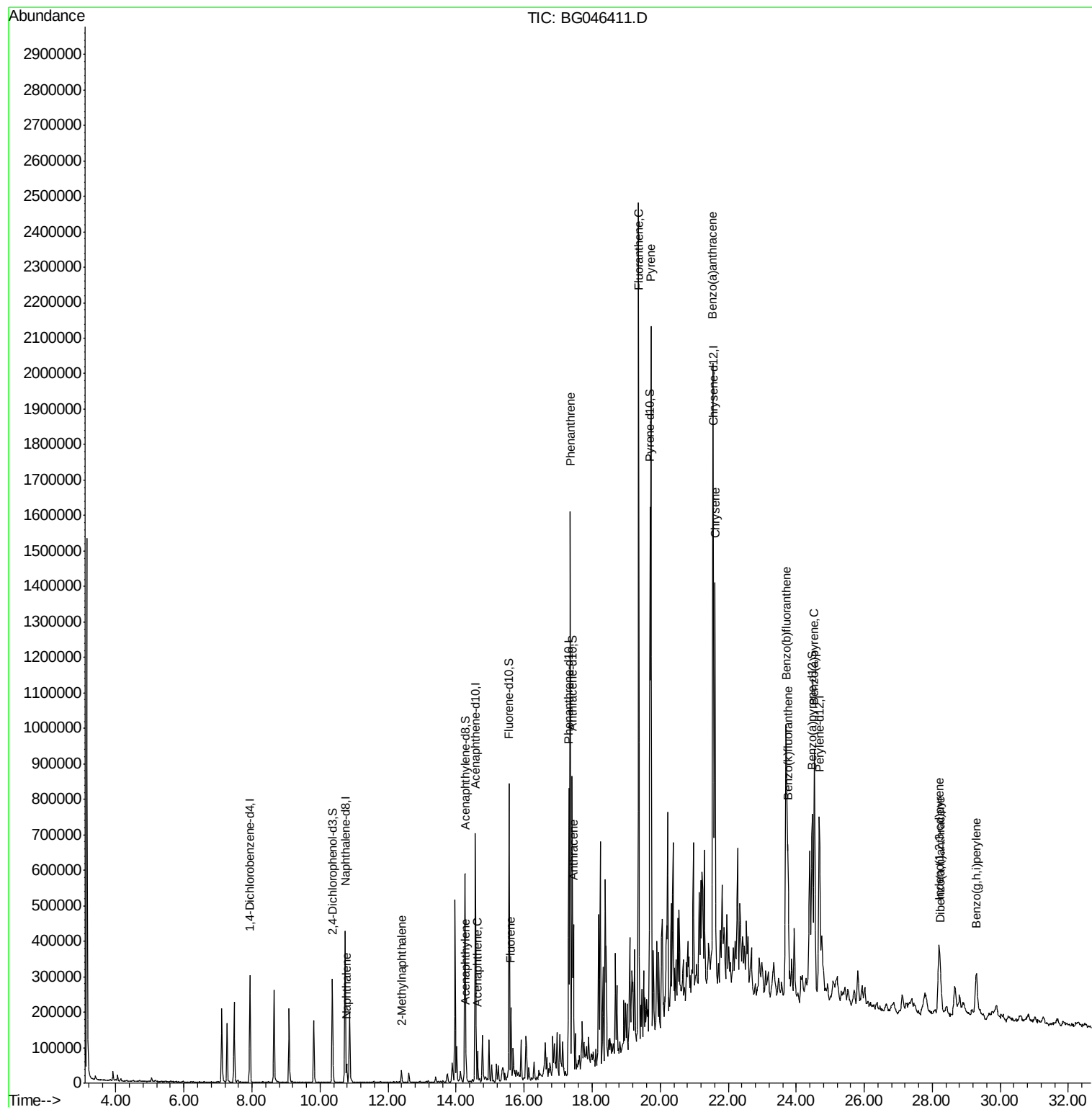
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046411.D
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Misc :
ALS Vial : 75 Sample Multiplier: 1

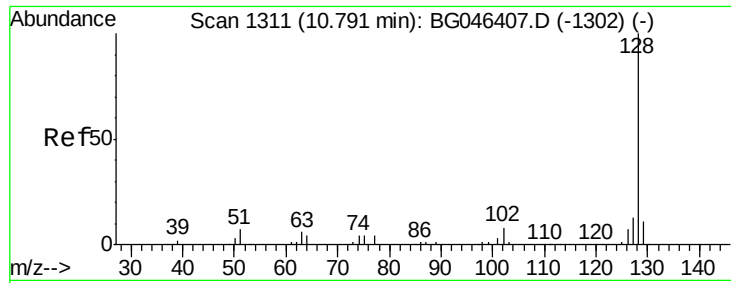
Instrument :
BNA_G
ClientSampleId :
BFMJ2

Quant Time: Aug 21 14:01:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 11:14:19 2020
Response via : Initial Calibration

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#4

Naphthalene

Concen: 2.184 ng/ul

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG046411.D

Acq: 21 Aug 2020 13:20

Instrument :

BNA_G

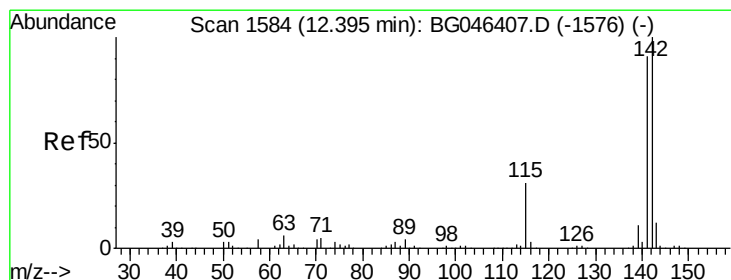
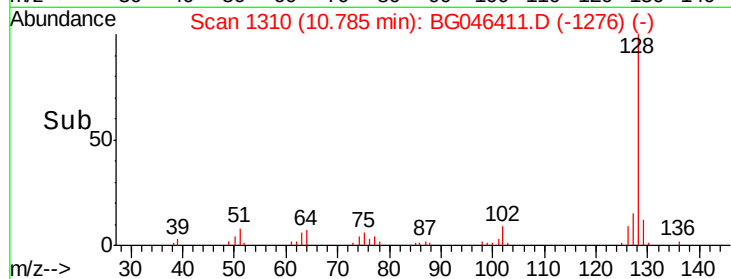
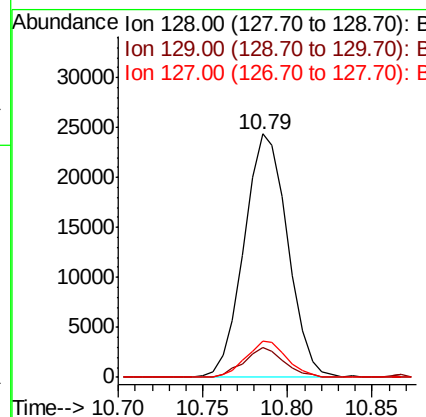
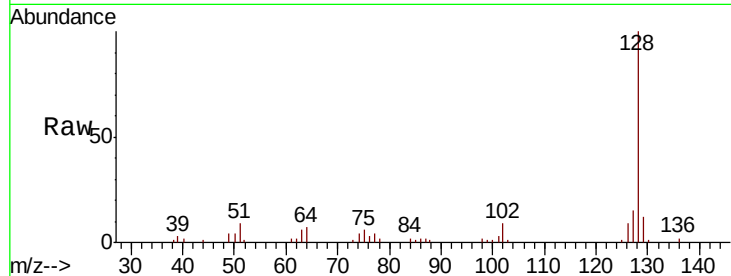
ClientSampleId :

BFMJ2

Tot Ion:128	Resp:	43645
Ion Ratio	Lower	Upper
128 100		
129 12.3	9.0	13.6
127 14.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.189 ng/ul

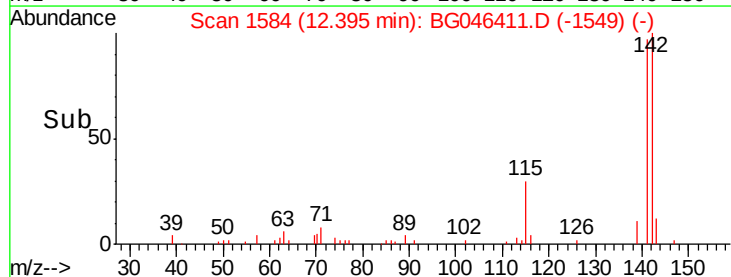
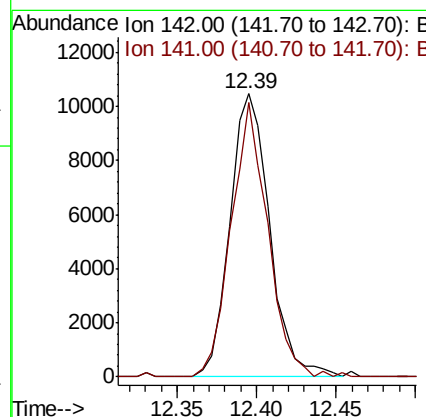
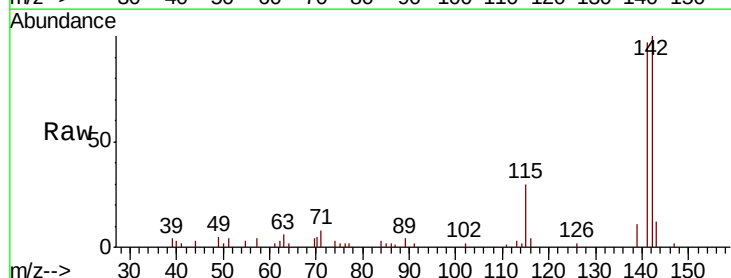
RT: 12.39 min Scan# 1584

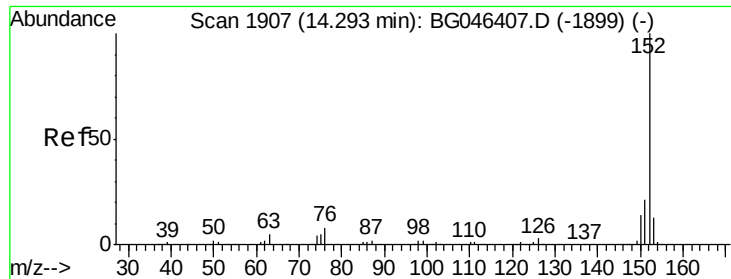
Delta R.T. 0.01 min

Lab File: BG046411.D

Acq: 21 Aug 2020 13:20

Tgt Ion:142	Resp:	18113
Ion Ratio	Lower	Upper
142 100		
141 96.8	72.5	108.7





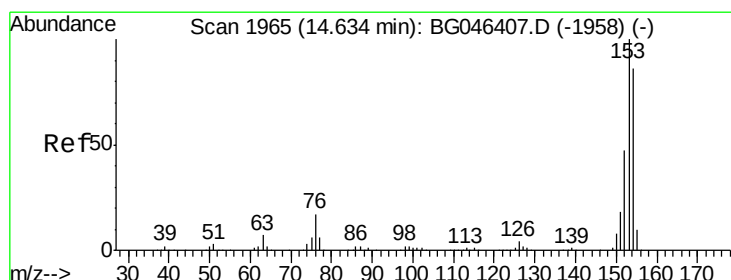
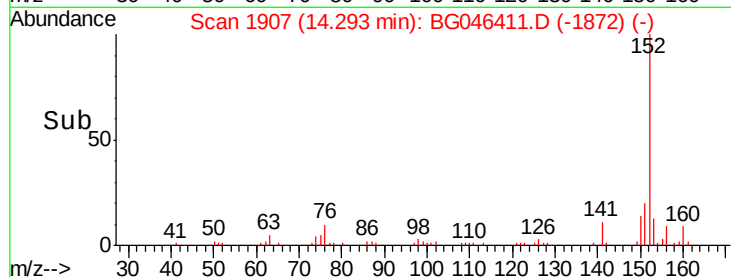
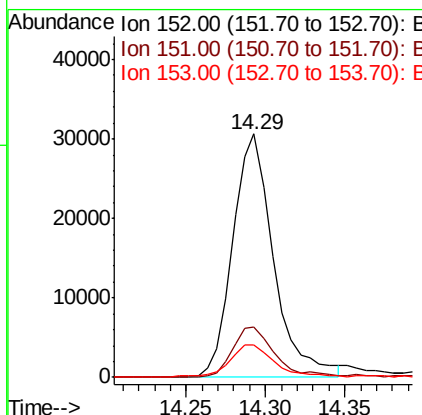
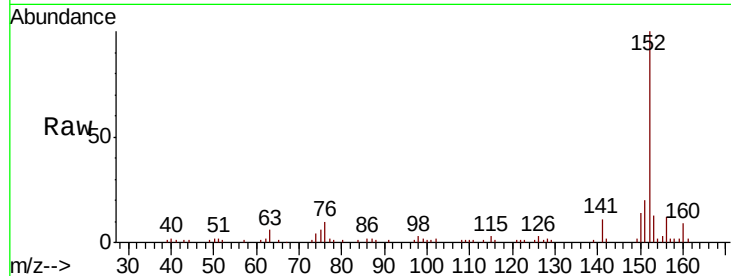
#8
Acenaphthylene
Concen: 2.382 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Instrument :
BNA_G
ClientSampleId :
BFMJ2

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.5	11.0	16.6

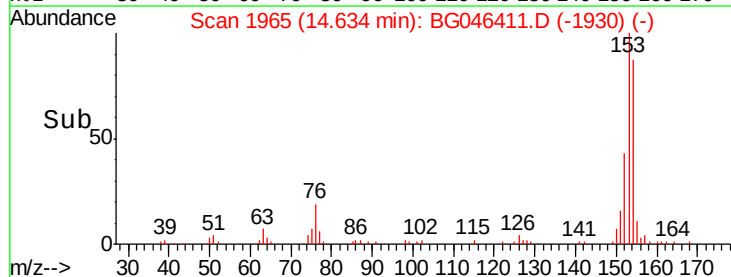
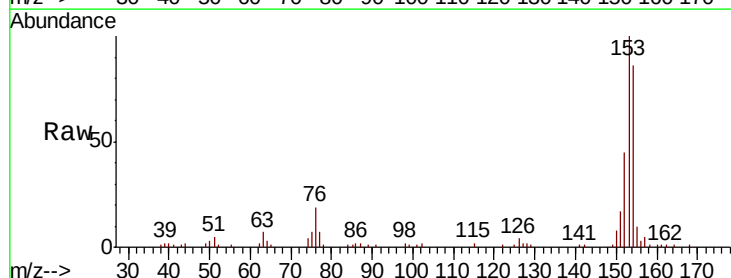
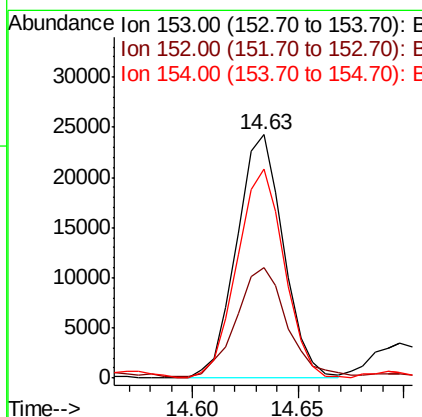
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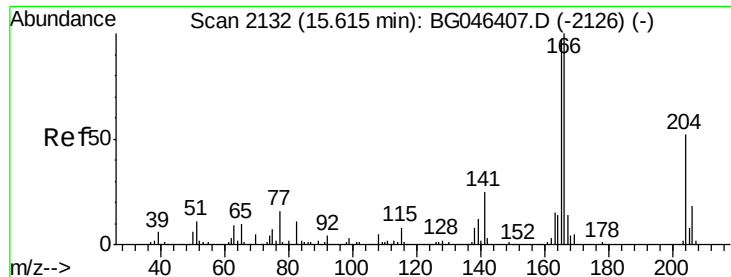
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#9
Acenaphthene
Concen: 2.269 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.2	55.8
154	86.0	67.8	101.6





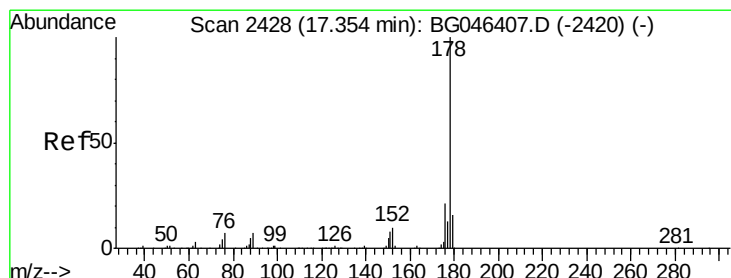
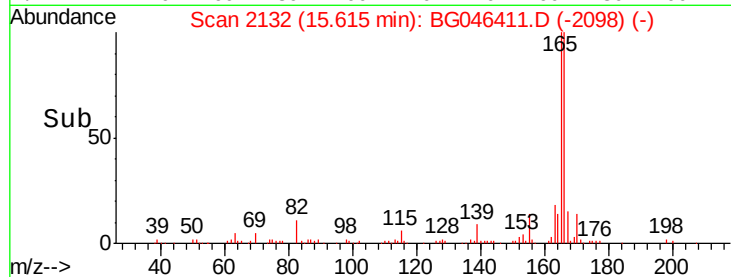
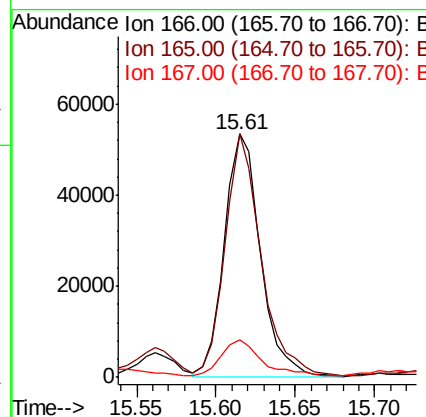
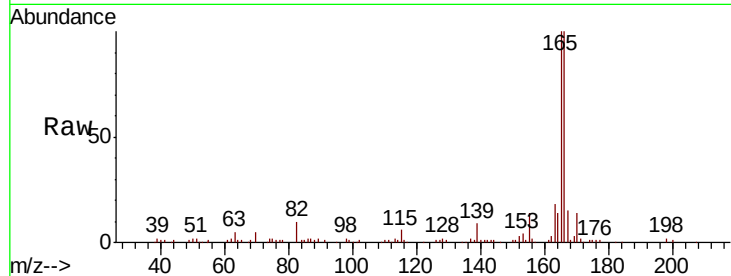
#11
Fluorene
 Concen: 4.347 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046411.D
 Acq: 21 Aug 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ2

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	75.9	113.9
167	15.3	10.7	16.1

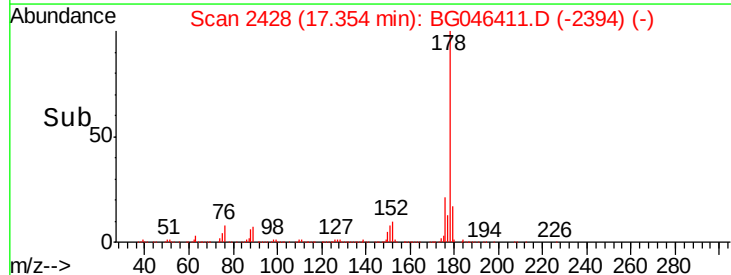
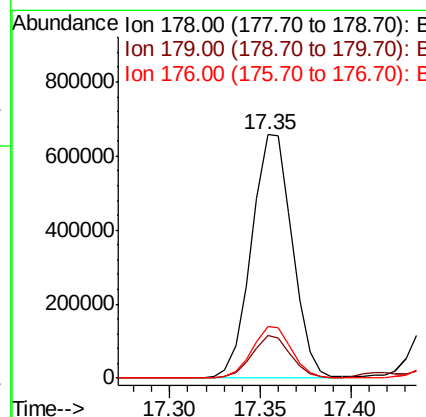
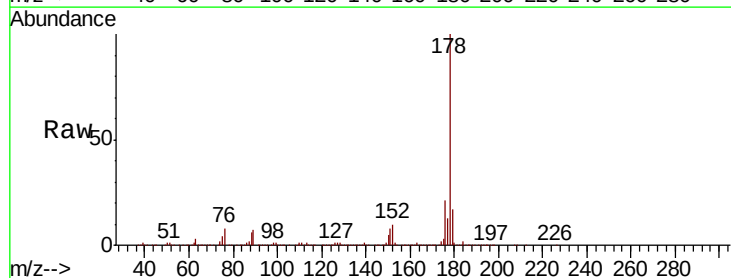
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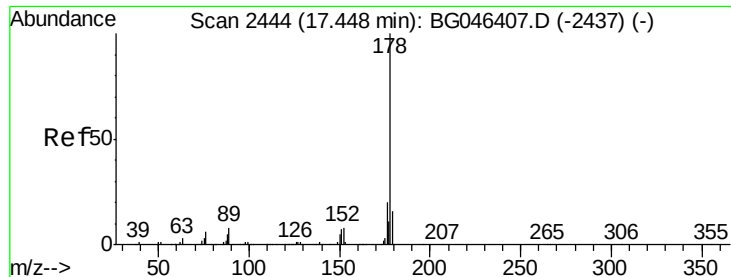
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#14
Phenanthrene
 Concen: 35.792 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046411.D
 Acq: 21 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	21.3	15.8	23.8





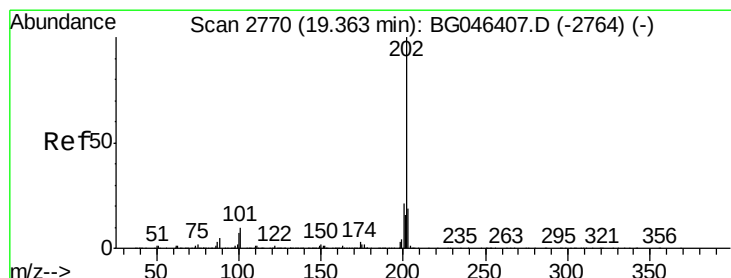
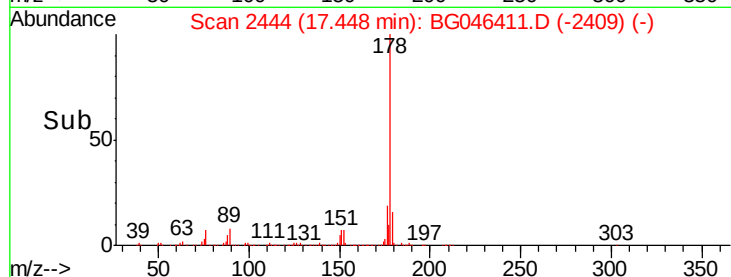
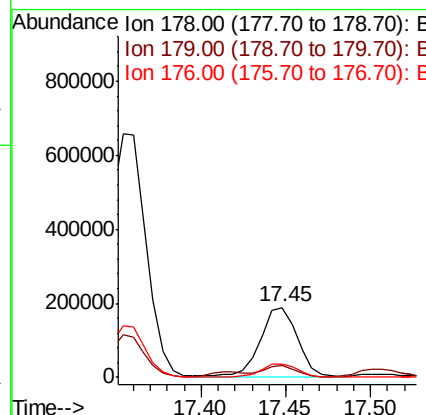
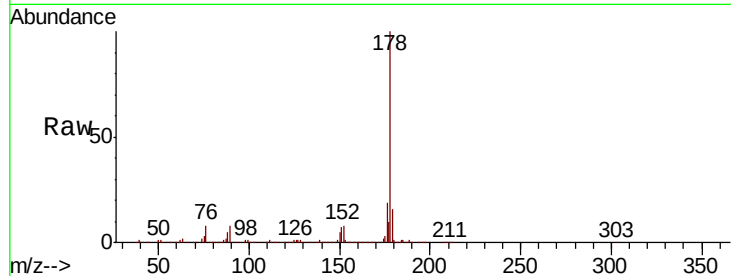
#16
 Anthracene
 Concen: 10.024 ng/ul
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG046411.D
 Acq: 21 Aug 2020 13:20

Instrument :
 BNA_G
 ClientSampled :
 BFMJ2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	19.3	15.2	22.8

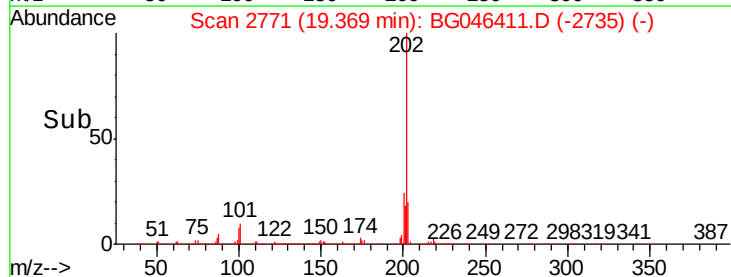
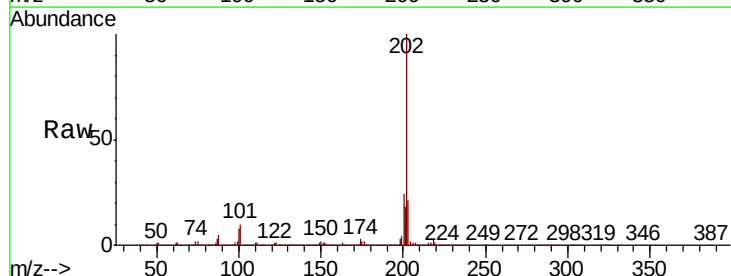
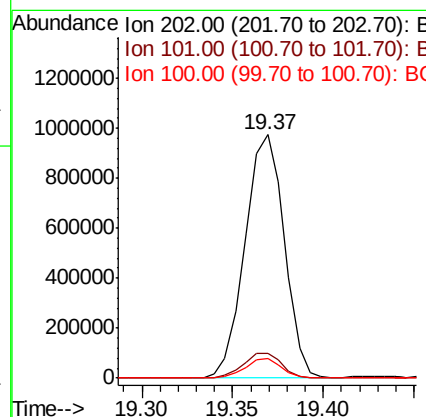
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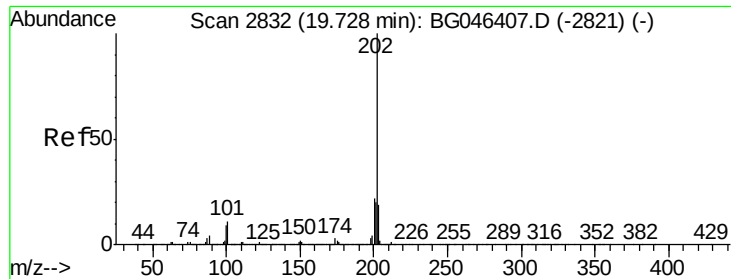
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#17
 Fluoranthene
 Concen: 45.868 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.01 min
 Lab File: BG046411.D
 Acq: 21 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.8	11.6
100	8.2	5.9	8.9





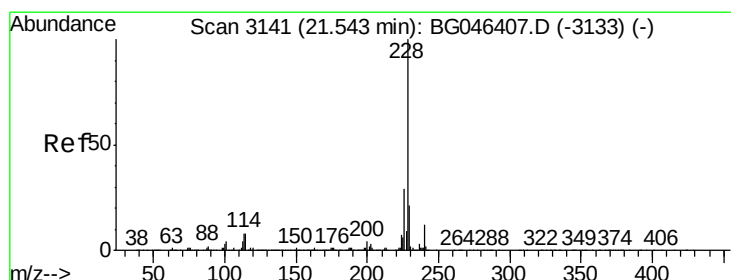
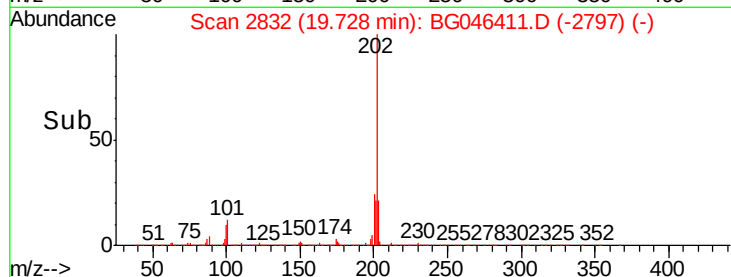
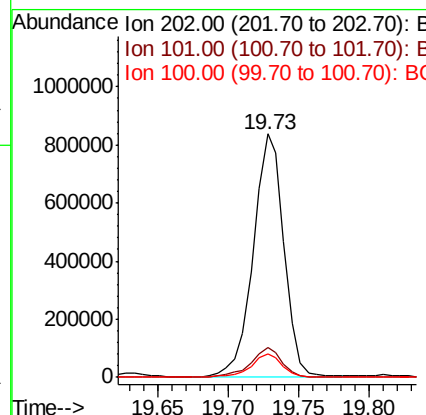
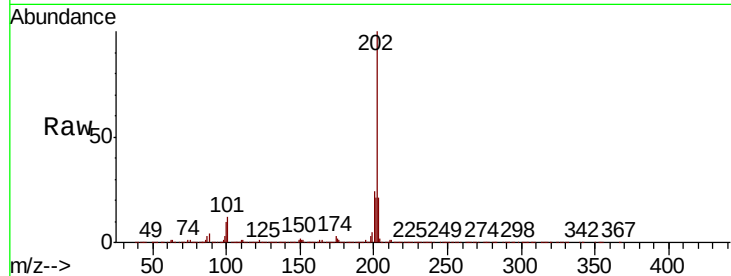
#20
Pvrene
Concen: 38.719 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Instrument :
BNA_G
ClientSampled :
BFMJ2

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	9.9	7.9	11.9

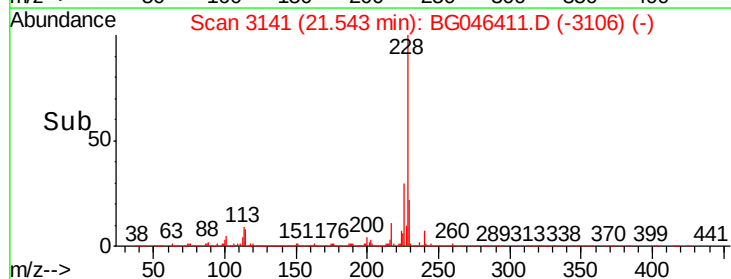
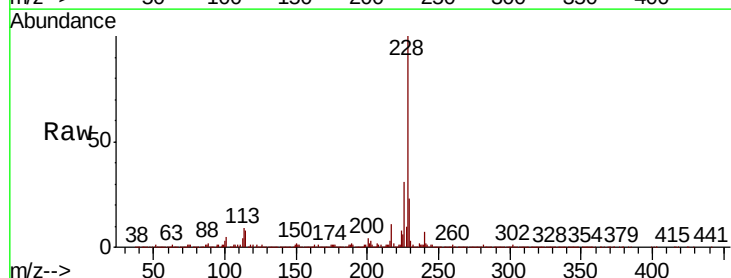
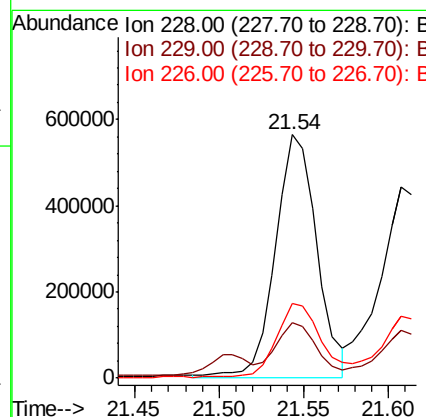
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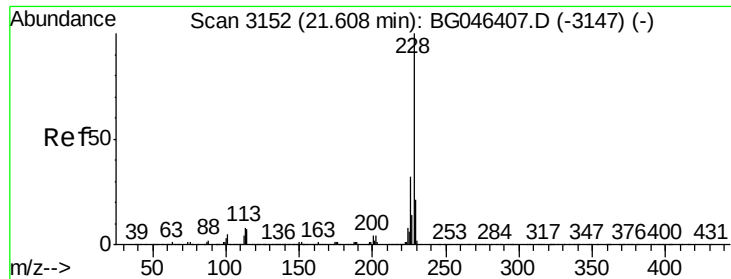
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#21
Benzo(a)anthracene
Concen: 29.215 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.6	25.0
226	30.8	22.6	33.8





#22

Chrysene

Concen: 26.040 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG046411.D

Acq: 21 Aug 2020 13:20

Instrument :

BNA_G

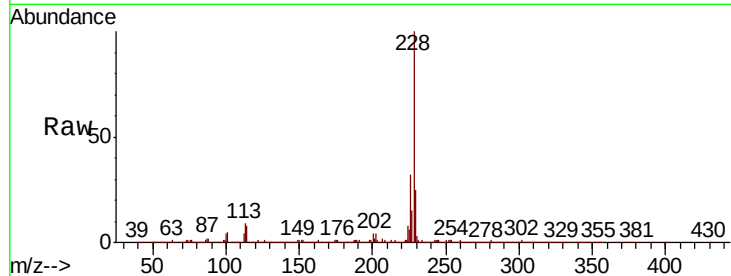
ClientSampled :

BFMJ2

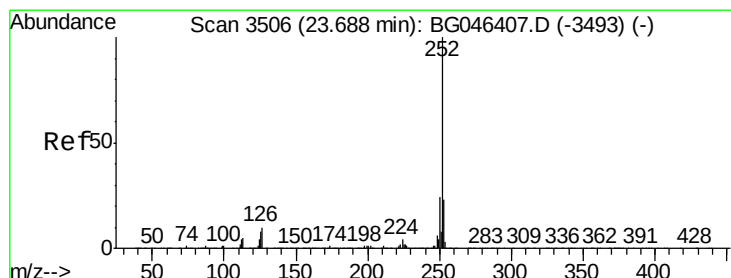
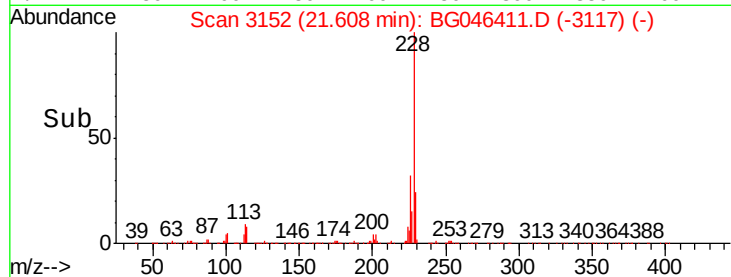
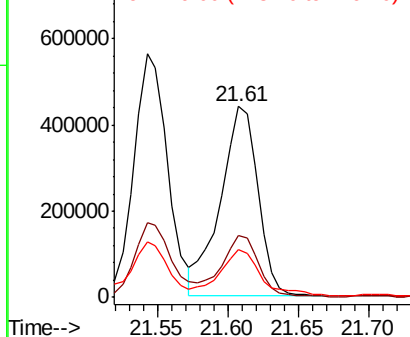
Tot Ion:	228	Resp:	819120
Ion Ratio	Lower	Upper	
228	100		
226	32.5	25.5	38.3
229	24.9	17.0	25.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 26.977 ng/ul

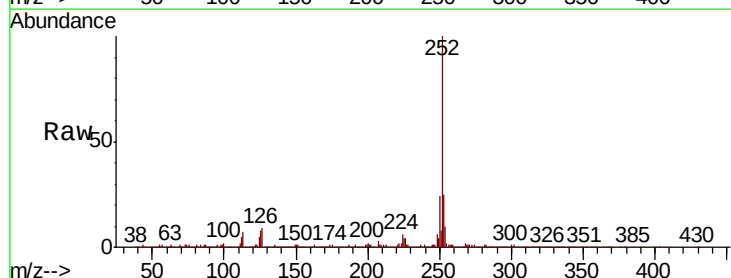
RT: 23.70 min Scan# 3508

Delta R.T. 0.02 min

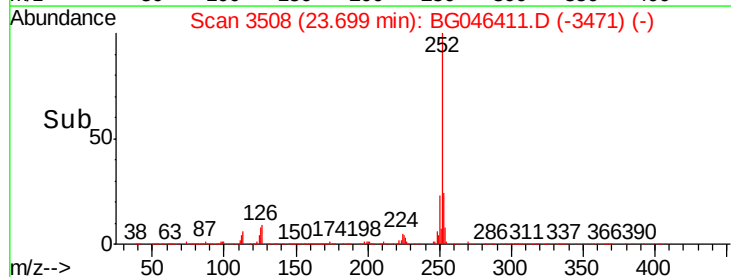
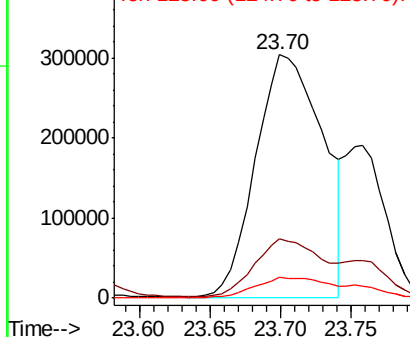
Lab File: BG046411.D

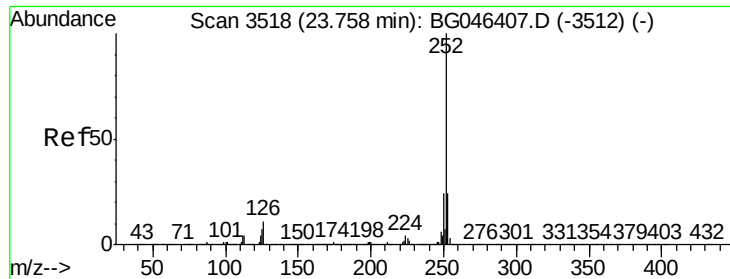
Acq: 21 Aug 2020 13:20

Tgt Ion:	252	Resp:	1004940
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.8	26.6
125	8.4	6.4	9.6



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





#25

Benzo(k)fluoranthene

Concen: 10.335 ng/ul m

RT: 23.76 min Scan# 3518

Delta R.T. 0.01 min

Lab File: BG046411.D

Acq: 21 Aug 2020 13:20

Instrument :

BNA_G

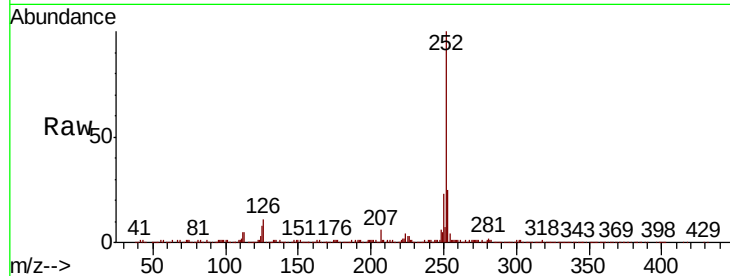
ClientSampleId :

BFMJ2

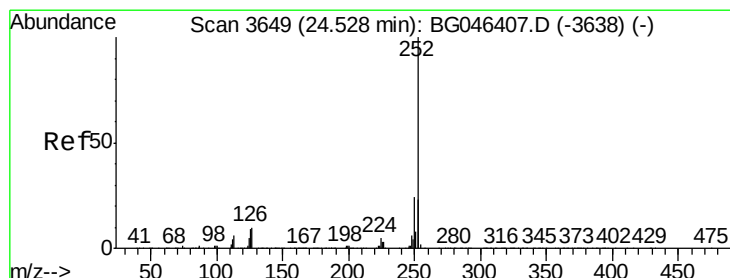
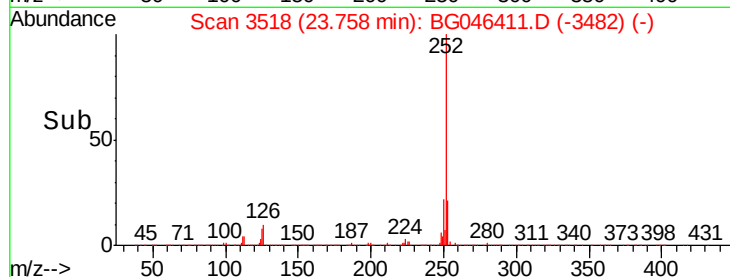
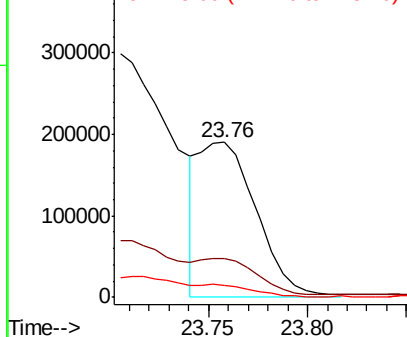
Tot Ion:	252	Resp:	381895
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.5	27.7
125	7.8	6.2	9.2

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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: 20.817 ng/ul

RT: 24.53 min Scan# 3650

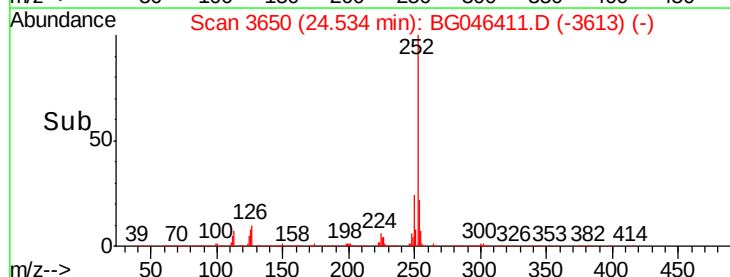
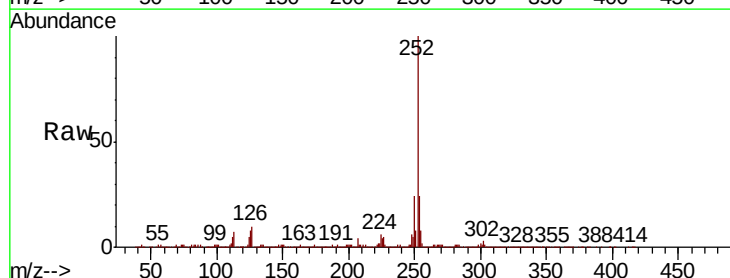
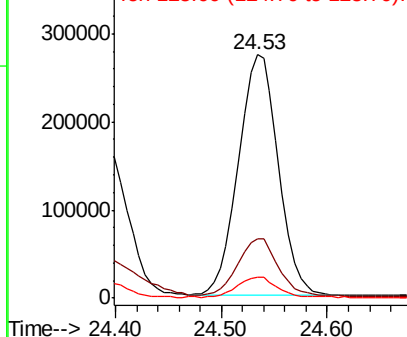
Delta R.T. 0.02 min

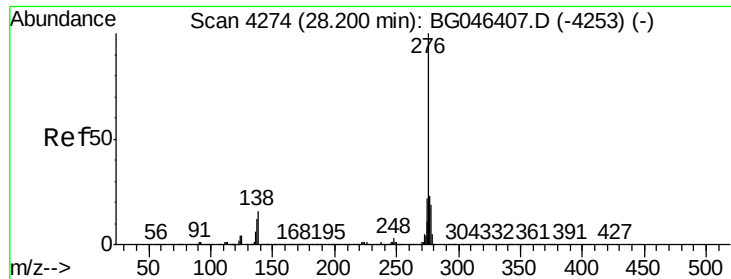
Lab File: BG046411.D

Acq: 21 Aug 2020 13:20

Tgt Ion:	252	Resp:	711931
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.8
125	8.5	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

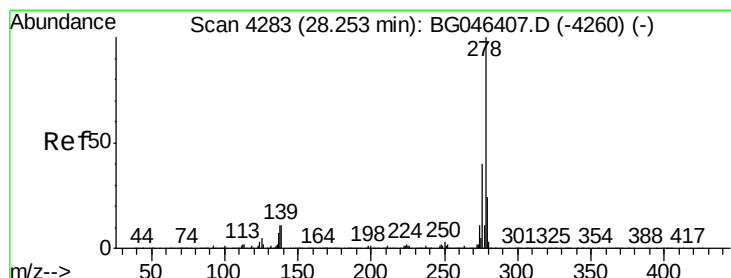
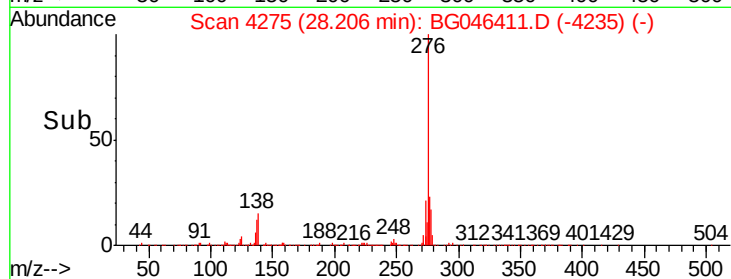
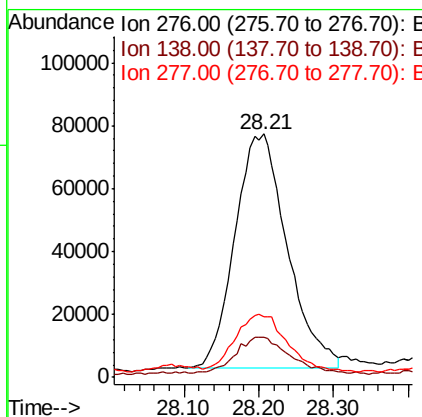
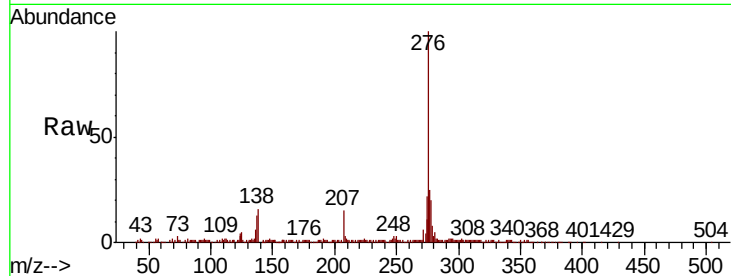
Indeno(1,2,3-cd)pyrene
Concen: 8.429 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. 0.03 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Instrument :
BNA_G
ClientSampled :
BFMJ2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.2	19.8
277	25.0	19.9	29.9

Manual Integrations
APPROVED

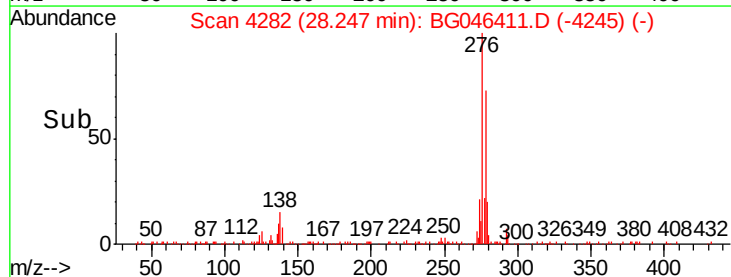
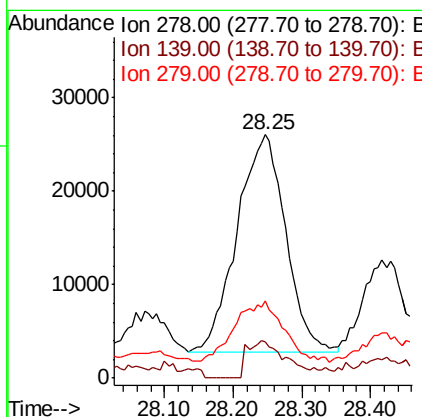
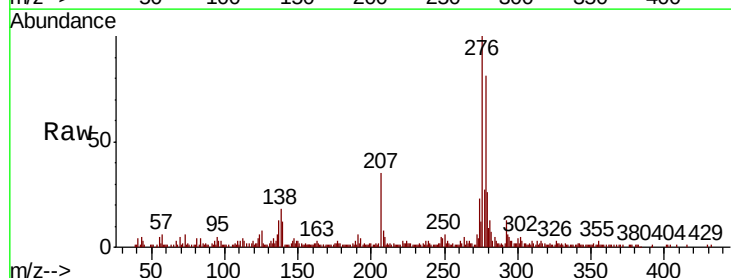
Sohil
8/24/2020 1:46:39 PM

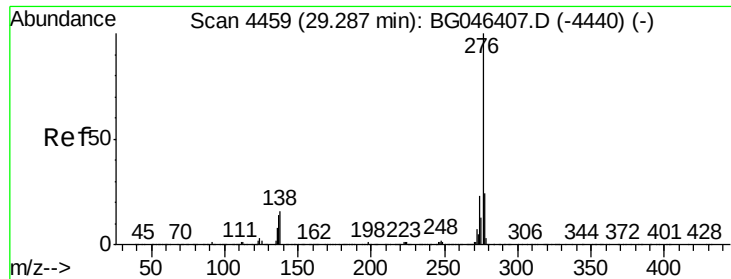


#29

Dibenzo(a,h)anthracene
Concen: 3.322 ng/ul
RT: 28.25 min Scan# 4282
Delta R.T. 0.02 min
Lab File: BG046411.D
Acq: 21 Aug 2020 13:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.8	14.8
279	31.7	19.7	29.5#





#30
 Benzo(a,h,i)perylene
 Concen: 7.300 ng/ul
 RT: 29.30 min Scan# 4461
 Delta R.T. 0.03 min
 Lab File: BG046411.D
 Acq: 21 Aug 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ2

Tot Ion:	276	Resp:	261616
Ion Ratio	Lower	Upper	
276	100		
138	17.3	12.9	19.3
277	25.5	19.4	29.0

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:46:39 PM

