

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046301.D
 Acq On : 17 Aug 2020 17:11
 Operator : CG/JU
 Sample : L3632-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM87

Manual Integrations
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Quant Time: Aug 18 01:49:17 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	67414	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	284845	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	206907	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	510186	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	502489	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	542379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	163877	33.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	670939	35.24	ng/ul	0.00
10) Fluorene-d10	15.56	176	514703	35.27	ng/ul	0.00
15) Anthracene-d10	17.41	188	806079	34.08	ng/ul	0.00
19) Pyrene-d10	19.69	212	945462	36.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1062514	35.90	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.78	128	30907	2.086	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	27017	2.392	ng/ul	91
8) Acenaphthylene	14.29	152	75418m	3.896	ng/ul	
9) Acenaphthene	14.63	153	32341	2.339	ng/ul	96
11) Fluorene	15.61	166	65452	4.049	ng/ul	99
14) Phenanthrene	17.35	178	1679057	59.823	ng/ul	95
16) Anthracene	17.44	178	131949	4.659	ng/ul	99
17) Fluoranthene	19.37	202	1933849	61.792	ng/ul	97
20) Pyrene	19.72	202	1670062	50.633	ng/ul	97
21) Benzo(a)anthracene	21.53	228	719277	22.001	ng/ul	98
22) Chrysene	21.60	228	980325	31.018	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	1236345	34.471	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	422100m	11.864	ng/ul	
27) Benzo(a)pyrene	24.52	252	785960	23.869	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	619317	15.021	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	155605	4.655	ng/ul	95
30) Benzo(g,h,i)perylene	29.26	276	529221	15.337	ng/ul	99

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

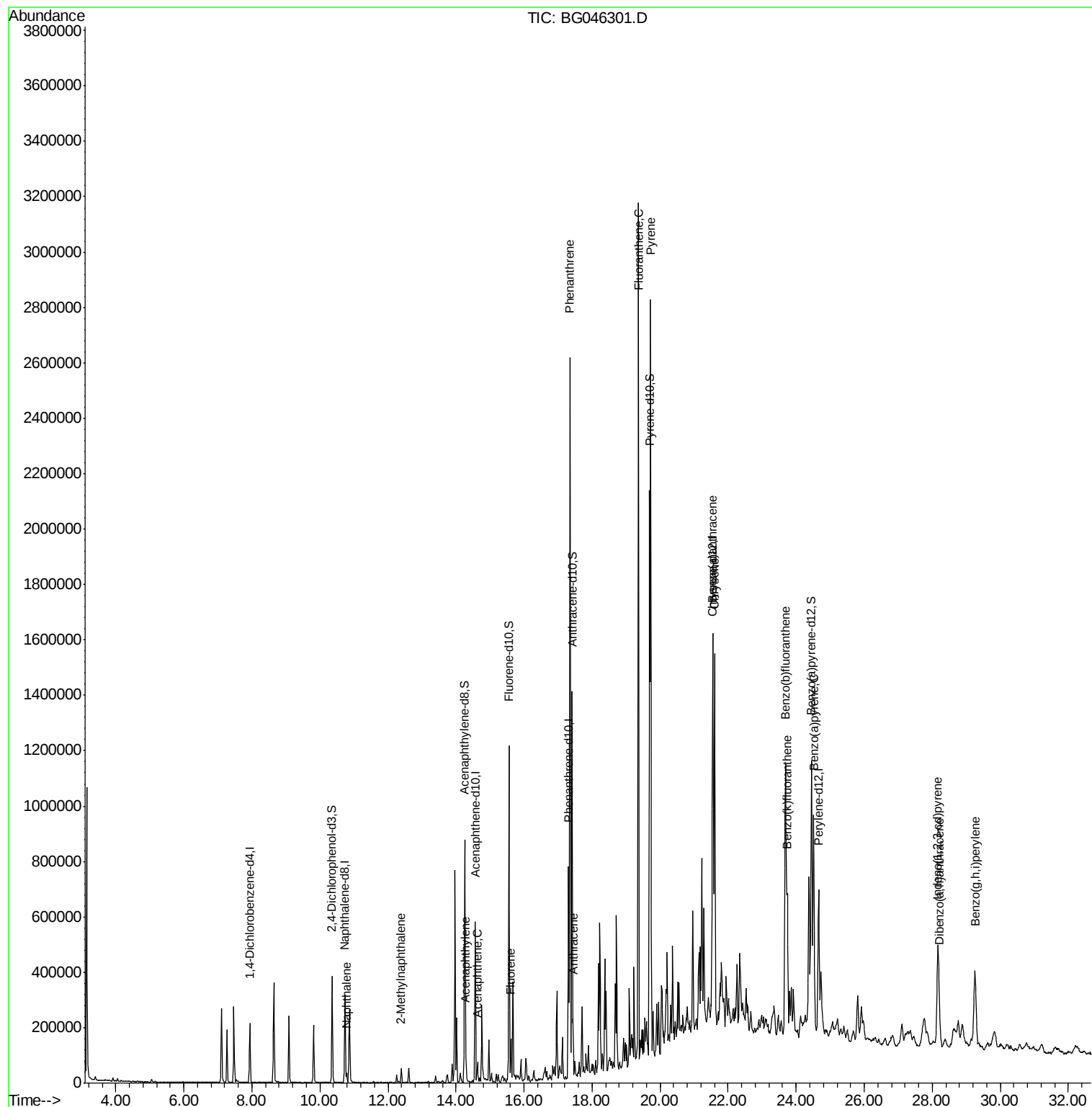
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

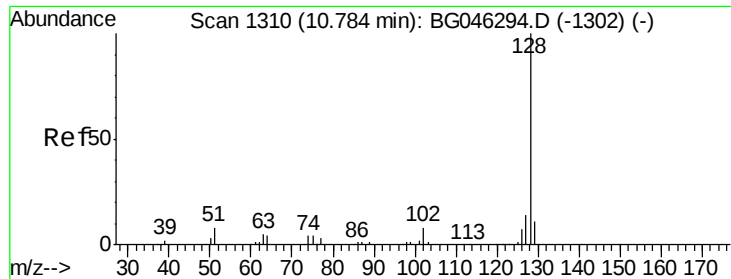
Instrument :
BNA_G
ClientSampleId :
BFM87

Quant Time: Aug 18 01:49:17 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
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#4

Naphthalene

Concen: 2.086 ng/ul

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Instrument :

BNA_G

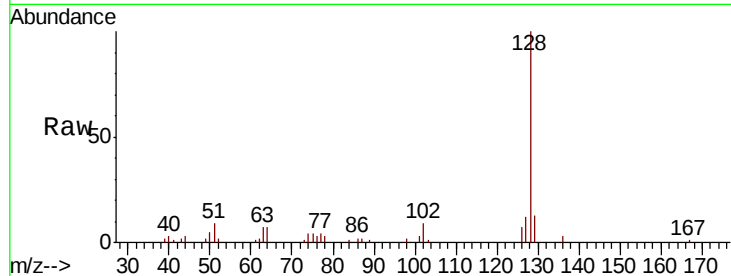
ClientSampleId :

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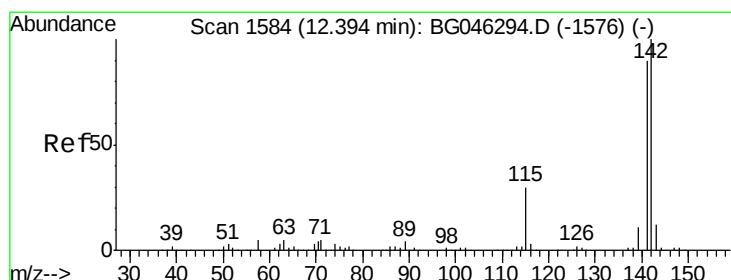
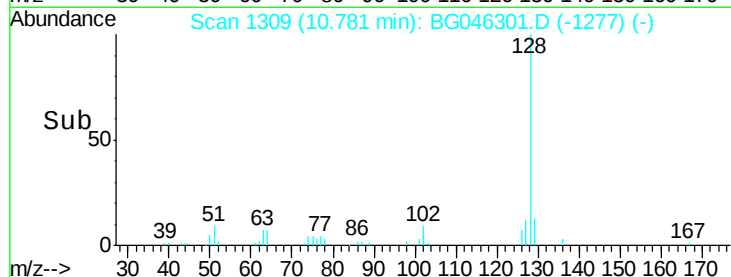
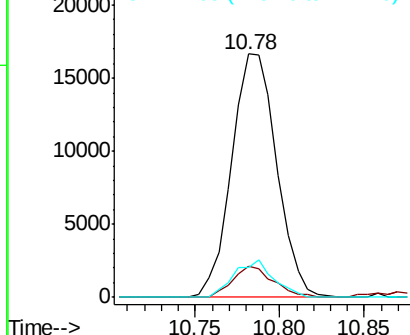
Tot Ion:128	Resp:	30907
Ion Ratio	Lower	Upper
128	100	
129	12.8	9.0 13.6
127	12.4	10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 2.392 ng/ul

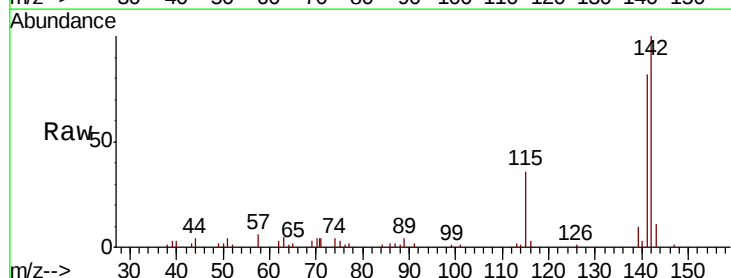
RT: 12.39 min Scan# 1583

Delta R.T. -0.01 min

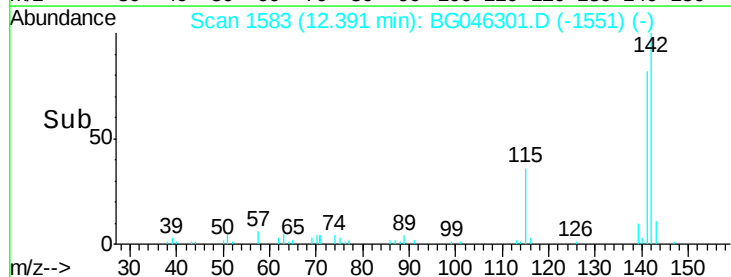
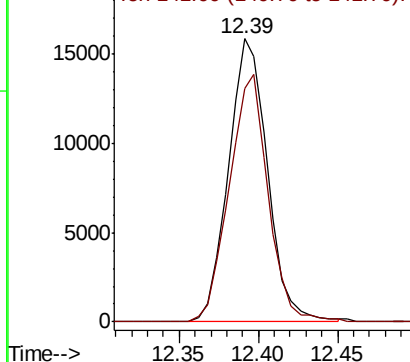
Lab File: BG046301.D

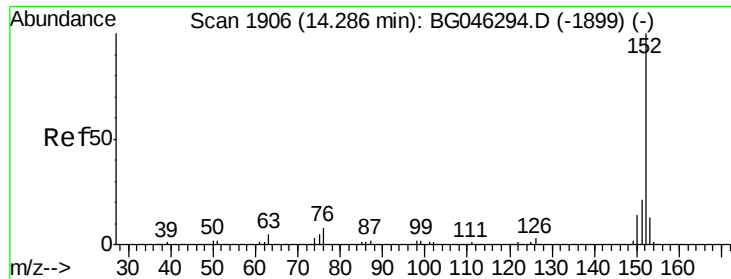
Acq: 17 Aug 2020 17:11

Tgt Ion:142	Resp:	27017
Ion Ratio	Lower	Upper
142	100	
141	82.3	72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthylene

Concen: 3.896 ng/ul m

RT: 14.29 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Instrument :

BNA_G

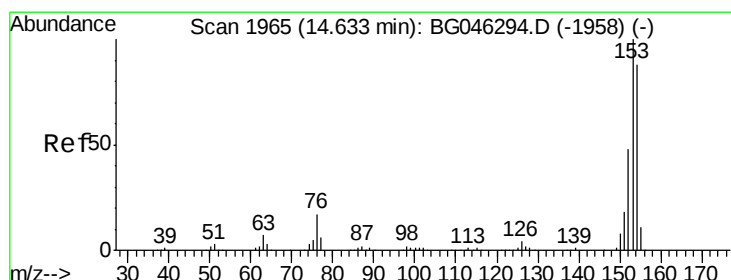
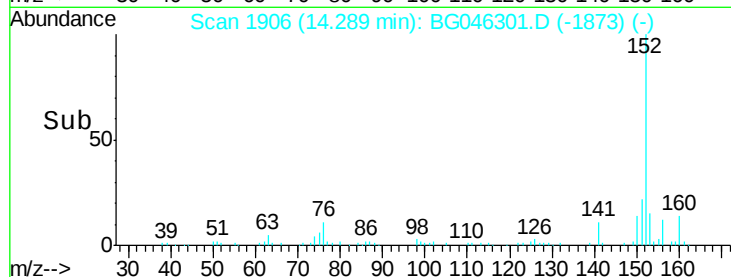
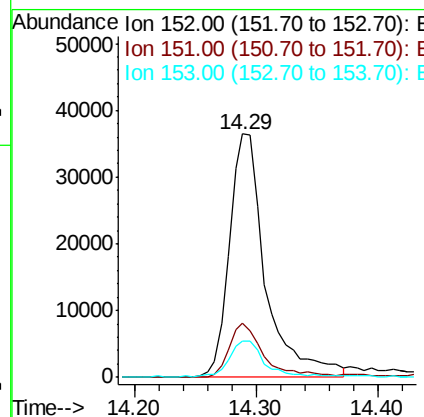
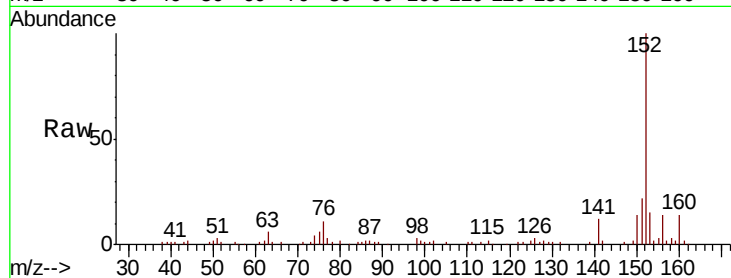
ClientSampled :

BFM87

Tot Ion:	152	Resp:	75418
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.5	24.7
153	14.7	11.0	16.6

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#9

Acenaphthene

Concen: 2.339 ng/ul

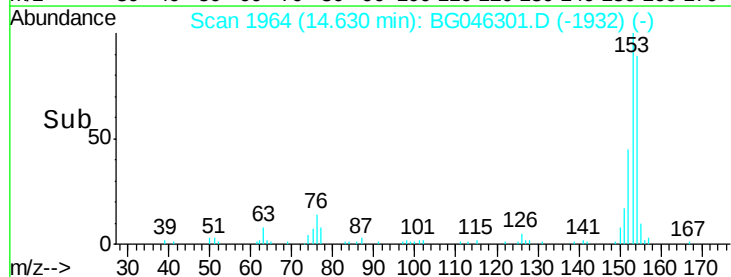
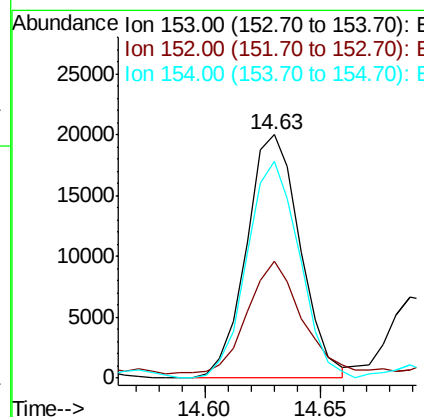
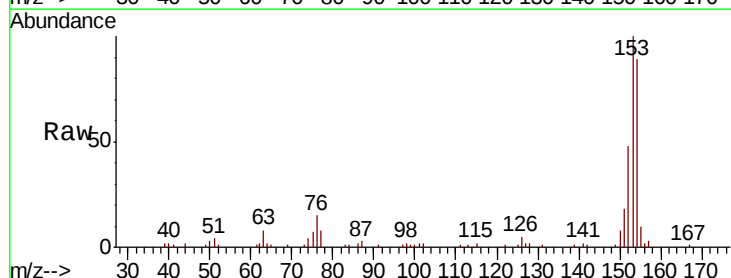
RT: 14.63 min Scan# 1964

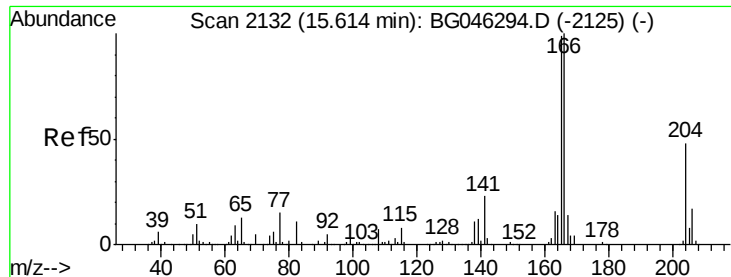
Delta R.T. -0.01 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Tgt Ion:	153	Resp:	32341
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.2	55.8
154	89.0	67.8	101.6





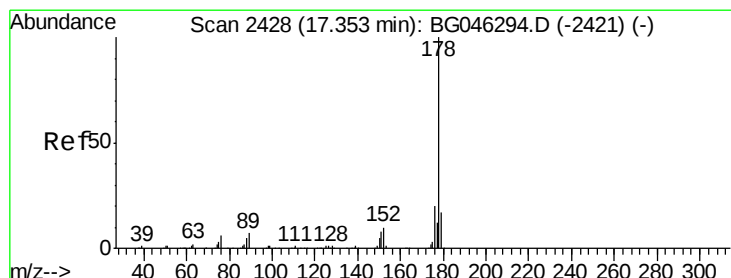
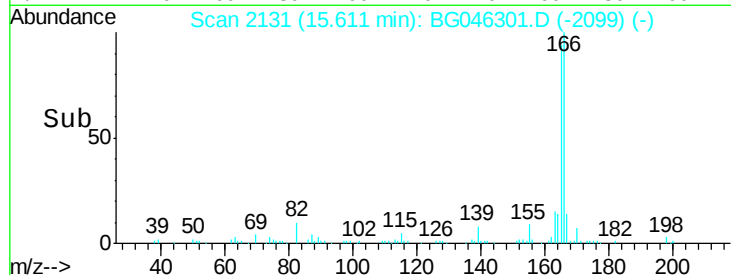
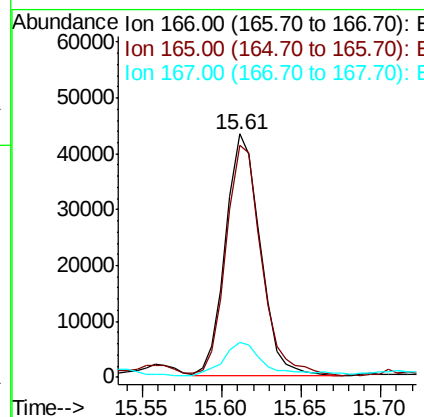
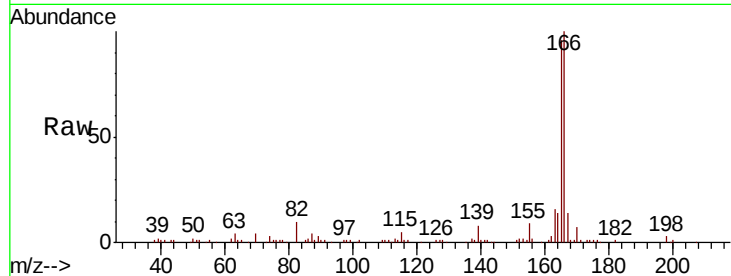
#11
Fluorene
 Concen: 4.049 ng/ul
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 BFM87

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	75.9	113.9
167	14.3	10.7	16.1

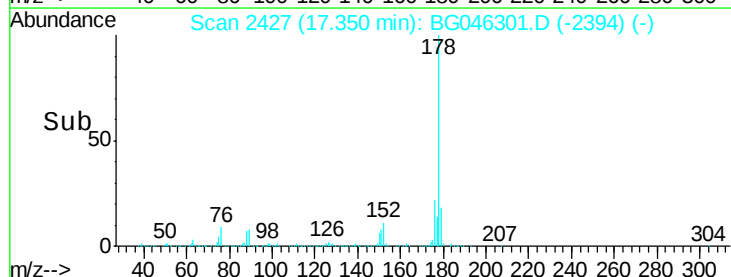
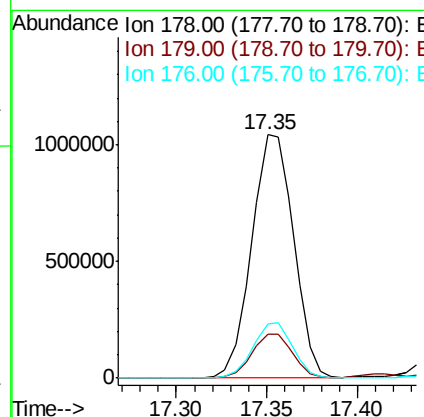
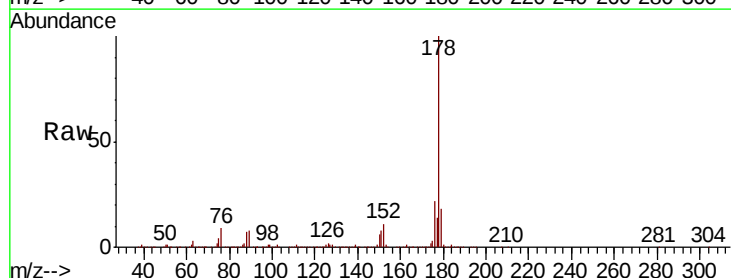
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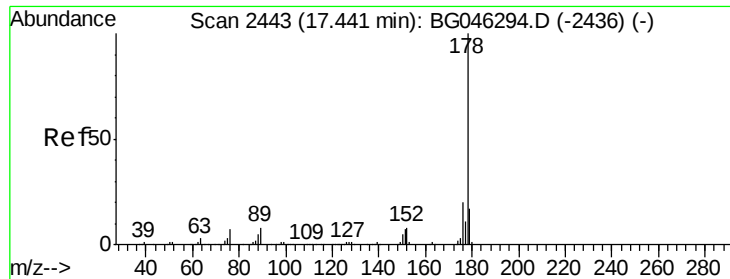
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#14
Phenanthrene
 Concen: 59.823 ng/ul
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.8	19.2
176	22.2	15.8	23.8





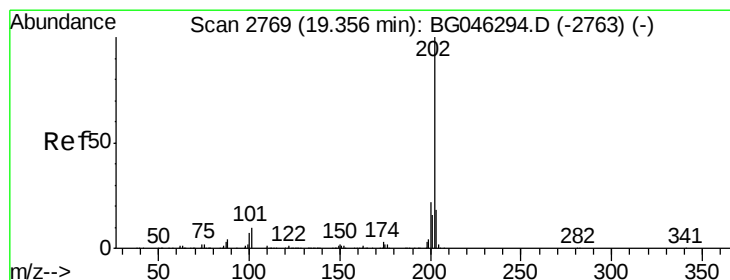
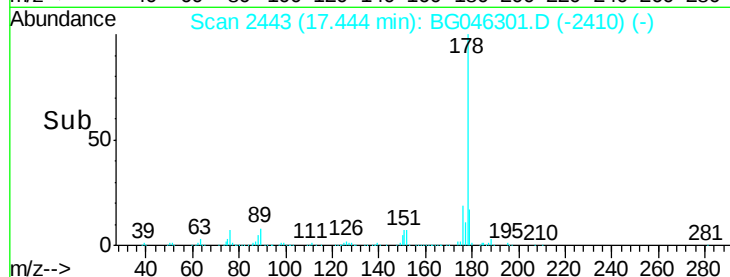
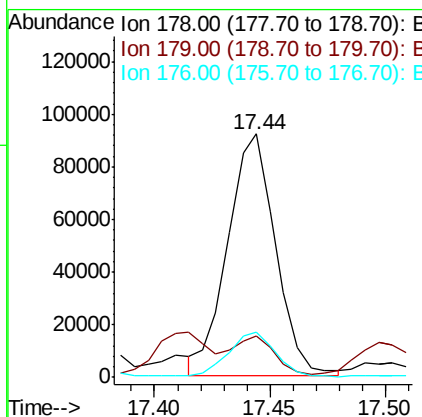
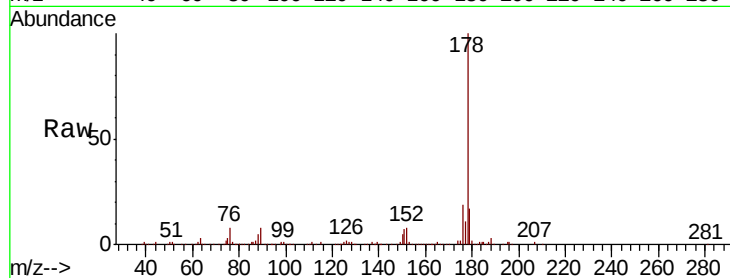
#16
 Anthracene
 Concen: 4.659 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 BFM87

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		131949		
179	16.9	13.2	19.8		
176	18.8	15.2	22.8		

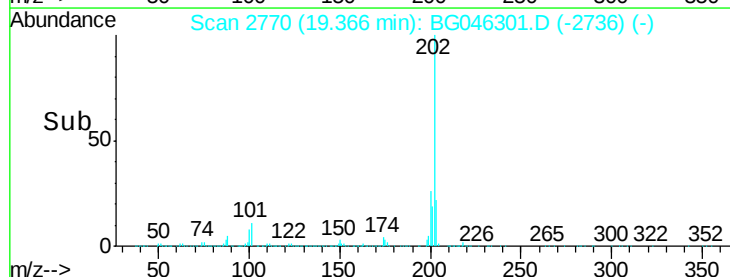
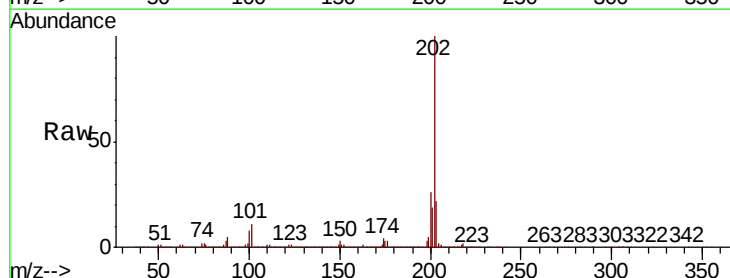
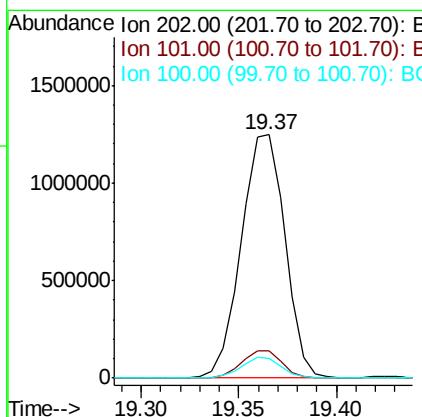
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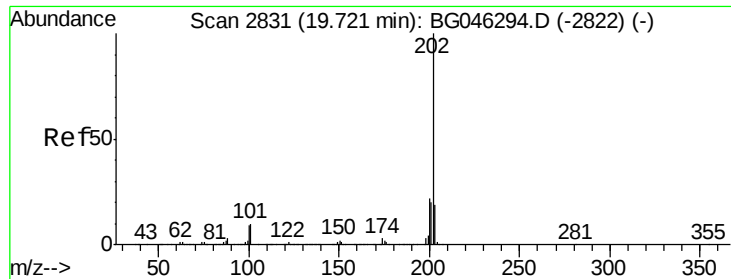
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#17
 Fluoranthene
 Concen: 61.792 ng/ul
 RT: 19.37 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1933849		
101	11.0	7.8	11.6		
100	8.2	5.9	8.9		





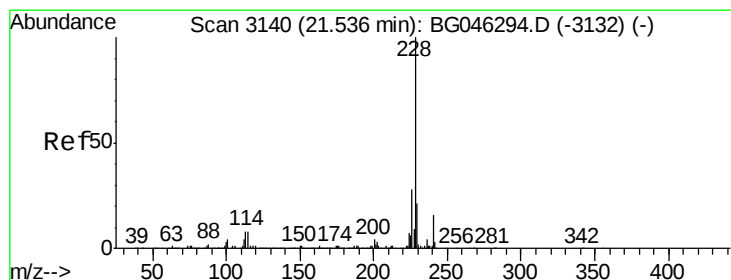
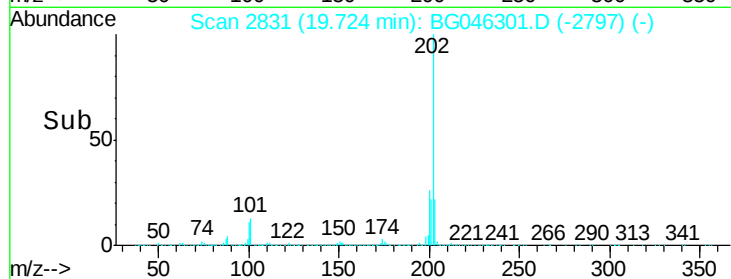
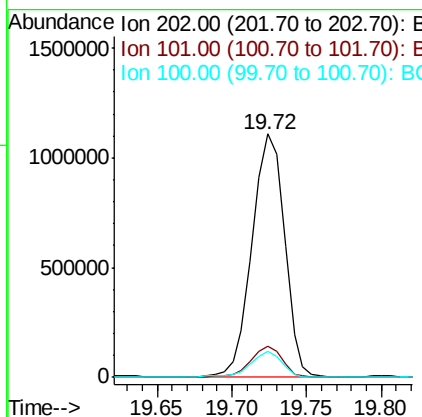
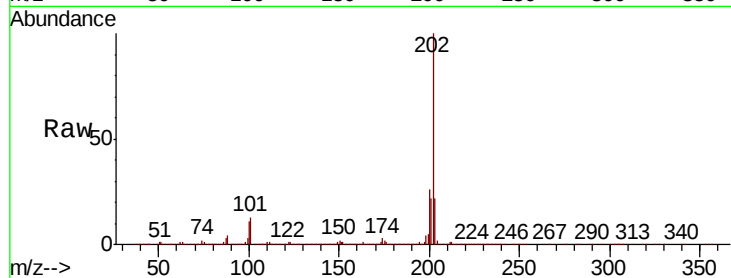
#20
Pvrene
Concen: 50.633 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046301.D
Acq: 17 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
BFM87

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.9	13.3
100	10.6	7.9	11.9

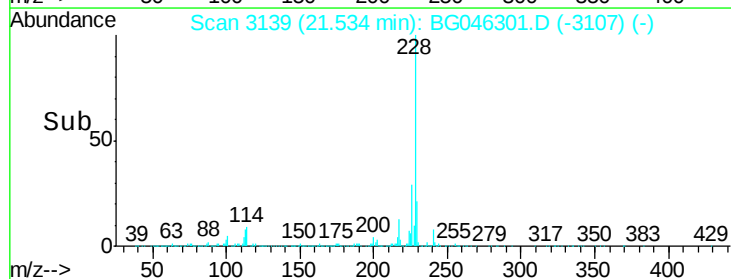
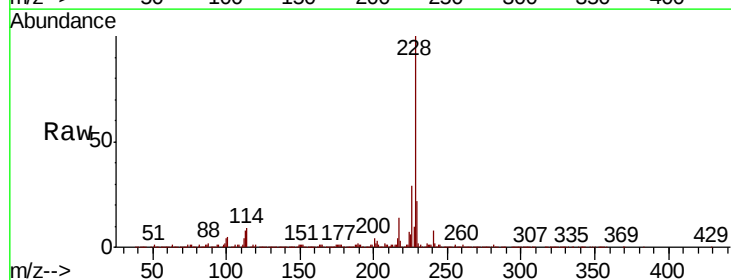
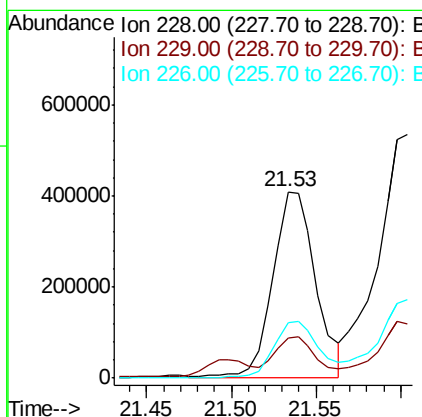
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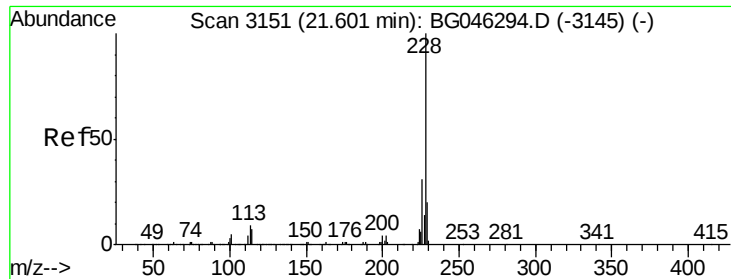
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#21
Benzo(a)anthracene
Concen: 22.001 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046301.D
Acq: 17 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	29.5	22.6	33.8





#22

Chrysene

Concen: 31.018 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Instrument :

BNA_G

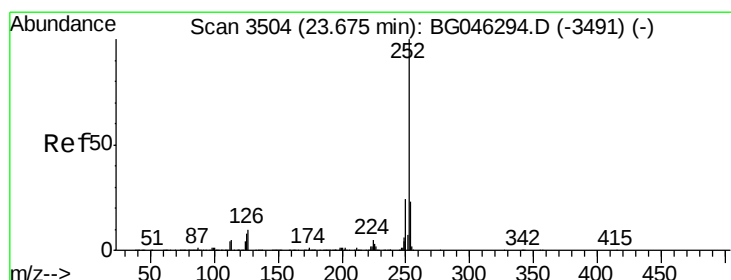
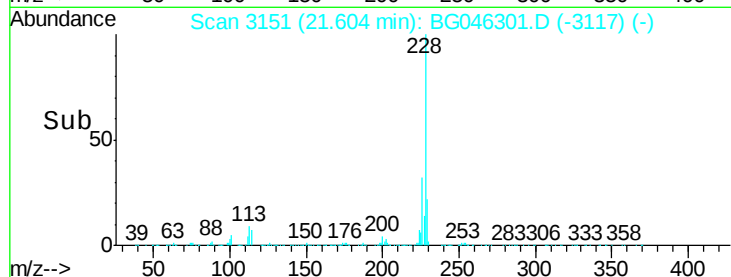
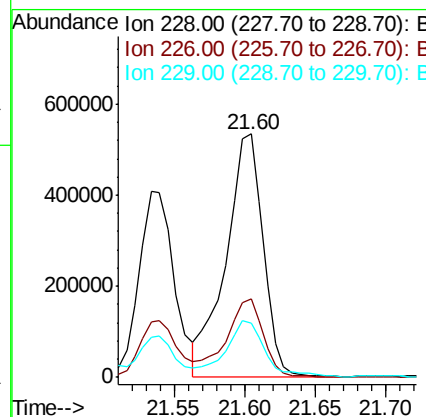
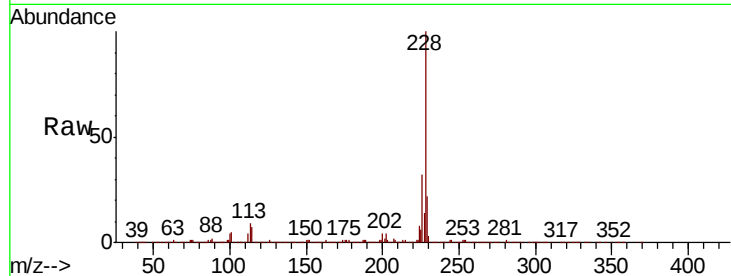
ClientSampleId :

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Tot Ion:	228	Resp:	980325
Ion Ratio		Lower	Upper
228	100		
226	32.0	25.5	38.3
229	22.4	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 34.471 ng/ul

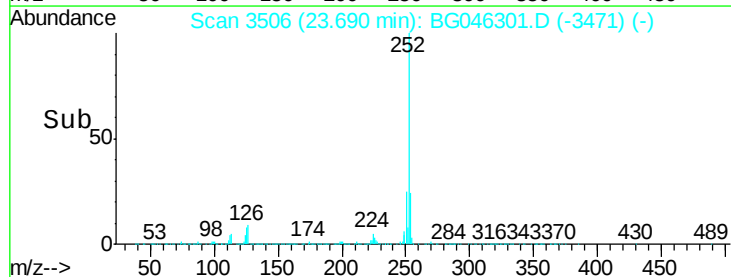
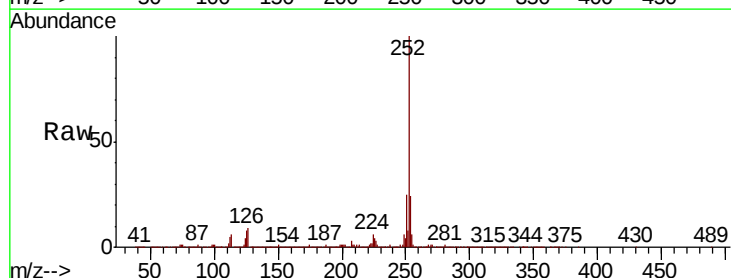
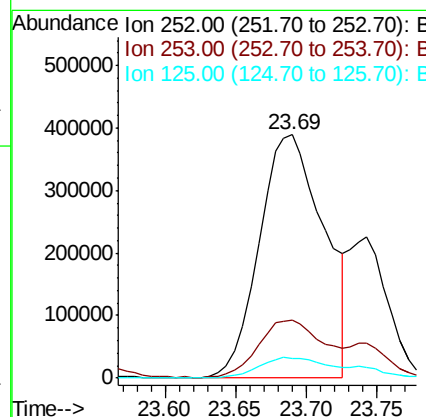
RT: 23.69 min Scan# 3506

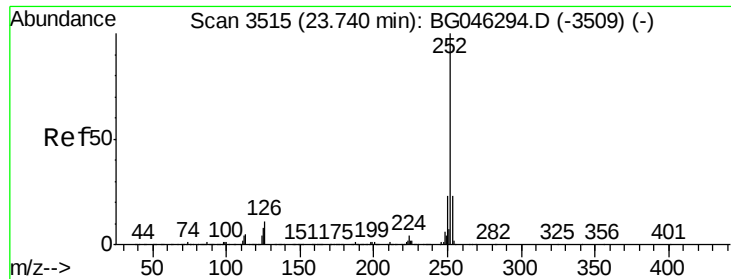
Delta R.T. 0.01 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Tgt Ion:	252	Resp:	1236345
Ion Ratio		Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.3	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 11.864 ng/ul

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Instrument :

BNA_G

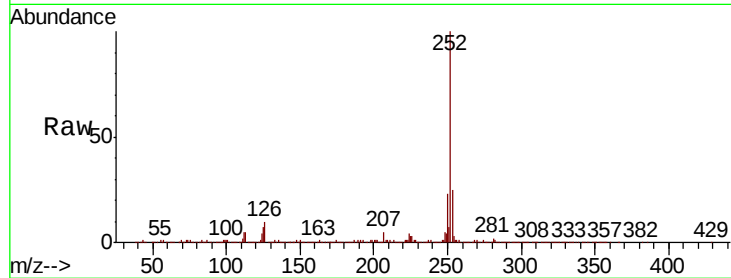
ClientSampled :

BFM87

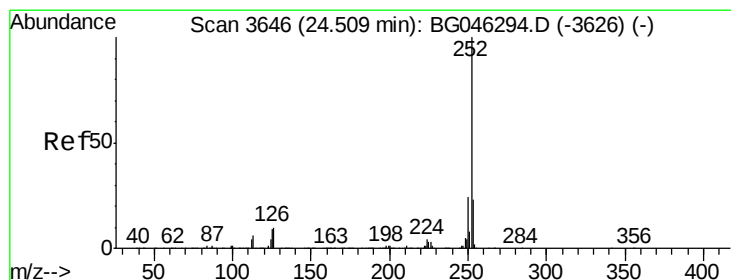
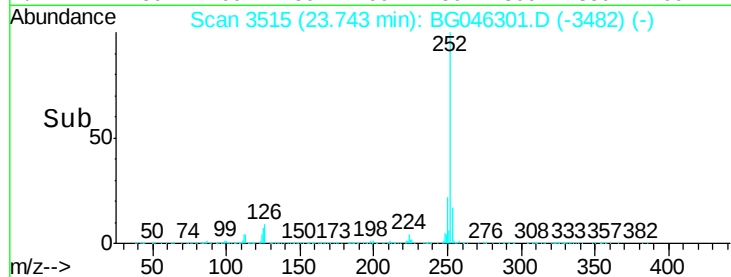
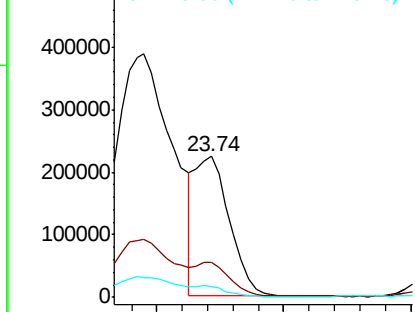
Tot Ion:	252	Resp:	422100
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.5	27.7
125	7.4	6.2	9.2

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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: 23.869 ng/ul

RT: 24.52 min Scan# 3647

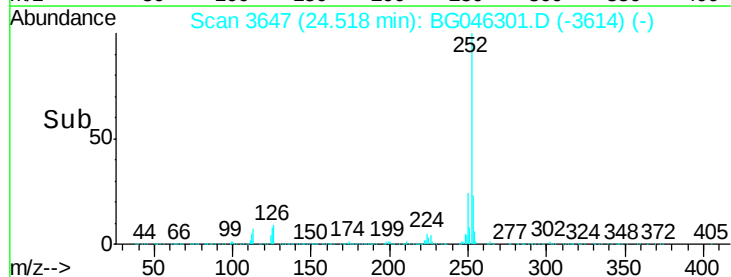
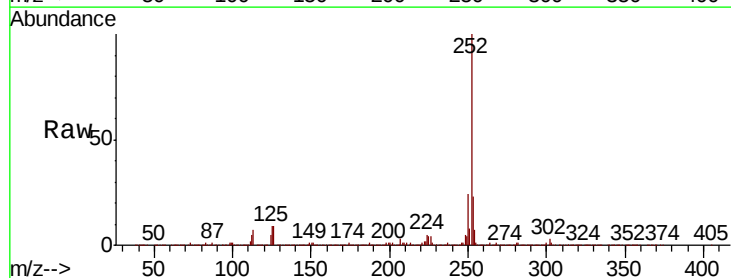
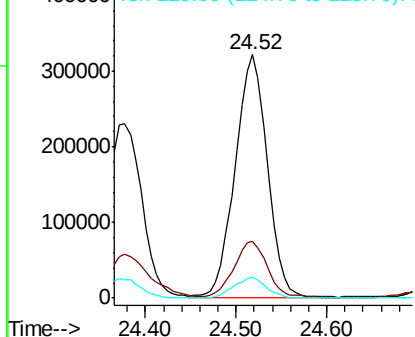
Delta R.T. -0.01 min

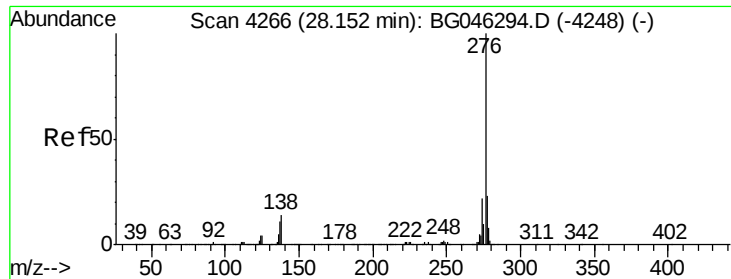
Lab File: BG046301.D

Acq: 17 Aug 2020 17:11

Tgt Ion:	252	Resp:	785960
Ion Ratio	Lower	Upper	
252	100		
253	23.4	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





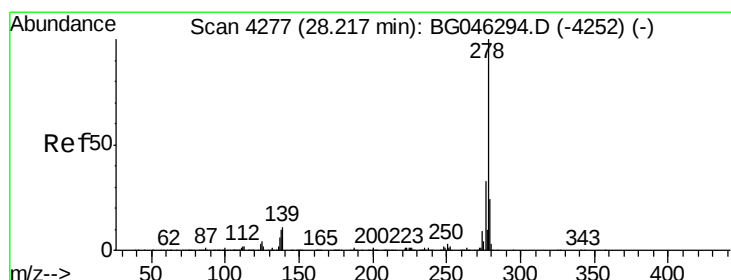
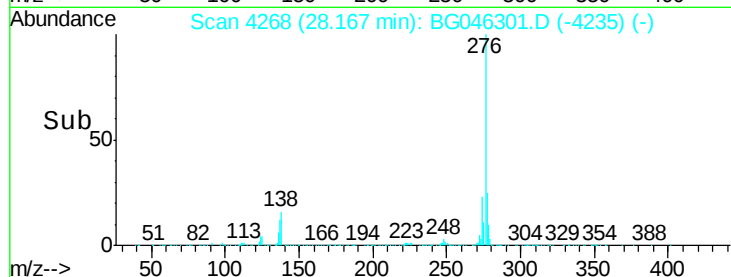
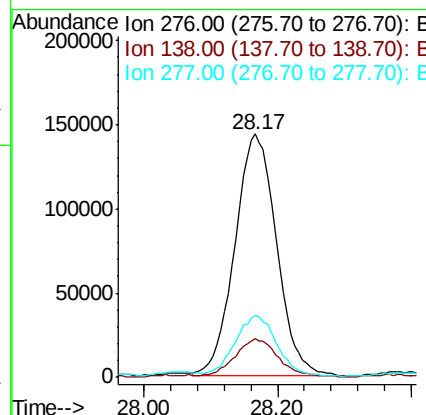
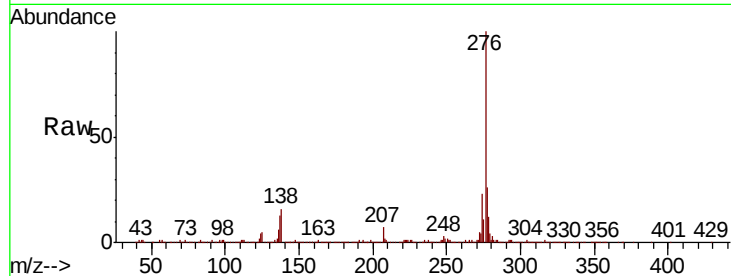
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 15.021 ng/ul
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 BFM87

Tot Ion:	276	Resp:	619317
Ion Ratio	Lower	Upper	
276	100		
138	15.9	13.2	19.8
277	25.6	19.9	29.9

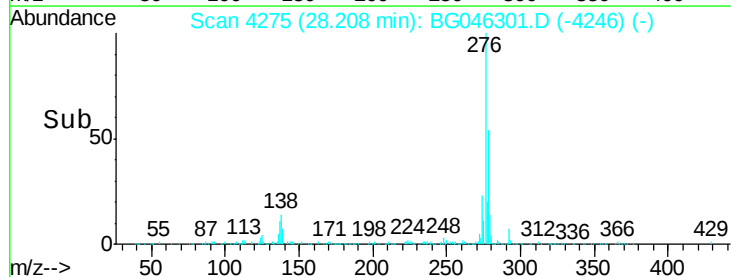
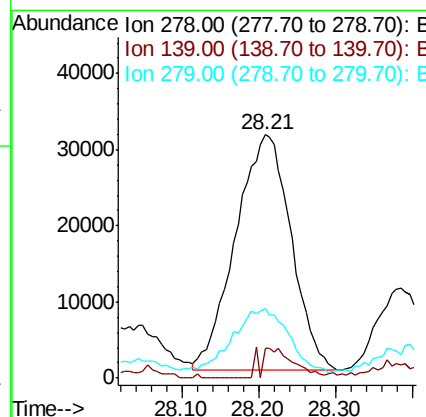
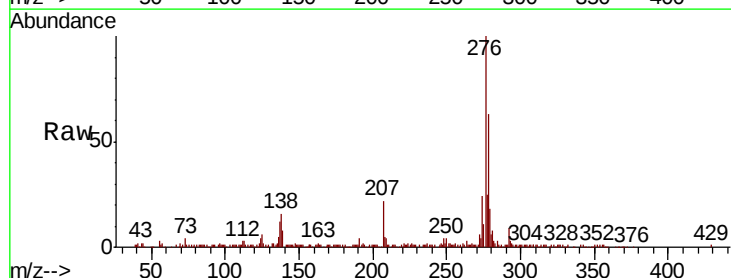
Manual Integrations
 APPROVED

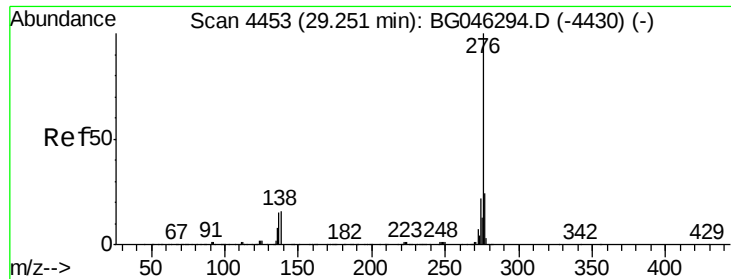
mohammad
 8/19/2020 2:15:51 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 4.655 ng/ul
 RT: 28.21 min Scan# 4275
 Delta R.T. -0.03 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Tgt Ion:	278	Resp:	155605
Ion Ratio	Lower	Upper	
278	100		
139	12.4	9.8	14.8
279	28.4	19.7	29.5





#30
 Benzo(a,h,i)perylene
 Concen: 15.337 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046301.D
 Acq: 17 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 BFM87

Tot Ion:	276	Resp:	529221
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.9	19.3
277	24.8	19.4	29.0

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:15:51 PM

