

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046258.D
 Acq On : 13 Aug 2020 21:03
 Operator : CG/JU
 Sample : L3629-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM51

Manual Integrations
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Quant Time: Aug 14 07:44:03 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	7.95	152	114317	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	454699	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	290682	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	633382	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	617989	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	651717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	93366	11.93	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	355970	13.31	ng/ul	0.00
10) Fluorene-d10	15.57	176	276518	13.49	ng/ul	0.00
15) Anthracene-d10	17.41	188	400820	13.65	ng/ul	0.00
19) Pyrene-d10	19.70	212	456125	14.34	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	481791	13.55	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	14.64	153	26980	1.389	ng/ul	97
11) Fluorene	15.62	166	45096	1.986	ng/ul	99
14) Phenanthrene	17.36	178	577720	16.580	ng/ul	99
16) Anthracene	17.45	178	161520	4.594	ng/ul	99
17) Fluoranthene	19.37	202	740673	19.063	ng/ul	99
20) Pyrene	19.73	202	600463	14.802	ng/ul	99
21) Benzo(a)anthracene	21.54	228	405160	10.077	ng/ul	99
22) Chrysene	21.61	228	352385	9.066	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	457864	10.624	ng/ul	96
25) Benzo(k)fluoranthene	23.75	252	145945m	3.414	ng/ul	
27) Benzo(a)pyrene	24.52	252	310548	7.849	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	186344	3.761	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	57980	1.443	ng/ul#	90
30) Benzo(a,h,i)perylene	29.26	276	147430	3.556	ng/ul	98

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

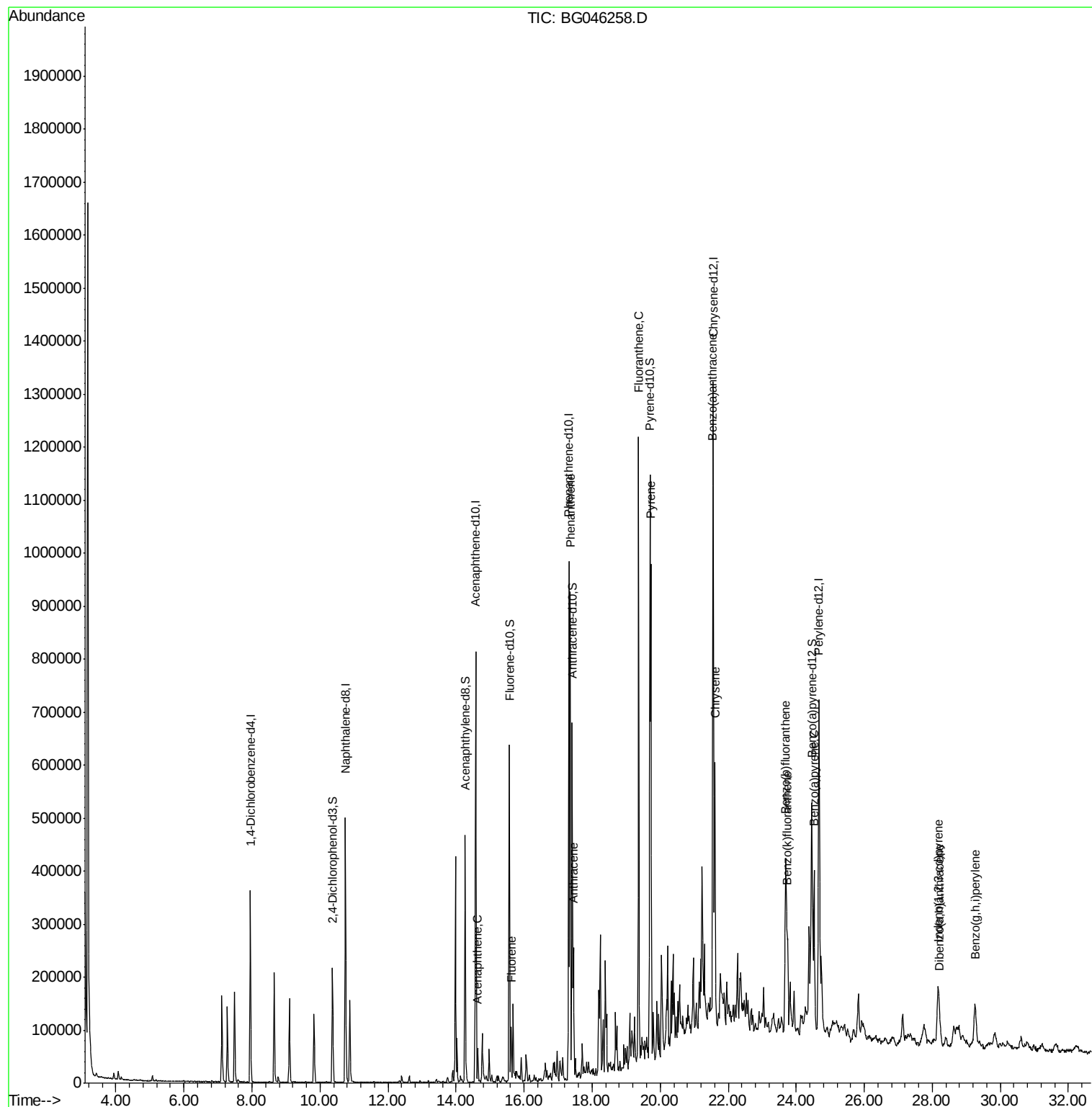
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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ALS Vial : 12 Sample Multiplier: 1

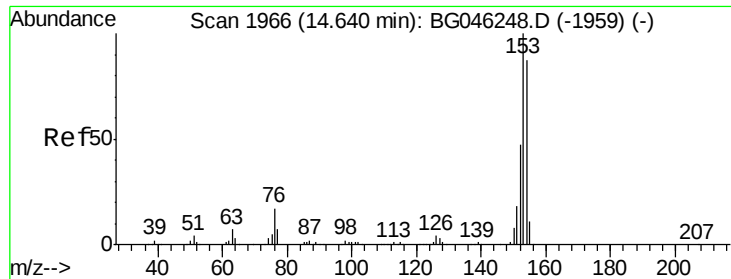
Instrument :
BNA_G
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Quant Time: Aug 14 07:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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QLast Update : Thu Aug 13 13:50:19 2020
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#9

Acenaphthene

Concen: 1.389 ng/ul

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG046258.D

Acq: 13 Aug 2020 21:03

Instrument :

BNA_G

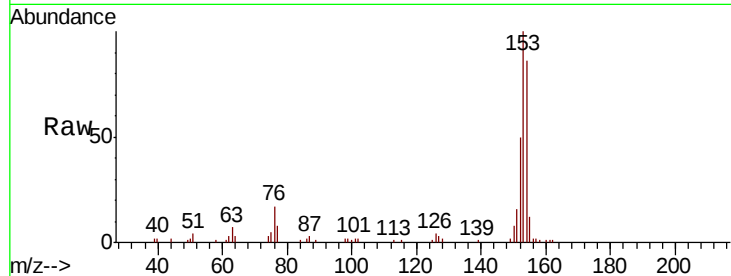
ClientSampleId :

BFM51

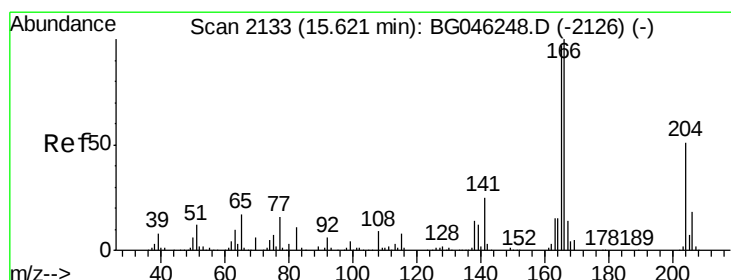
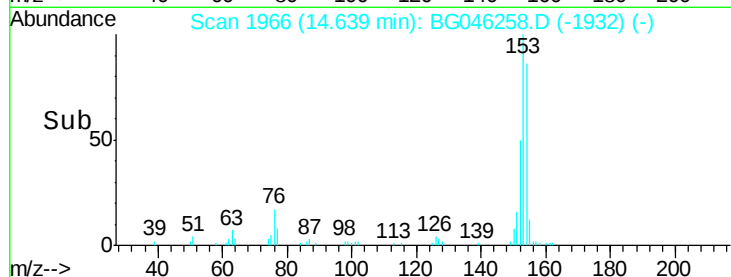
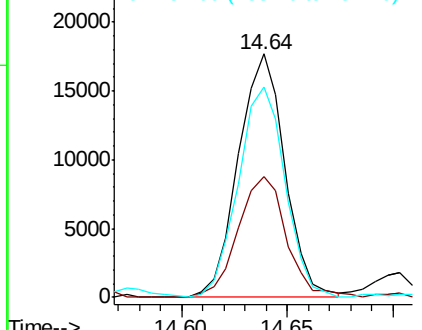
Tot Ion:	153	Resp:	26980
Ion	Ratio	Lower	Upper
153	100		
152	49.6	37.2	55.8
154	86.4	67.8	101.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.986 ng/ul

RT: 15.62 min Scan# 2133

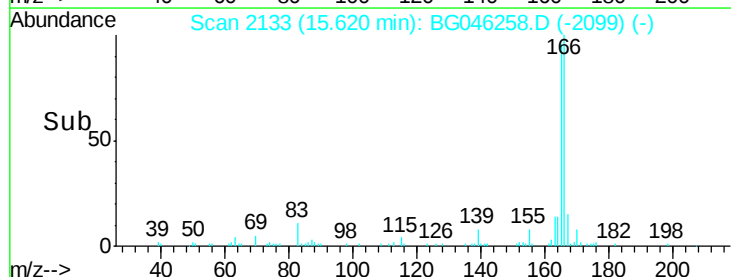
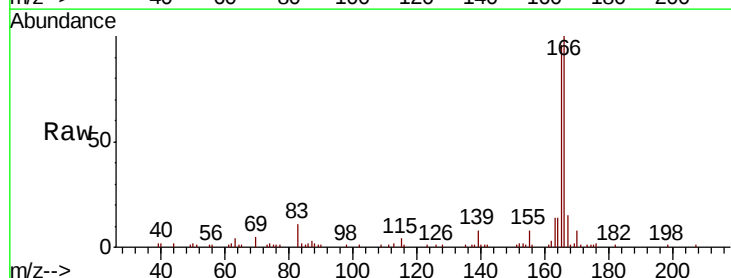
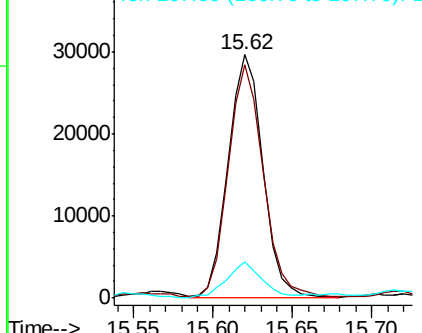
Delta R.T. -0.00 min

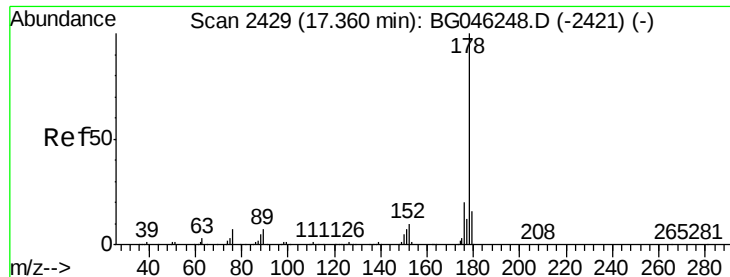
Lab File: BG046258.D

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Tgt Ion:	166	Resp:	45096
Ion	Ratio	Lower	Upper
166	100		
165	95.9	75.9	113.9
167	14.7	10.7	16.1

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





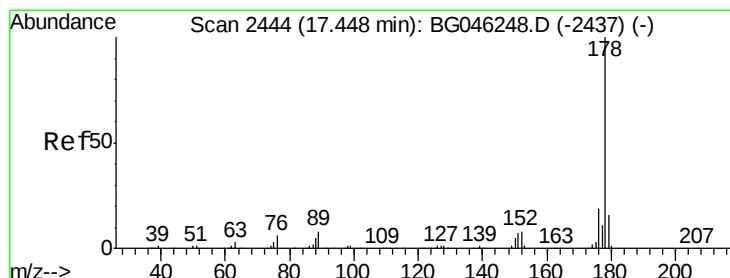
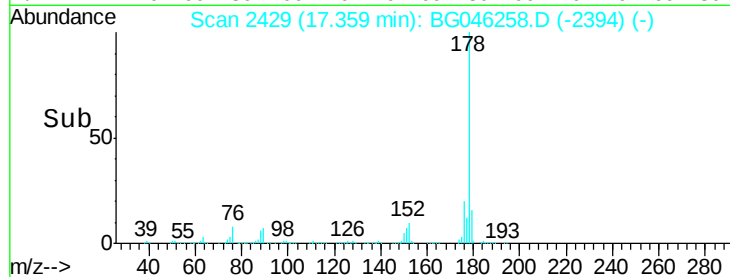
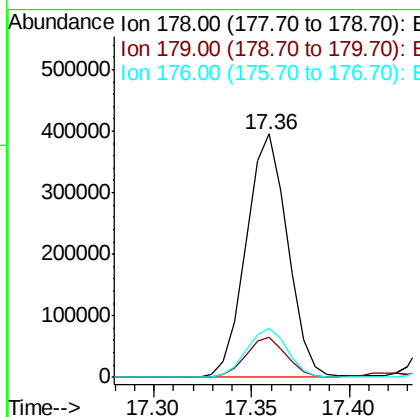
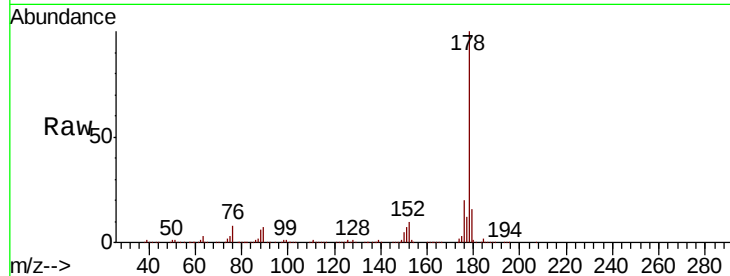
#14
Phenanthrene
Concen: 16.580 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Instrument :
BNA_G
ClientSampled :
BFM51

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	20.1	15.8	23.8

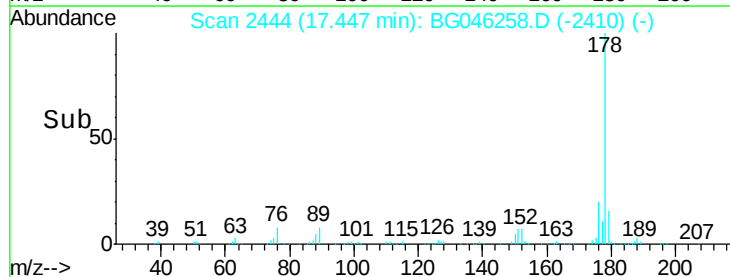
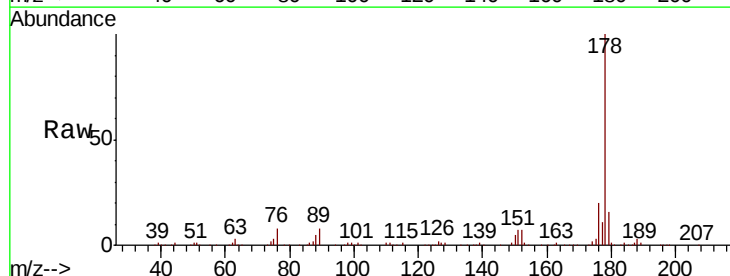
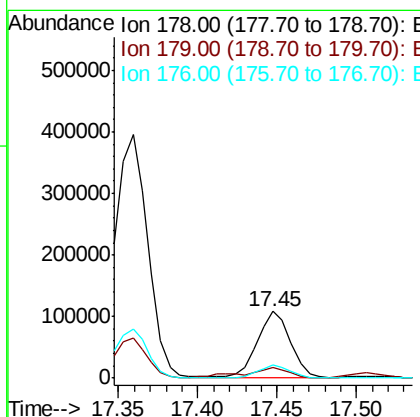
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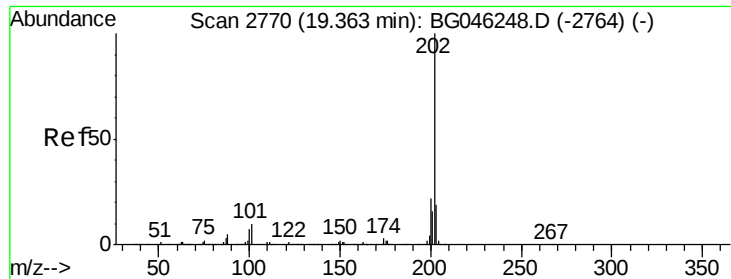
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#16
Anthracene
Concen: 4.594 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	19.8	15.2	22.8





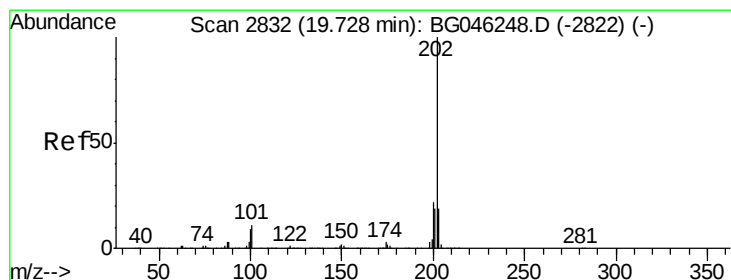
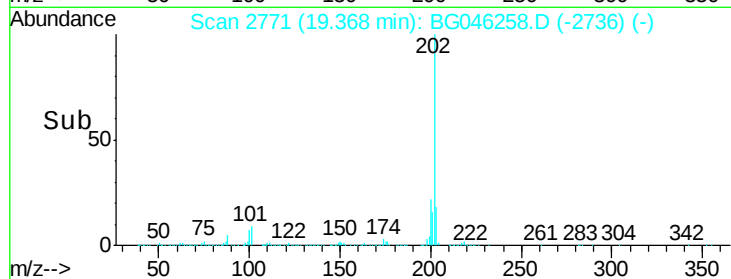
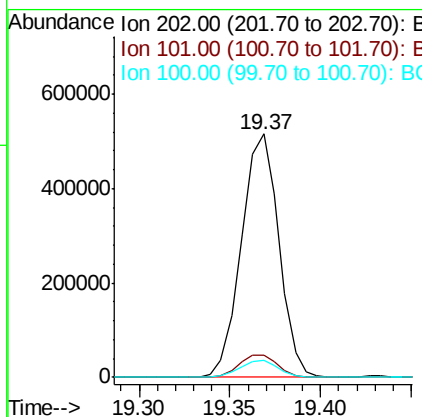
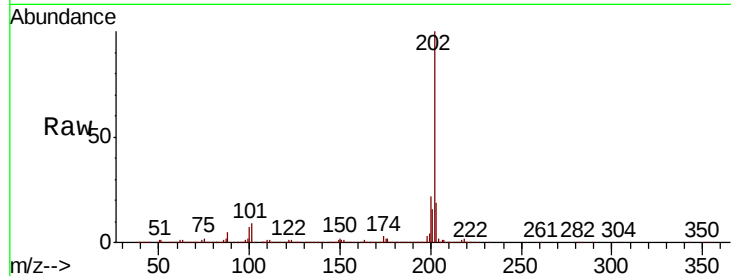
#17
Fluoranthene
 Concen: 19.063 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BG046258.D
 Acq: 13 Aug 2020 21:03

Instrument :
 BNA_G
 ClientSampleId :
 BFM51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		740673		
101	9.2	7.8	11.6		
100	7.2	5.9	8.9		

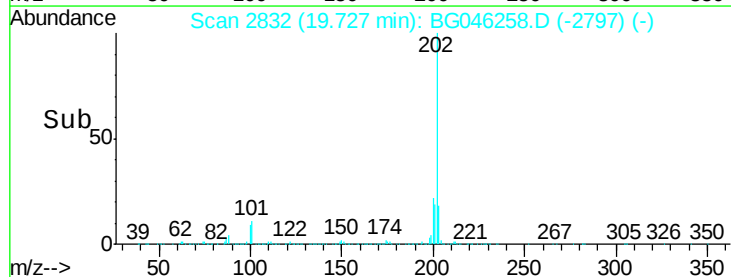
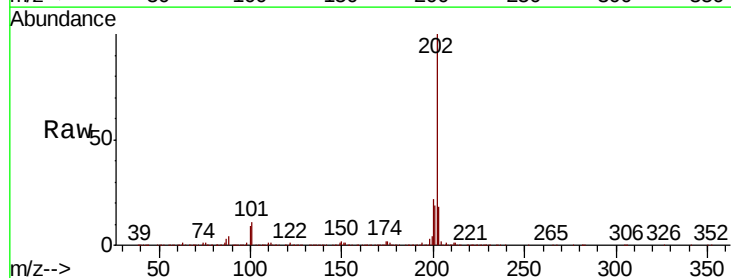
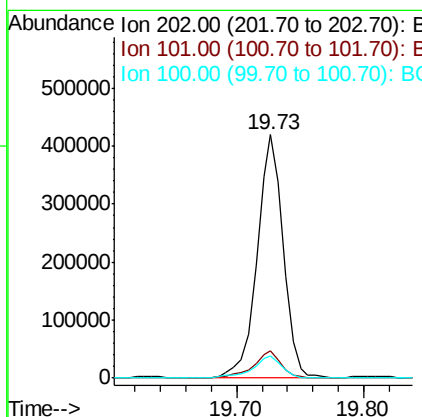
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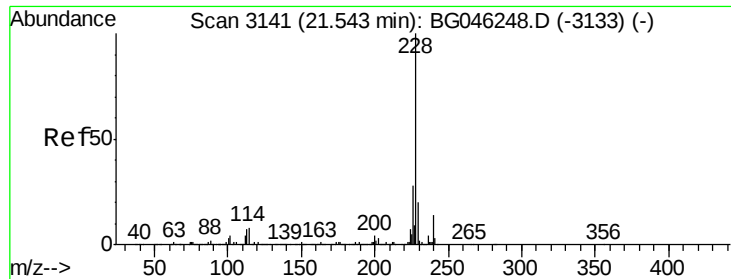
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#20
Pyrene
 Concen: 14.802 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG046258.D
 Acq: 13 Aug 2020 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		600463		
101	11.0	8.9	13.3		
100	9.2	7.9	11.9		





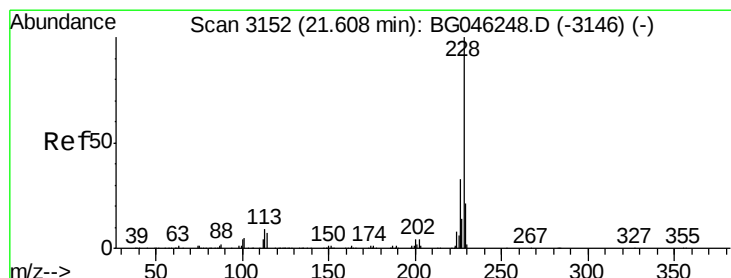
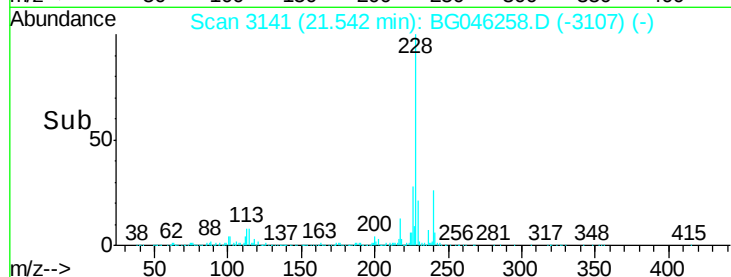
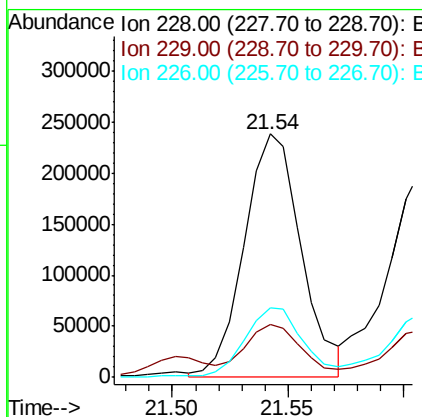
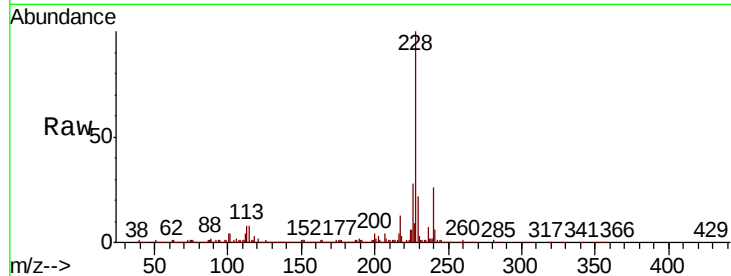
#21
Benzo(a)anthracene
Concen: 10.077 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Instrument :
BNA_G
ClientSampleId :
BFM51

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	28.4	22.6	33.8

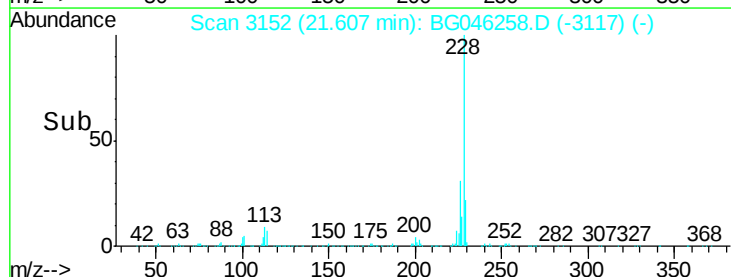
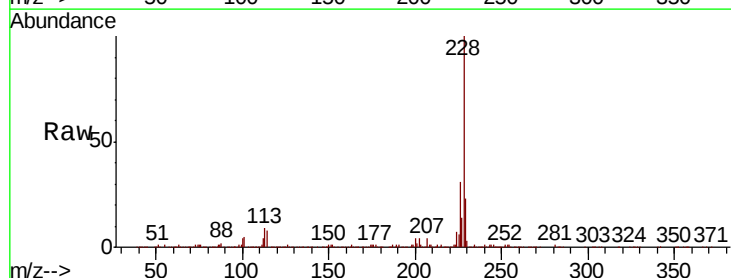
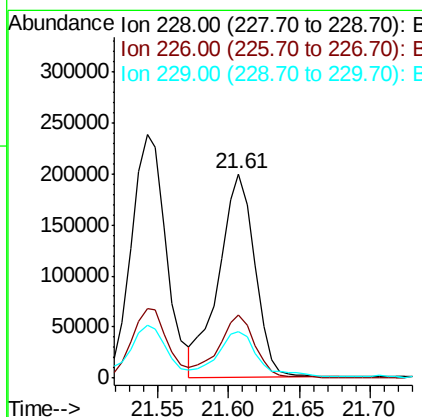
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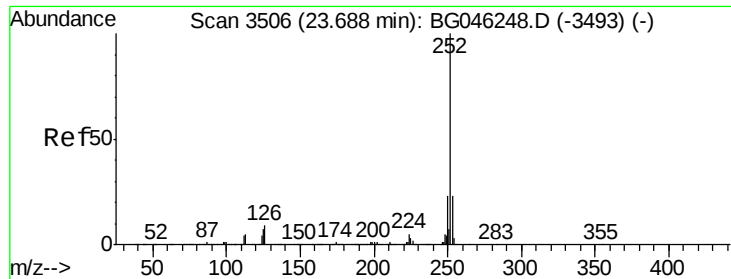
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#22
Chrysene
Concen: 9.066 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	22.7	17.0	25.4





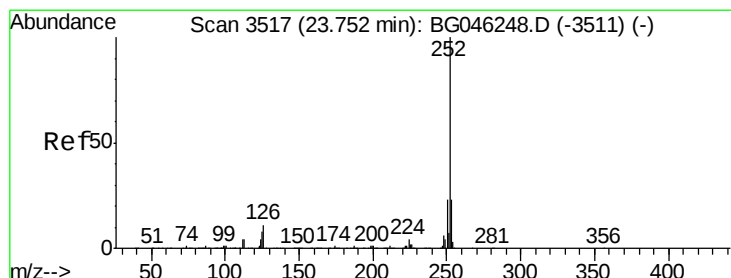
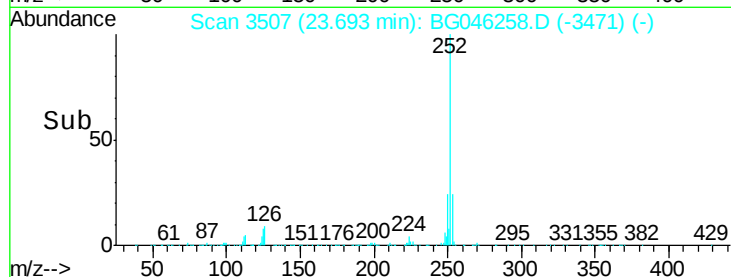
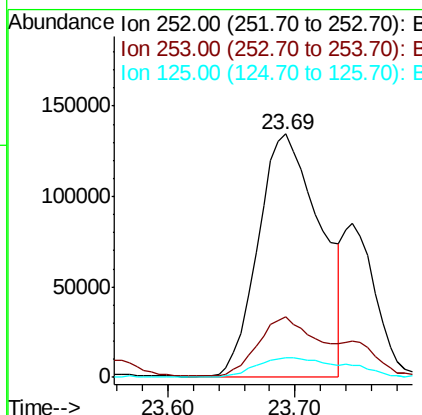
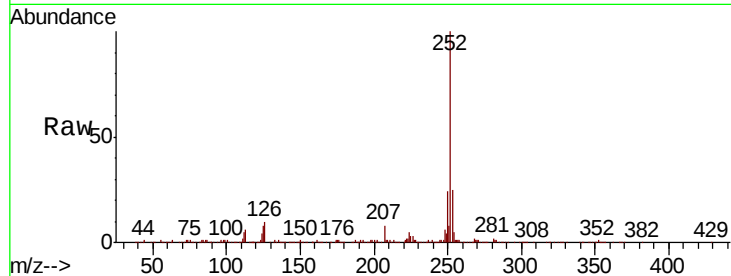
#24
Benzo(b)fluoranthene
Concen: 10.624 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Instrument :
BNA_G
ClientSampled :
BFM51

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	8.0	6.4	9.6

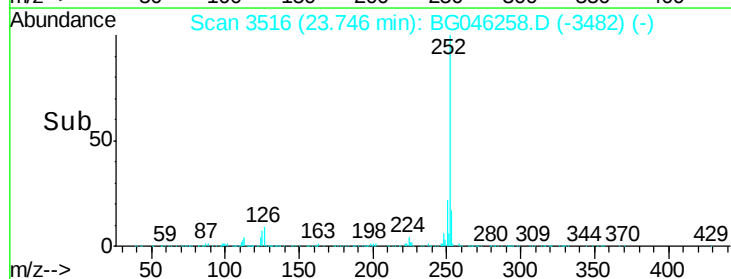
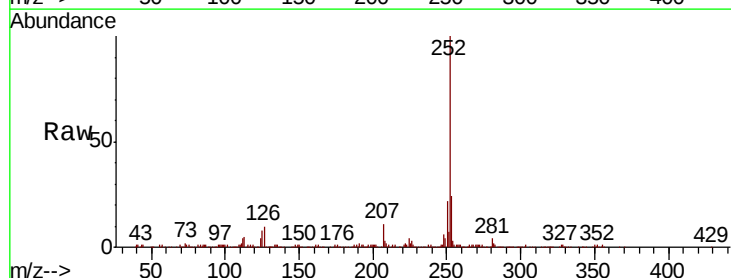
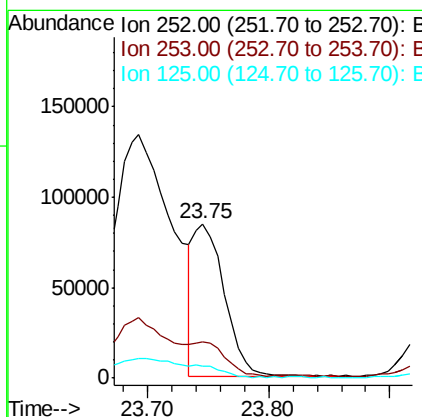
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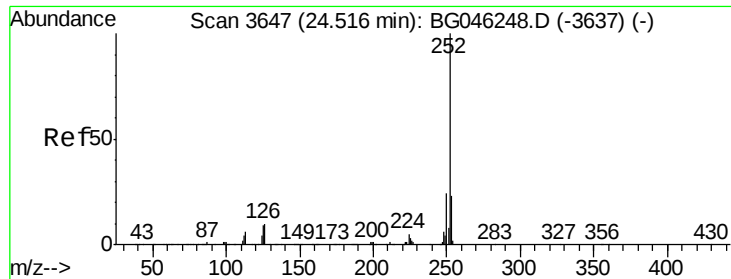
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#25
Benzo(k)fluoranthene
Concen: 3.414 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	7.8	6.2	9.2





#27

Benzo(a)pyrene

Concen: 7.849 ng/ul

RT: 24.52 min Scan# 3648

Delta R.T. -0.00 min

Lab File: BG046258.D

Acq: 13 Aug 2020 21:03

Instrument :

BNA_G

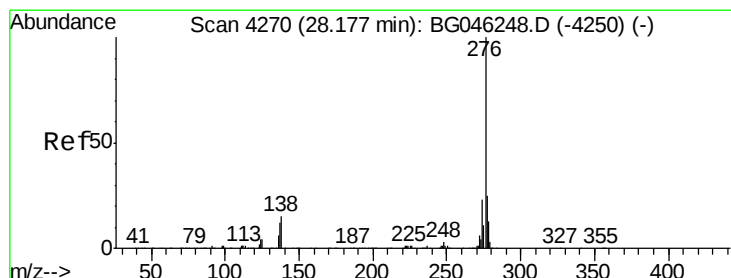
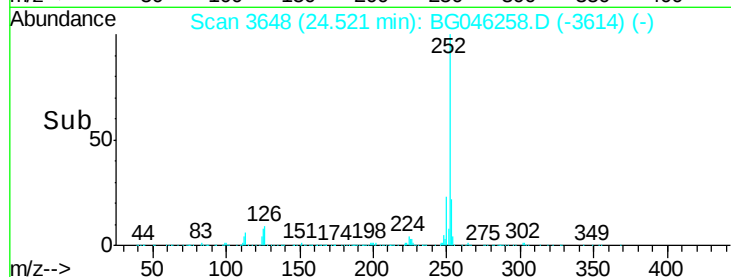
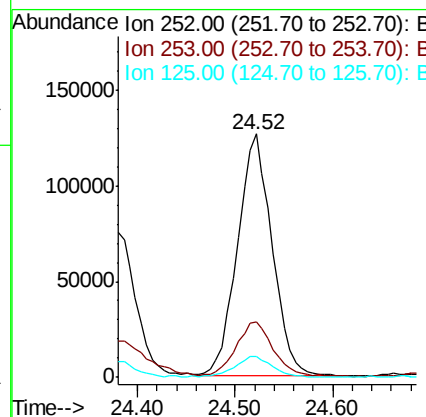
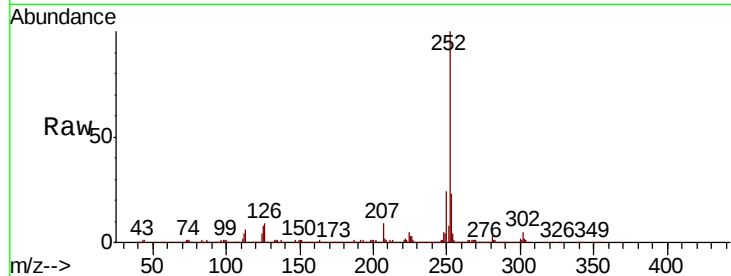
ClientSampled :

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Tot Ion:	252	Resp:	310548
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	8.5	7.1	10.7

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.761 ng/ul

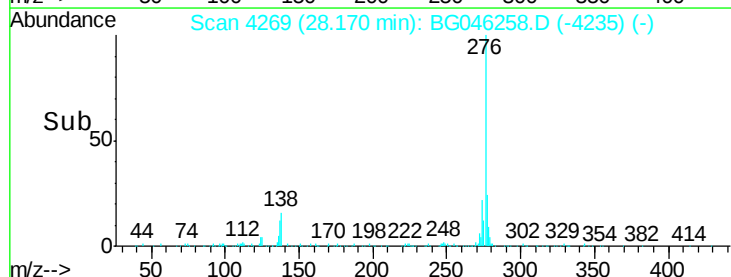
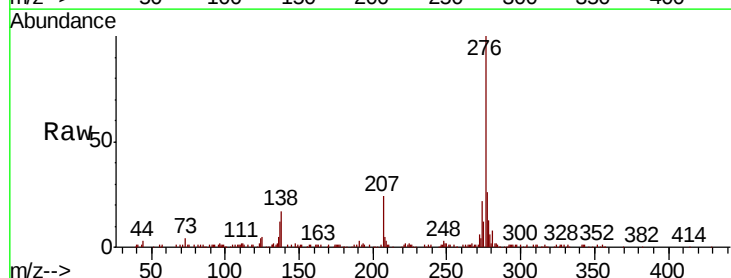
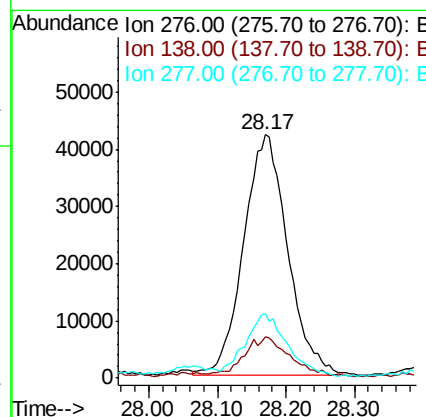
RT: 28.17 min Scan# 4269

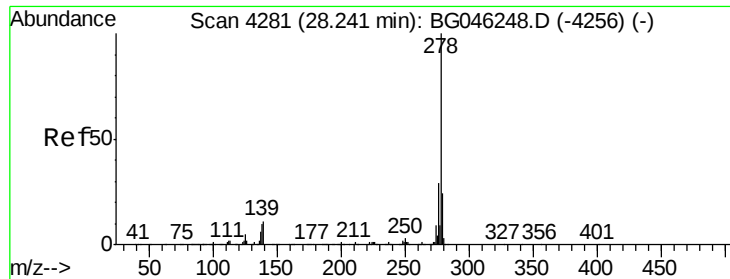
Delta R.T. -0.00 min

Lab File: BG046258.D

Acq: 13 Aug 2020 21:03

Tgt Ion:	276	Resp:	186344
Ion Ratio	Lower	Upper	
276	100		
138	17.1	13.2	19.8
277	26.2	19.9	29.9





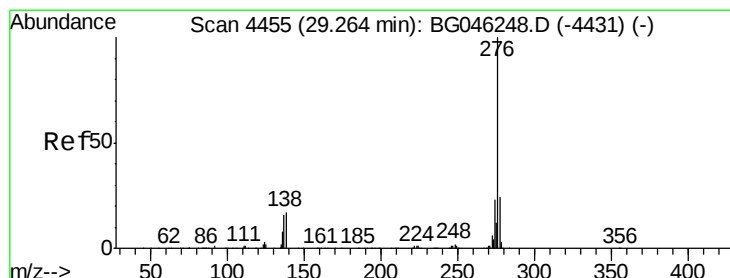
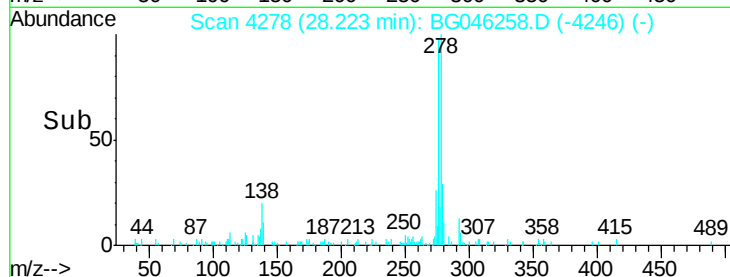
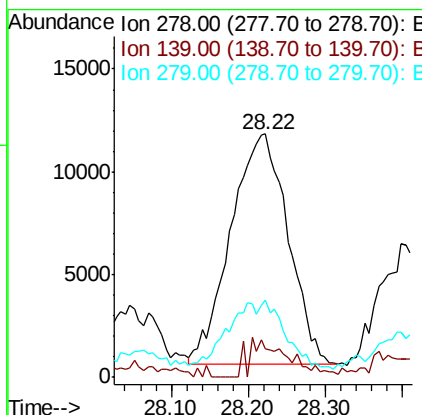
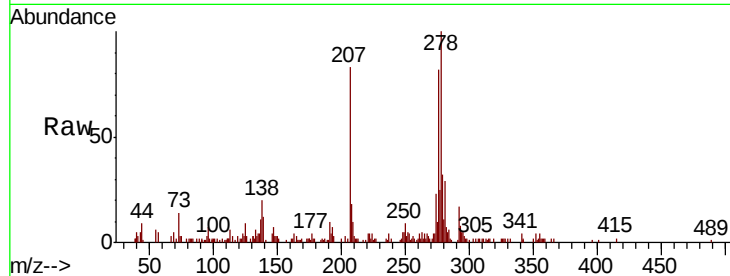
#29
Dibenzo(a,h)anthracene
Concen: 1.443 ng/ul
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Instrument :
BNA_G
ClientSampled :
BFM51

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.8
279	31.7	19.7	29.5#

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#30
Benzo(g,h,i)perylene
Concen: 3.556 ng/ul
RT: 29.26 min Scan# 4455
Delta R.T. -0.00 min
Lab File: BG046258.D
Acq: 13 Aug 2020 21:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.9	19.3
277	22.9	19.4	29.0

