

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046257.D
 Acq On : 13 Aug 2020 20:22
 Operator : CG/JU
 Sample : L3629-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM64

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Quant Time: Aug 14 05:45:52 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	90677	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	370124	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	240216	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	532786	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	532756	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	555781	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	72888	11.44	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	323496	14.63	ng/ul	0.00
10) Fluorene-d10	15.56	176	247398	14.60	ng/ul	0.00
15) Anthracene-d10	17.42	188	356773	14.45	ng/ul	0.00
19) Pyrene-d10	19.69	212	420801	15.35	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	445215	14.68	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.30	152	34444	1.532	ng/ul	98
14) Phenanthrene	17.36	178	558116	19.042	ng/ul	100
16) Anthracene	17.45	178	32994	1.116	ng/ul	98
17) Fluoranthene	19.37	202	936356	28.650	ng/ul	99
20) Pyrene	19.73	202	859437	24.576	ng/ul	99
21) Benzo(a)anthracene	21.55	228	344057	9.926	ng/ul	95
22) Chrysene	21.60	228	421624	12.583	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	564980	15.372	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	191657m	5.257	ng/ul	
27) Benzo(a)pyrene	24.52	252	354169	10.496	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	271941	6.437	ng/ul	99
29) Dibenzo(a,h)anthracene	28.20	278	64277m	1.876	ng/ul	
30) Benzo(a,h,i)perylene	29.26	276	249445	7.055	ng/ul	98

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

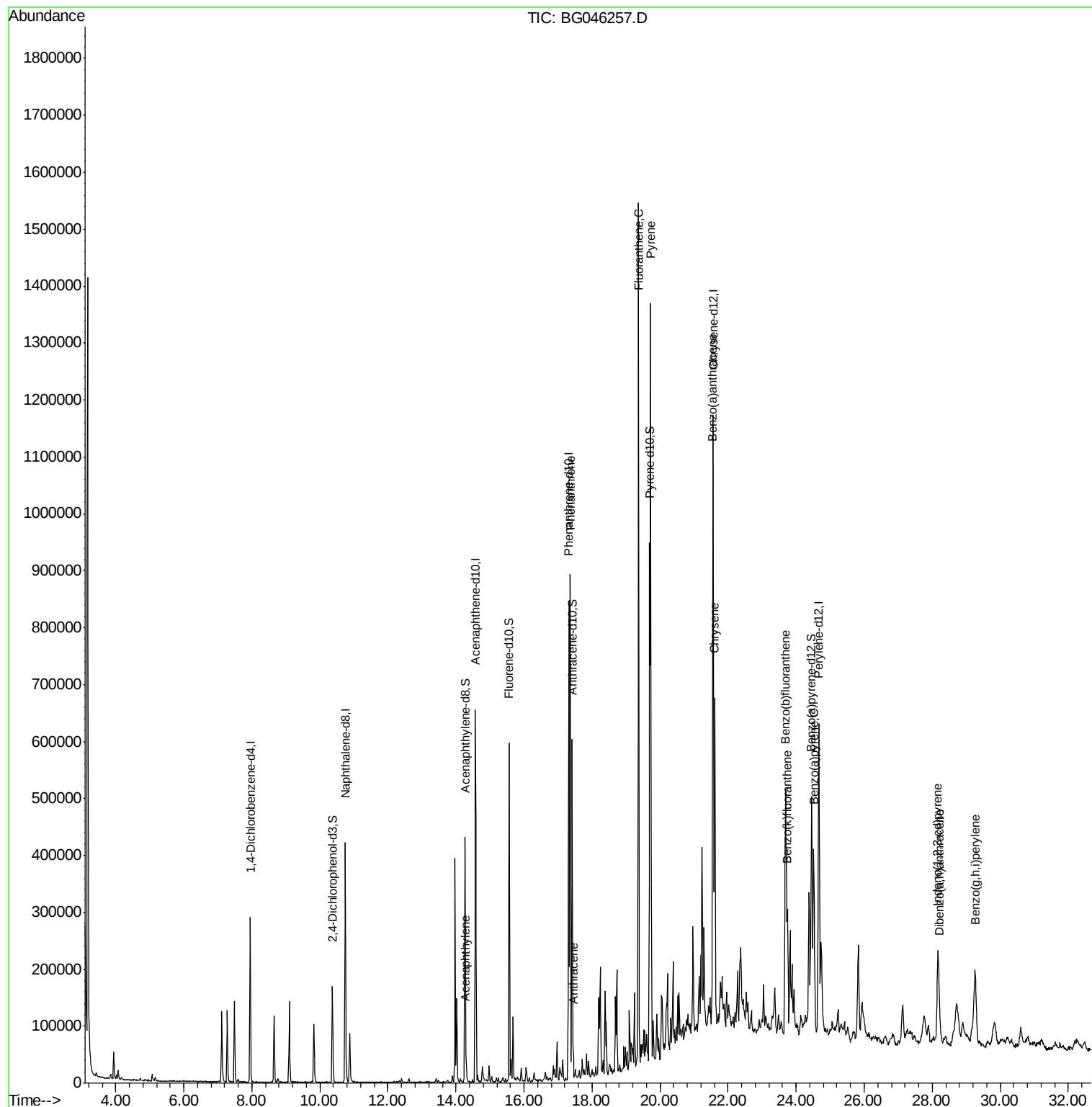
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046257.D
Acq On : 13 Aug 2020 20:22
Operator : CG/JU
Sample : L3629-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

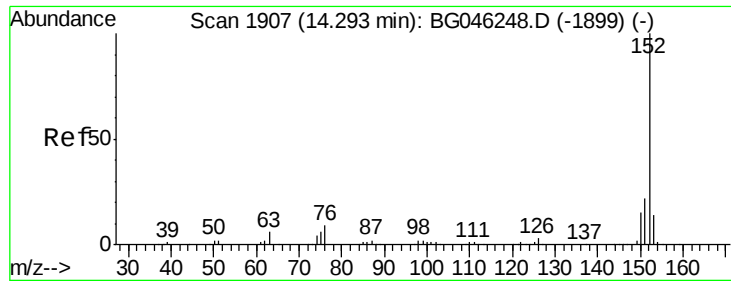
Instrument :
BNA_G
ClientSampleId :
BFM64

Quant Time: Aug 14 05:45:52 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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#8

Acenaphthylene

Concen: 1.532 ng/ul

RT: 14.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG046257.D

Acq: 13 Aug 2020 20:22

Instrument :

BNA_G

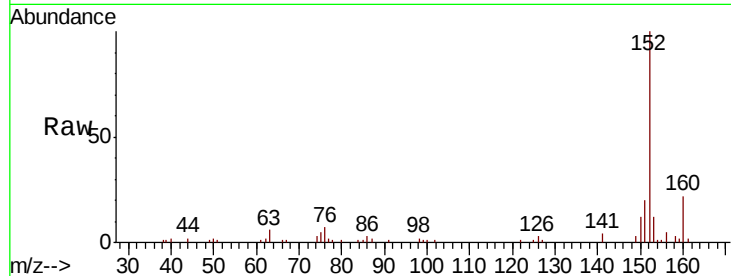
ClientSampled :

BFM64

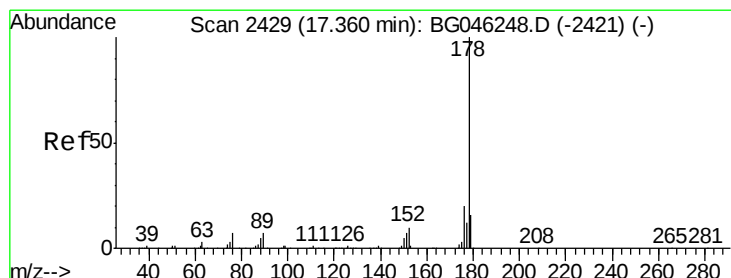
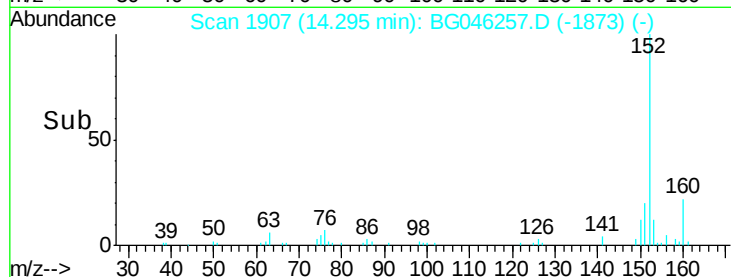
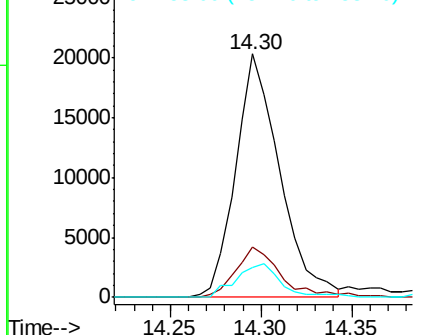
Tot Ion:	152	Resp:	34444
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.5	24.7
153	12.3	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#14

Phenanthrene

Concen: 19.042 ng/ul

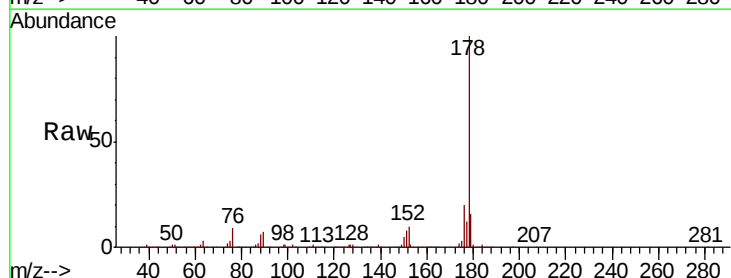
RT: 17.36 min Scan# 2428

Delta R.T. 0.00 min

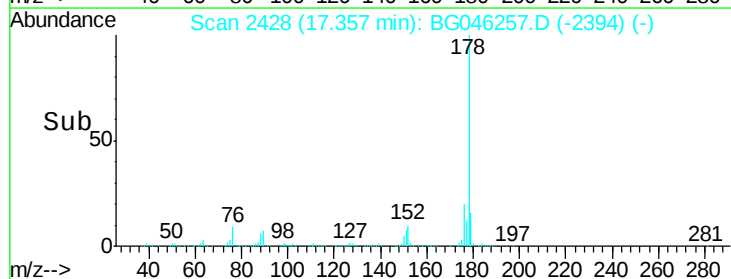
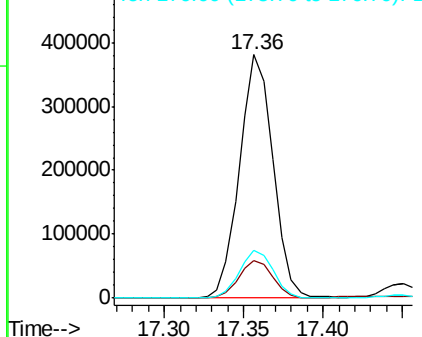
Lab File: BG046257.D

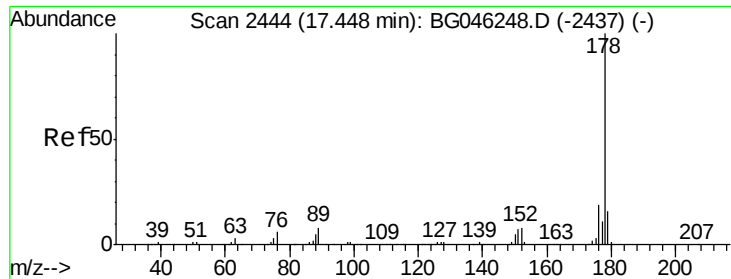
Acq: 13 Aug 2020 20:22

Tgt Ion:	178	Resp:	558116
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.7	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





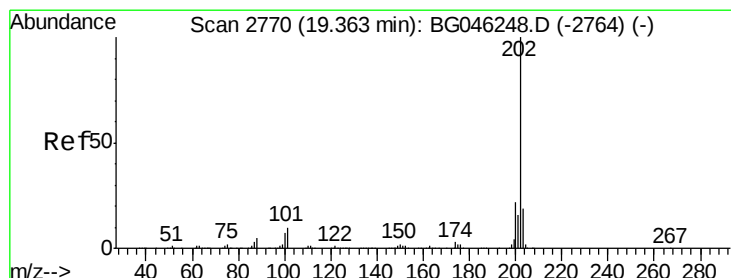
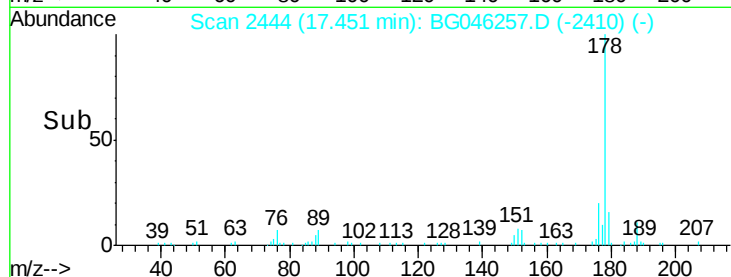
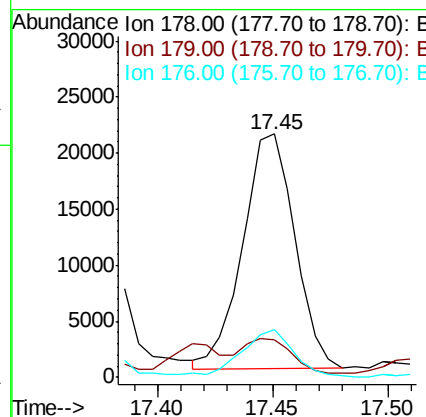
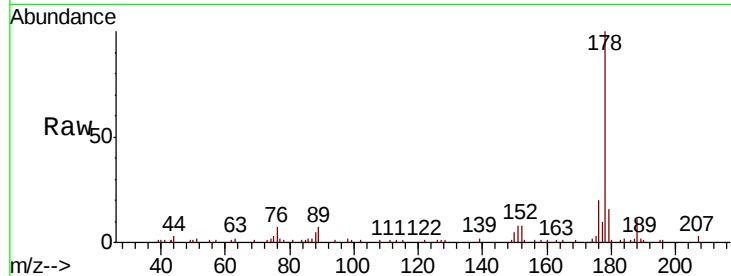
#16
 Anthracene
 Concen: 1.116 ng/ul
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG046257.D
 Acq: 13 Aug 2020 20:22

Instrument :
 BNA_G
 ClientSampled :
 BFM64

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	19.5	15.2	22.8

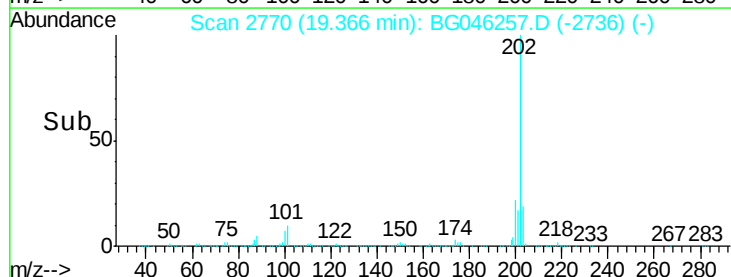
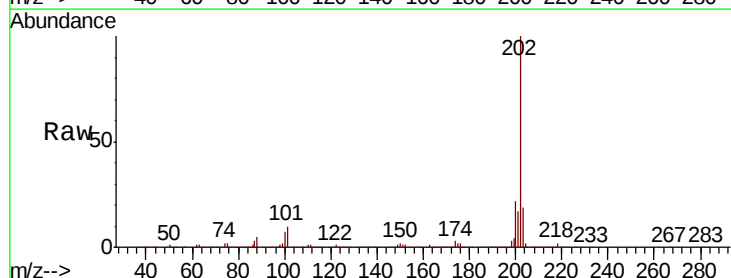
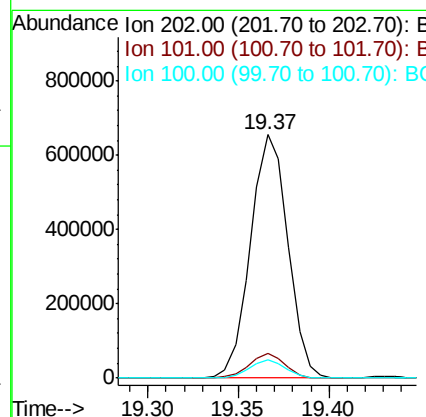
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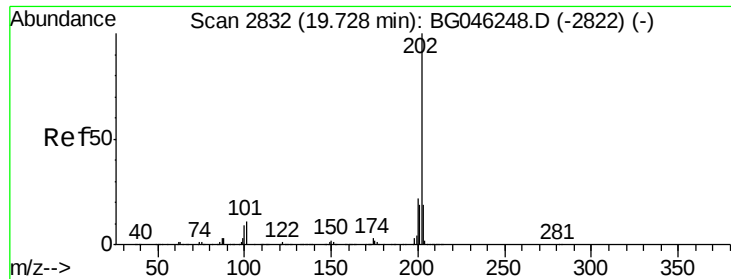
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#17
 Fluoranthene
 Concen: 28.650 ng/ul
 RT: 19.37 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BG046257.D
 Acq: 13 Aug 2020 20:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.8	11.6
100	7.5	5.9	8.9





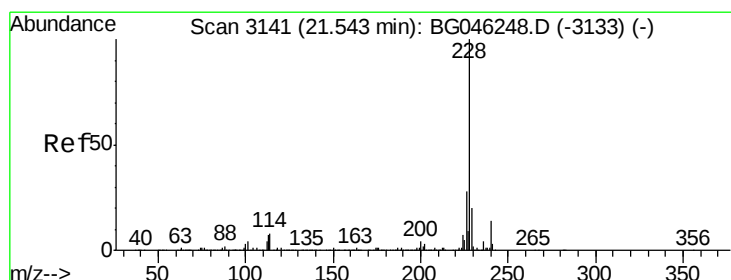
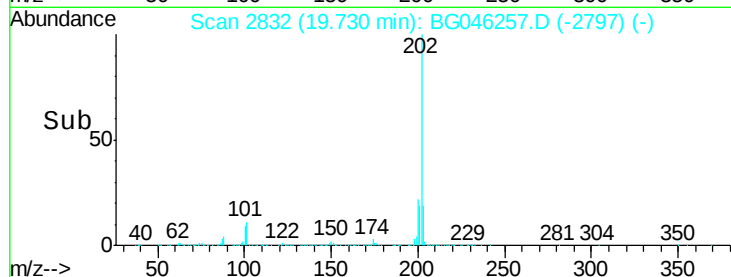
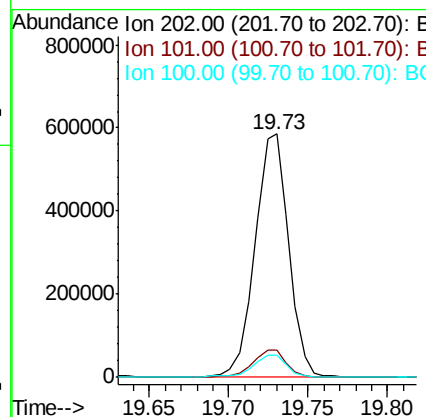
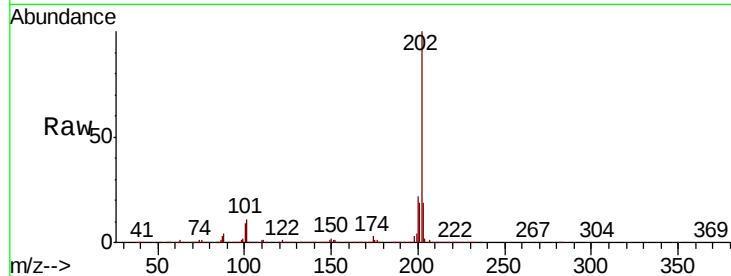
#20
Pvrene
Concen: 24.576 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Instrument :
BNA_G
ClientSampleId :
BFM64

Tot Ion	Ratio	Resp	Lower	Upper
202	100	859437		
101	11.0		8.9	13.3
100	8.9		7.9	11.9

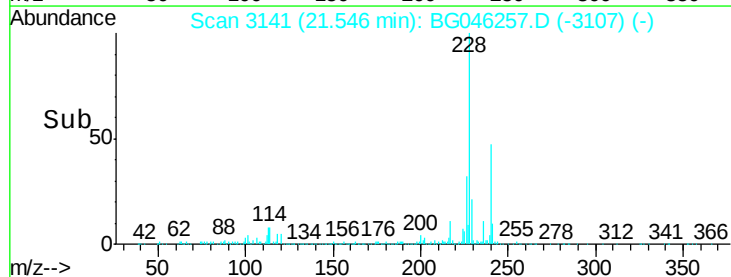
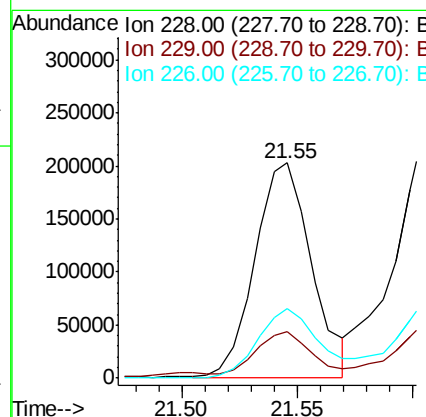
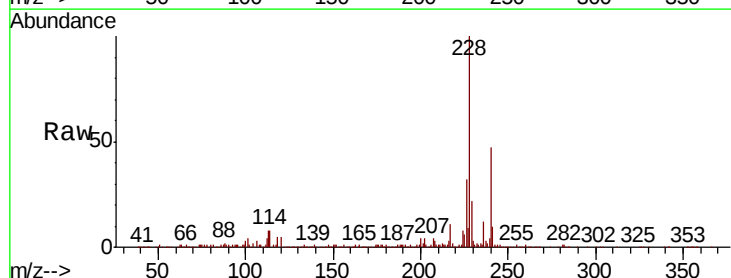
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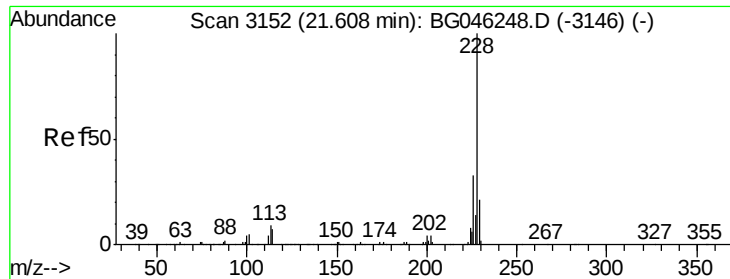
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#21
Benzo(a)anthracene
Concen: 9.926 ng/ul
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	344057		
229	21.7		16.6	25.0
226	32.0		22.6	33.8





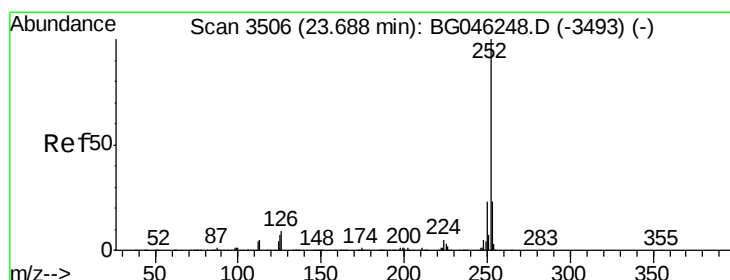
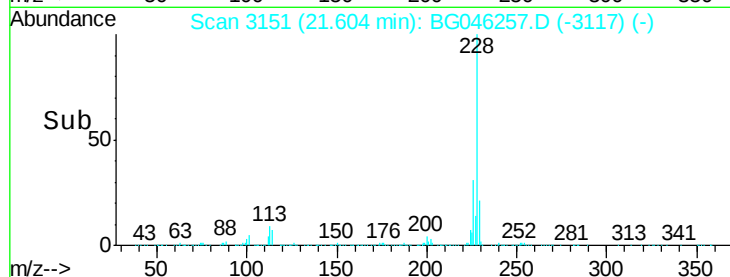
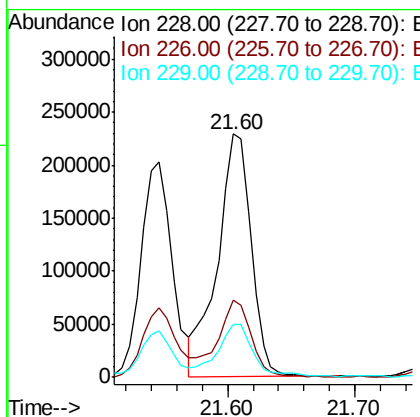
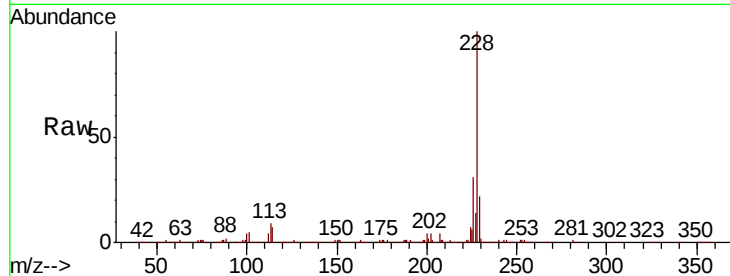
#22
Chrysene
Concen: 12.583 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Instrument :
BNA_G
ClientSampleId :
BFM64

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	21.7	17.0	25.4

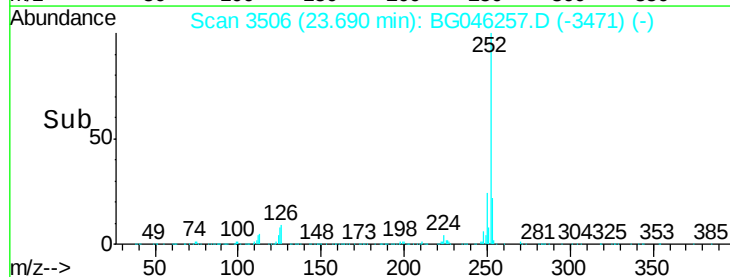
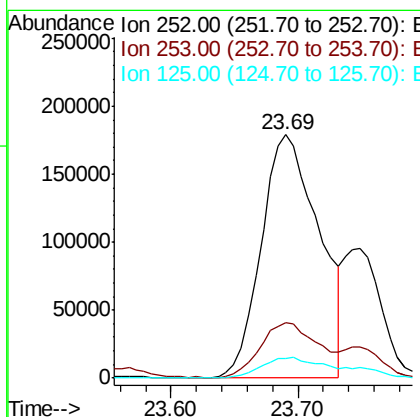
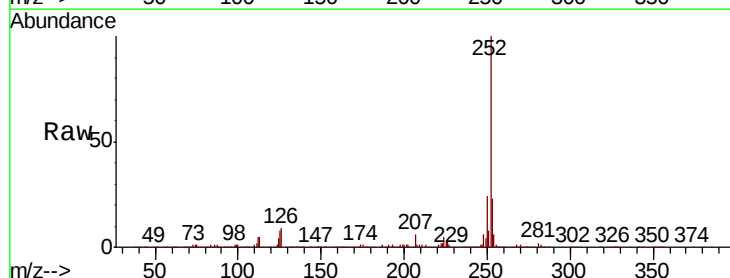
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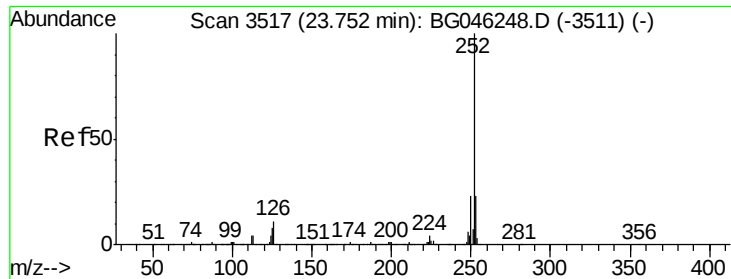
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#24
Benzo(b)fluoranthene
Concen: 15.372 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.9	6.4	9.6





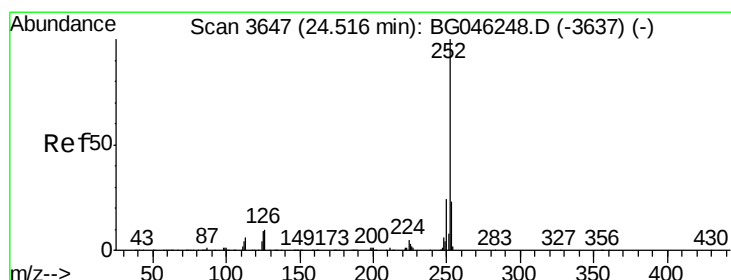
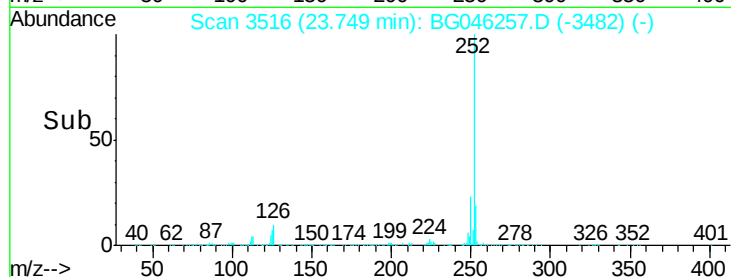
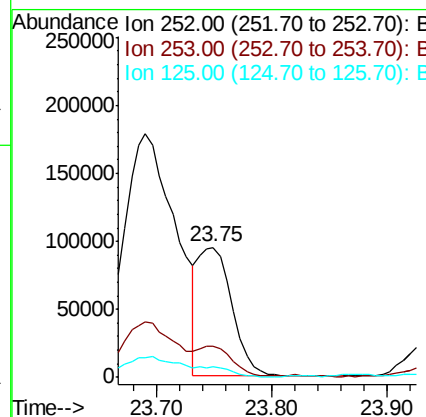
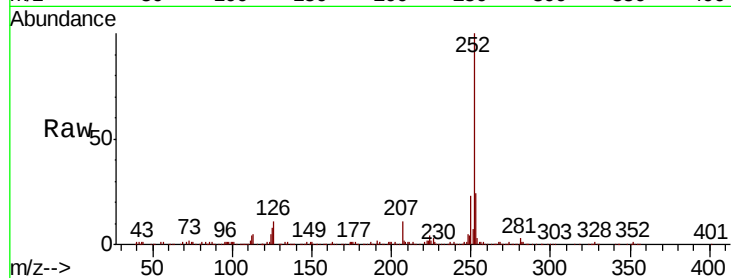
#25
Benzo(k)fluoranthene
Concen: 5.257 ng/ul
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Instrument :
BNA_G
ClientSampled :
BFM64

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	7.7	6.2	9.2

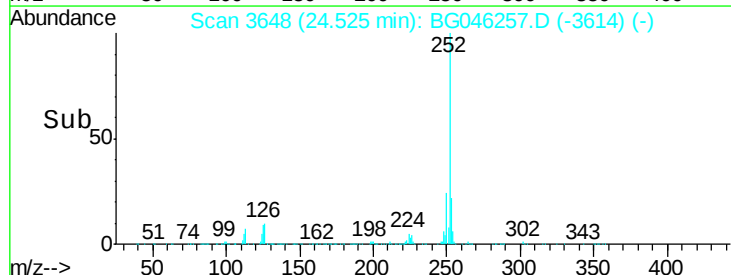
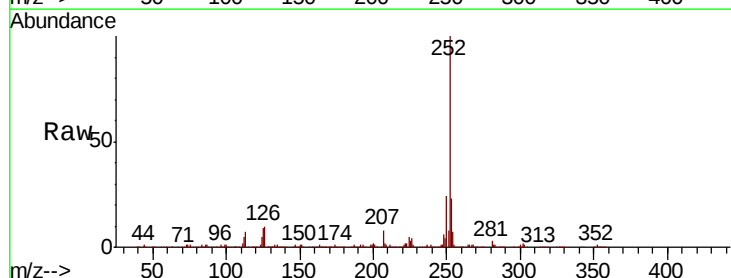
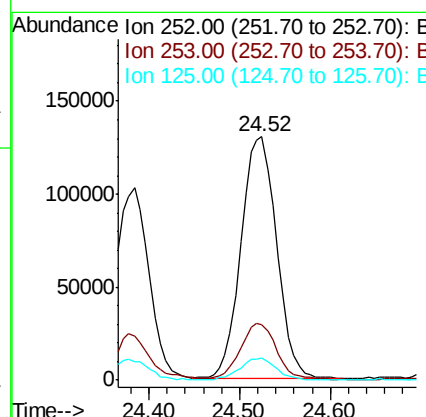
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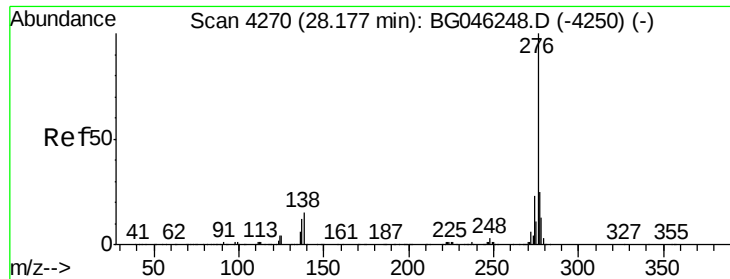
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#27
Benzo(a)pyrene
Concen: 10.496 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.3	7.1	10.7





#28

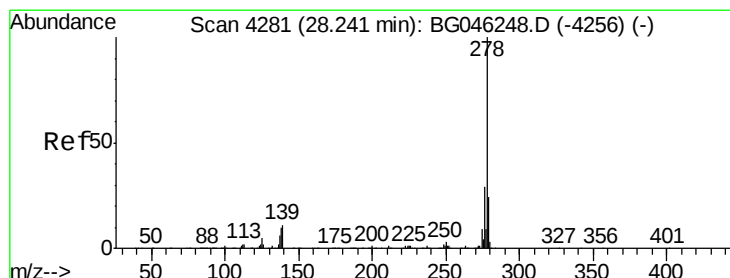
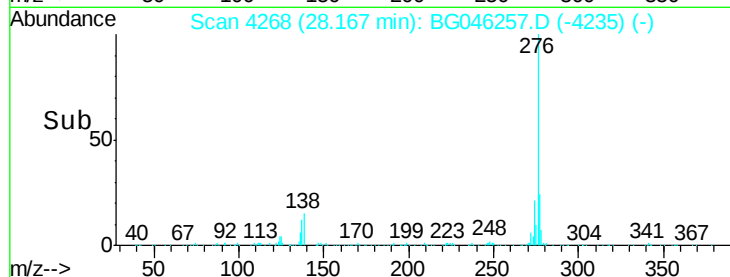
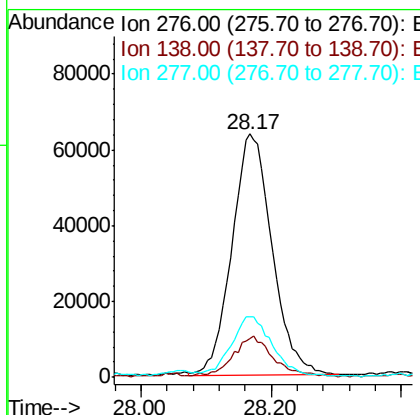
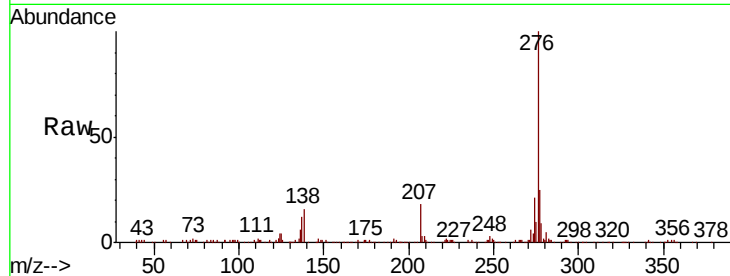
Indeno(1,2,3-cd)pyrene
Concen: 6.437 ng/ul
RT: 28.17 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Instrument :
BNA_G
ClientSampleId :
BFM64

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.2	19.8
277	24.7	19.9	29.9

Manual Integrations
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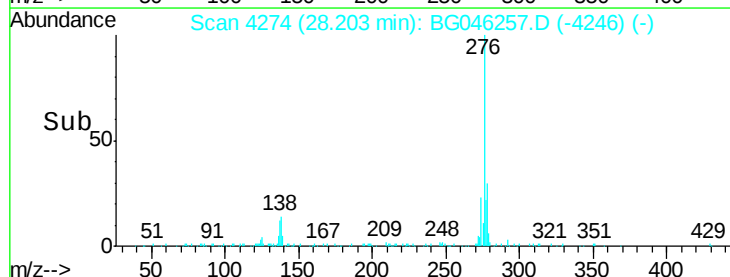
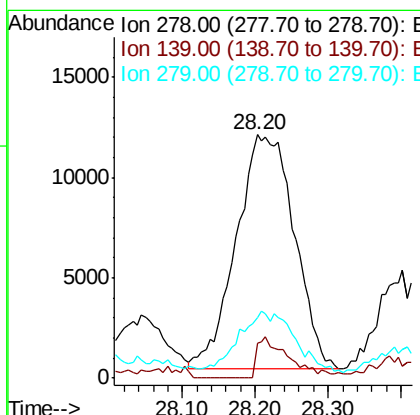
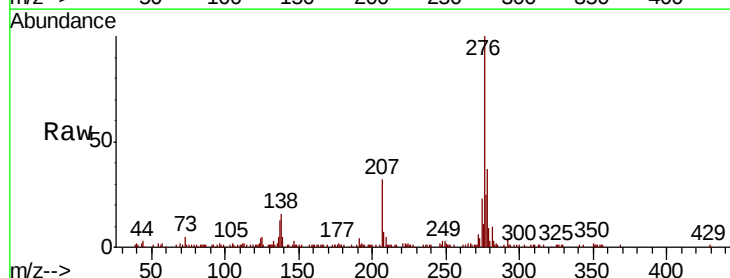
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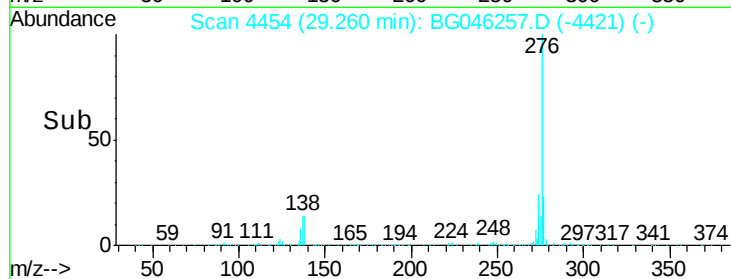
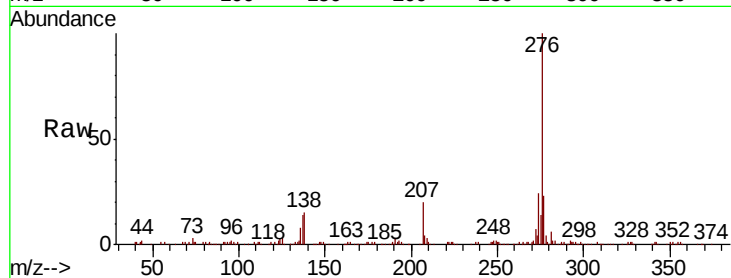
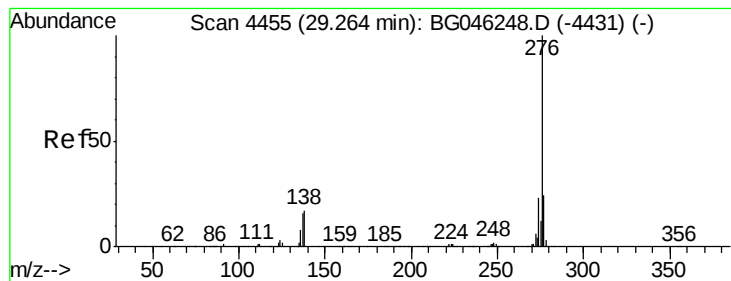


#29

Dibenzo(a,h)anthracene
Concen: 1.876 ng/ul m
RT: 28.20 min Scan# 4274
Delta R.T. -0.03 min
Lab File: BG046257.D
Acq: 13 Aug 2020 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.8	14.8
279	25.0	19.7	29.5





#30
 Benzo(a,h,i)perylene
 Concen: 7.055 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.01 min
 Lab File: BG046257.D
 Acq: 13 Aug 2020 20:22

Instrument :
 BNA_G
 ClientSampleId :
 BFM64

Tot Ion:	276	Resp:	249445
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.9	19.3
277	23.4	19.4	29.0

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