

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029137.D
 Acq On : 10 Oct 2017 12:26
 Operator : SJ/JU
 Sample : I5577-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH76MSD

Manual Integrations
 APPROVED

Sohil
 10/11/2017 3:34:16 PM

Quant Time: Oct 11 04:40:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	42420	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	179821	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	119075	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	267128	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	284451	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	297334	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	313500	25.31	ng/ul	0.00
10) Fluorene-d10	15.82	176	248073	27.62	ng/ul	0.00
14) Anthracene-d10	17.66	188	359192	27.76	ng/ul	0.00
18) Pyrene-d10	19.93	212	403805	27.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	371298	26.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.09	128	12904	1.378	ng/ul#	88
4) 2-Methylnaphthalene	12.67	142	11732	1.651	ng/ul	92
5) 1-Methylnaphthalene	12.88	142	8203	1.210	ng/ul#	82
9) Acenaphthene	14.89	153	199300	24.561	ng/ul	95
13) Phenanthrene	17.61	178	124187	8.716	ng/ul	98
15) Anthracene	17.70	178	20589m	1.412	ng/ul	
16) Fluoranthene	19.61	202	259891	15.560	ng/ul#	89
19) Pyrene	19.96	202	618023	34.855	ng/ul#	89
20) Benzo(a)anthracene	21.83	228	134916	8.054	ng/ul	95
21) Chrysene	21.89	228	133204	8.684	ng/ul	96
23) Benzo(b)fluoranthene	24.12	252	176265m	9.909	ng/ul	
24) Benzo(k)fluoranthene	24.19	252	71080m	4.094	ng/ul	
26) Benzo(a)pyrene	25.03	252	107078	6.198	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	29.03	276	71121	3.627	ng/ul#	87
28) Dibenzo(a,h)anthracene	29.07	278	19870	1.224	ng/ul#	89
29) Benzo(a,h,i)perylene	30.22	276	49301	3.049	ng/ul#	91

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

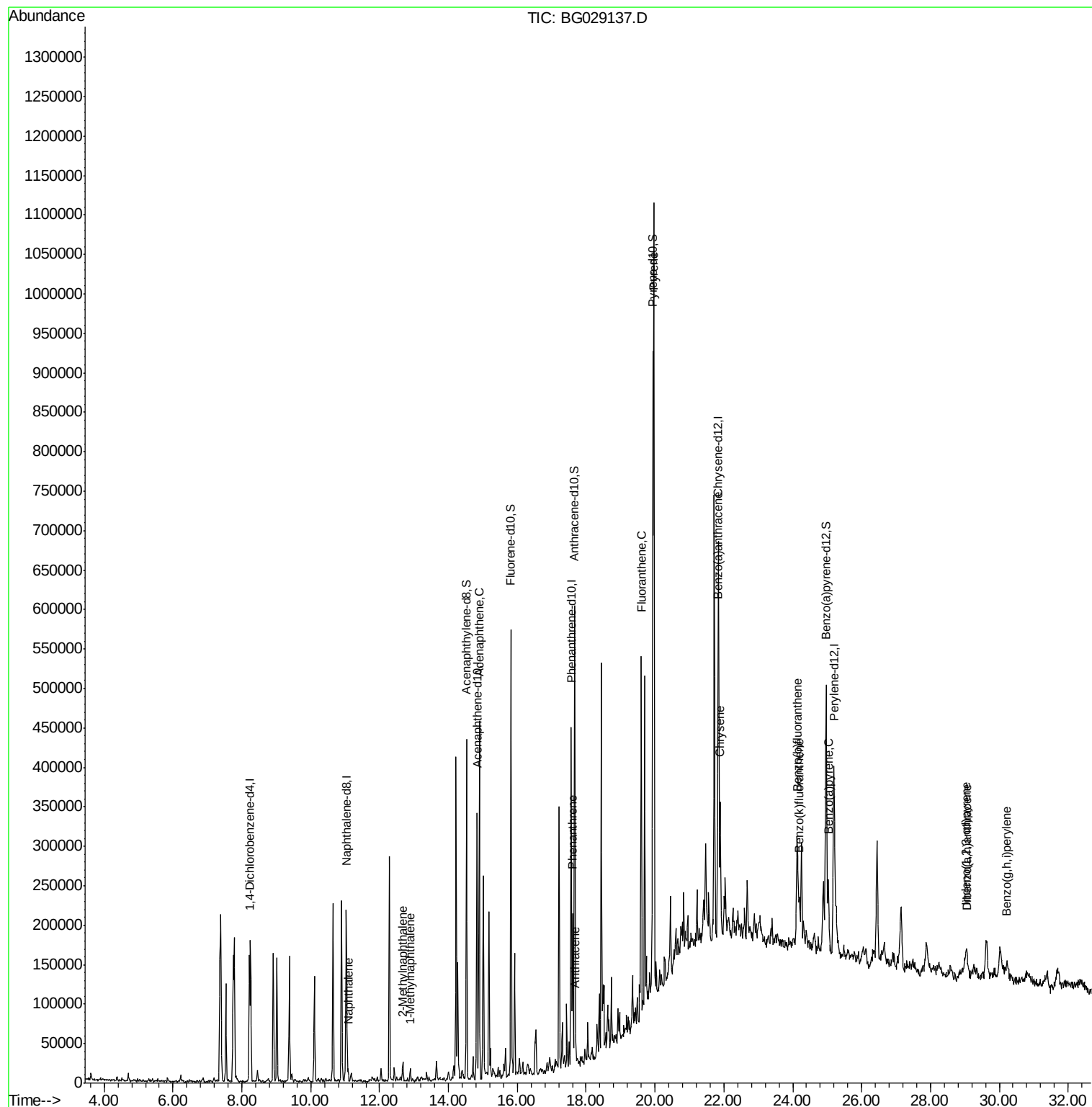
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029137.D
Acq On : 10 Oct 2017 12:26
Operator : SJ/JU
Sample : I5577-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

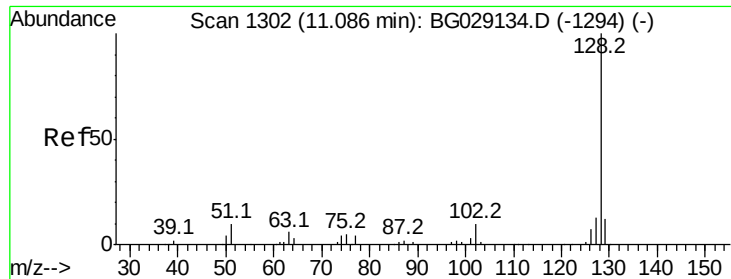
Instrument :
BNA_G
ClientSampleId :
DAH76MSD

Manual Integrations
APPROVED

Sohil
10/11/2017 3:34:16 PM

Quant Time: Oct 11 04:40:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.378 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG029137.D

Acq: 10 Oct 2017 12:26

Instrument :

BNA_G

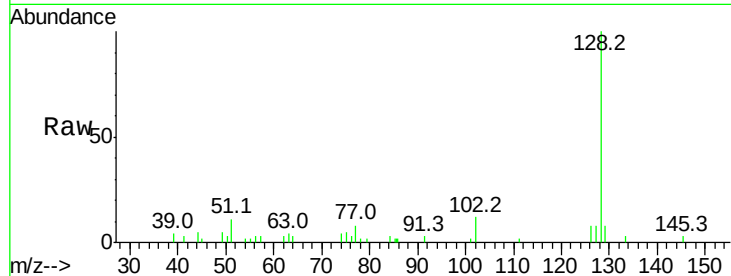
ClientSampleId :

DAH76MSD

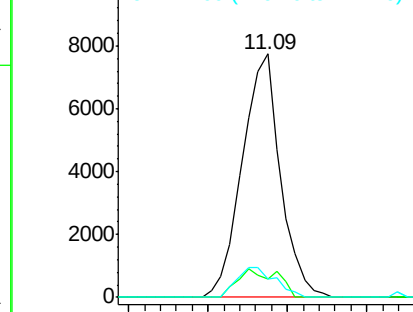
Tot Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.7	13.1#
127	7.6	10.6	16.0#

Manual Integrations
APPROVED

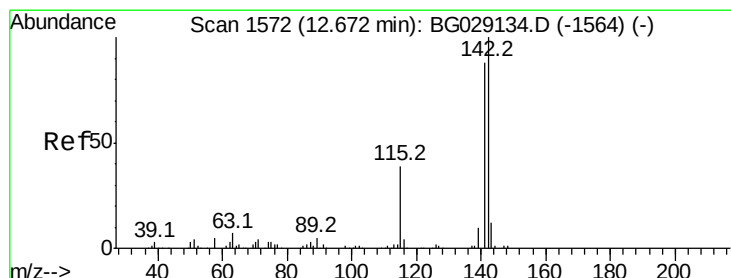
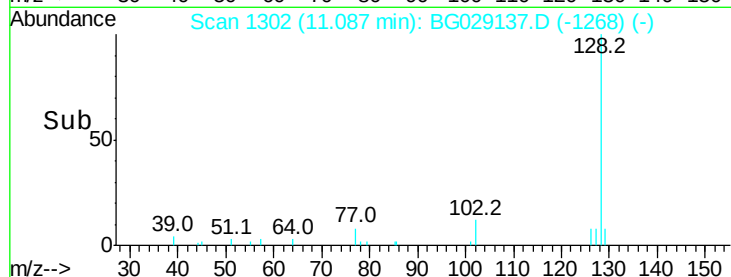
Sohil
10/11/2017 3:34:16 PM



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



Time-->



#4

2-Methylnaphthalene

Concen: 1.651 ng/ul

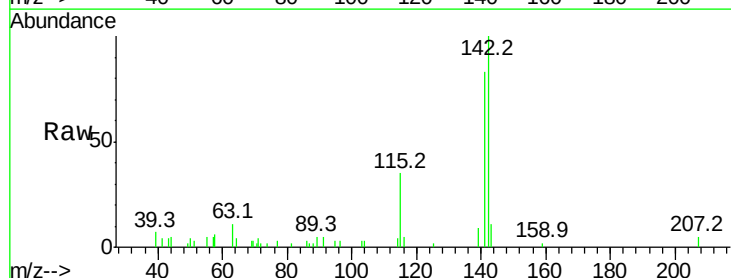
RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

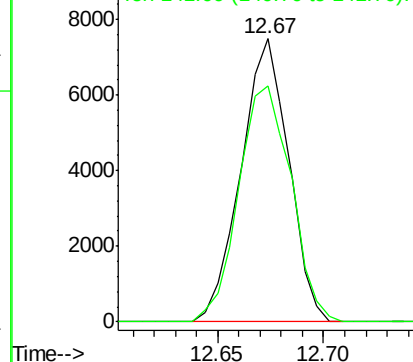
Lab File: BG029137.D

Acq: 10 Oct 2017 12:26

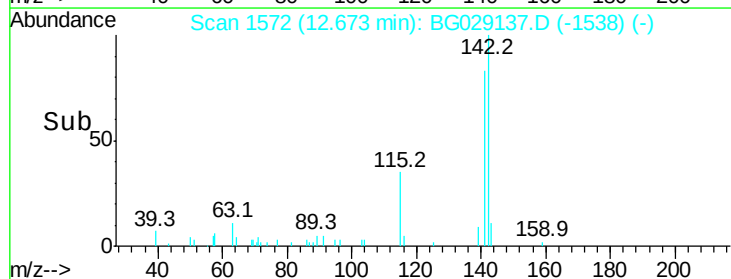
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.4	72.7	109.1

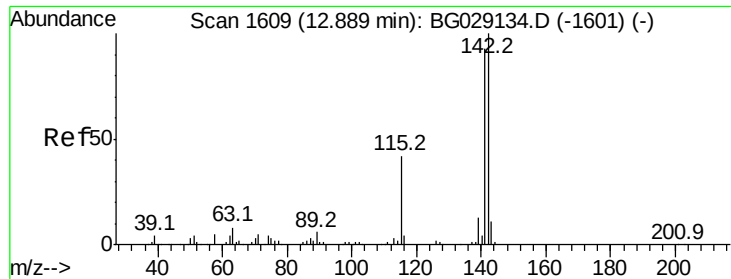


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#5

1-Methylnaphthalene

Concen: 1.210 ng/ul

RT: 12.88 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BG029137.D

Acq: 10 Oct 2017 12:26

Instrument :

BNA_G

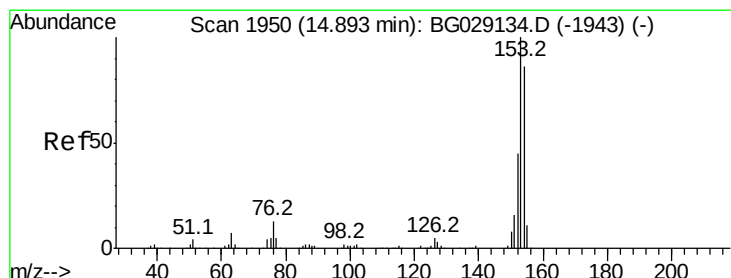
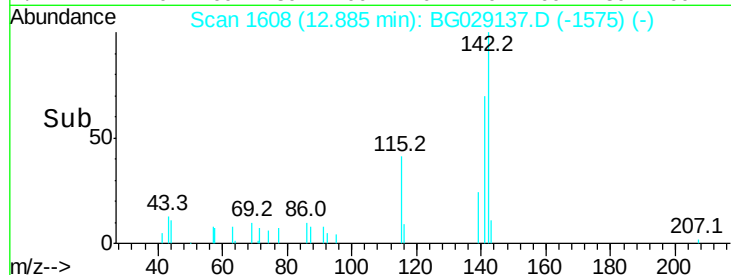
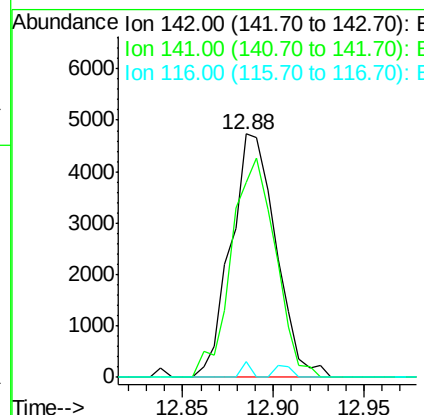
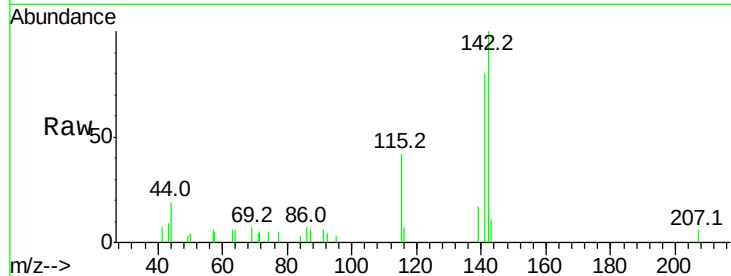
ClientSampleId :

DAH76MSD

Tot Ion:	142	Resp:	8203
Ion Ratio	Lower	Upper	
142	100		
141	80.3	79.3	118.9
116	6.6	4.2	6.2#

Manual Integrations
APPROVED

Sohil
10/11/2017 3:34:16 PM



#9

Acenaphthene

Concen: 24.561 ng/ul

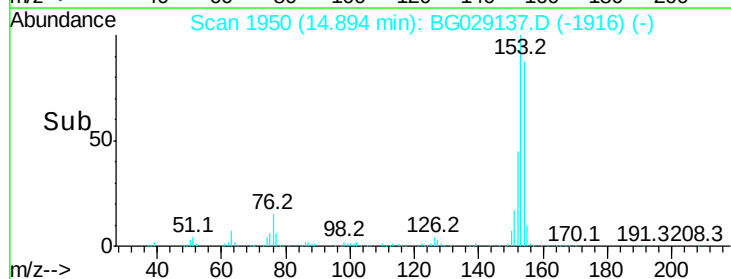
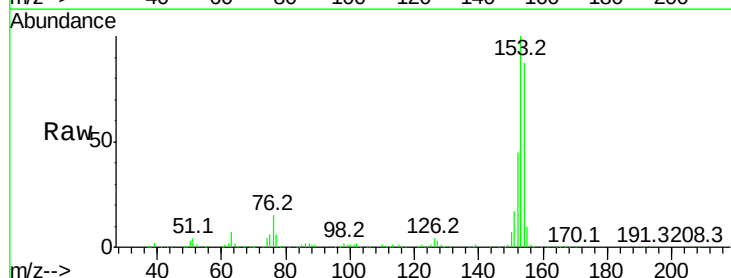
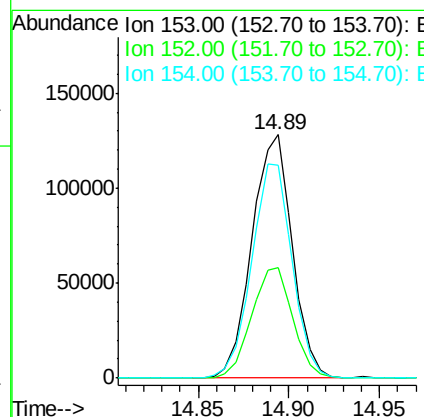
RT: 14.89 min Scan# 1950

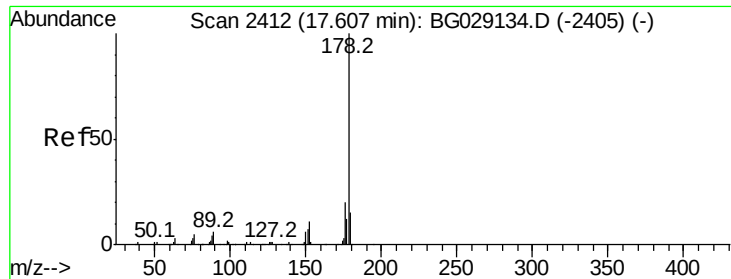
Delta R.T. 0.00 min

Lab File: BG029137.D

Acq: 10 Oct 2017 12:26

Tgt Ion:	153	Resp:	199300
Ion Ratio	Lower	Upper	
153	100		
152	45.2	39.0	58.6
154	87.2	66.8	100.2





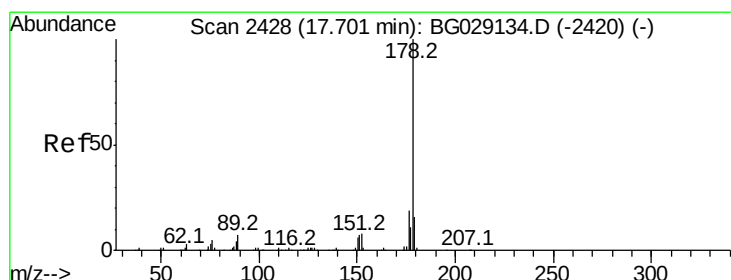
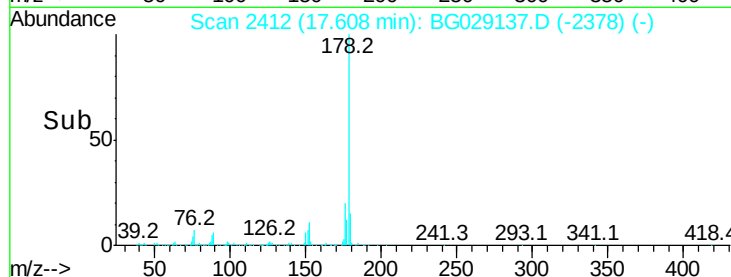
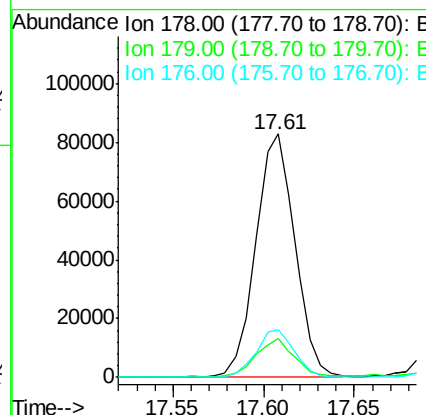
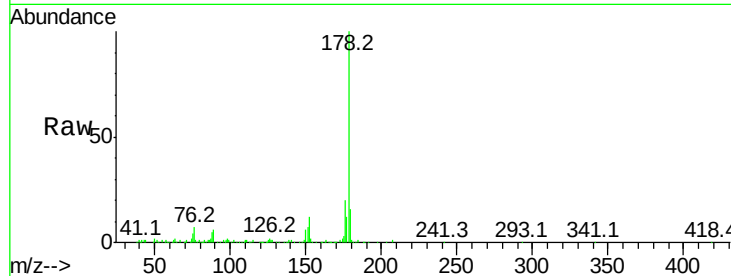
#13
Phenanthrene
Concen: 8.716 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Instrument :
BNA_G
ClientSampled :
DAH76MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.9	15.1	22.7

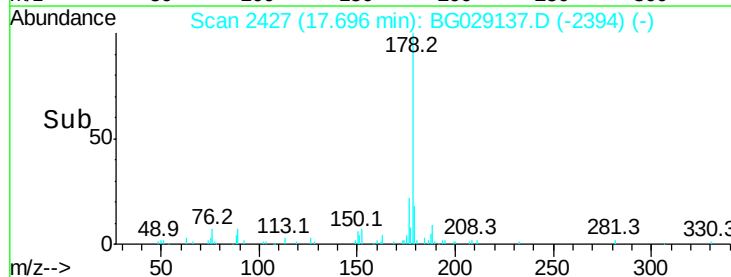
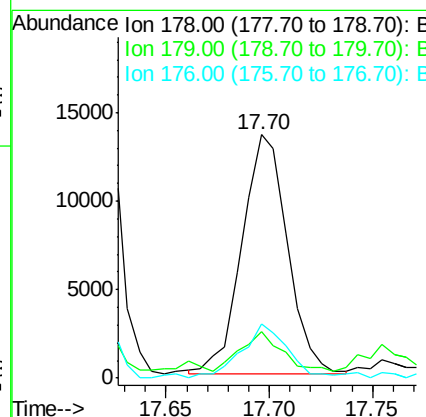
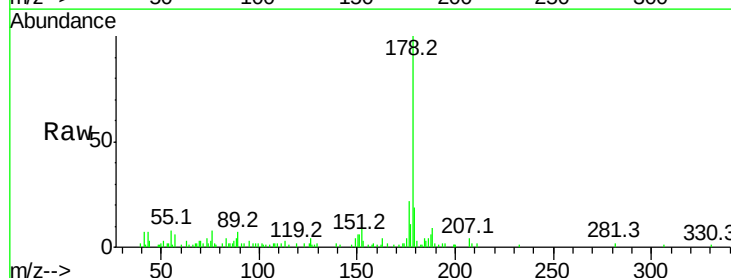
Manual Integrations
APPROVED

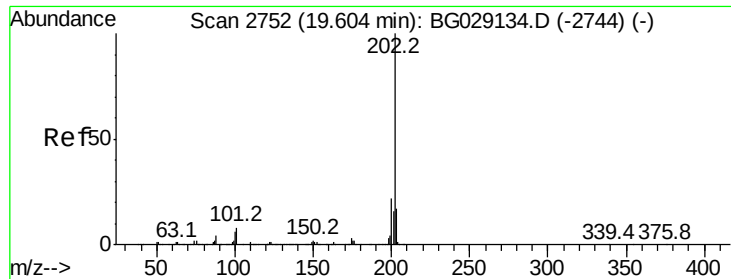
Sohil
10/11/2017 3:34:16 PM



#15
Anthracene
Concen: 1.412 ng/ul m
RT: 17.70 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	11.8	17.8#
176	22.1	15.2	22.8





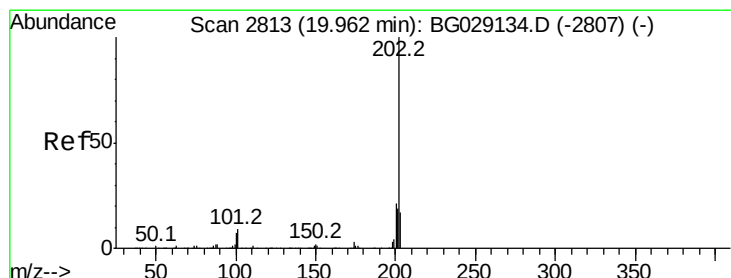
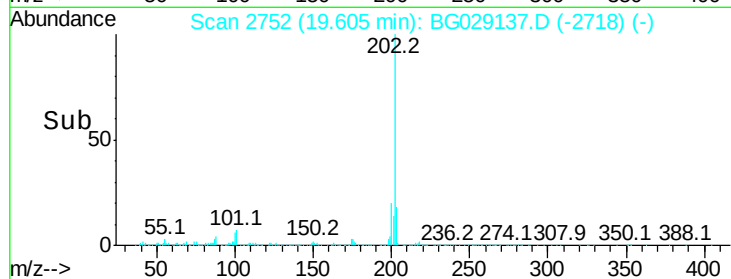
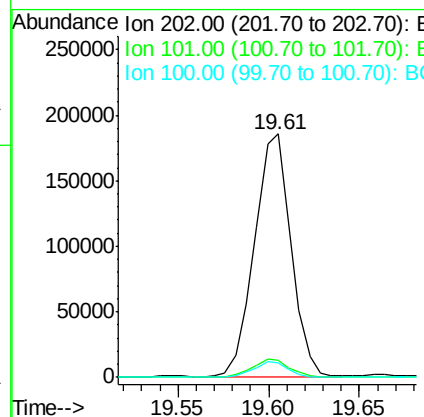
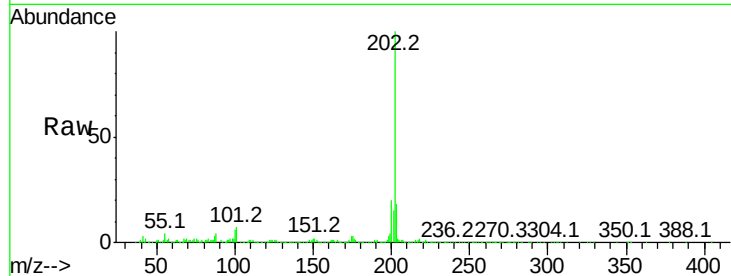
#16
 Fluoranthene
 Concen: 15.560 ng/ul
 RT: 19.61 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG029137.D
 Acq: 10 Oct 2017 12:26

Instrument :
 BNA_G
 ClientSampleId :
 DAH76MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	9.9	14.9#
100	6.1	7.4	11.0#

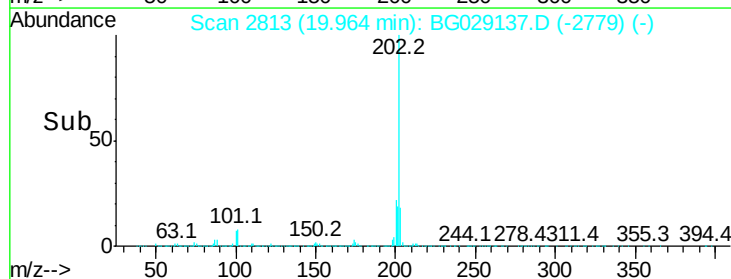
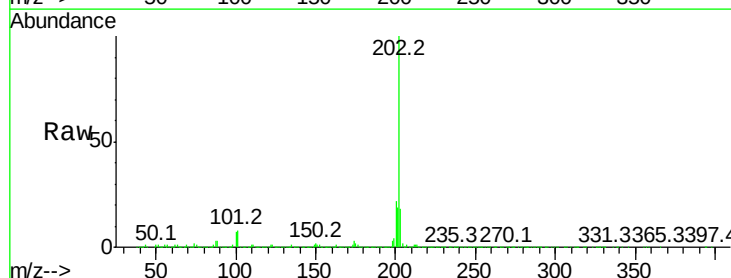
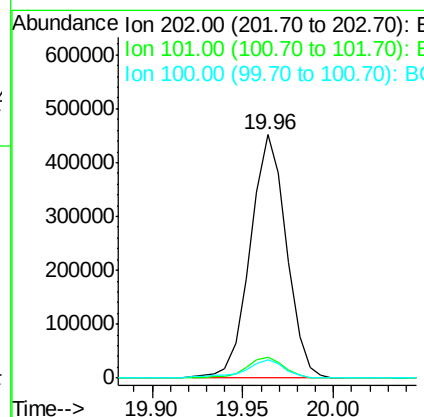
Manual Integrations
 APPROVED

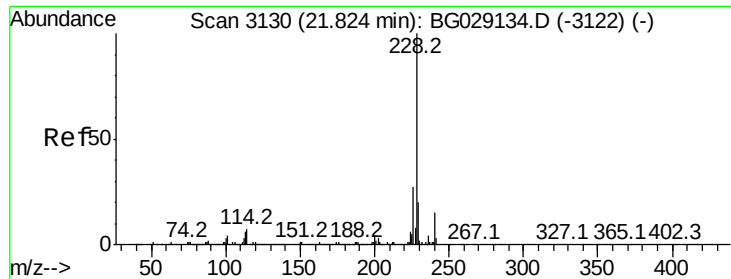
Sohil
 10/11/2017 3:34:16 PM



#19
 Pyrene
 Concen: 34.855 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BG029137.D
 Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	11.0	16.4#
100	7.4	8.1	12.1#





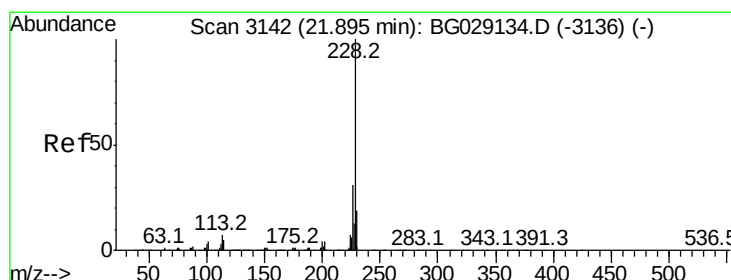
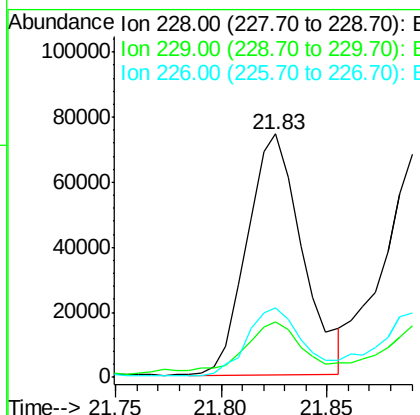
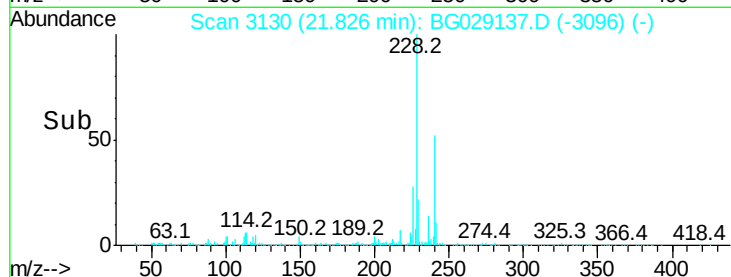
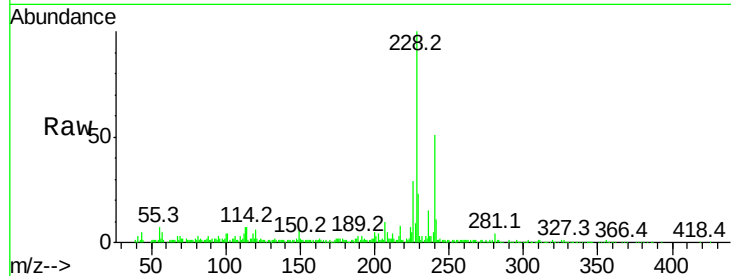
#20
Benzo(a)anthracene
Concen: 8.054 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Instrument :
BNA_G
ClientSampleId :
DAH76MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.7	23.5
226	28.5	21.1	31.7

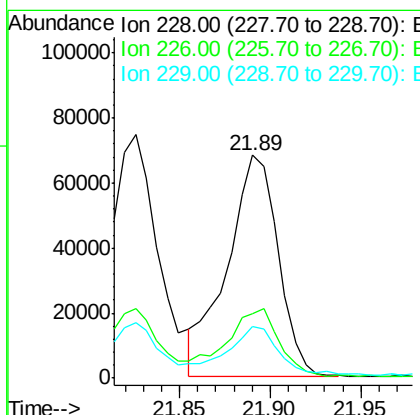
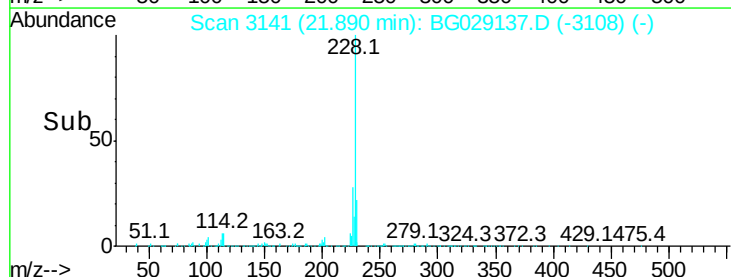
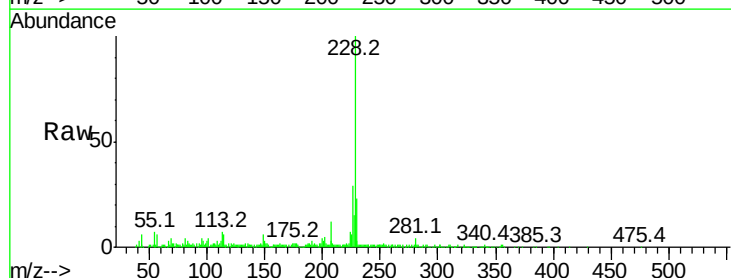
Manual Integrations
APPROVED

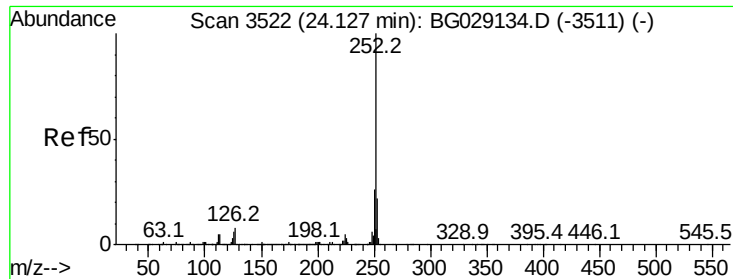
Sohil
10/11/2017 3:34:16 PM



#21
Chrysene
Concen: 8.684 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.5	36.7
229	23.1	15.8	23.8





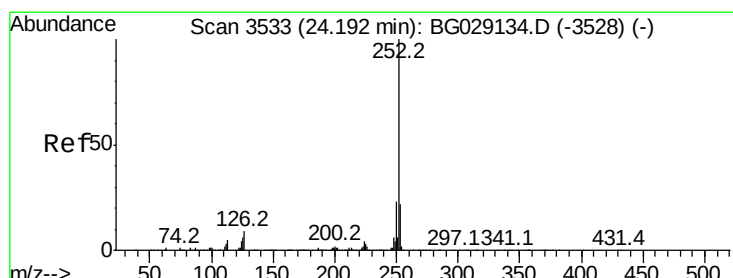
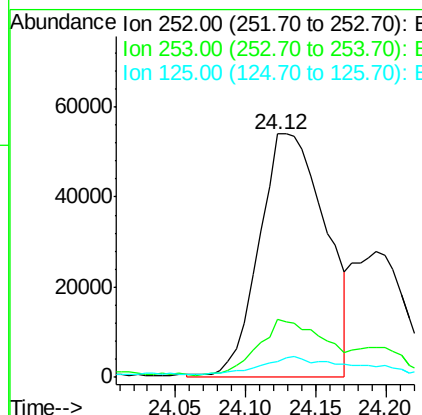
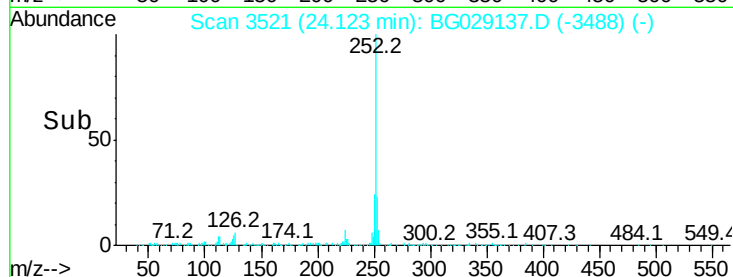
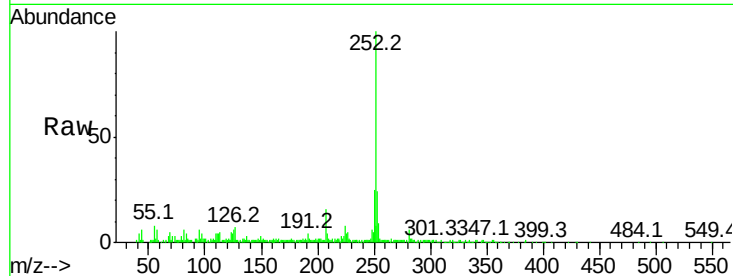
#23
Benzo(b)fluoranthene
Concen: 9.909 ng/ul m
RT: 24.12 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Instrument :
BNA_G
ClientSampleId :
DAH76MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	18.0	27.0
125	6.5	8.0	12.0

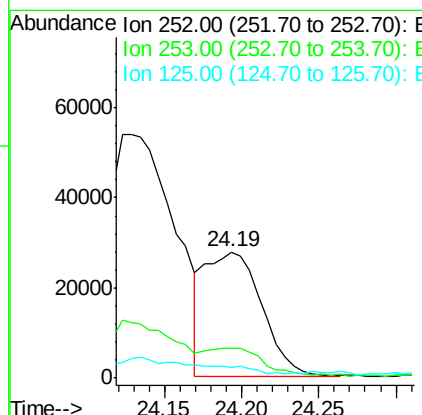
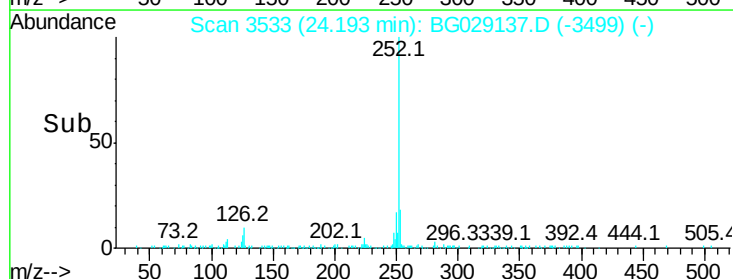
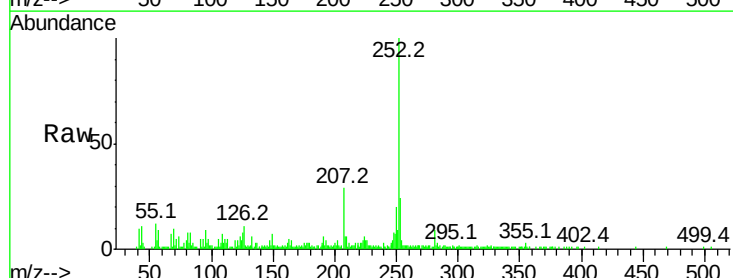
Manual Integrations
APPROVED

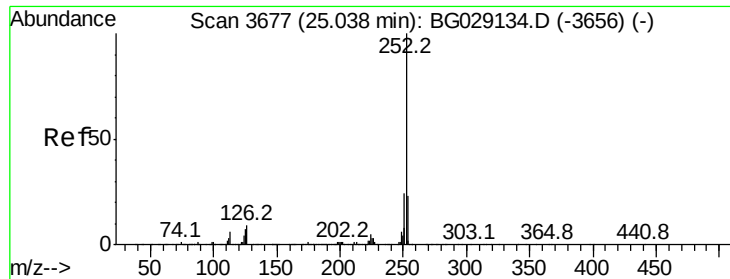
Sohil
10/11/2017 3:34:16 PM



#24
Benzo(k)fluoranthene
Concen: 4.094 ng/ul m
RT: 24.19 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.0	27.0
125	8.4	8.1	12.1





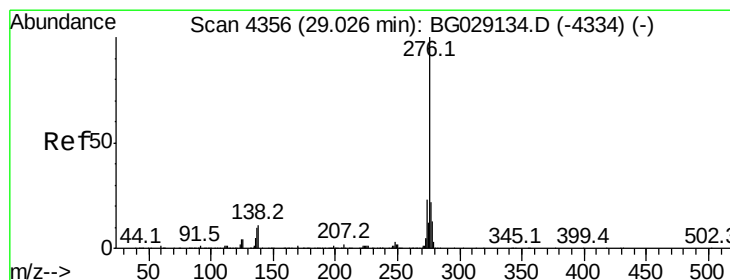
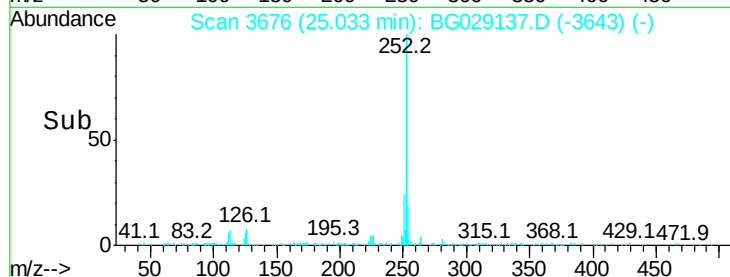
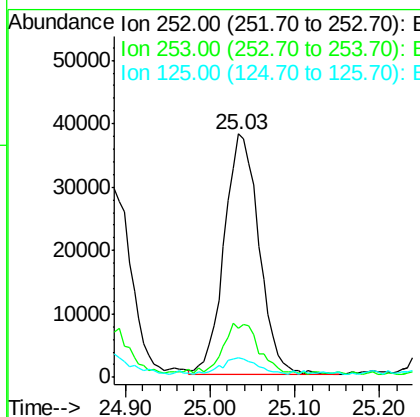
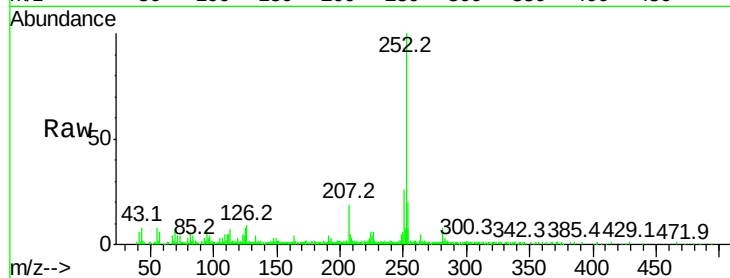
#26
Benzo(a)pyrene
Concen: 6.198 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Instrument :
BNA_G
ClientSampleId :
DAH76MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.2	25.8
125	8.2	8.2	12.4

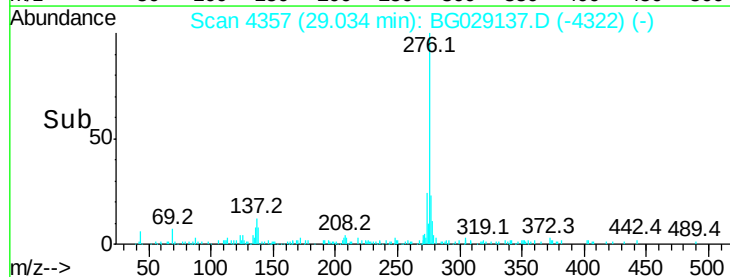
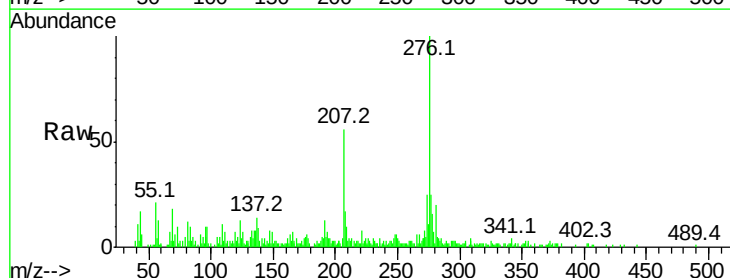
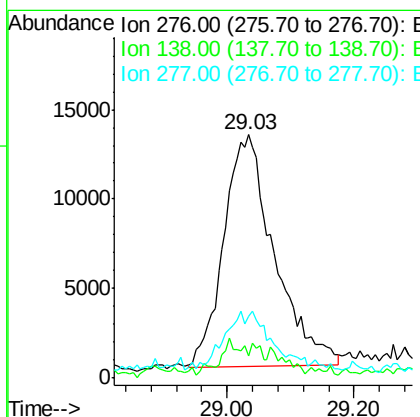
Manual Integrations
APPROVED

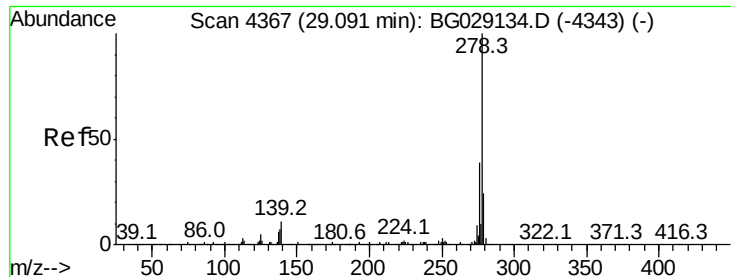
Sohil
10/11/2017 3:34:16 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.627 ng/ul
RT: 29.03 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.0	14.4	21.6
277	25.5	18.0	27.0





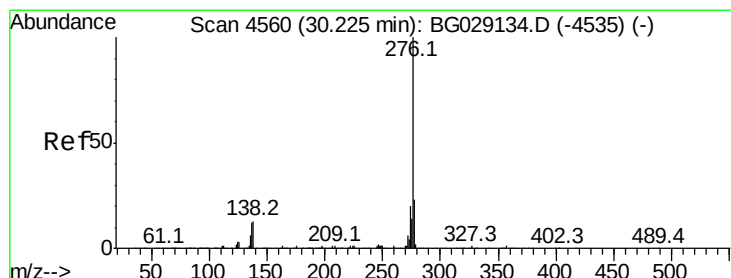
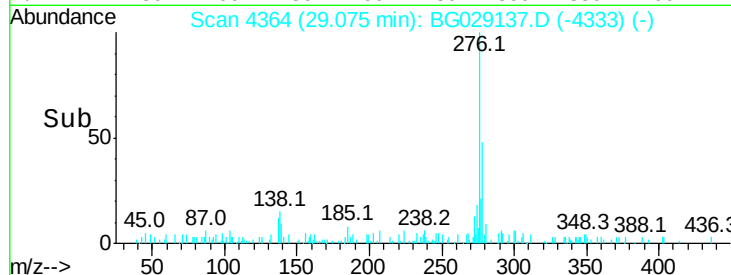
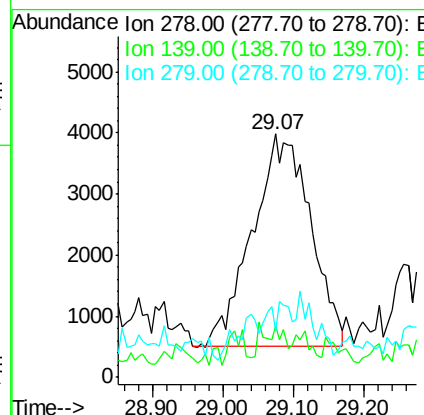
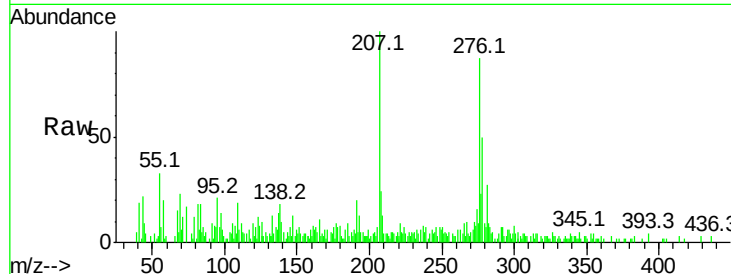
#28
Dibenzo(a,h)anthracene
Concen: 1.224 ng/ul
RT: 29.07 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Instrument :
BNA_G
ClientSampleId :
DAH76MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.2	18.4#
279	19.1	19.2	28.8#

Manual Integrations
APPROVED

Sohil
10/11/2017 3:34:16 PM



#29
Benzo(g,h,i)perylene
Concen: 3.049 ng/ul
RT: 30.22 min Scan# 4559
Delta R.T. -0.00 min
Lab File: BG029137.D
Acq: 10 Oct 2017 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.3	22.9
277	29.0	19.0	28.4#

