

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046404.D
 Acq On : 21 Aug 2020 8:41
 Operator : CG/JU
 Sample : L3635-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMG8

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:45:44 PM

Quant Time: Aug 21 12:50:28 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	98216	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	405394	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	268268	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	589191	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	571186	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	635973	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	150563	21.57	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	557605	22.59	ng/ul	0.00
10) Fluorene-d10	15.56	176	427639	22.60	ng/ul	0.00
15) Anthracene-d10	17.41	188	602659	22.07	ng/ul	0.00
19) Pyrene-d10	19.69	212	680157	23.13	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	733674	21.14	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Acenaphthylene	14.30	152	25141	1.002	ng/ul	96
14) Phenanthrene	17.35	178	300391	9.267	ng/ul	100
16) Anthracene	17.44	178	52169	1.595	ng/ul	97
17) Fluoranthene	19.36	202	635739	17.590	ng/ul	99
20) Pyrene	19.72	202	597207	15.928	ng/ul	98
21) Benzo(a)anthracene	21.54	228	329599	8.869	ng/ul	97
22) Chrysene	21.60	228	354570	9.870	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	471996	11.223	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	160558m	3.849	ng/ul	
27) Benzo(a)pyrene	24.52	252	308747	7.997	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	195956	4.053	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	58940m	1.504	ng/ul	
30) Benzo(a,h,i)perylene	29.28	276	178343	4.408	ng/ul	97

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

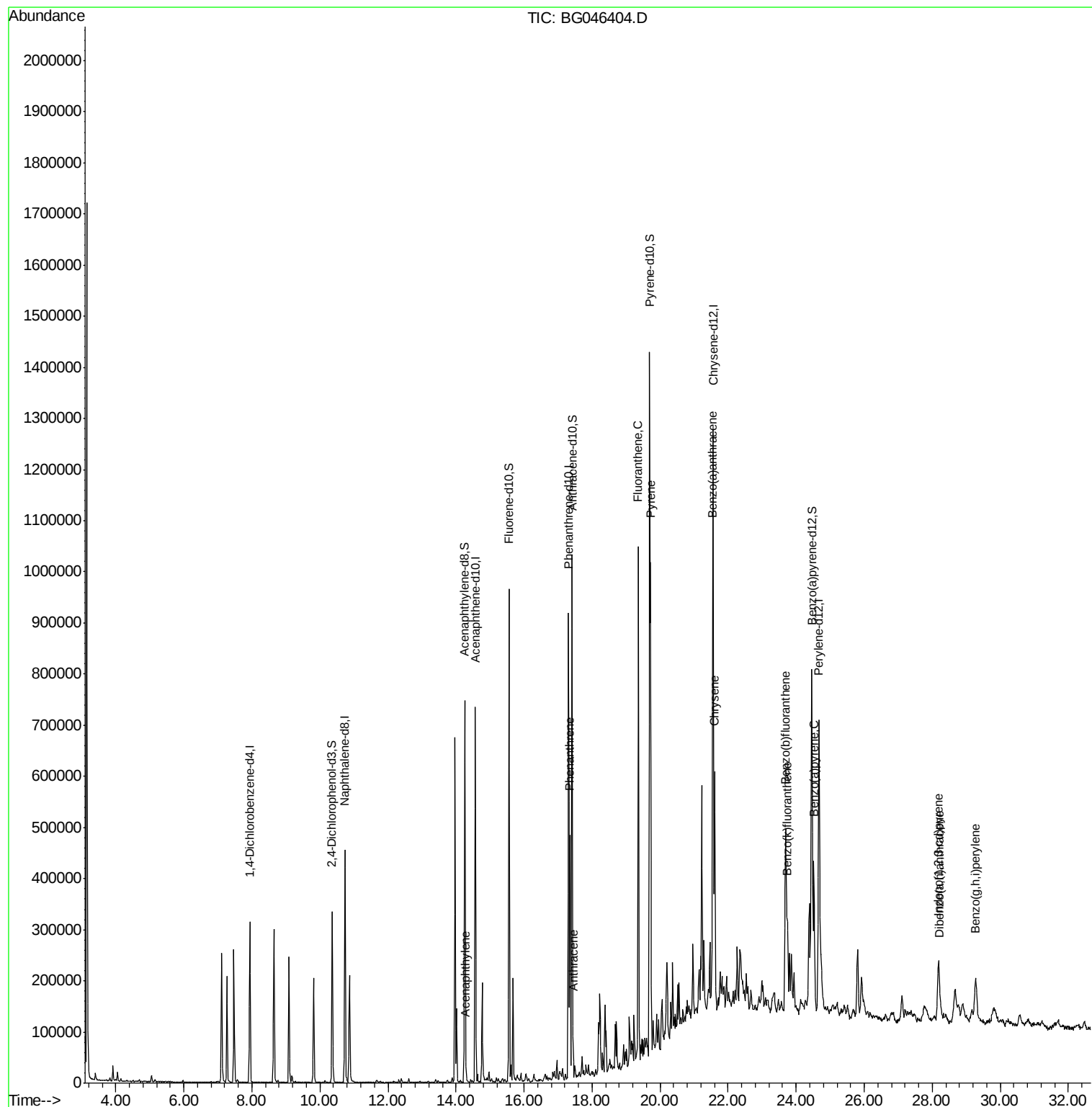
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046404.D
Acq On : 21 Aug 2020 8:41
Operator : CG/JU
Sample : L3635-02
Misc :
ALS Vial : 68 Sample Multiplier: 1

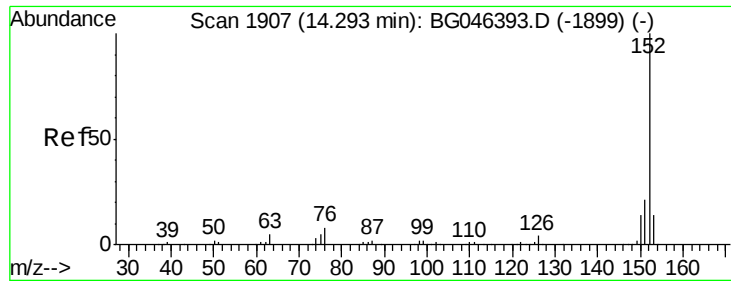
Instrument :
BNA_G
ClientSampleId :
BFMG8

Quant Time: Aug 21 12:50:28 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

Manual Integrations
APPROVED

Sohil
8/24/2020 1:45:44 PM





#8

Acenaphthylene

Concen: 1.002 ng/ul

RT: 14.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Instrument :

BNA_G

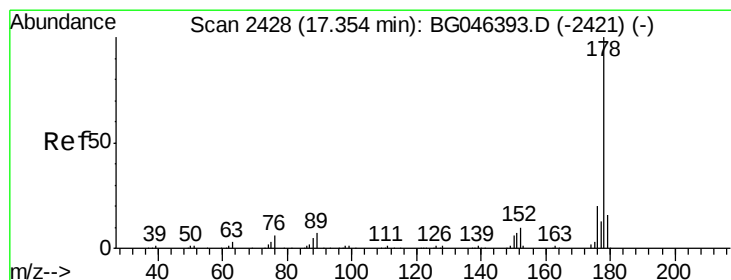
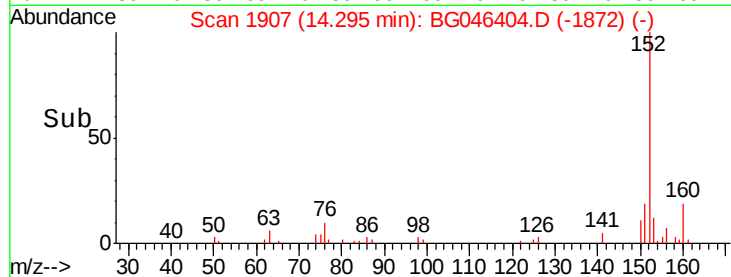
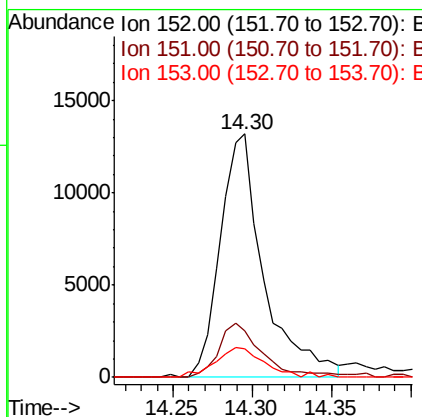
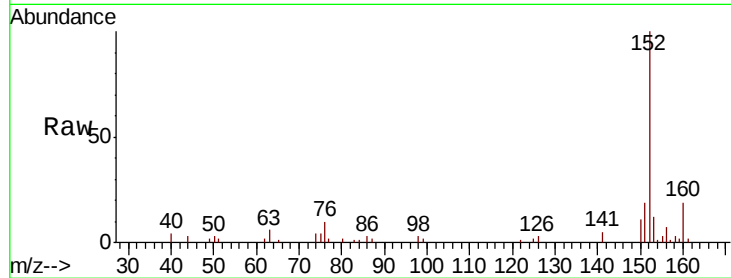
ClientSampleId :

BFMG8

Tot Ion:	152	Resp:	25141
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.5	24.7
153	11.8	11.0	16.6

Manual Integrations
APPROVED

Sohil
8/24/2020 1:45:44 PM



#14

Phenanthrene

Concen: 9.267 ng/ul

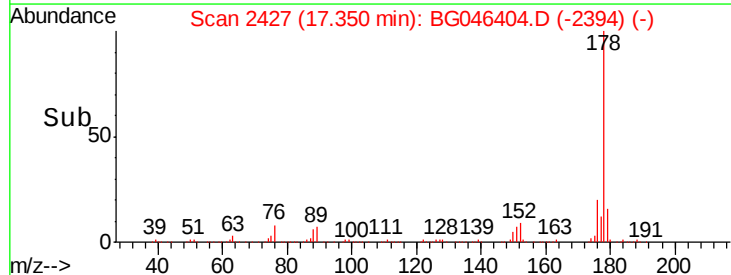
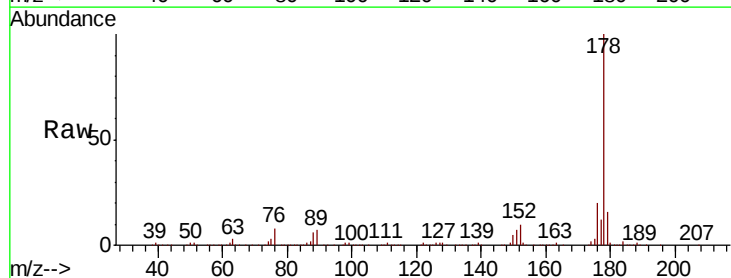
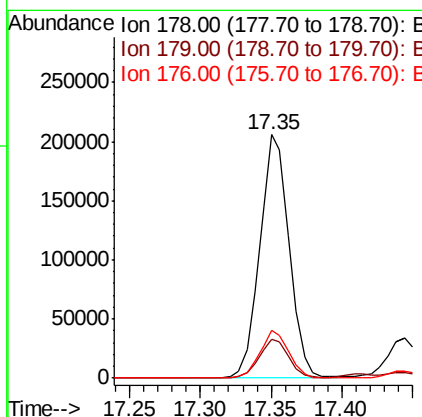
RT: 17.35 min Scan# 2427

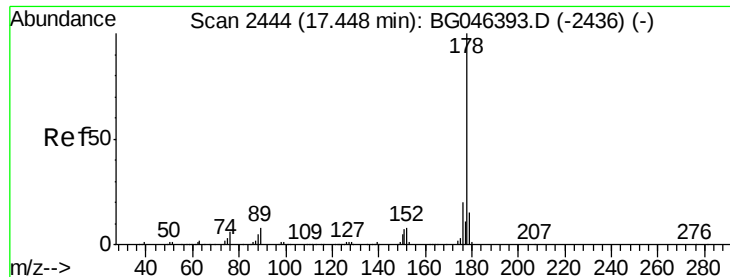
Delta R.T. -0.00 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Tgt Ion:	178	Resp:	300391
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	19.7	15.8	23.8





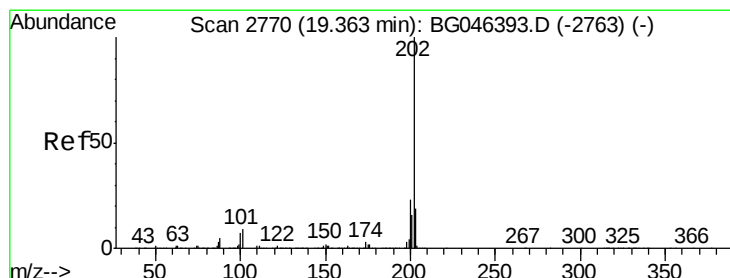
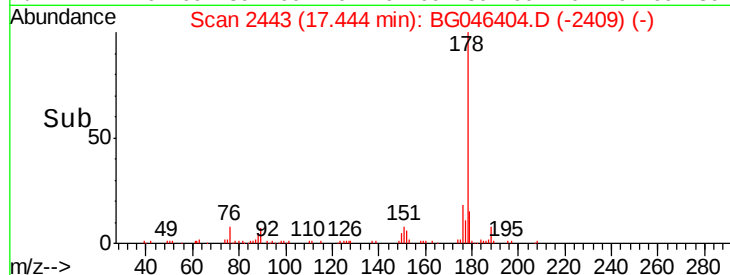
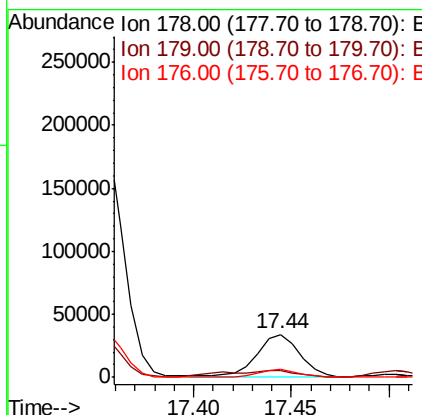
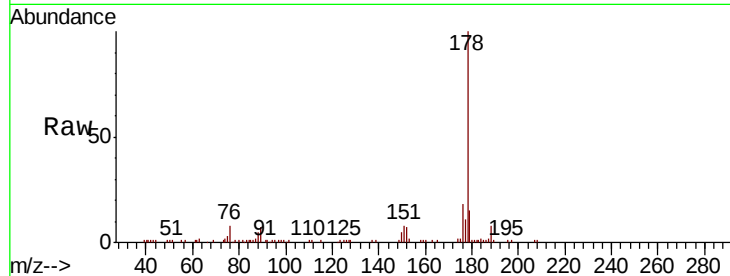
#16
 Anthracene
 Concen: 1.595 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG046404.D
 Acq: 21 Aug 2020 8:41

Instrument :
 BNA_G
 ClientSampled :
 BFMG8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	18.1	15.2	22.8

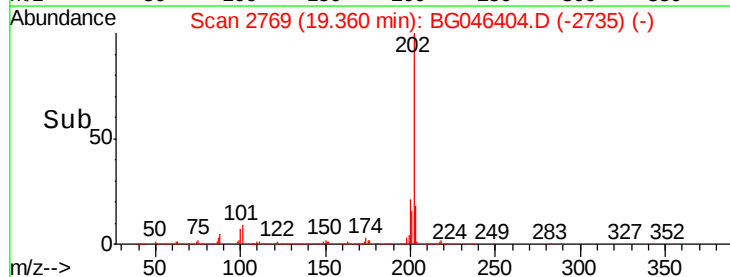
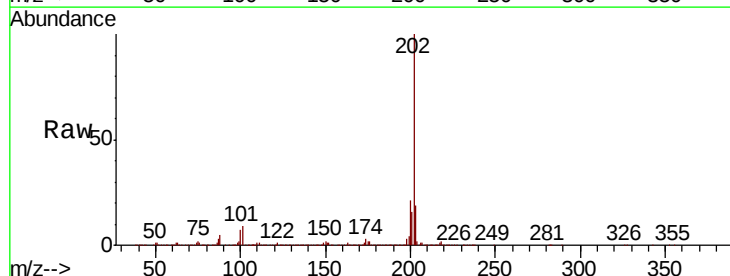
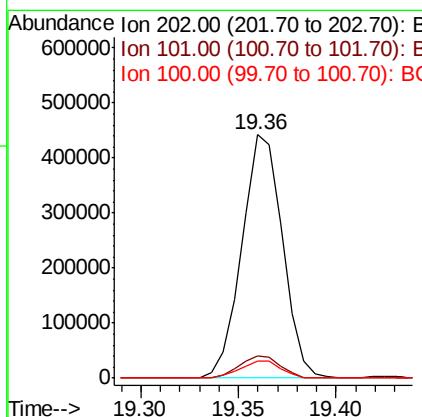
Manual Integrations
 APPROVED

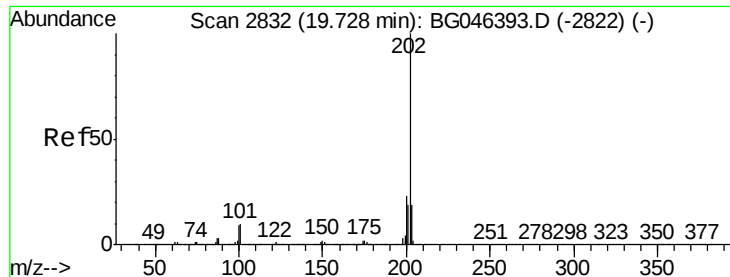
Sohil
 8/24/2020 1:45:44 PM



#17
 Fluoranthene
 Concen: 17.590 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: BG046404.D
 Acq: 21 Aug 2020 8:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	6.9	5.9	8.9





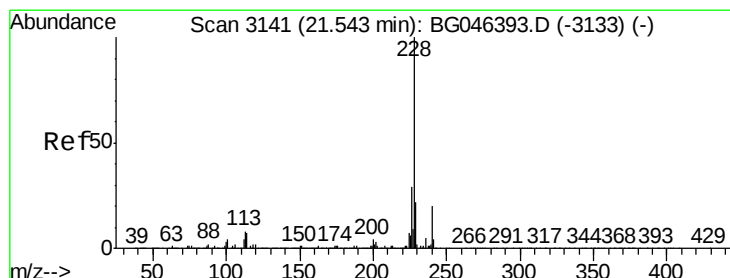
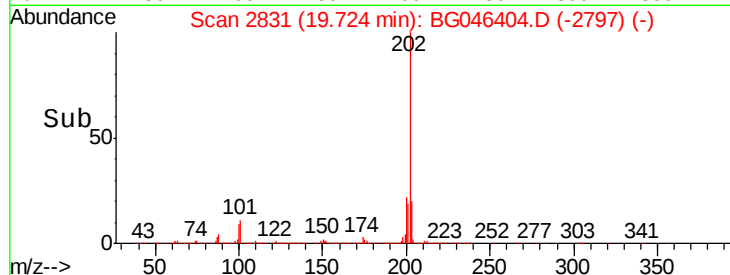
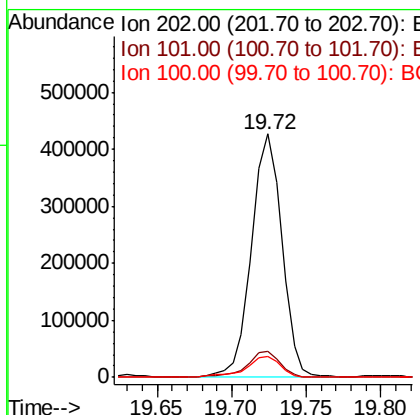
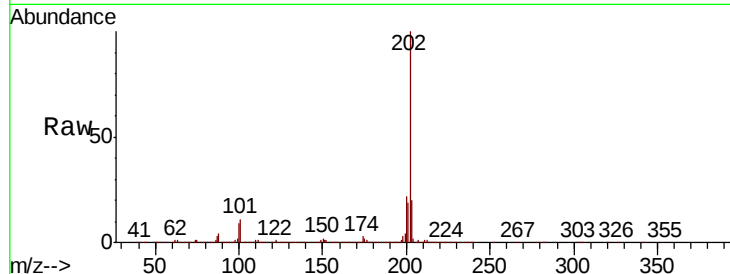
#20
Pvrene
Concen: 15.928 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046404.D
Acq: 21 Aug 2020 8:41

Instrument :
BNA_G
ClientSampled :
BFMG8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	597207		
101	10.9		8.9	13.3
100	8.7		7.9	11.9

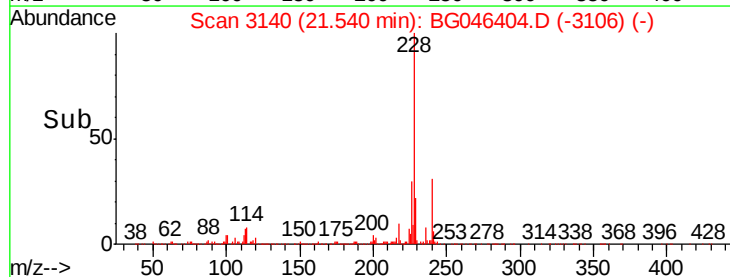
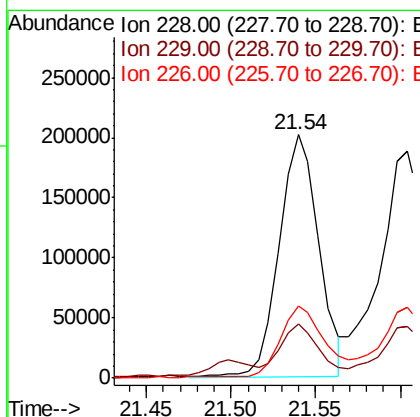
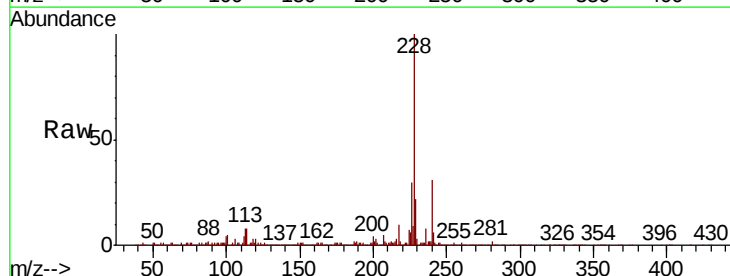
Manual Integrations
APPROVED

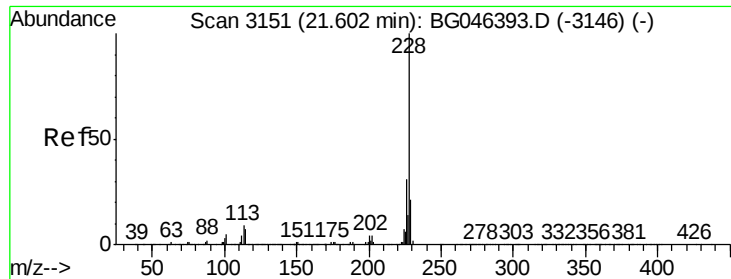
Sohil
8/24/2020 1:45:44 PM



#21
Benzo(a)anthracene
Concen: 8.869 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046404.D
Acq: 21 Aug 2020 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	329599		
229	22.2		16.6	25.0
226	29.9		22.6	33.8





#22

Chrysene

Concen: 9.870 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Instrument :

BNA_G

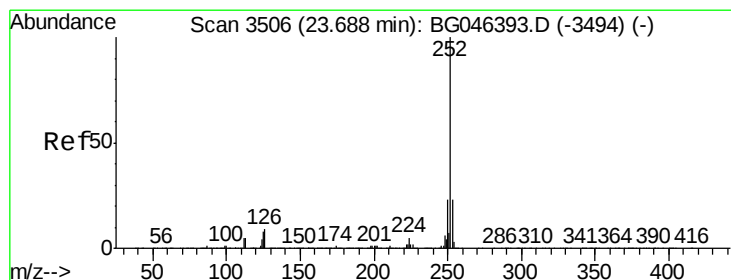
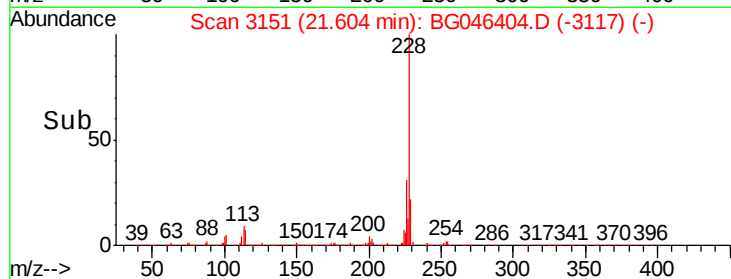
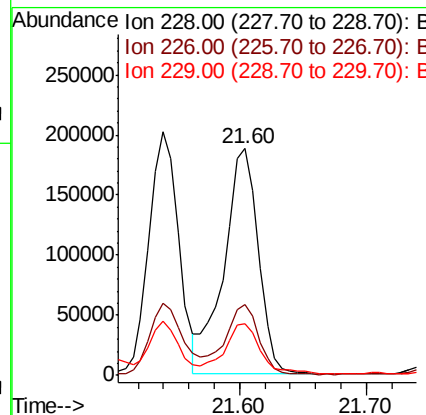
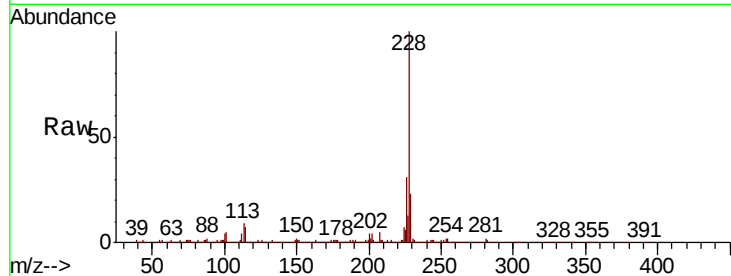
ClientSampled :

BFMG8

Tot Ion:	228	Resp:	354570
Ion Ratio		Lower	Upper
228	100		
226	31.3	25.5	38.3
229	22.8	17.0	25.4

Manual Integrations
APPROVED

Sohil
8/24/2020 1:45:44 PM



#24

Benzo(b)fluoranthene

Concen: 11.223 ng/ul

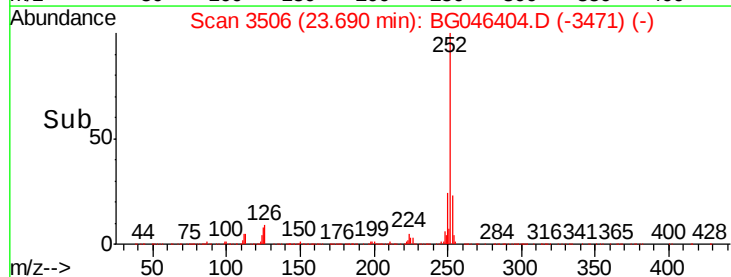
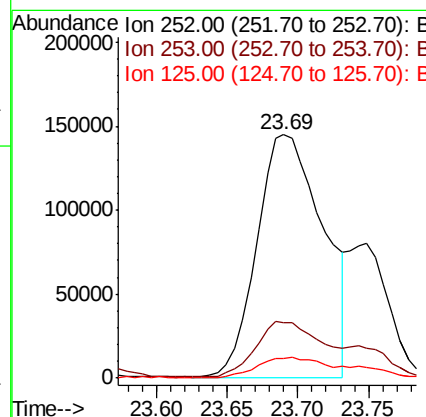
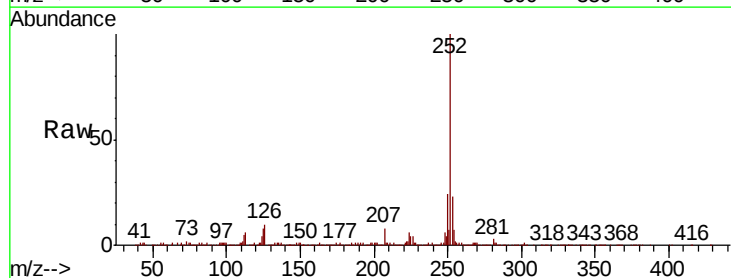
RT: 23.69 min Scan# 3506

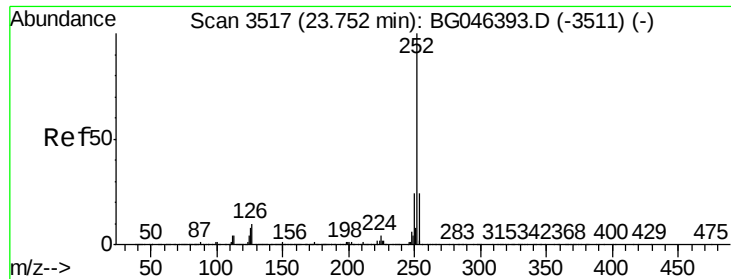
Delta R.T. 0.01 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Tgt Ion:	252	Resp:	471996
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.3	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 3.849 ng/ul

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Instrument :

BNA_G

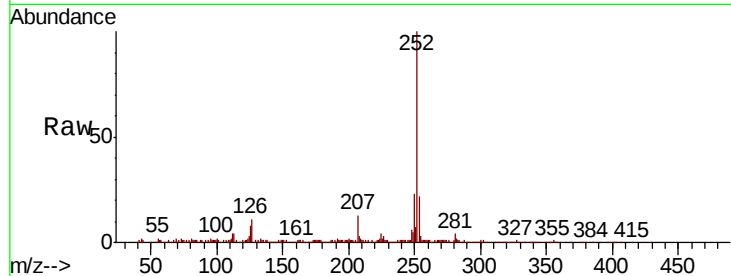
ClientSampled :

BFMG8

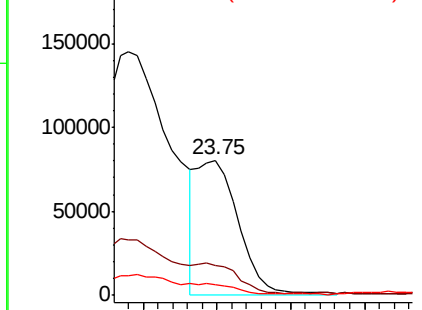
Tot Ion:	252	Resp:	160558
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	8.3	6.2	9.2

Manual Integrations
APPROVED

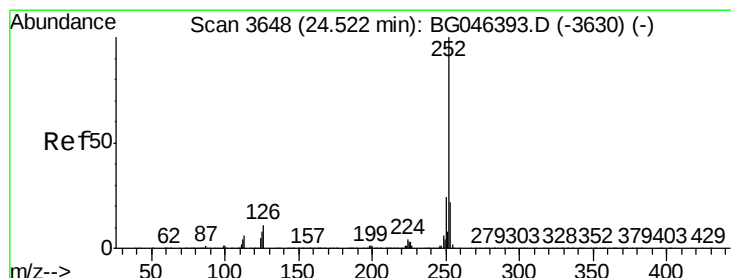
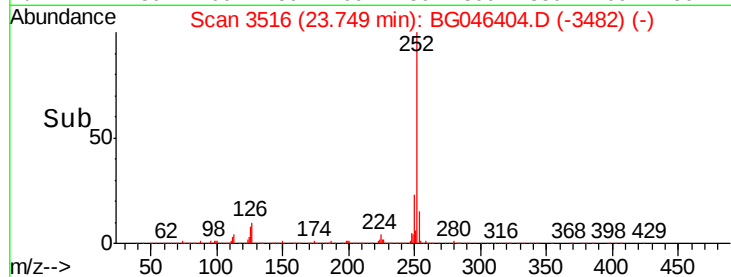
Sohil
8/24/2020 1:45:44 PM



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



Time-->



#27

Benzo(a)pyrene

Concen: 7.997 ng/ul

RT: 24.52 min Scan# 3648

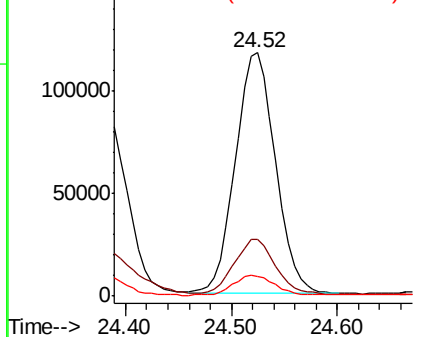
Delta R.T. 0.01 min

Lab File: BG046404.D

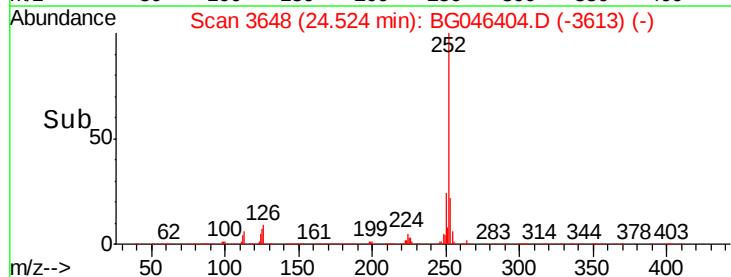
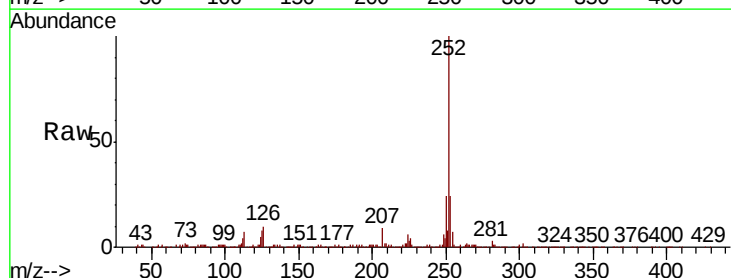
Acq: 21 Aug 2020 8:41

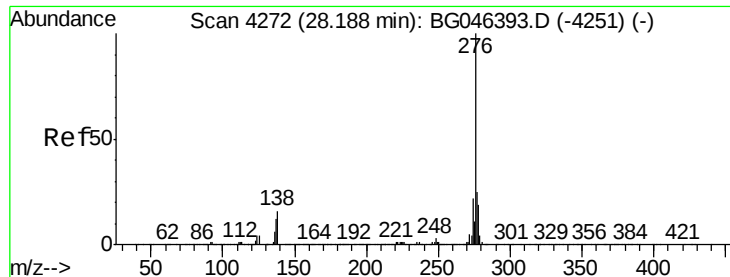
Tgt Ion:	252	Resp:	308747
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	7.9	7.1	10.7

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



Time-->





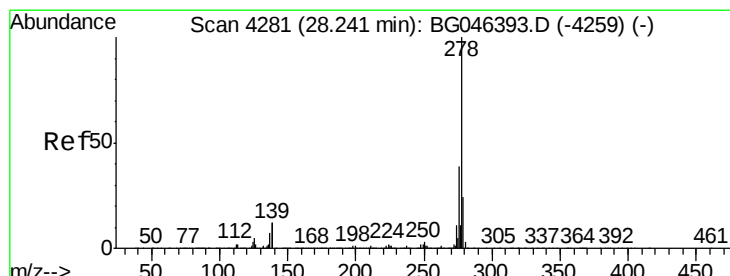
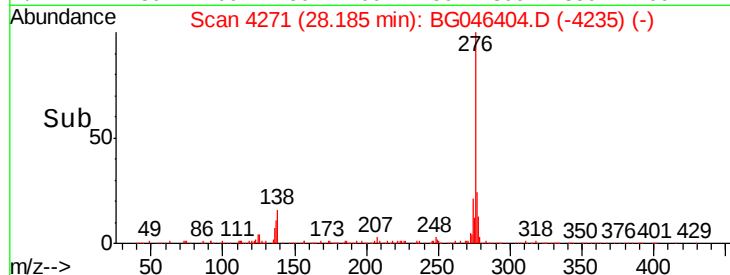
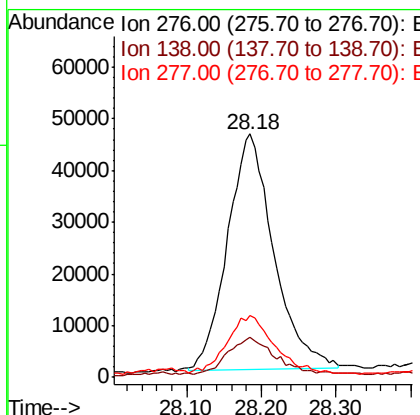
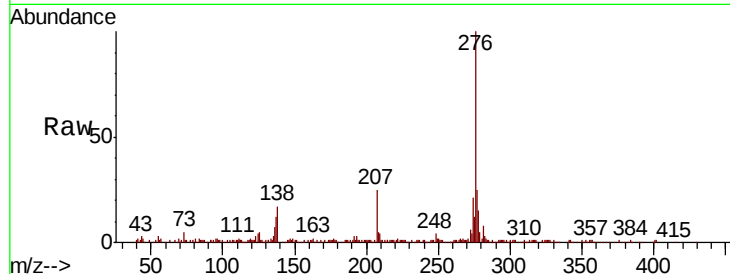
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.053 ng/ul
 RT: 28.18 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: BG046404.D
 Acq: 21 Aug 2020 8:41

Instrument :
 BNA_G
 ClientSampleId :
 BFMG8

Tot Ion:	276	Resp:	195956
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.2	19.8
277	25.5	19.9	29.9

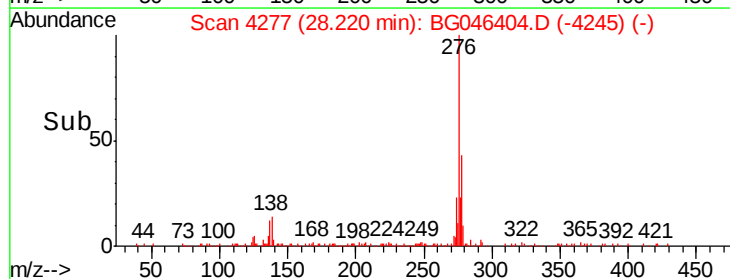
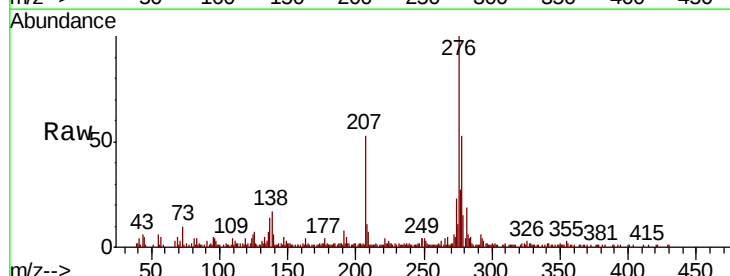
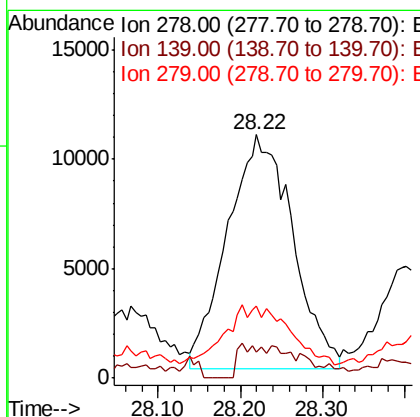
Manual Integrations
 APPROVED

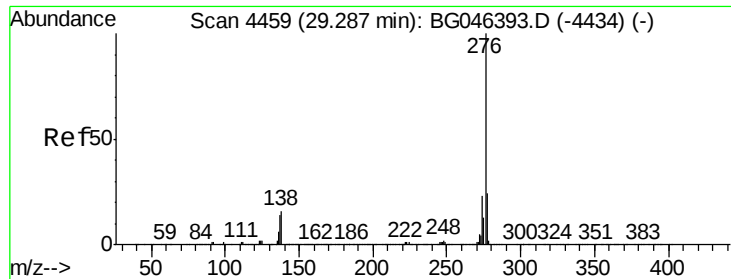
Sohil
 8/24/2020 1:45:44 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 1.504 ng/ul m
 RT: 28.22 min Scan# 4277
 Delta R.T. -0.01 min
 Lab File: BG046404.D
 Acq: 21 Aug 2020 8:41

Tgt Ion:	278	Resp:	58940
Ion Ratio	Lower	Upper	
278	100		
139	10.4	9.8	14.8
279	29.4	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 4.408 ng/ul

RT: 29.28 min Scan# 4457

Delta R.T. 0.01 min

Lab File: BG046404.D

Acq: 21 Aug 2020 8:41

Instrument :

BNA_G

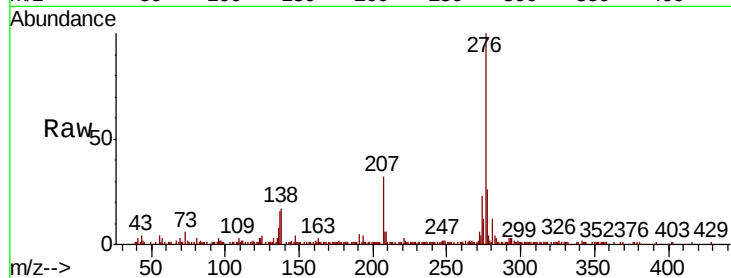
ClientSampleId :

BFMG8

Tot Ion:	276	Resp:	178343
Ion Ratio	Lower	Upper	
276	100		
138	17.2	12.9	19.3
277	25.6	19.4	29.0

Manual Integrations
APPROVED

Sohil
8/24/2020 1:45:44 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

