

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031244.D
 Acq On : 28 Nov 2017 00:36
 Operator : SJ/JU
 Sample : I6506-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0GA1

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:37 PM

Quant Time: Nov 28 07:40:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	68370	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	295929	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	190957	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	455334	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	518400	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	516741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	107382	19.23	ng/uL	0.00
7) Acenaphthylene-d8	14.44	160	447331	22.53	ng/ul	0.00
10) Fluorene-d10	15.74	176	329782	20.67	ng/ul	0.00
15) Anthracene-d10	17.59	188	500305	21.95	ng/ul	0.00
19) Pyrene-d10	19.87	212	593093	25.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	571103	22.34	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.54	178	101836	4.167	ng/ul	98
17) Fluoranthene	19.53	202	228196m	6.711	ng/ul	
20) Pyrene	19.90	202	188609	6.855	ng/ul#	88
21) Benzo(a)anthracene	21.74	228	123926	3.924	ng/ul	99
22) Chrysene	21.81	228	116959	3.893	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	142858m	4.576	ng/ul	
25) Benzo(k)fluoranthene	24.07	252	42180	1.371	ng/ul	96
27) Benzo(a)pyrene	24.91	252	93632m	3.129	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	65203m	1.912	ng/ul	
30) Benzo(g,h,i)perylene	30.03	276	54759m	1.928	ng/ul	

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

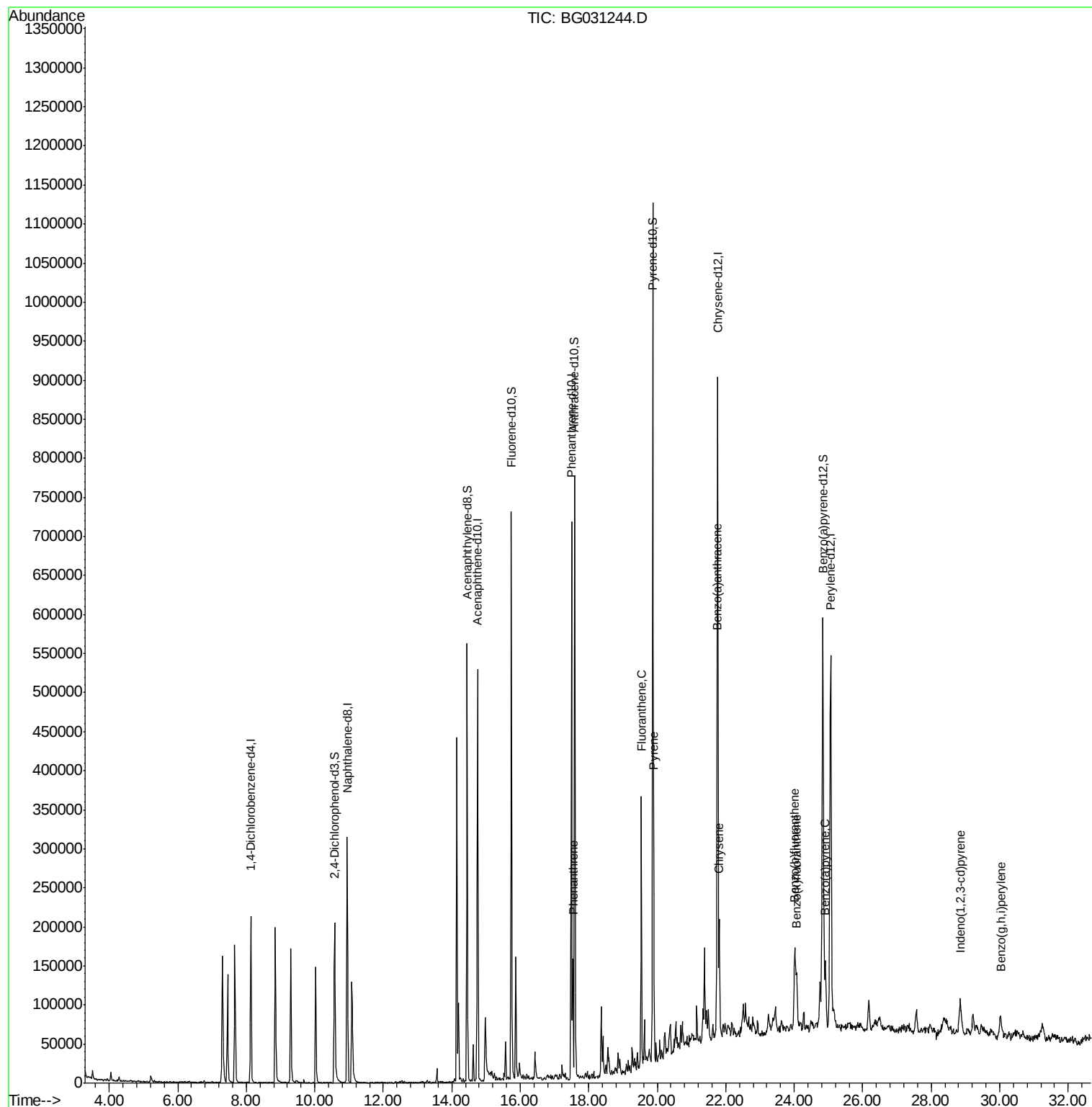
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031244.D
Acq On : 28 Nov 2017 00:36
Operator : SJ/JU
Sample : I6506-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

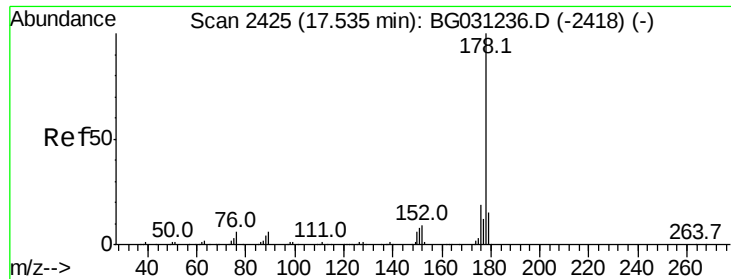
Instrument :
BNA_G
ClientSampleID :
B0GA1

Manual Integrations
APPROVED

Sohil
11/28/2017 3:08:37 PM

Quant Time: Nov 28 07:40:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration





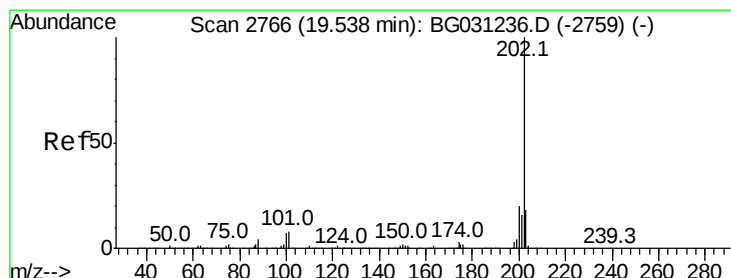
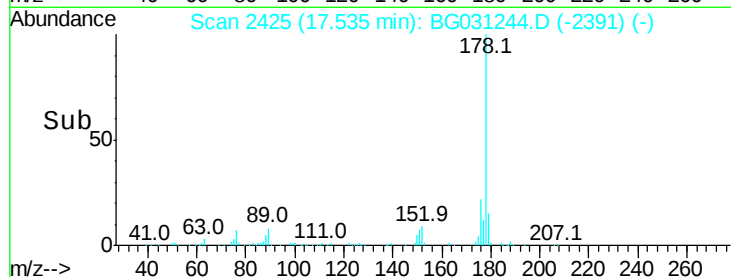
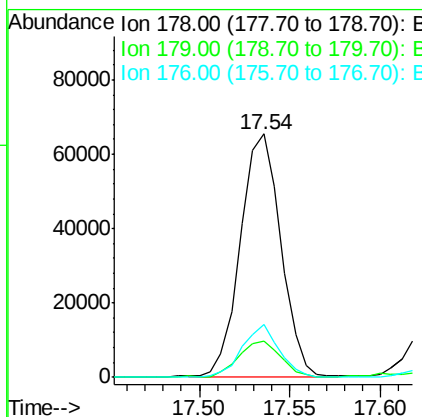
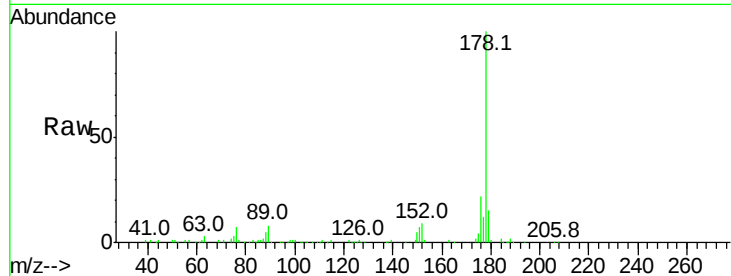
#14
Phenanthrene
Concen: 4.167 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Instrument :
BNA_G
ClientSampleId :
B0GA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	21.7	16.4	24.6

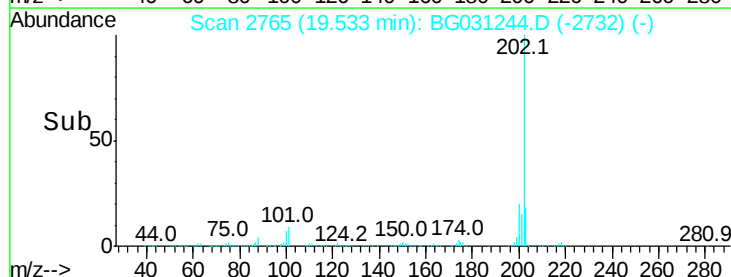
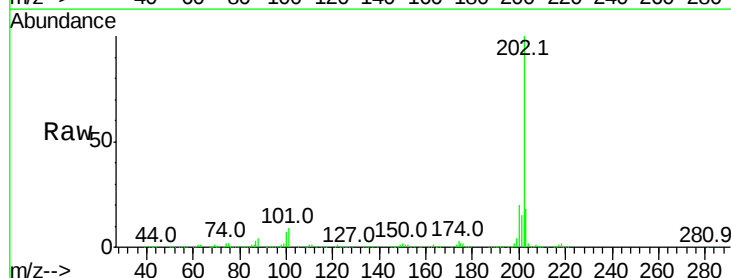
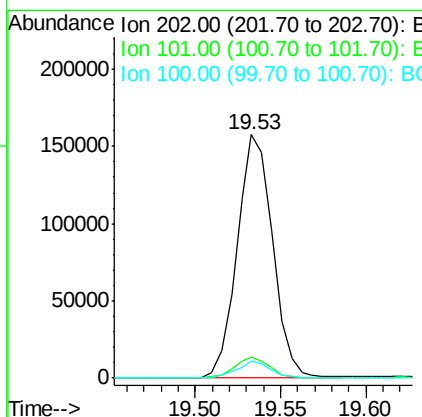
Manual Integrations
APPROVED

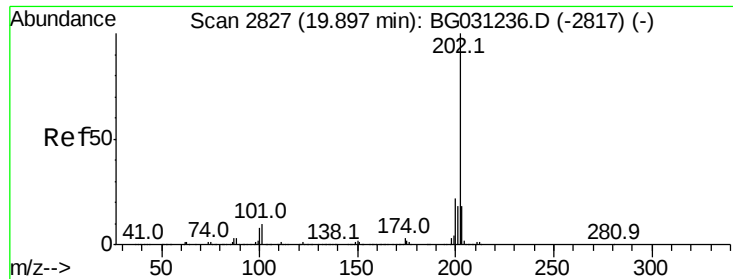
Sohil
11/28/2017 3:08:37 PM



#17
Fluoranthene
Concen: 6.711 ng/ul m
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.8	14.8#
100	6.9	7.5	11.3#





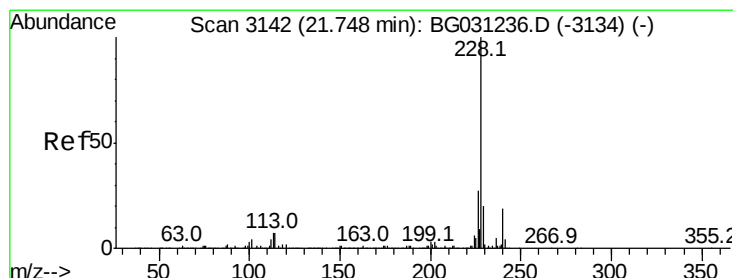
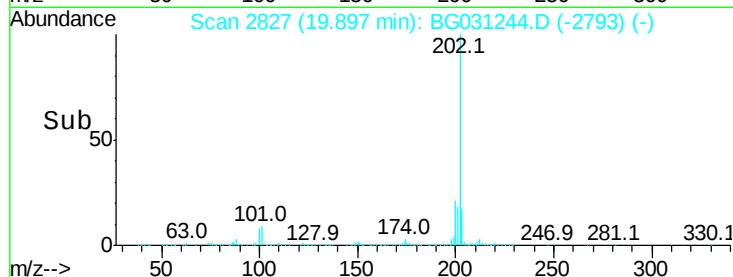
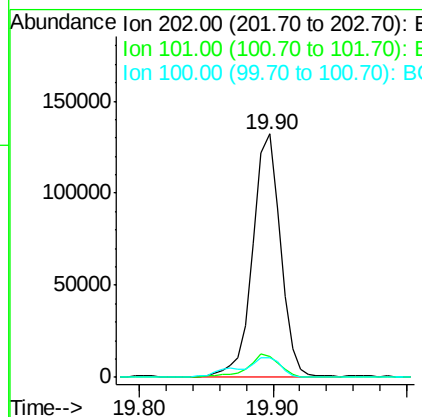
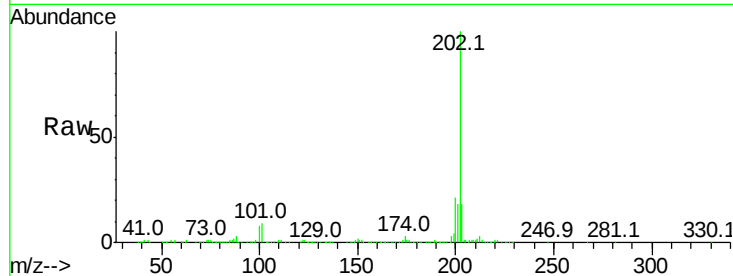
#20
Pvrene
Concen: 6.855 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Instrument :
BNA_G
ClientSampleId :
B0GA1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	11.2	16.8#
100	8.0	9.8	14.6#

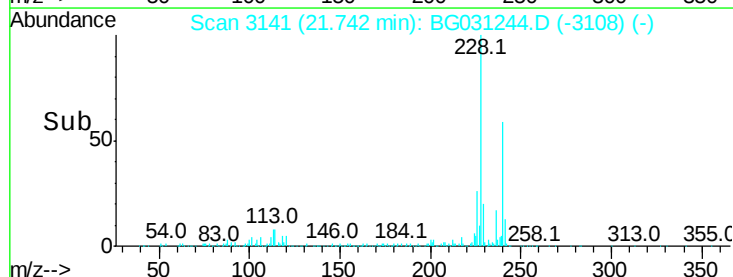
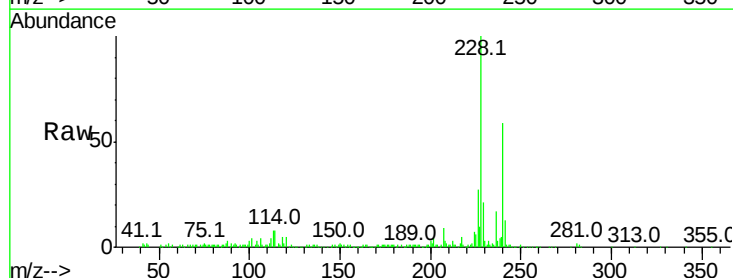
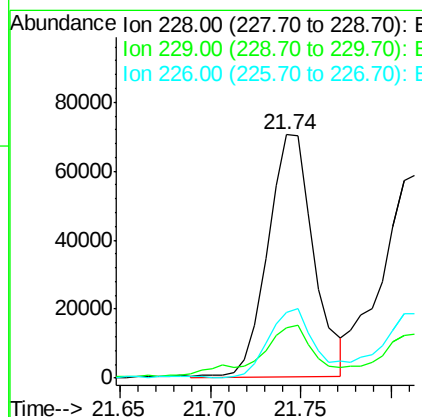
Manual Integrations
APPROVED

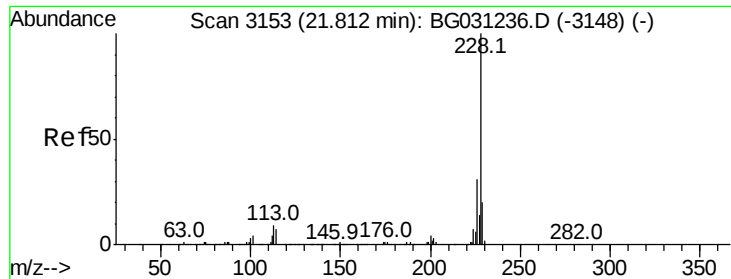
Sohil
11/28/2017 3:08:37 PM



#21
Benzo(a)anthracene
Concen: 3.924 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.9	23.9
226	26.9	22.1	33.1





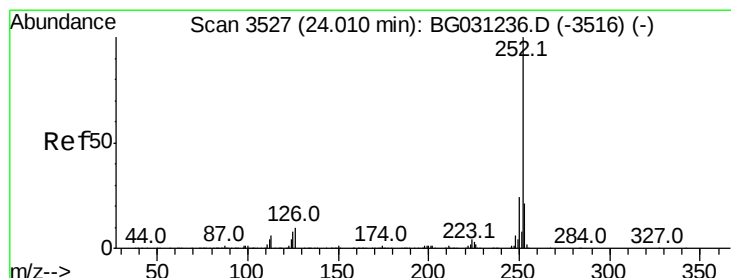
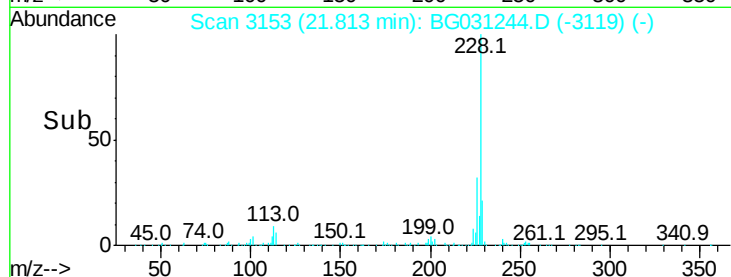
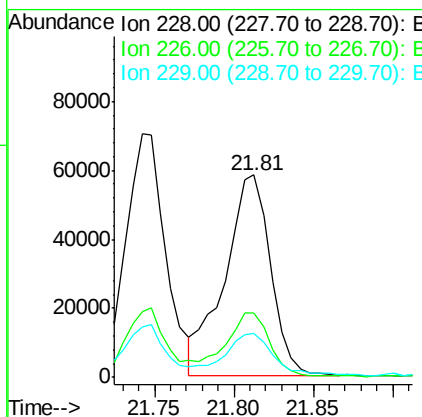
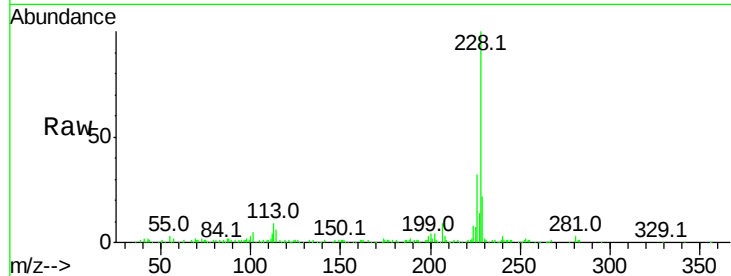
#22
Chrysene
Concen: 3.893 ng/ul
RT: 21.81 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Instrument :
BNA_G
ClientSampleId :
B0GA1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	21.5	16.6	25.0

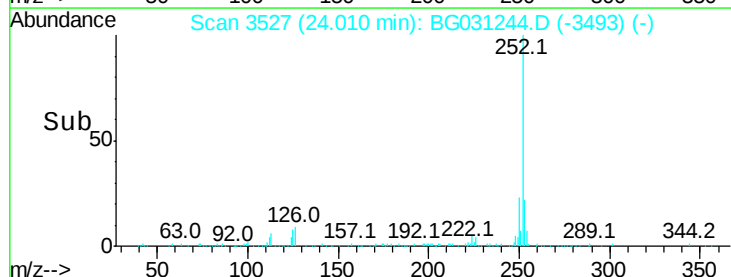
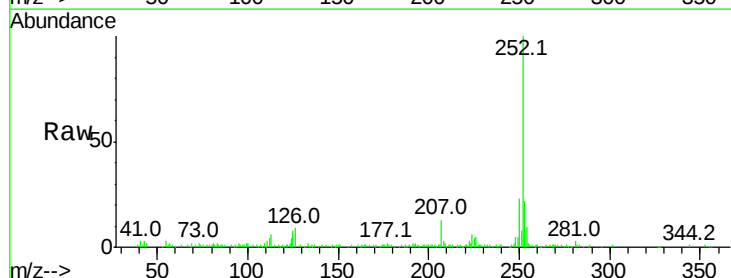
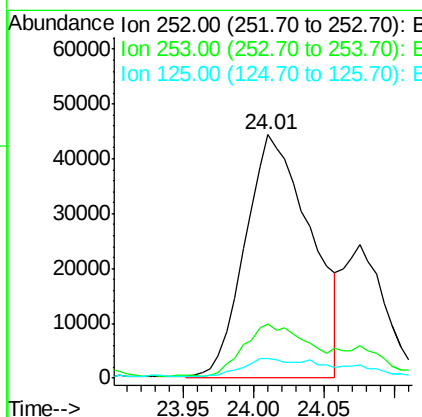
Manual Integrations
APPROVED

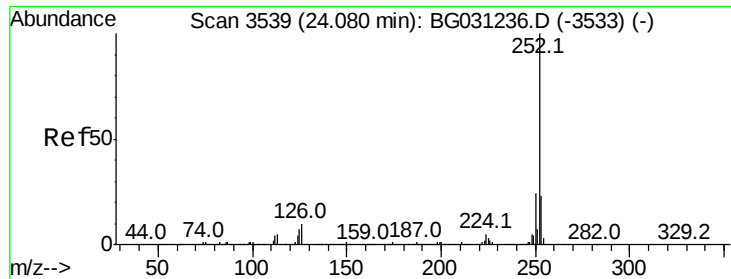
Sohil
11/28/2017 3:08:37 PM



#24
Benzo(b)fluoranthene
Concen: 4.576 ng/ul m
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.9	9.4	14.0#





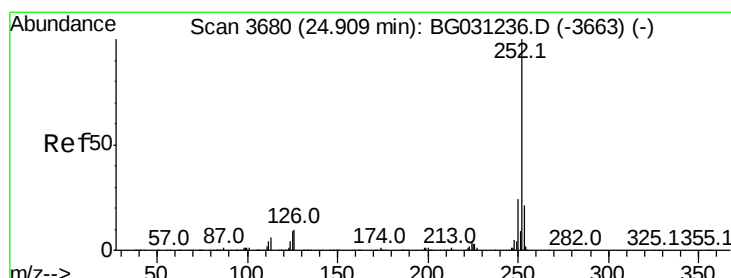
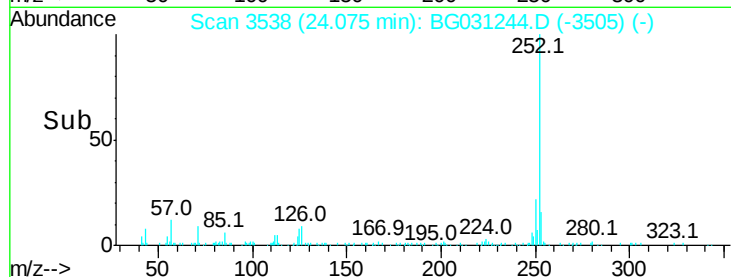
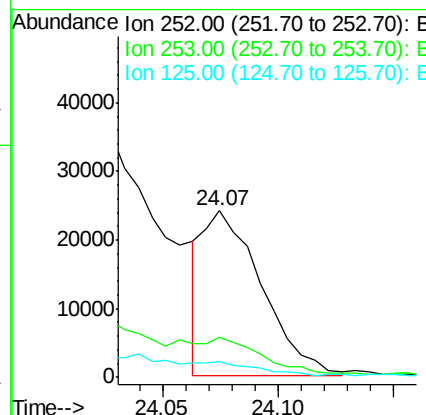
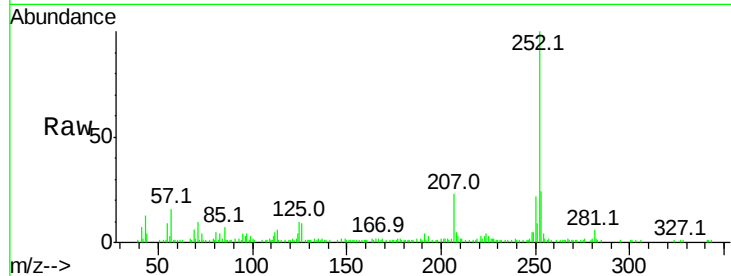
#25
Benzo(k)fluoranthene
Concen: 1.371 ng/ul
RT: 24.07 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Instrument :
BNA_G
ClientSampled :
B0GA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	9.8	8.8	13.2

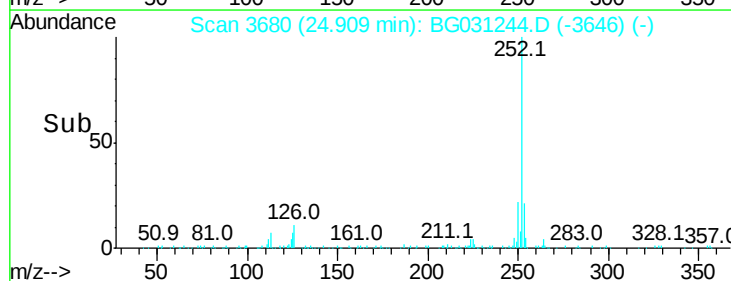
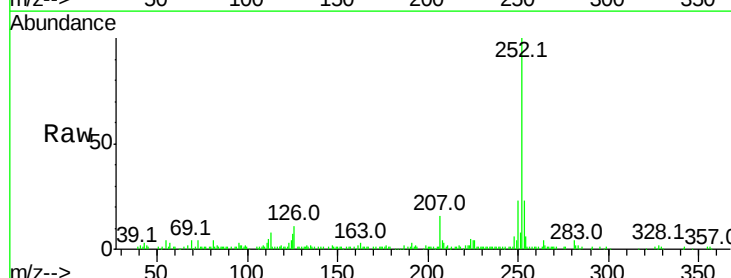
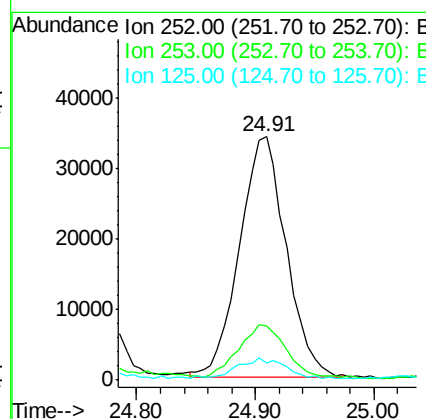
Manual Integrations
APPROVED

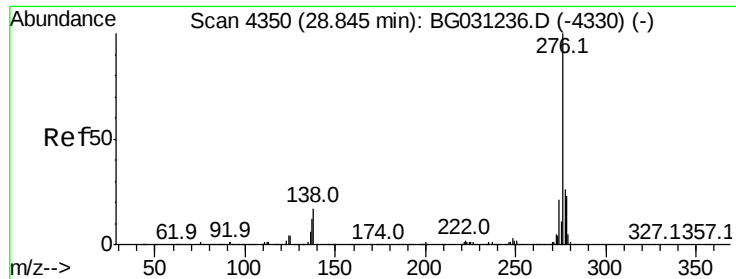
Sohil
11/28/2017 3:08:37 PM



#27
Benzo(a)pyrene
Concen: 3.129 ng/ul m
RT: 24.91 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BG031244.D
Acq: 28 Nov 2017 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	7.2	9.4	14.2#





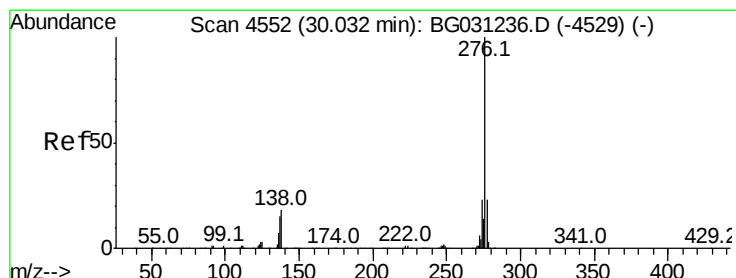
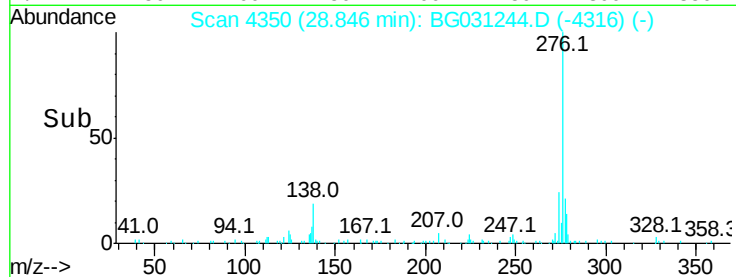
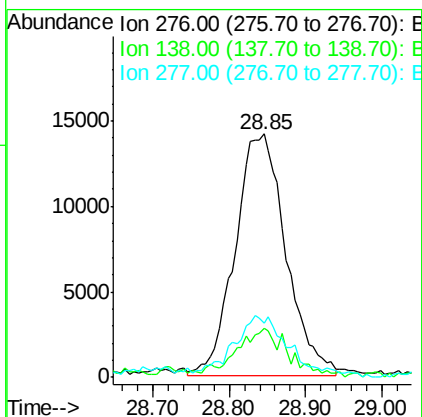
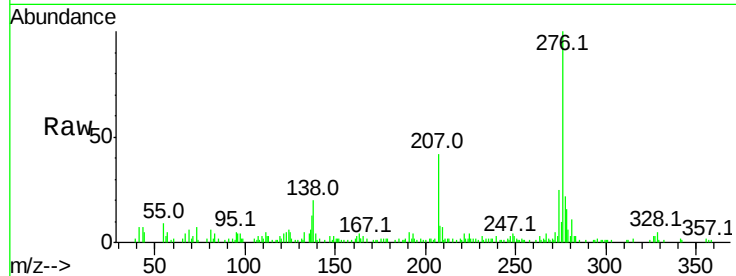
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.912 ng/ul m
 RT: 28.85 min Scan# 4350
 Delta R.T. 0.00 min
 Lab File: BG031244.D
 Acq: 28 Nov 2017 00:36

Instrument :
 BNA_G
 ClientSampled :
 B0GA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.6
277	22.4	19.4	29.0

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:37 PM



#30
 Benzo(g,h,i)perylene
 Concen: 1.928 ng/ul m
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.01 min
 Lab File: BG031244.D
 Acq: 28 Nov 2017 00:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	19.0	28.4#
277	25.7	19.7	29.5

