

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006619.D
 Acq On : 22 Jul 2016 11:07
 Operator : UM/SJ
 Sample : H4076-16 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YP9

Manual Integrations

sohil
 7/25/2016 6:39:55 PM

Quant Time: Jul 23 00:27:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	170381	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	721475	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	399185	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	880163	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	977281	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	993730	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	5309	1.26	ng/uL	0.00
3) Phenol-d5	6.80	99	193840	13.37	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	121320	13.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	149784	12.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	149782	13.32	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	72473	13.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	76085	13.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	143737	13.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	138193	11.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	418669	13.38	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	553705	13.86	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	62392	11.48	ng/ul	0.00
21) Fluorene-d10	15.26	176	388137	13.87	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	32874	7.20	ng/ul	0.00
26) Anthracene-d10	17.12	188	587522	14.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	655042	14.71	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	651350	14.25	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	109976	2.22	ng/ul	99
28) Fluoranthene	19.09	202	372044	6.40	ng/ul	98
31) Pyrene	19.44	202	335814	5.67	ng/ul	98
32) Benzo(a)anthracene	21.20	228	202765	3.42	ng/ul	96
33) Chrysene	21.25	228	209335	3.83	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	314991	5.29	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	95457m	1.66	ng/ul	
38) Benzo(a)pyrene	23.32	252	211081	3.64	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.62	276	167778	2.50	ng/ul	98
41) Benzo(g,h,i)perylene	26.30	276	188737	3.28	ng/ul	96

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

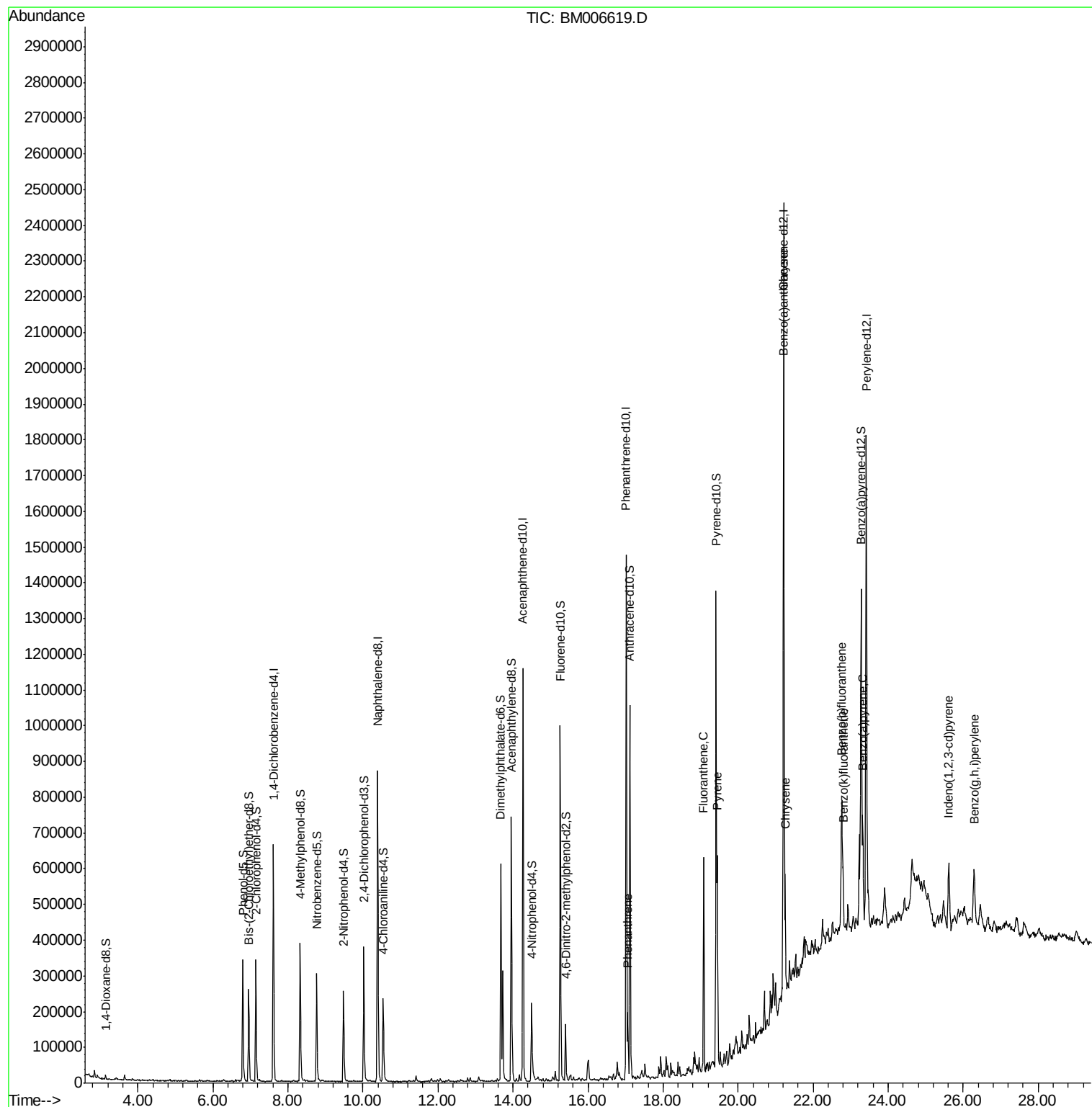
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006619.D
Acq On : 22 Jul 2016 11:07
Operator : UM/SJ
Sample : H4076-16 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

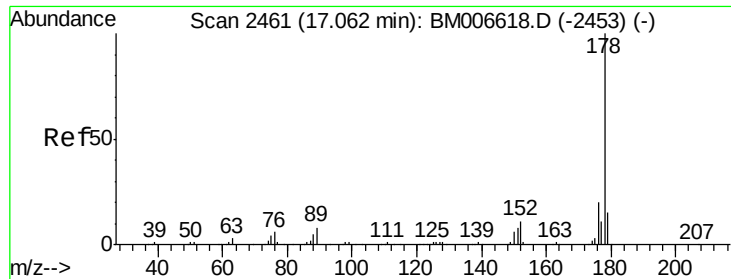
Instrument :
BNA_M
ClientSampleId :
D9YP9

Quant Time: Jul 23 00:27:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Manual Integrations

sohil
7/25/2016 6:39:55 PM





#25

Phenanthrene

Concen: 2.22 ng/ul

RT: 17.06 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BM006619.D

Acq: 22 Jul 2016 11:07

Instrument :

BNA_M

ClientSampled :

D9YP9

Tgt Ion:178 Resp: 109976

Ion Ratio Lower Upper

178 100

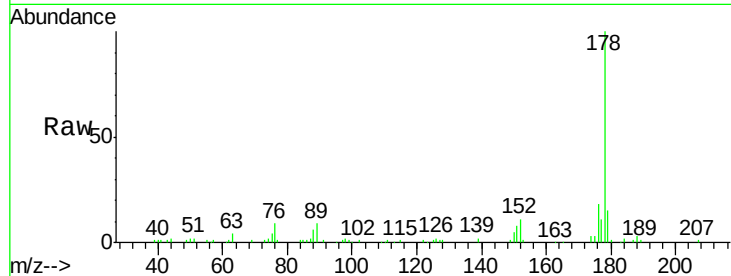
179 15.1 11.8 17.8

176 18.0 14.8 22.2

Manual Integrations

sohil

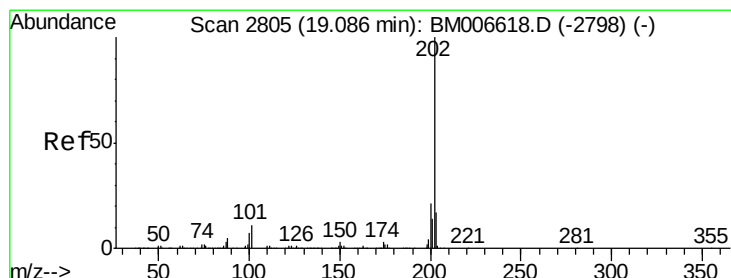
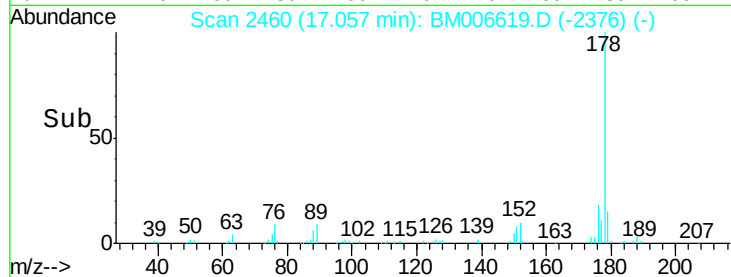
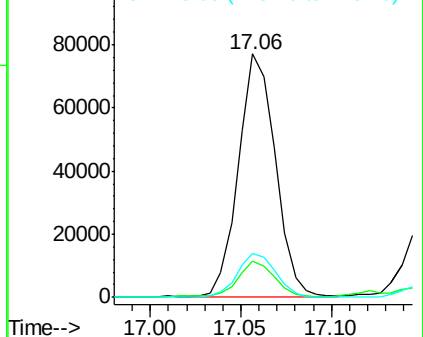
7/25/2016 6:39:55 PM



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



#28

Fluoranthene

Concen: 6.40 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006619.D

Acq: 22 Jul 2016 11:07

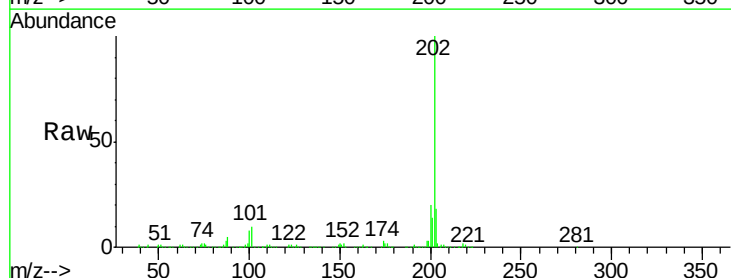
Tgt Ion:202 Resp: 372044

Ion Ratio Lower Upper

202 100

101 10.3 8.9 13.3

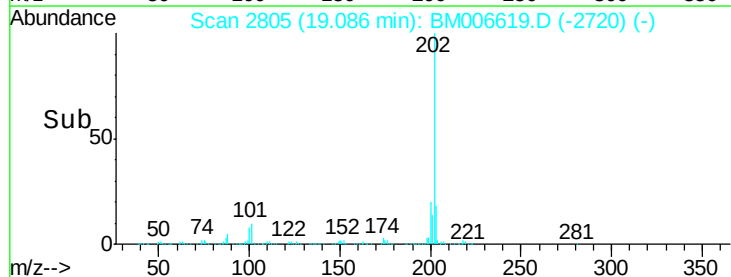
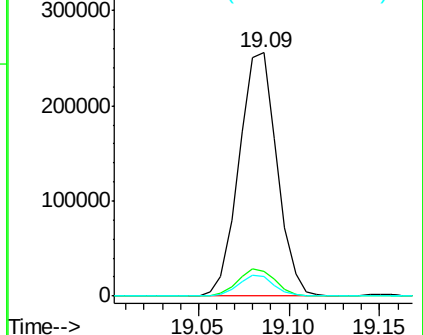
100 8.0 7.0 10.4

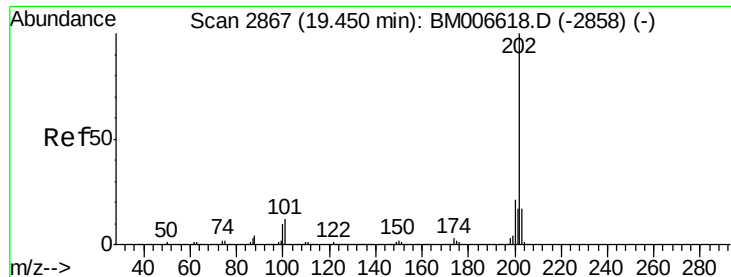


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





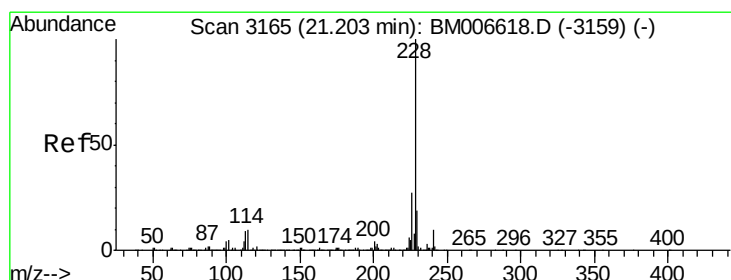
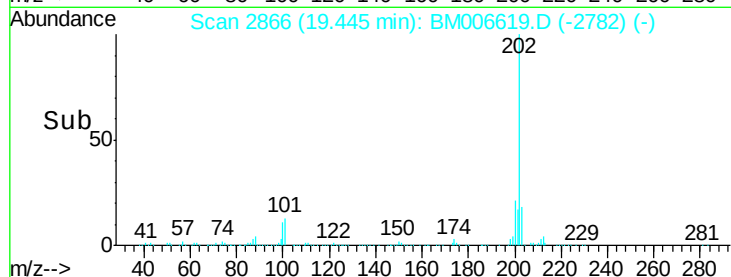
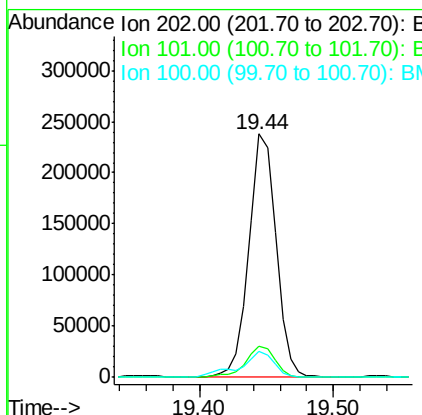
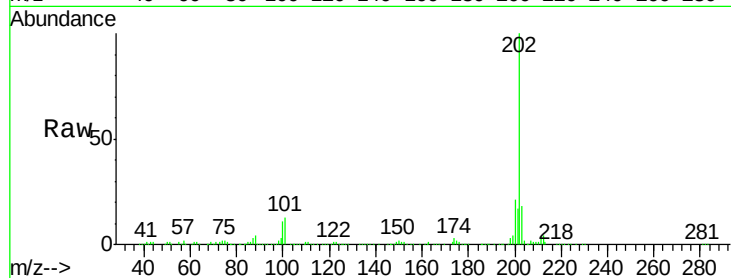
#31
 Pyrene
 Concen: 5.67 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BM006619.D
 Acq: 22 Jul 2016 11:07

Instrument :
 BNA_M
 ClientSampleId :
 D9YP9

Tgt	Ion	202	Resp:	335814
Ion	Ratio	Lower	Upper	
202	100			
101	12.9	9.8	14.8	
100	10.7	9.3	13.9	

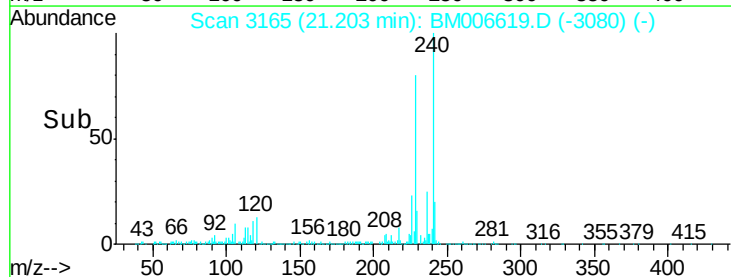
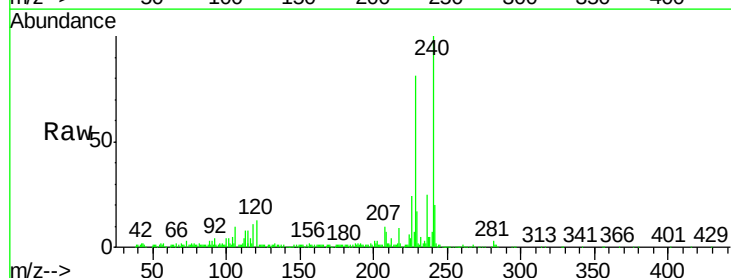
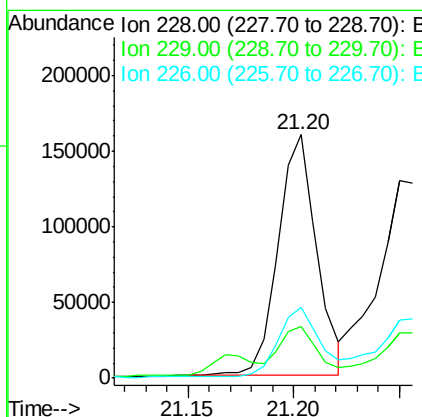
Manual Integrations

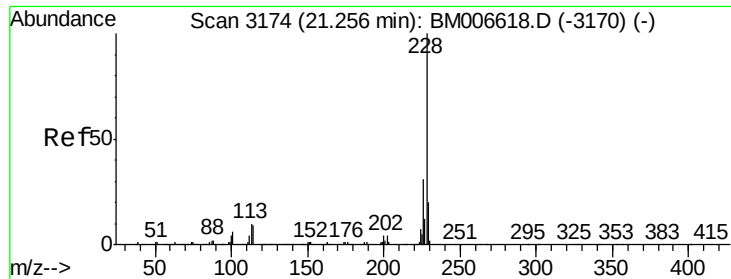
sohil
 7/25/2016 6:39:55 PM



#32
 Benzo(a)anthracene
 Concen: 3.42 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BM006619.D
 Acq: 22 Jul 2016 11:07

Tgt	Ion	228	Resp:	202765
Ion	Ratio	Lower	Upper	
228	100			
229	21.2	16.6	25.0	
226	29.1	21.0	31.4	





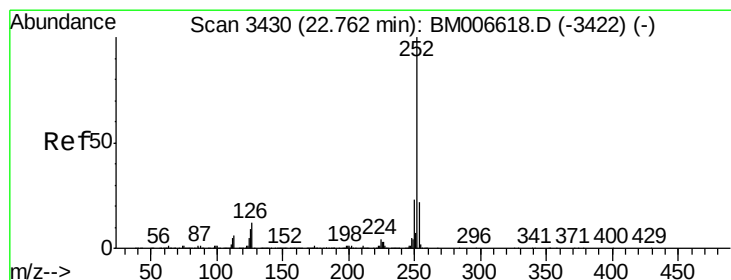
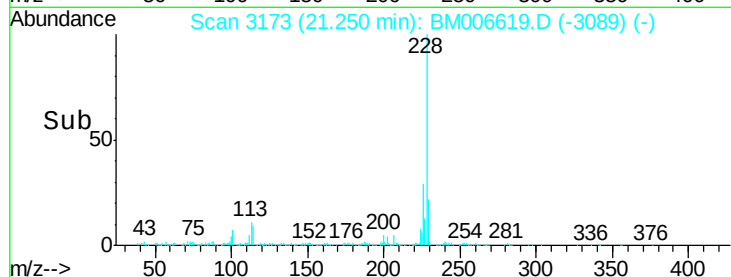
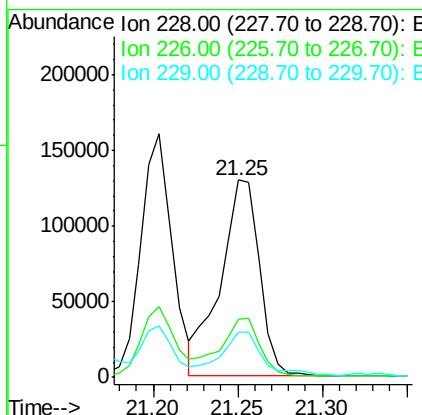
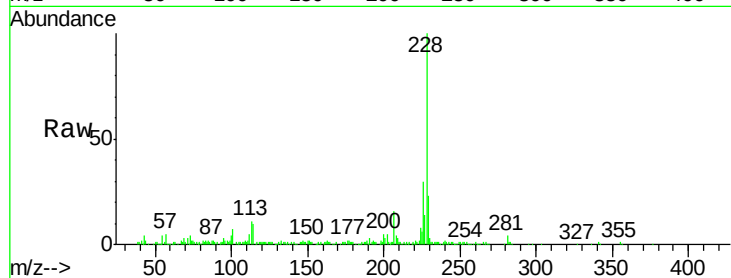
#33
Chrysene
Concen: 3.83 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	209335		
226	29.6		23.4	35.2
229	22.9		16.2	24.2

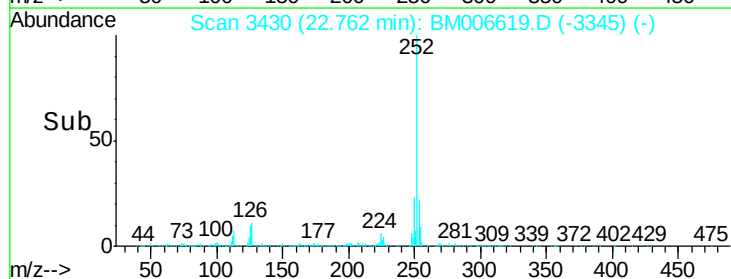
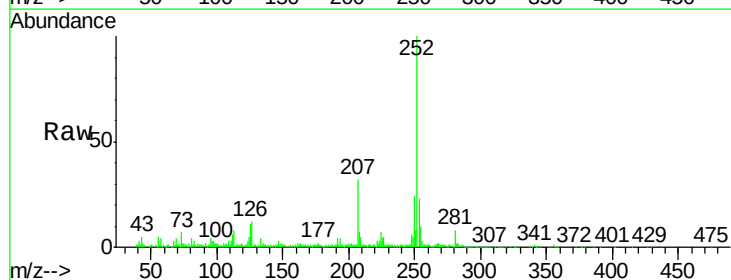
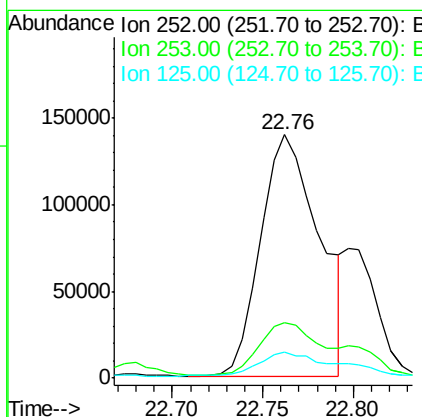
Manual Integrations

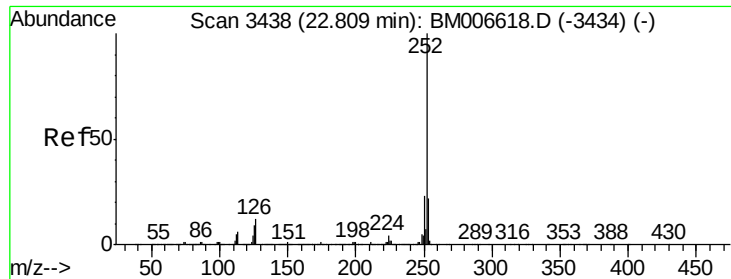
sohil
7/25/2016 6:39:55 PM



#35
Benzo(b)fluoranthene
Concen: 5.29 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	314991		
253	22.7		18.1	27.1
125	10.8		7.6	11.4





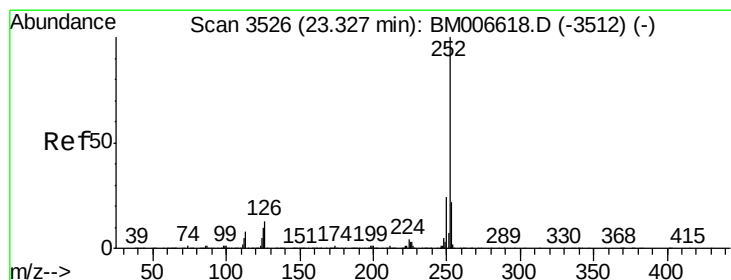
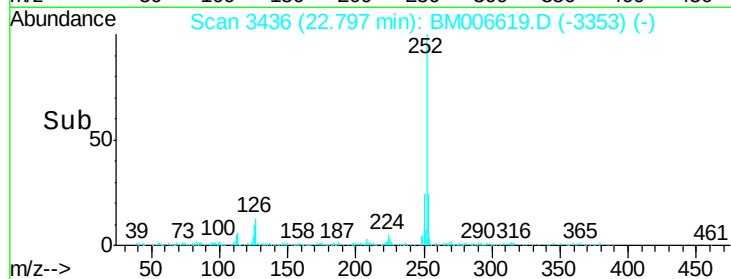
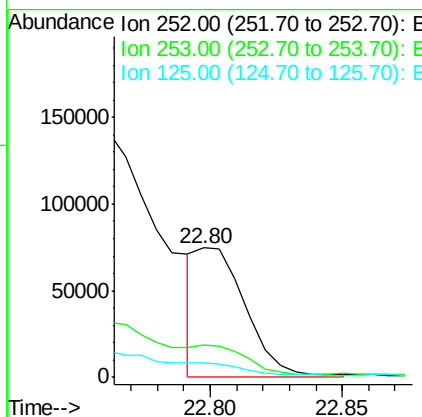
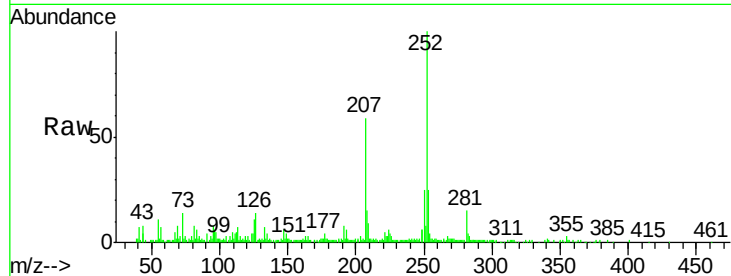
#36
Benzo(k)fluoranthene
Concen: 1.66 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	11.4	7.7	11.5

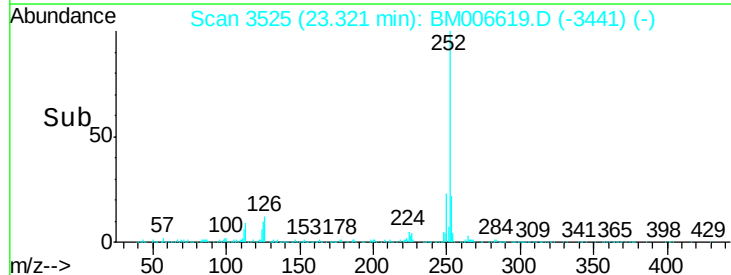
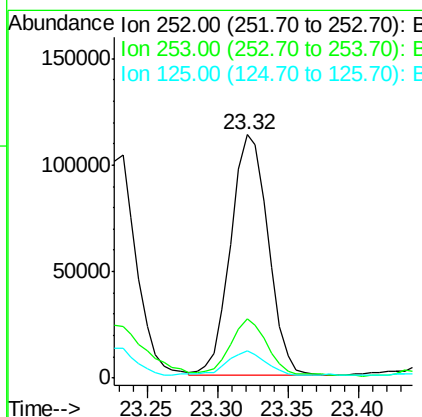
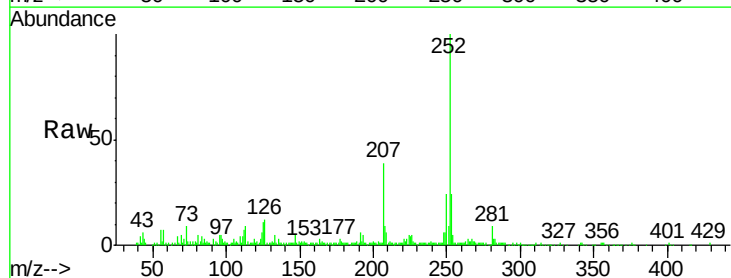
Manual Integrations

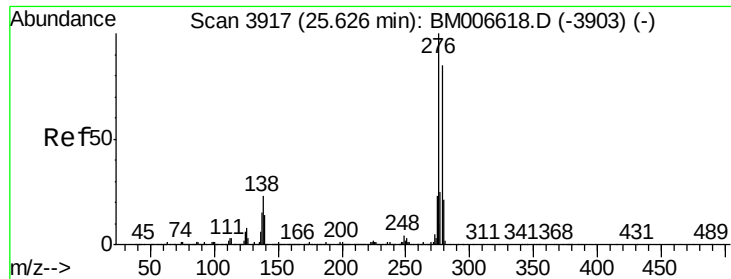
sohil
7/25/2016 6:39:55 PM



#38
Benzo(a)pyrene
Concen: 3.64 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	11.1	8.2	12.2





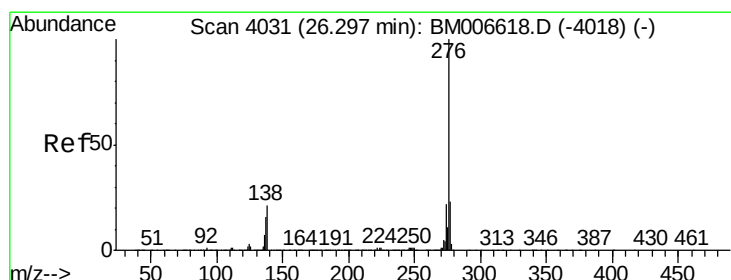
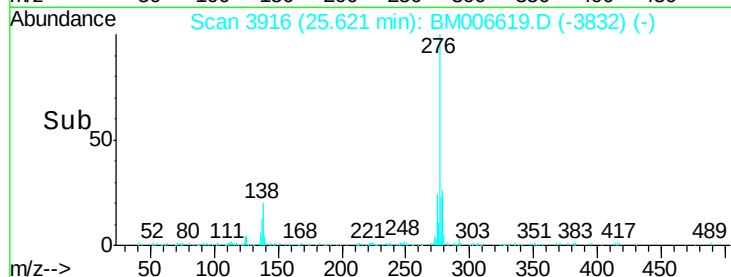
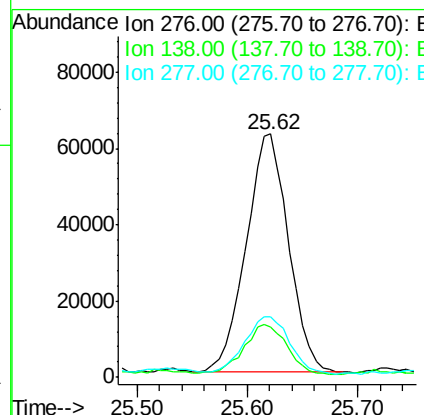
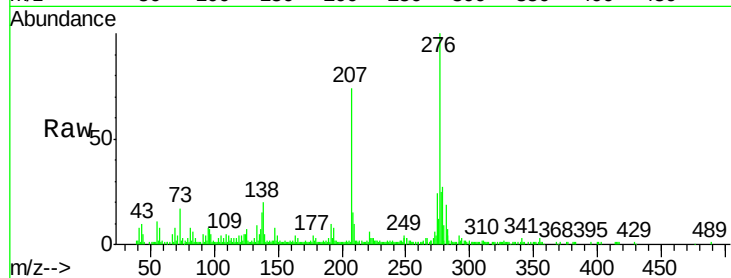
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.8	23.6
277	25.0	19.0	28.6

Manual Integrations

sohil
7/25/2016 6:39:55 PM



#41
Benzo(g,h,i)perylene
Concen: 3.28 ng/ul
RT: 26.30 min Scan# 4031
Delta R.T. 0.00 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	13.9	20.9
277	25.6	19.8	29.6

