

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002373.D
 Acq On : 12 Aug 2015 22:35
 Operator : UM/IZ
 Sample : G3163-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D03

Manual Integrations
 APPROVED

MMDadoda
 8/13/2015 10:58:15 AM

Quant Time: Aug 13 01:16:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	221388	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1014301	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	526659	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	924591	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	652311	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	643664	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	787180	14.43	ng/ul	0.00
10) Fluorene-d10	16.46	176	485889	12.81	ng/ul	0.00
14) Anthracene-d10	18.29	188	601358	13.40	ng/ul	0.00
18) Pyrene-d10	20.52	212	450260	14.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	346381	10.14	ng/ul	0.00
Target Compounds						
16) Fluoranthene	20.19	202	93190	1.58	ng/ul	Qvalue 98
19) Pyrene	20.54	202	96782	2.29	ng/ul	96
20) Benzo(a)anthracene	22.27	228	71860	1.80	ng/ul	95
21) Chrysene	22.33	228	80332m	2.13	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	154569	3.86	ng/ul#	94
24) Benzo(k)fluoranthene	24.19	252	44544m	1.16	ng/ul	
26) Benzo(a)pyrene	24.87	252	78442	2.05	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	27.83	276	56710	1.29	ng/ul	99
29) Benzo(g,h,i)perylene	28.73	276	50517	1.36	ng/ul	93

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

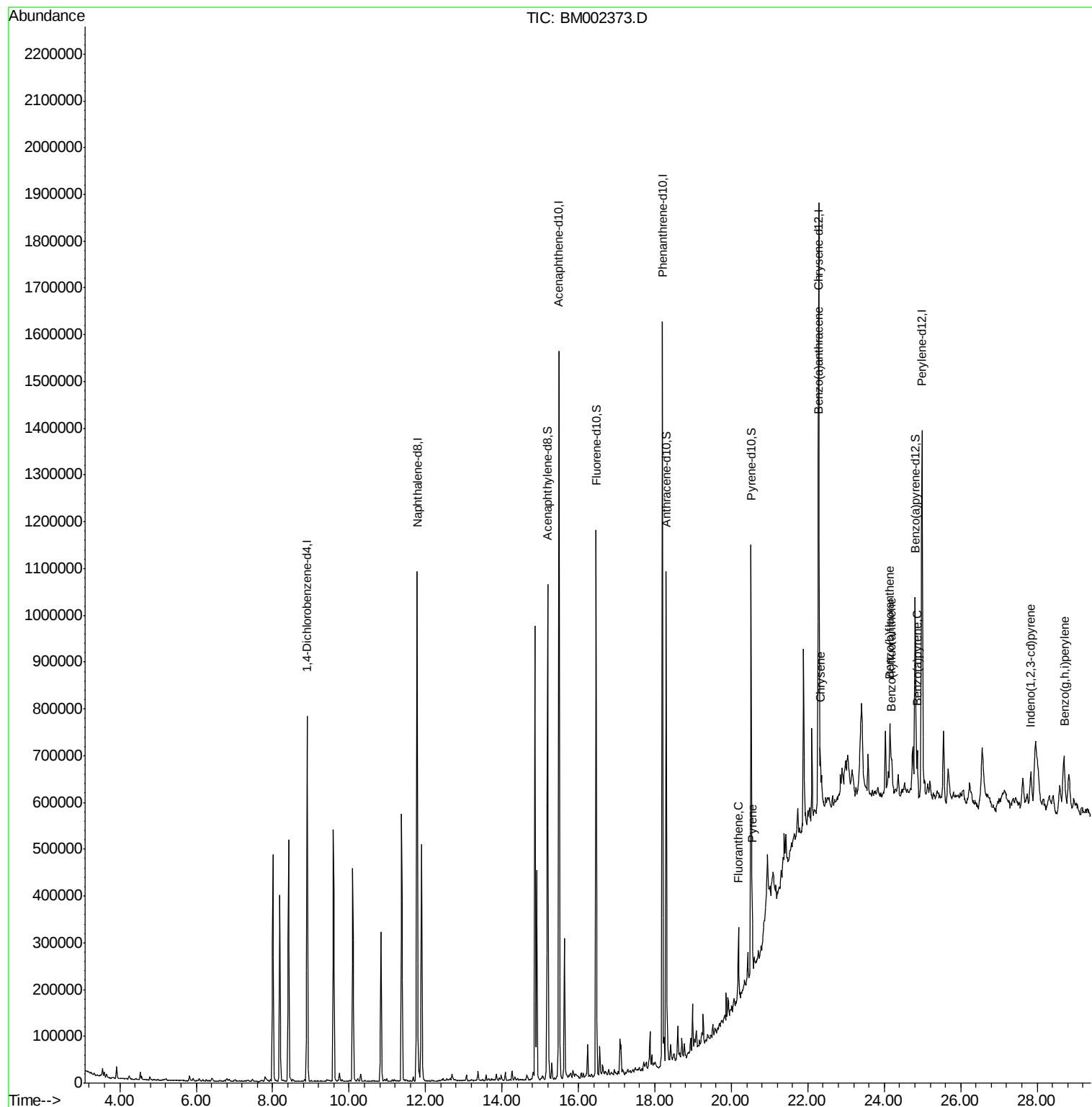
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002373.D
Acq On : 12 Aug 2015 22:35
Operator : UM/IZ
Sample : G3163-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

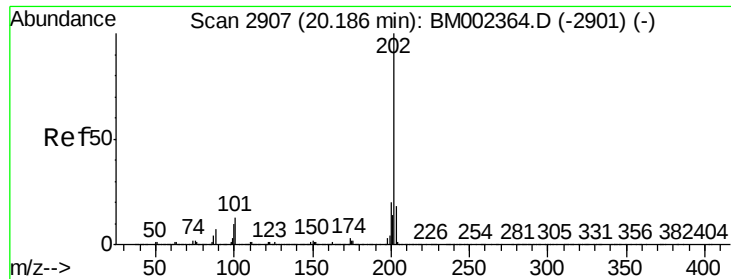
Instrument :
BNA_M
ClientSampleId :
D9D03

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:58:15 AM

Quant Time: Aug 13 01:16:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration





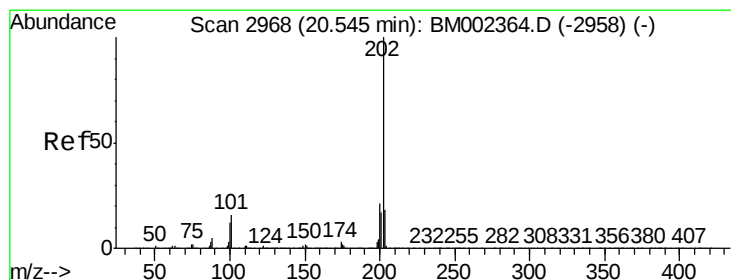
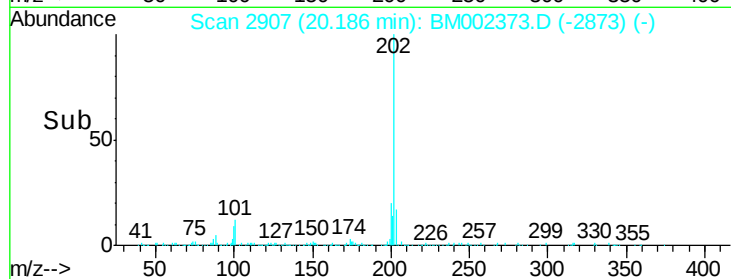
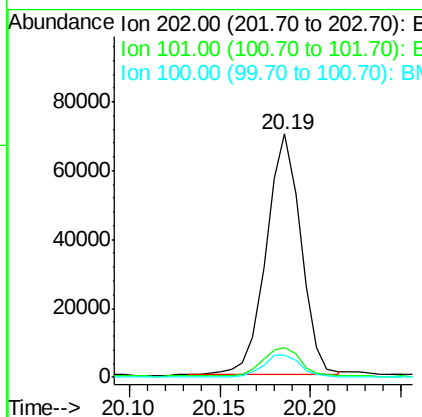
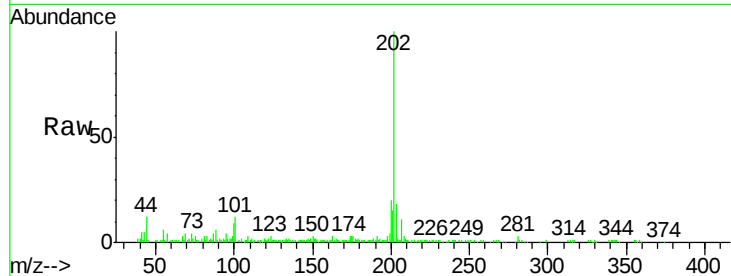
#16
 Fluoranthene
 Concen: 1.58 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: BM002373.D
 Acq: 12 Aug 2015 22:35

Instrument :
 BNA_M
 ClientSampleId :
 D9D03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	93190		
101	12.4	10.6	15.8	
100	9.2	8.2	12.4	

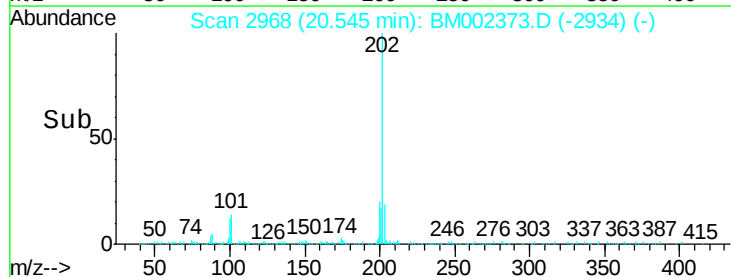
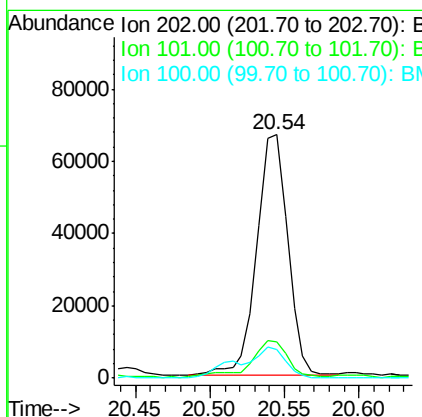
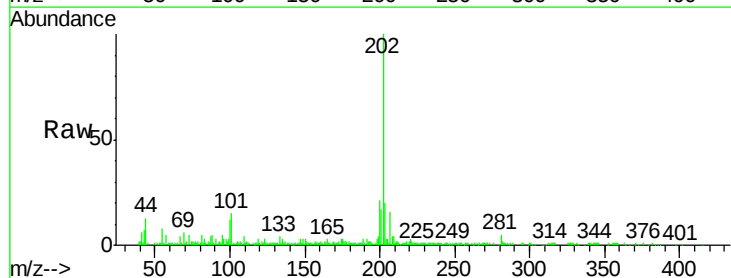
Manual Integrations
 APPROVED

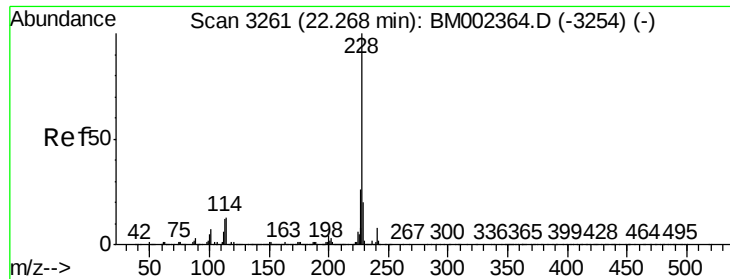
MMDadoda
 8/13/2015 10:58:15 AM



#19
 Pyrene
 Concen: 2.29 ng/ul
 RT: 20.54 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BM002373.D
 Acq: 12 Aug 2015 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	96782		
101	14.8	13.0	19.6	
100	11.8	11.0	16.4	





#20

Benzo(a)anthracene

Concen: 1.80 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

Instrument :

BNA_M

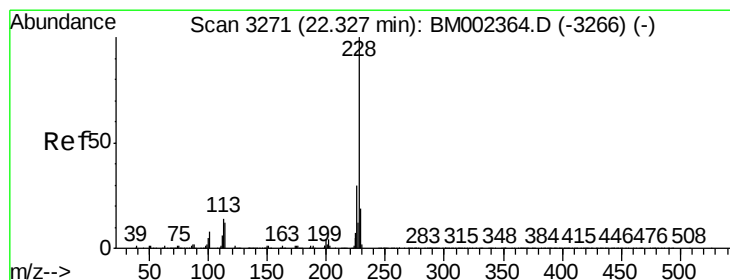
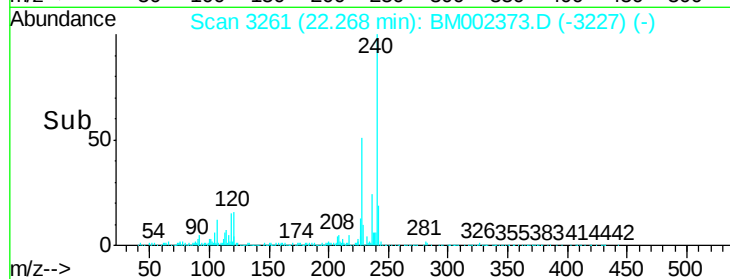
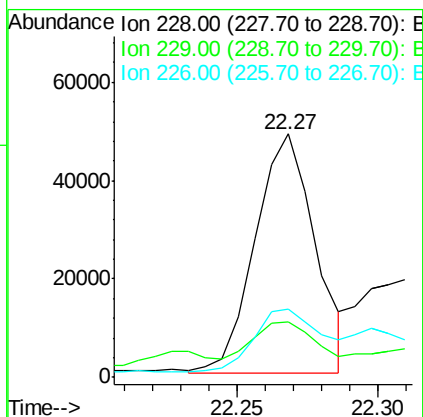
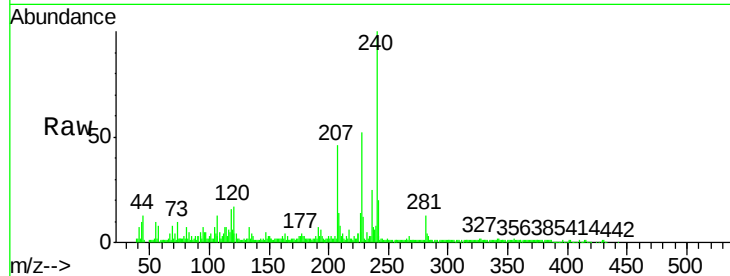
ClientSampleId :

D9D03

Tgt Ion:	228	Resp:	71860
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.7	23.5
226	27.9	21.4	32.0

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:58:15 AM



#21

Chrysene

Concen: 2.13 ng/ul m

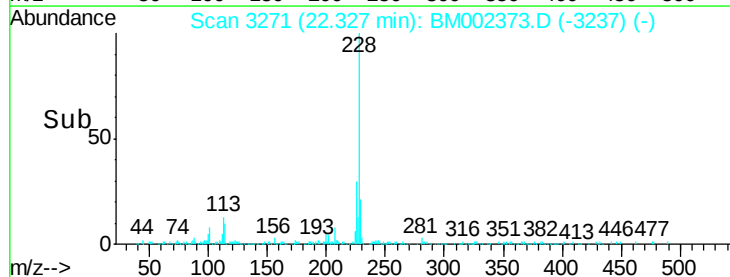
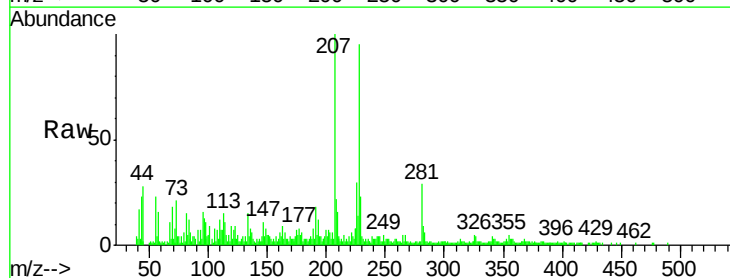
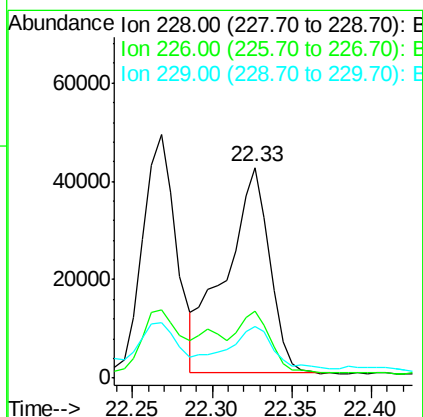
RT: 22.33 min Scan# 3271

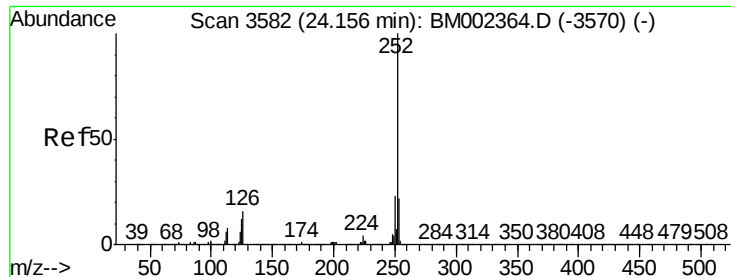
Delta R.T. 0.00 min

Lab File: BM002373.D

Acq: 12 Aug 2015 22:35

Tgt Ion:	228	Resp:	80332
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	24.6	15.5	23.3#





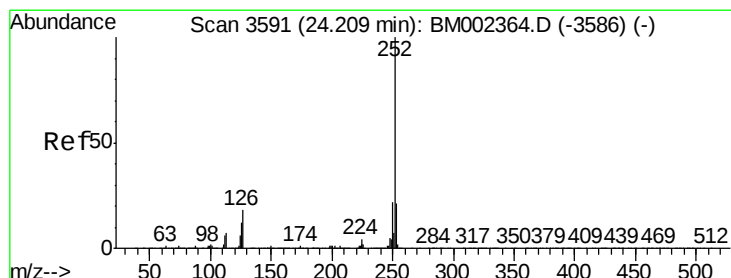
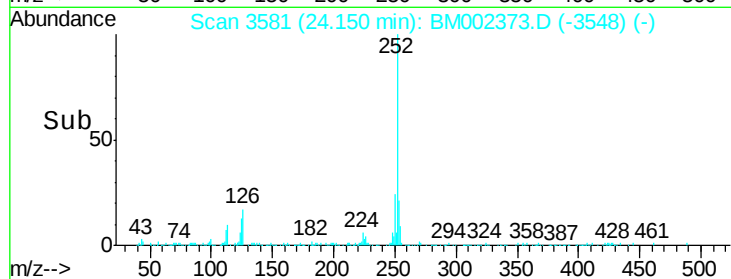
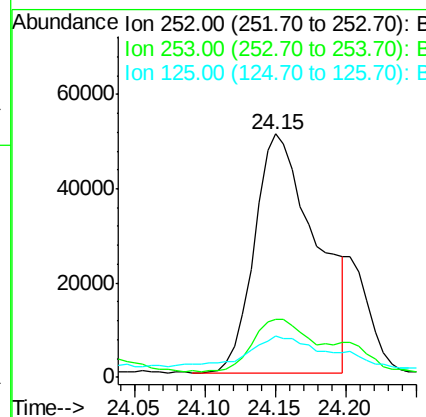
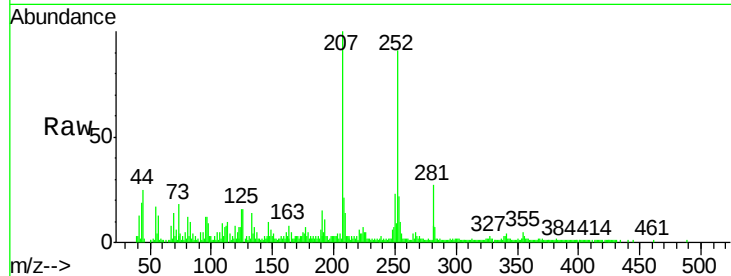
#23
Benzo(b)fluoranthene
Concen: 3.86 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

Instrument :
BNA_M
ClientSampleId :
D9D03

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.9	26.9
125	17.2	10.3	15.5

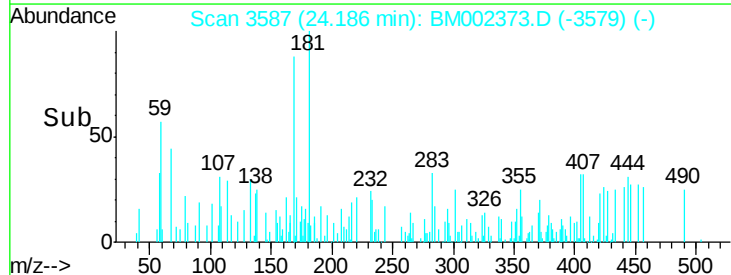
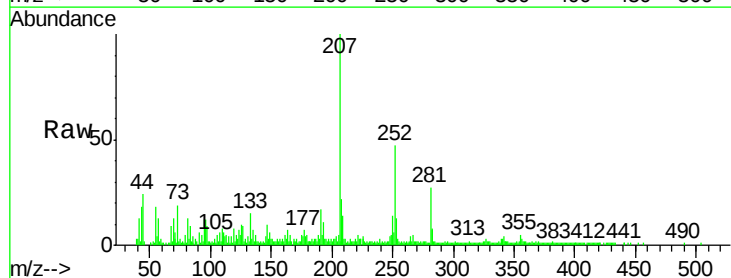
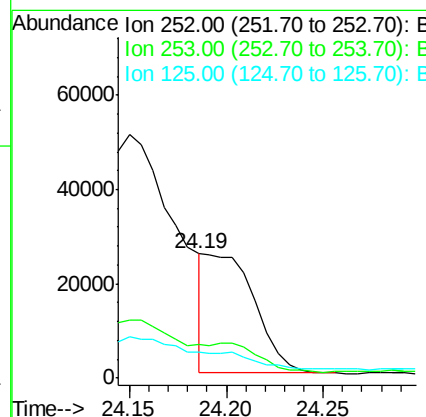
Manual Integrations
APPROVED

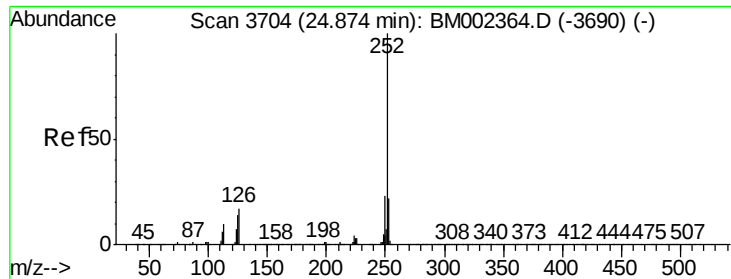
MMDadoda
8/13/2015 10:58:15 AM



#24
Benzo(k)fluoranthene
Concen: 1.16 ng/ul m
RT: 24.19 min Scan# 3587
Delta R.T. -0.02 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.3	17.3	25.9
125	21.1	10.2	15.4





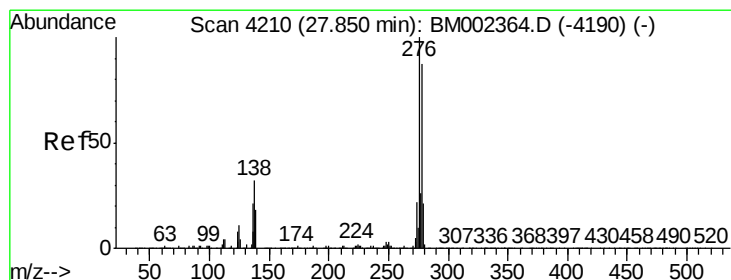
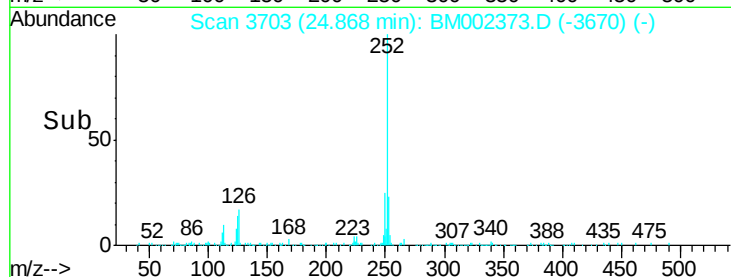
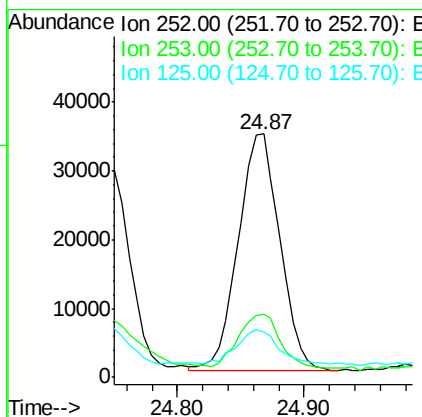
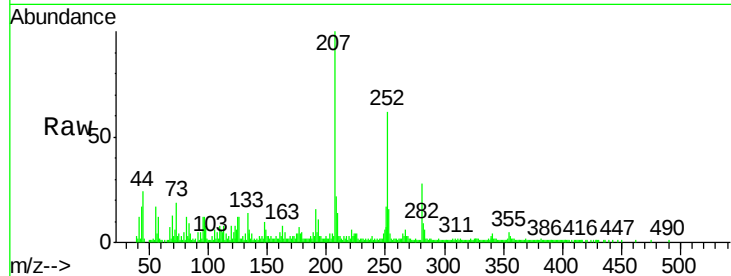
#26
Benzo(a)pyrene
Concen: 2.05 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

Instrument :
BNA_M
ClientSampleId :
D9D03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	78442		
253	26.1	17.3	25.9#	
125	18.8	11.0	16.6#	

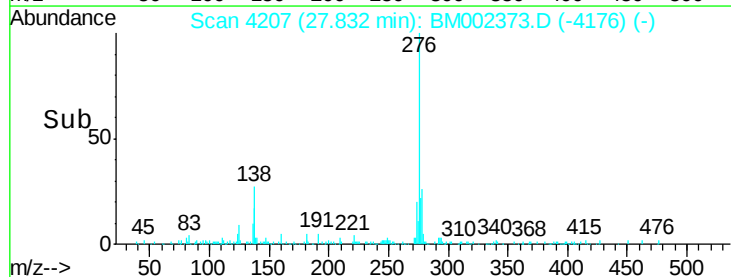
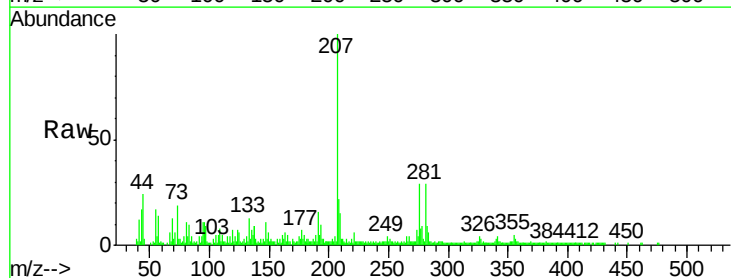
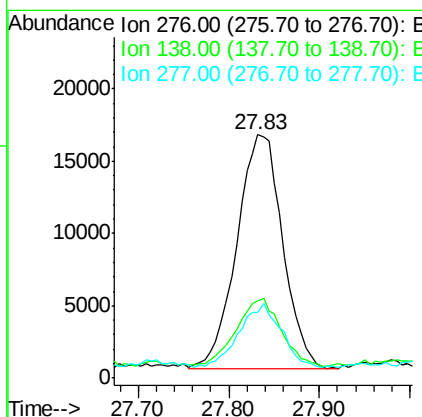
Manual Integrations
APPROVED

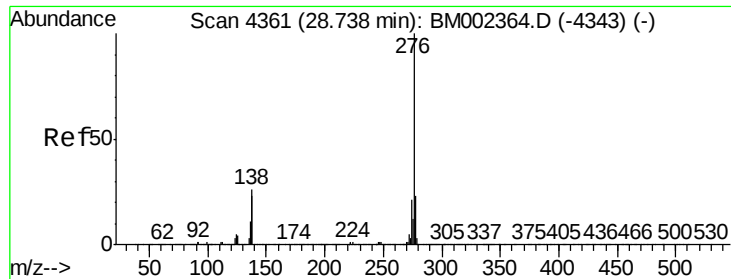
MMDadoda
8/13/2015 10:58:15 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.29 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.02 min
Lab File: BM002373.D
Acq: 12 Aug 2015 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	56710		
138	31.7	25.6	38.4	
277	27.0	21.0	31.4	





#29

Benzo(g,h,i)perylene

Concen: 1.36 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BM002373.D

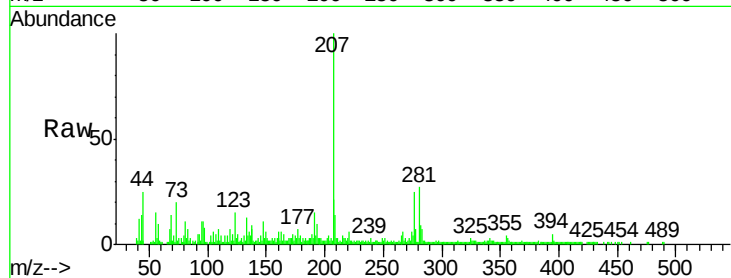
Acq: 12 Aug 2015 22:35

Instrument :

BNA_M

ClientSampleId :

D9D03



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	28.3	19.0	28.6

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:58:15 AM

