

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
 Data File : BM006772.D
 Acq On : 30 Jul 2016 14:19
 Operator : UM/SJ
 Sample : H4190-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZN6

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:04:58 PM

Quant Time: Aug 01 08:31:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	181891	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	812498	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	462819	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1030937m	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1176737	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1212017	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	8277	1.84	ng/uL	0.00
3) Phenol-d5	6.79	99	320685	20.72	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	218774	22.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	255525	20.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	212714	17.72	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	131130	21.32	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	143481	21.94	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	250980	20.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	309824	22.76	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	804920	22.18	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1026138	22.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	92965	14.75	ng/ul	0.00
21) Fluorene-d10	15.26	176	714183	22.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	76083m	14.22	ng/ul	0.00
26) Anthracene-d10	17.10	188	1079010	22.04	ng/ul	0.00
30) Pyrene-d10	19.41	212	1242342	23.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1238507	22.22	ng/ul	-0.01

Target Compounds

						Qvalue
28) Fluoranthene	19.07	202	264960m	3.89	ng/ul	
31) Pyrene	19.44	202	235592	3.31	ng/ul	97
32) Benzo(a)anthracene	21.19	228	189614	2.66	ng/ul	98
33) Chrysene	21.24	228	171656	2.61	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	265548	3.65	ng/ul	97
36) Benzo(k)fluoranthene	22.79	252	96611m	1.38	ng/ul	
38) Benzo(a)pyrene	23.32	252	192169	2.72	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	141475	1.73	ng/ul	99
41) Benzo(g,h,i)perylene	26.29	276	130341	1.86	ng/ul	98

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

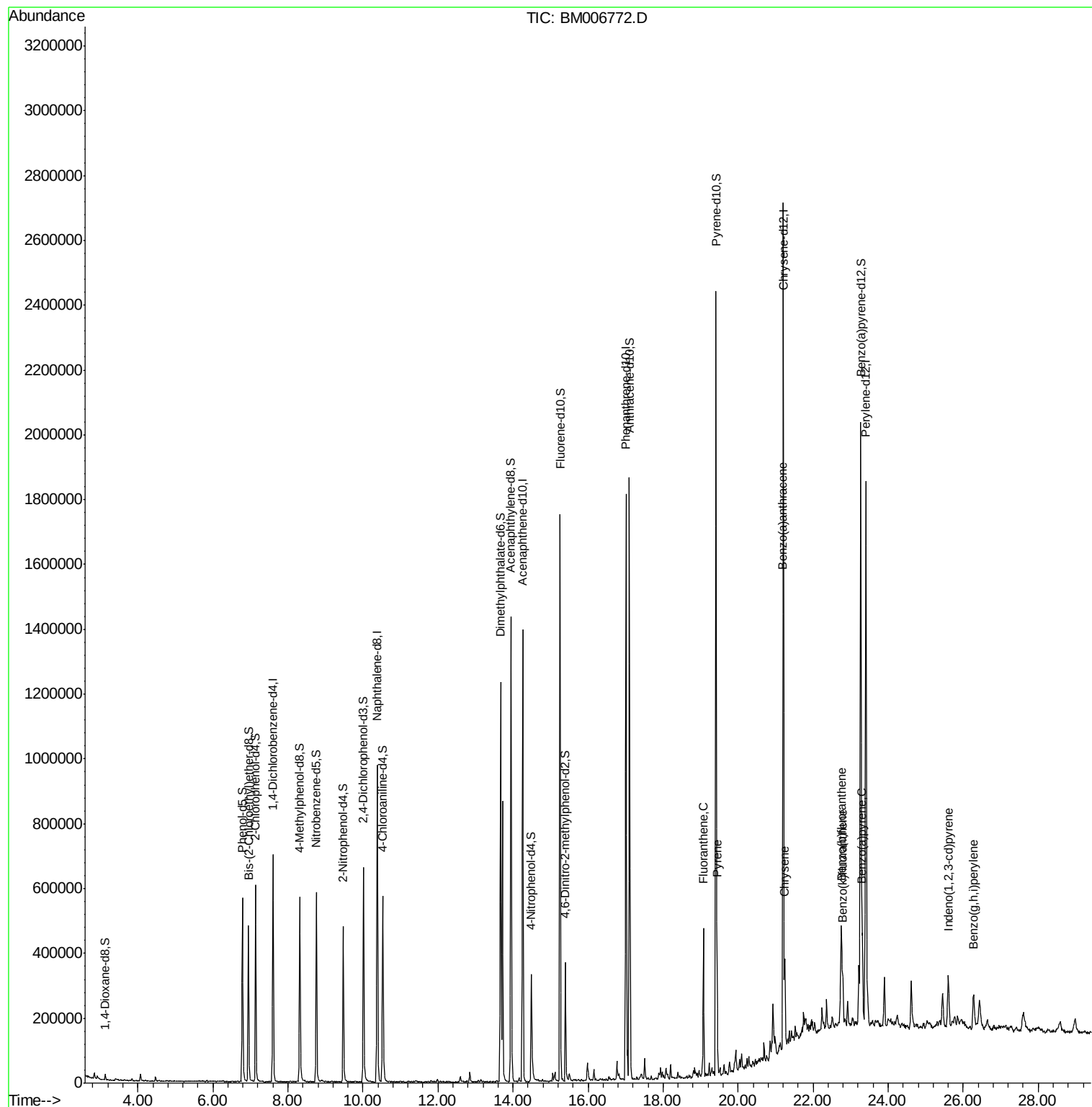
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006772.D
Acq On : 30 Jul 2016 14:19
Operator : UM/SJ
Sample : H4190-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

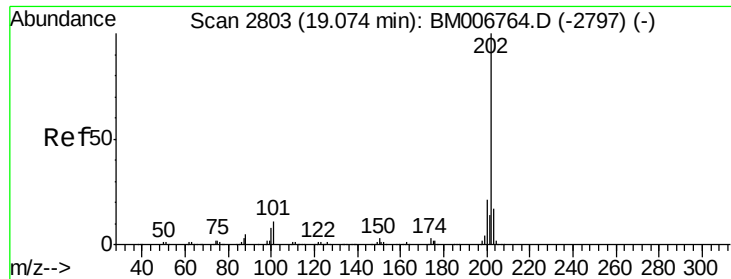
Instrument :
BNA_M
ClientSampleId :
D9ZN6

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:58 PM

Quant Time: Aug 01 08:31:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration





#28

Fluoranthene

Concen: 3.89 ng/ul m

RT: 19.07 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM006772.D

Acq: 30 Jul 2016 14:19

Instrument :

BNA_M

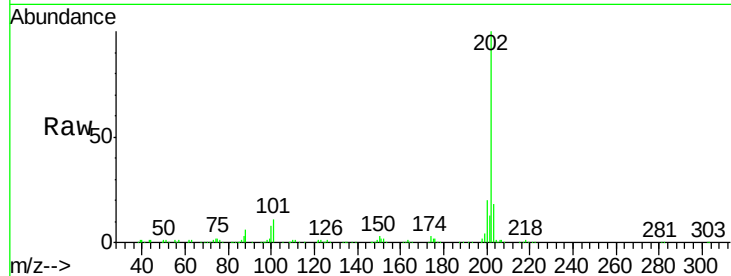
ClientSampled :

D9ZN6

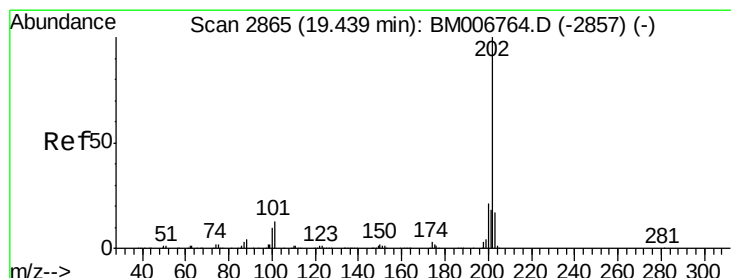
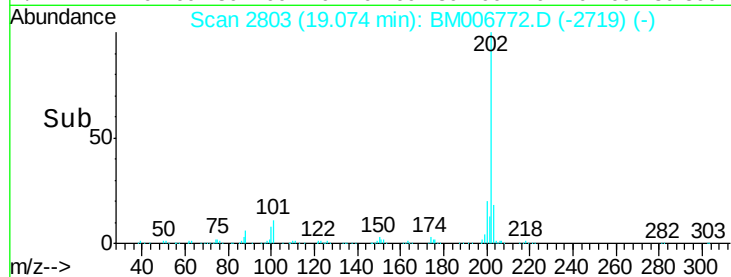
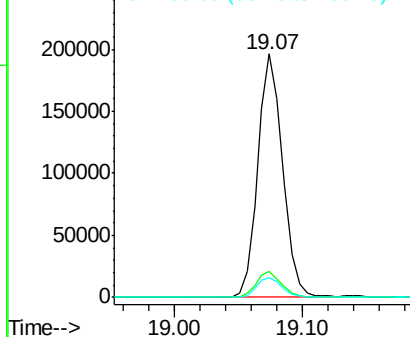
Tgt	Ion	202	Resp:	264960
Ion	Ratio	Lower	Upper	
202	100			
101	10.8	8.9	13.3	
100	8.2	7.0	10.4	

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:58 PM



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: 3.31 ng/ul

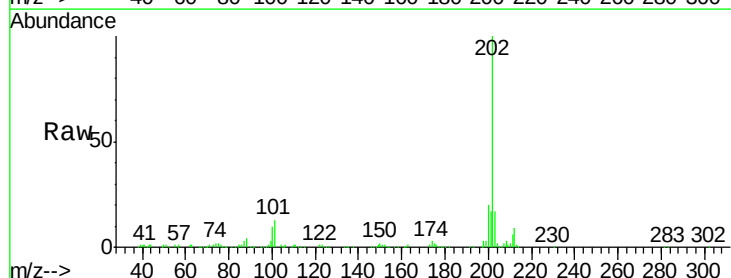
RT: 19.44 min Scan# 2865

Delta R.T. -0.01 min

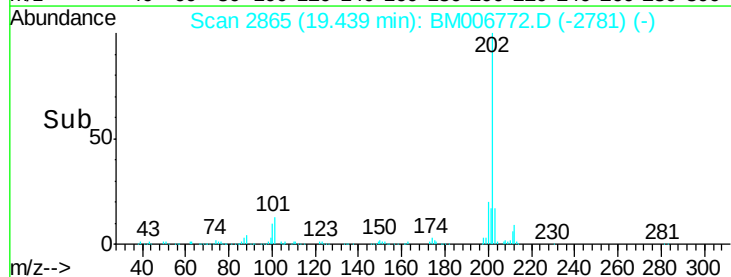
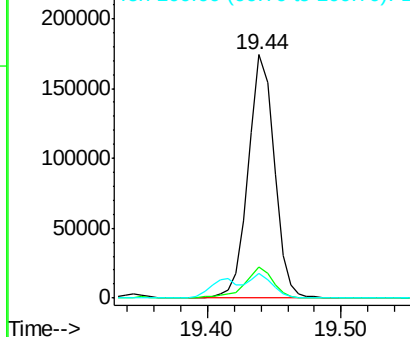
Lab File: BM006772.D

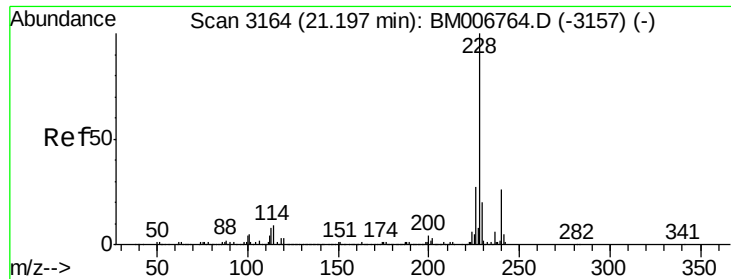
Acq: 30 Jul 2016 14:19

Tgt	Ion	202	Resp:	235592
Ion	Ratio	Lower	Upper	
202	100			
101	13.0	9.8	14.8	
100	10.3	9.3	13.9	



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





#32

Benzo(a)anthracene

Concen: 2.66 ng/ul

RT: 21.19 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM006772.D

Acq: 30 Jul 2016 14:19

Instrument :

BNA_M

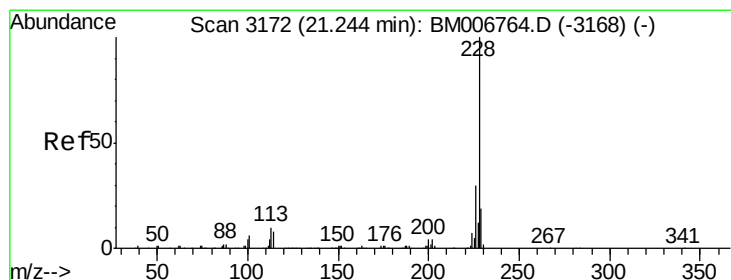
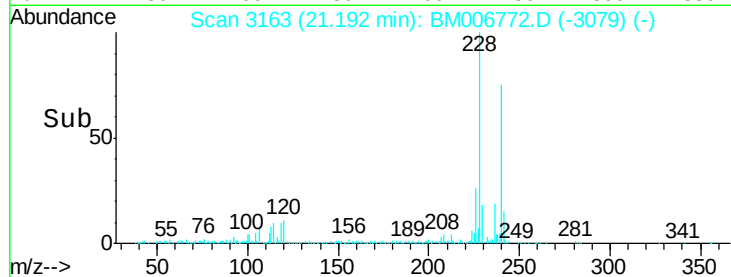
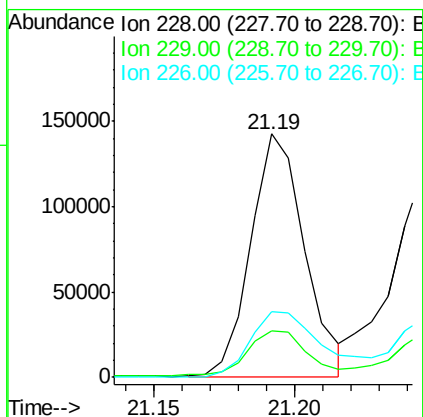
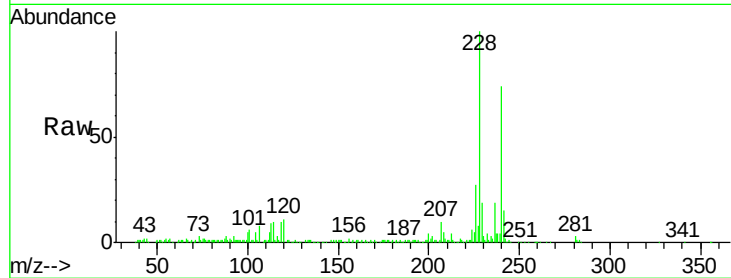
ClientSampleId :

D9ZN6

Tgt Ion:	228	Resp:	189614
Ion Ratio	Lower	Upper	
228	100		
229	18.9	16.6	25.0
226	26.8	21.0	31.4

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:58 PM



#33

Chrysene

Concen: 2.61 ng/ul

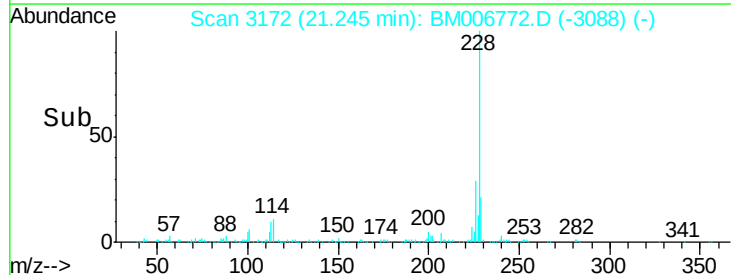
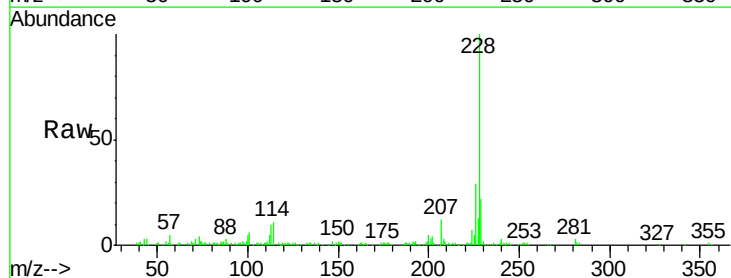
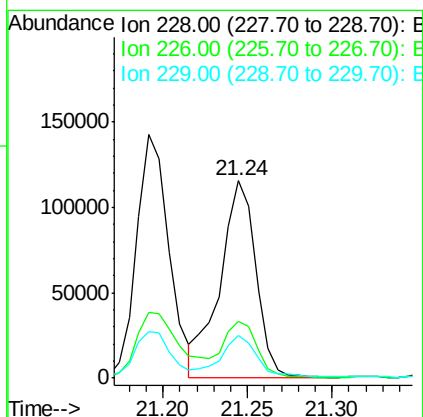
RT: 21.24 min Scan# 3172

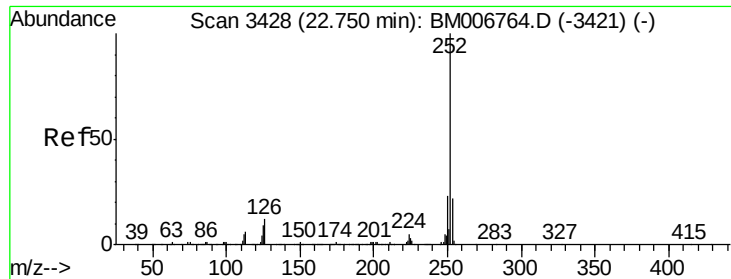
Delta R.T. -0.01 min

Lab File: BM006772.D

Acq: 30 Jul 2016 14:19

Tgt Ion:	228	Resp:	171656
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	21.8	16.2	24.2





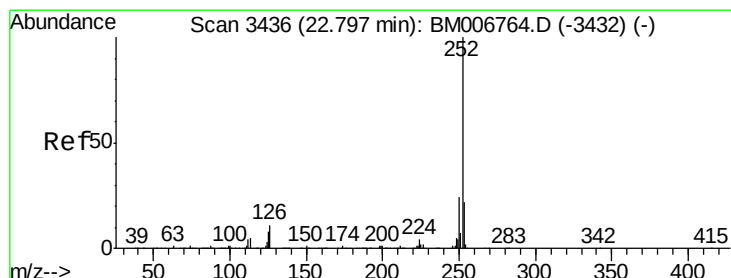
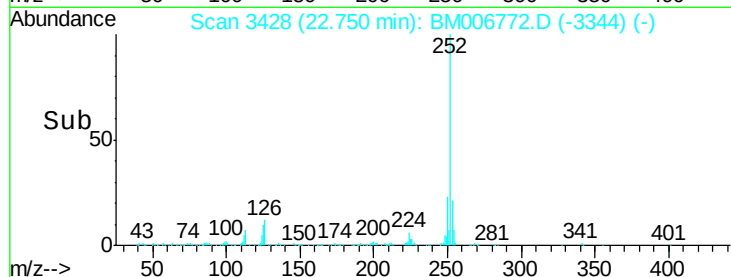
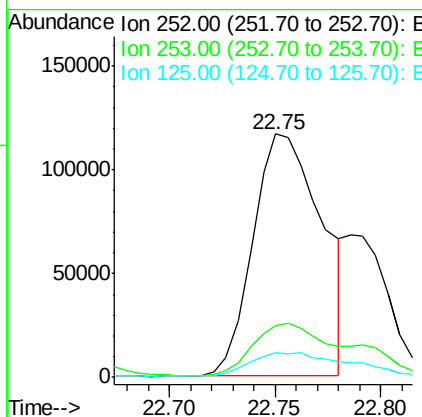
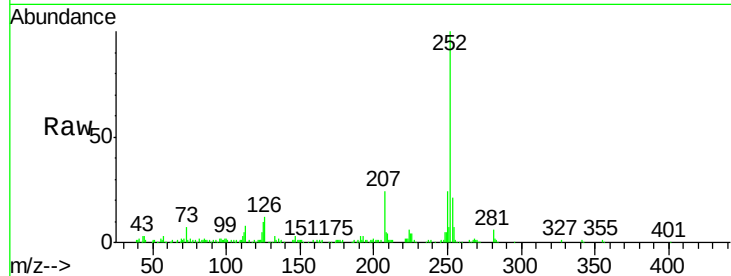
#35
Benzo(b)fluoranthene
Concen: 3.65 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Instrument :
BNA_M
ClientSampleId :
D9ZN6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	18.1	27.1
125	10.2	7.6	11.4

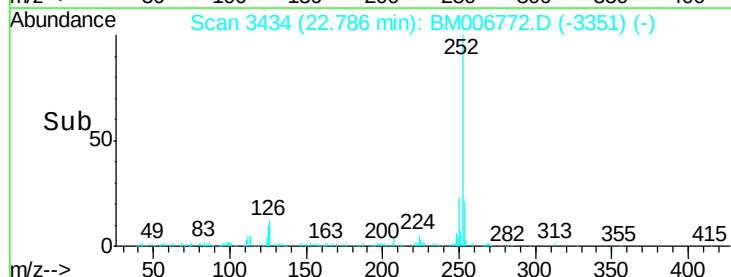
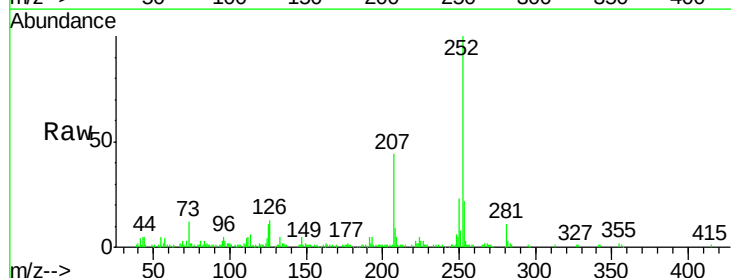
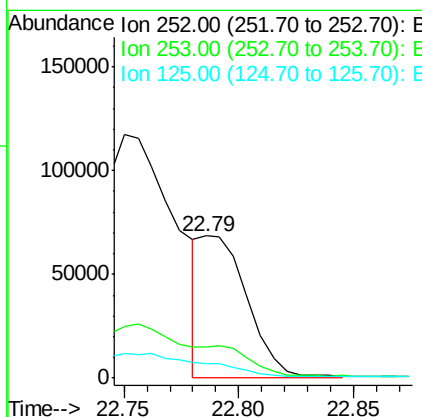
Manual Integrations
APPROVED

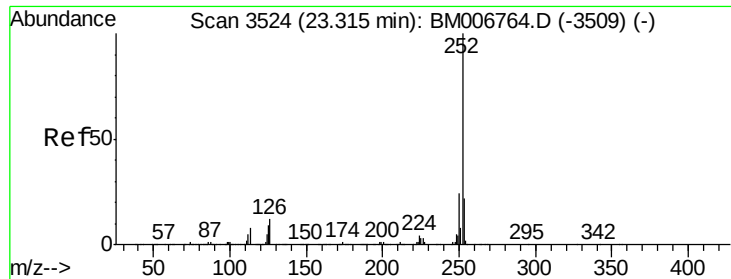
sohil
8/1/2016 7:04:58 PM



#36
Benzo(k)fluoranthene
Concen: 1.38 ng/ul m
RT: 22.79 min Scan# 3434
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.8	26.8
125	10.5	7.7	11.5





#38

Benzo(a)pyrene

Concen: 2.72 ng/ul

RT: 23.32 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006772.D

Acq: 30 Jul 2016 14:19

Instrument :

BNA_M

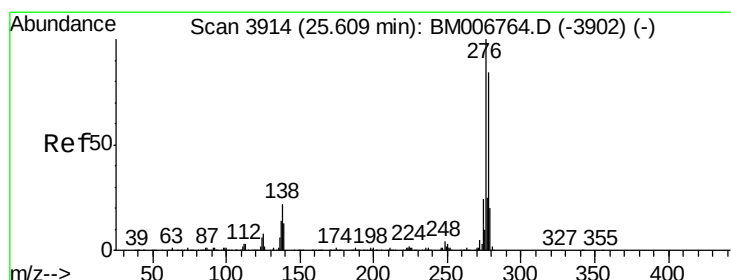
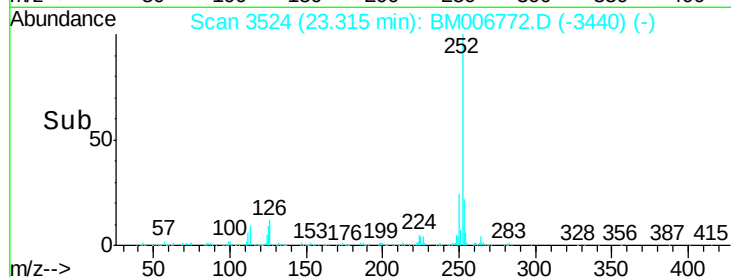
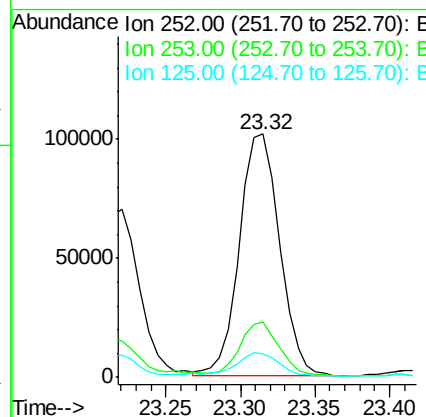
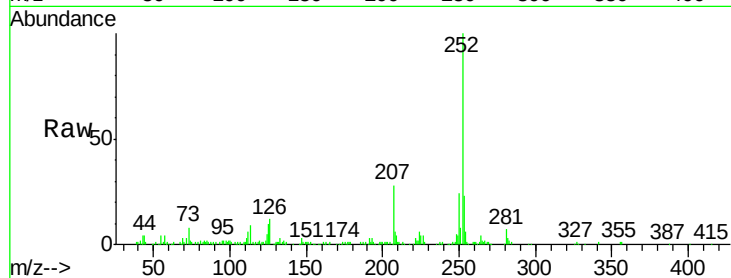
ClientSampleId :

D9ZN6

Tgt Ion:	252	Resp:	192169
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	9.7	8.2	12.2

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:58 PM



#39

Indeno(1,2,3-cd)pyrene

Concen: 1.73 ng/ul

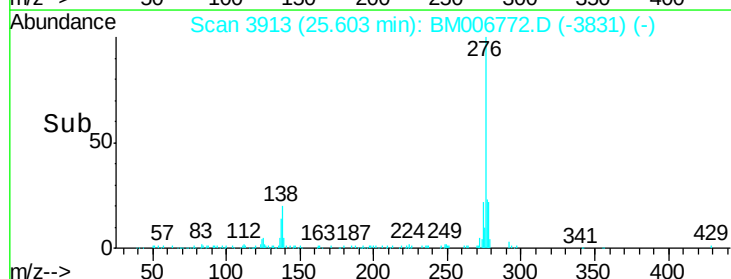
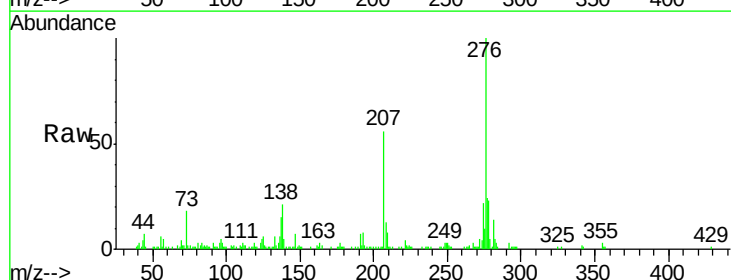
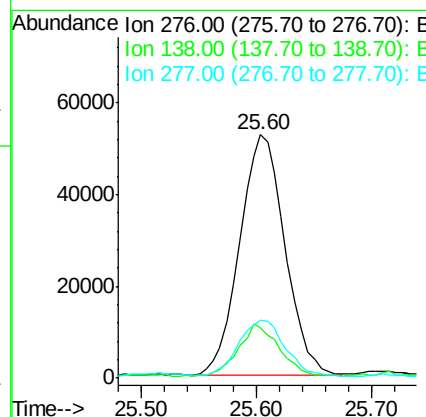
RT: 25.60 min Scan# 3913

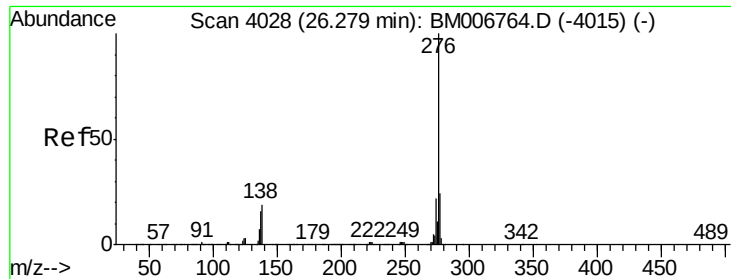
Delta R.T. -0.02 min

Lab File: BM006772.D

Acq: 30 Jul 2016 14:19

Tgt Ion:	276	Resp:	141475
Ion Ratio	Lower	Upper	
276	100		
138	20.7	15.8	23.6
277	23.8	19.0	28.6





#41

Benzo(g,h,i)perylene

Concen: 1.86 ng/ul

RT: 26.29 min Scan# 4029

Delta R.T. -0.01 min

Lab File: BM006772.D

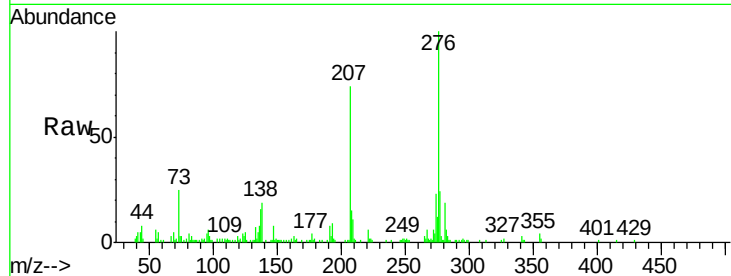
Acq: 30 Jul 2016 14:19

Instrument :

BNA_M

ClientSampleId :

D9ZN6



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.0		13.9	20.9	
277	24.1		19.8	29.6	

Manual Integrations
APPROVED

sohil
8/1/2016 7:04:58 PM

