

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005793.D
 Acq On : 14 Jun 2016 20:18
 Operator : UM/SJ
 Sample : H3565-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XX3

Manual Integrations
 APPROVED

sohil
 6/15/2016 6:36:40 PM

Quant Time: Jun 15 01:53:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	60912	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	327529	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	198546	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	378816	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	320463	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	332143	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3231	2.45	ng/uL	0.00
3) Phenol-d5	6.92	99	122141	24.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	81980	27.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	110525	26.52	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	107520	25.44	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	57730	24.89	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	66192	25.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	118929	24.12	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	144889	26.74	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	426837	27.08	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	546435	27.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	29575m	16.32	ng/ul	0.01
21) Fluorene-d10	15.38	176	364455	27.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	26851	15.84	ng/ul	0.00
26) Anthracene-d10	17.23	188	481542	27.40	ng/ul	0.00
30) Pyrene-d10	19.53	212	439818	28.20	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	426154	27.78	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.17	178	22103	1.06 ng/ul	98
28) Fluoranthene	19.19	202	48054	2.17 ng/ul	98
31) Pyrene	19.55	202	41262	2.10 ng/ul	99
32) Benzo(a)anthracene	21.30	228	26345	1.42 ng/ul	99
33) Chrysene	21.35	228	27017	1.49 ng/ul	94
35) Benzo(b)fluoranthene	22.89	252	39719m	2.00 ng/ul	
38) Benzo(a)pyrene	23.47	252	26338	1.39 ng/ul	94
39) Indeno(1,2,3-cd)pyrene	25.86	276	23856m	1.10 ng/ul	
41) Benzo(g,h,i)perylene	26.56	276	21744	1.16 ng/ul	98

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

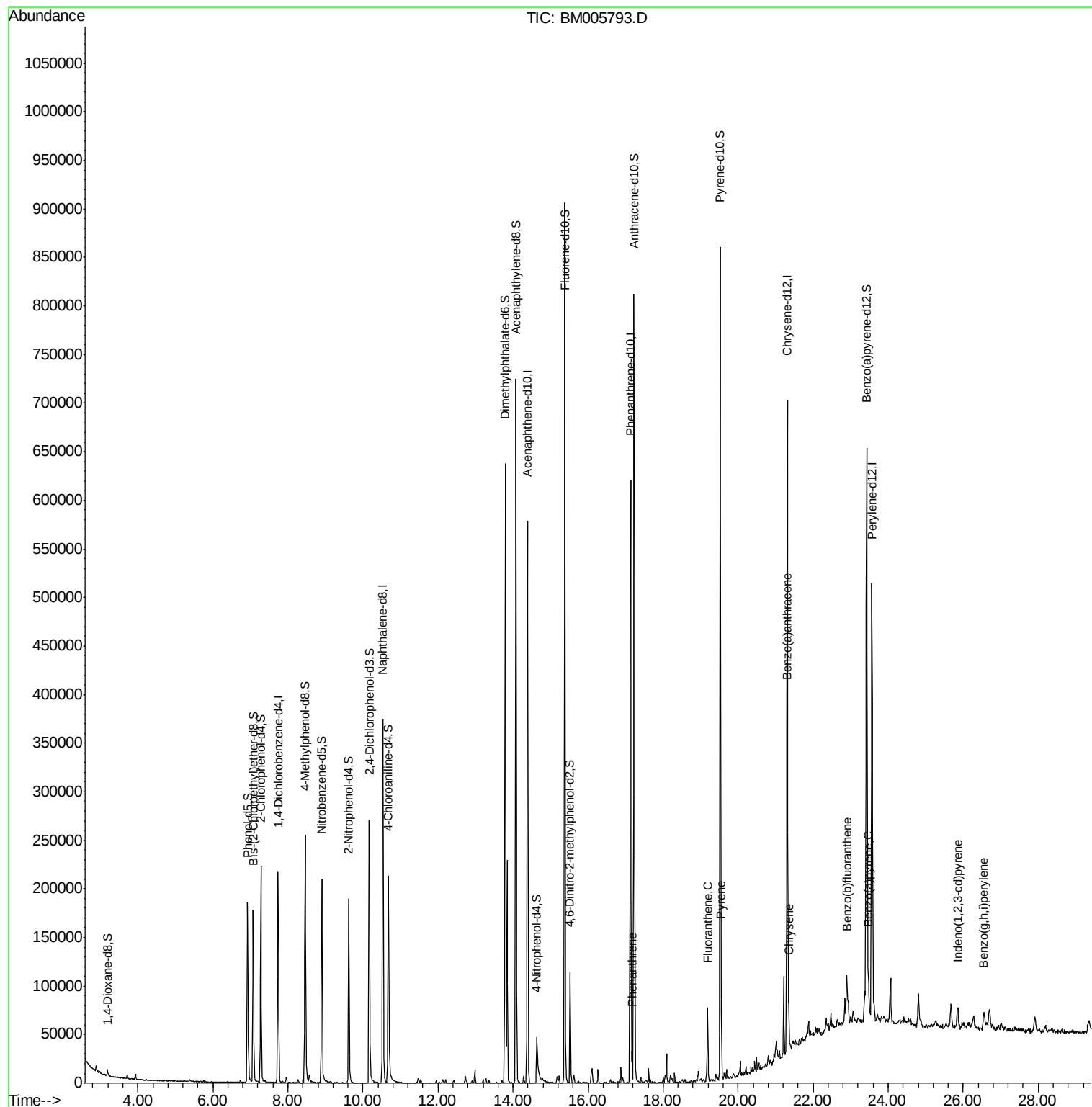
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005793.D
Acq On : 14 Jun 2016 20:18
Operator : UM/SJ
Sample : H3565-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

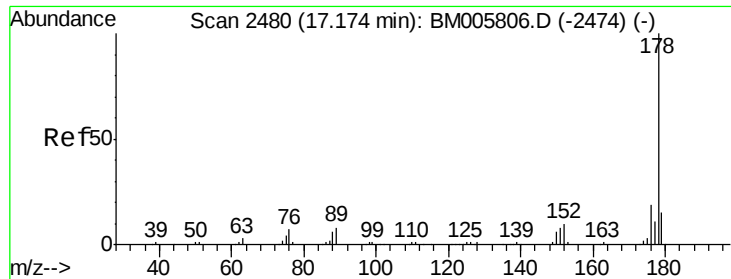
Instrument :
BNA_M
ClientSampleId :
D9XX3

Manual Integrations
APPROVED

sohil
6/15/2016 6:36:40 PM

Quant Time: Jun 15 01:53:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.06 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005793.D

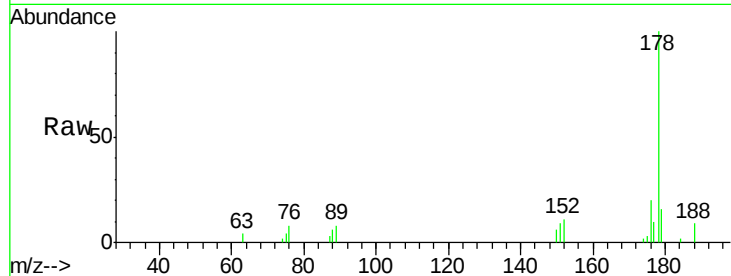
Acq: 14 Jun 2016 20:18

Instrument :

BNA_M

ClientSampleId :

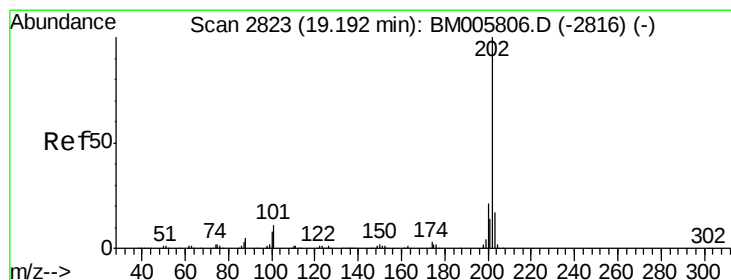
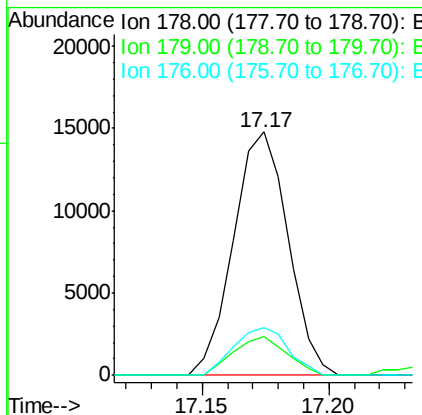
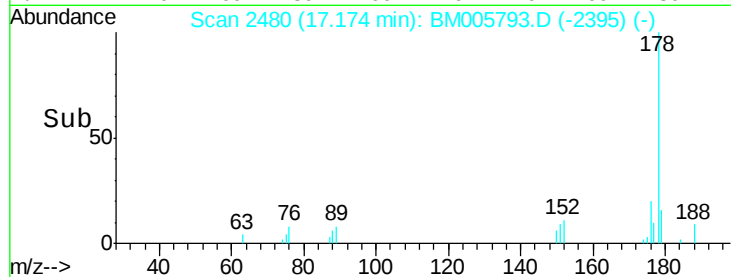
D9XX3



Tgt Ion:	178	Resp:	22103
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	19.7	15.3	22.9

Manual Integrations
APPROVED

sohil
6/15/2016 6:36:40 PM



#28

Fluoranthene

Concen: 2.17 ng/ul

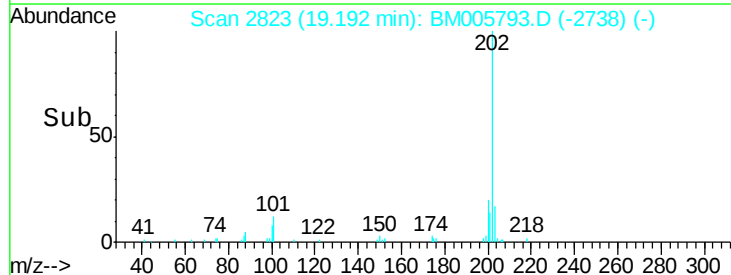
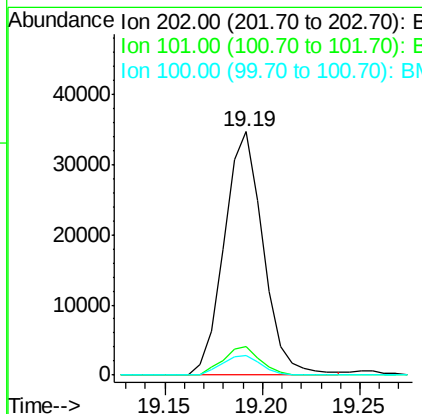
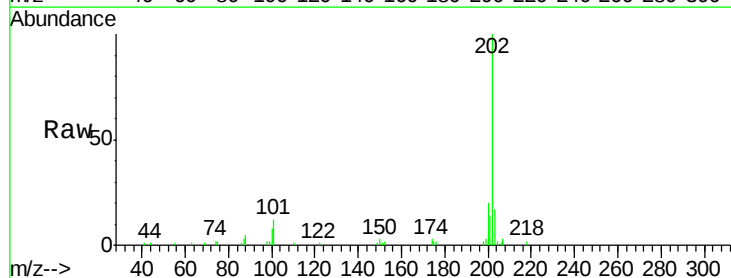
RT: 19.19 min Scan# 2823

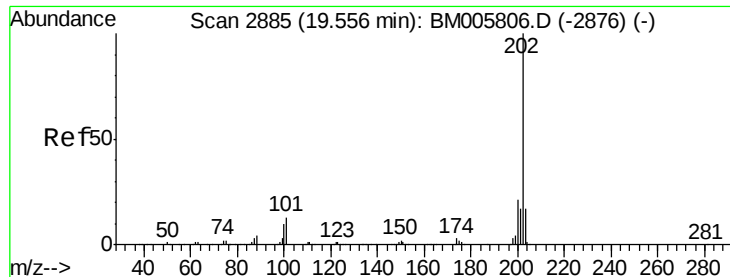
Delta R.T. -0.00 min

Lab File: BM005793.D

Acq: 14 Jun 2016 20:18

Tgt Ion:	202	Resp:	48054
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.5	12.7
100	8.0	6.5	9.7





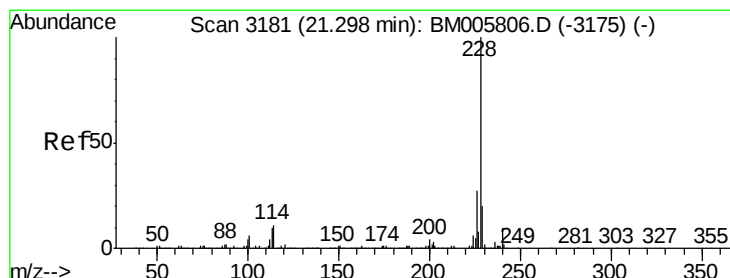
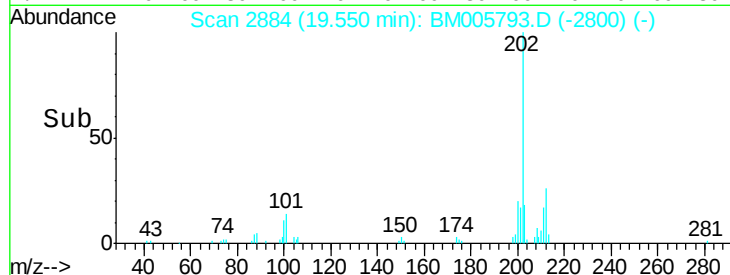
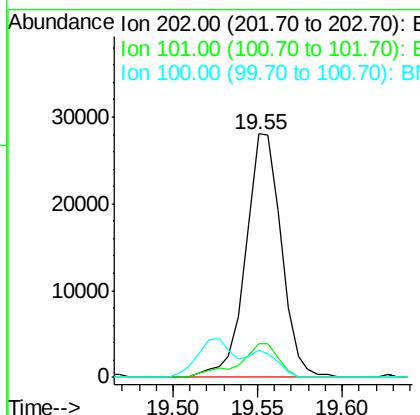
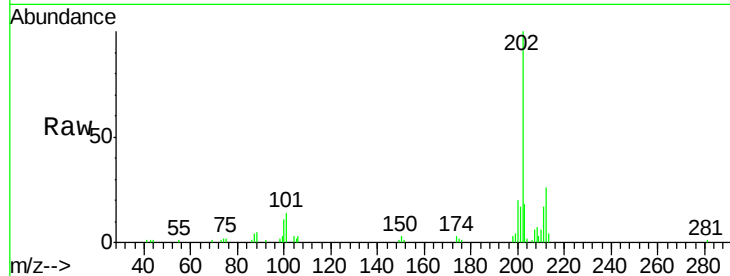
#31
Pyrene
Concen: 2.10 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005793.D
Acq: 14 Jun 2016 20:18

Instrument :
BNA_M
ClientSampleId :
D9XX3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	11.0	16.4
100	11.5	8.9	13.3

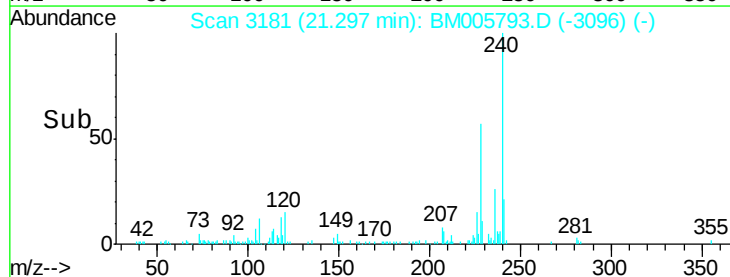
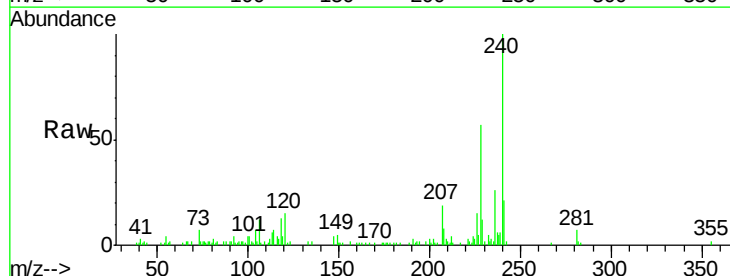
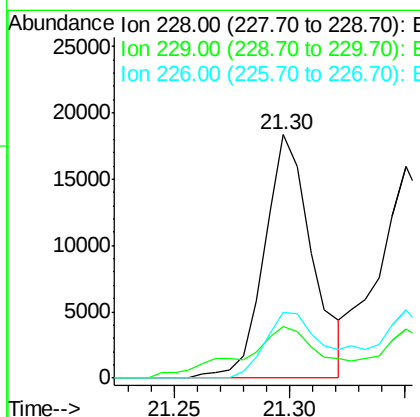
Manual Integrations
APPROVED

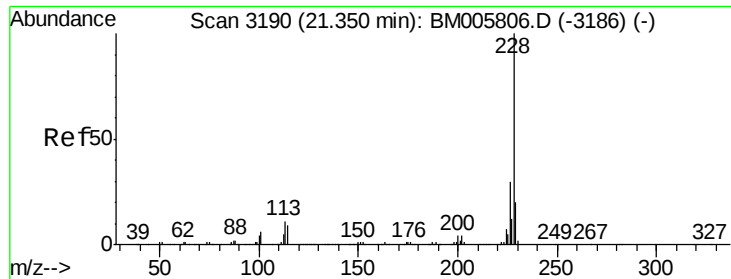
sohil
6/15/2016 6:36:40 PM



#32
Benzo(a)anthracene
Concen: 1.42 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005793.D
Acq: 14 Jun 2016 20:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.6	23.4
226	27.0	21.6	32.4





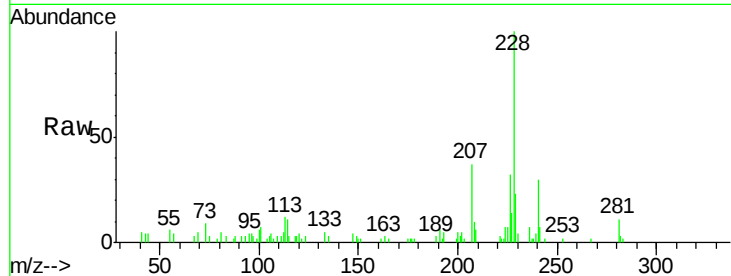
#33
Chrysene
Concen: 1.49 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005793.D
Acq: 14 Jun 2016 20:18

Instrument :
BNA_M
ClientSampleId :
D9XX3

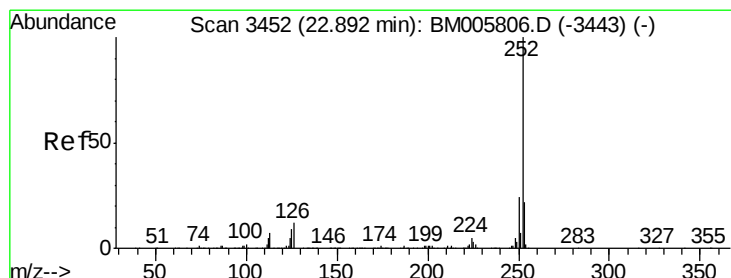
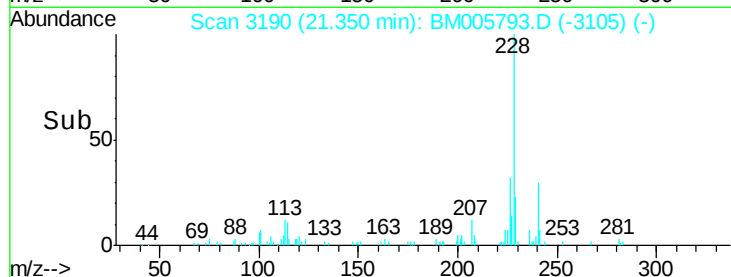
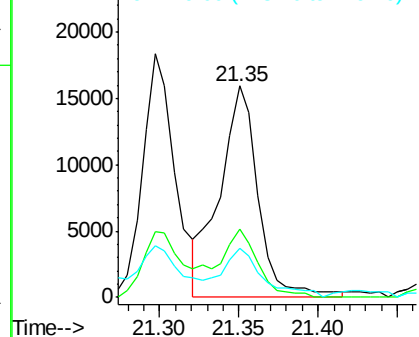
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.6
229	23.4	15.8	23.6

Manual Integrations
APPROVED

sohil
6/15/2016 6:36:40 PM



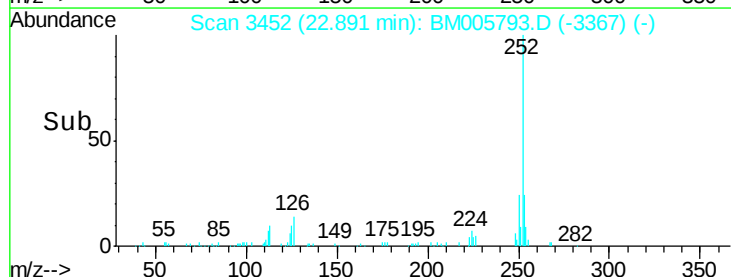
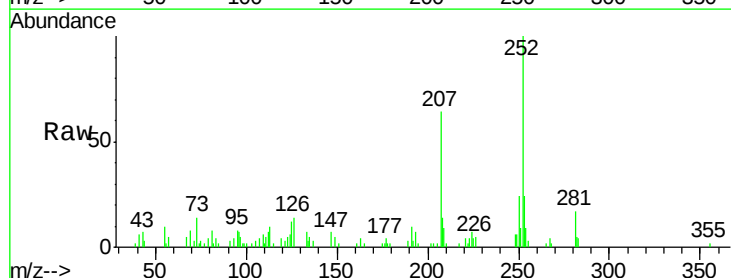
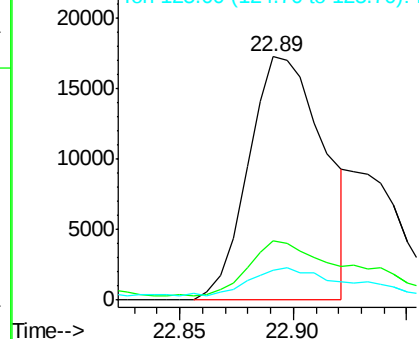
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

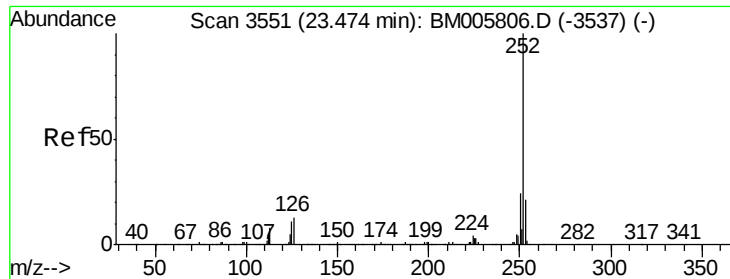


#35
Benzo(b)fluoranthene
Concen: 2.00 ng/ul m
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005793.D
Acq: 14 Jun 2016 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	12.3	7.8	11.6#

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





#38

Benzo(a)pyrene

Concen: 1.39 ng/ul

RT: 23.47 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BM005793.D

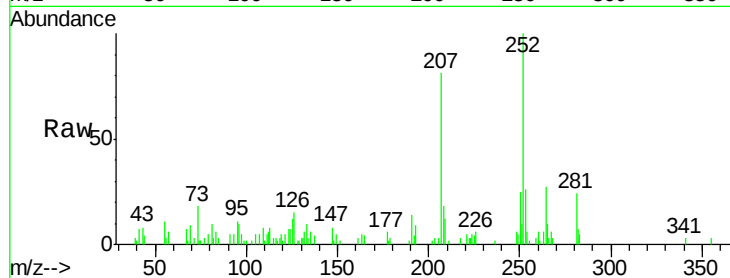
Acq: 14 Jun 2016 20:18

Instrument :

BNA_M

ClientSampleId :

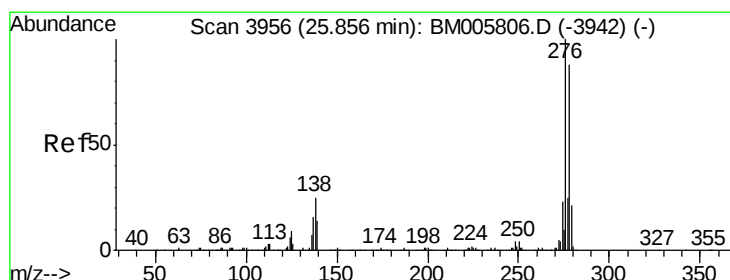
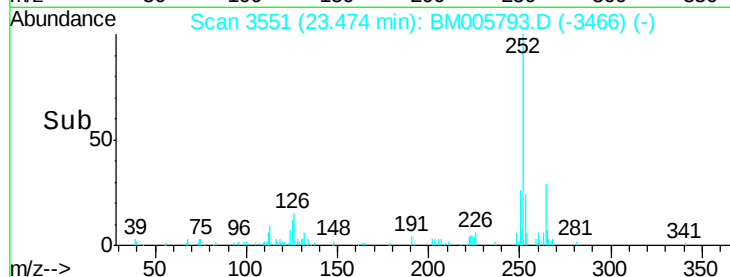
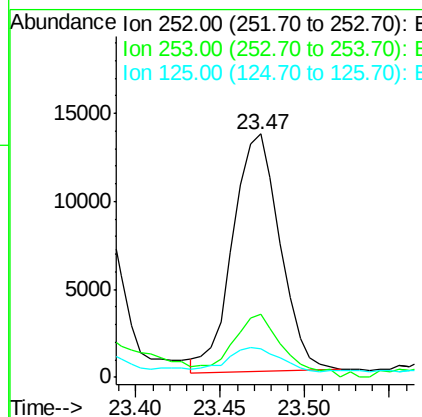
D9XX3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	11.8	8.7	13.1

Manual Integrations
APPROVED

sohil
6/15/2016 6:36:40 PM



#39

Indeno(1,2,3-cd)pyrene

Concen: 1.10 ng/ul m

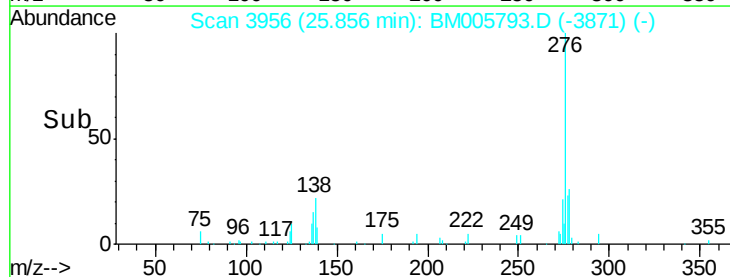
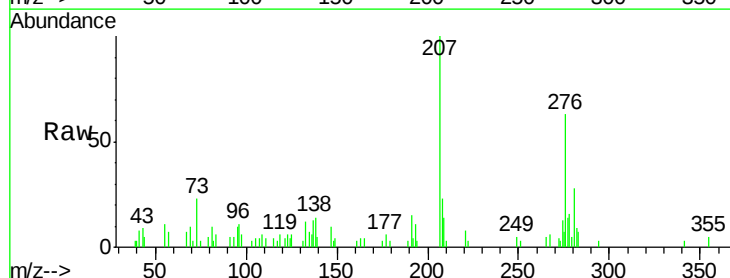
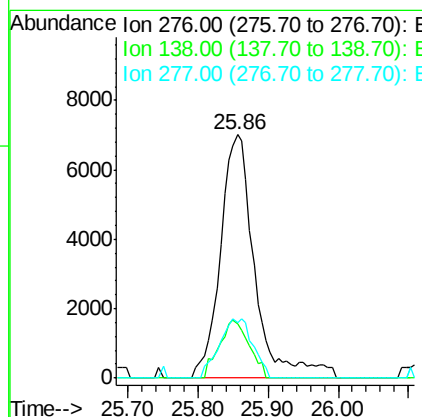
RT: 25.86 min Scan# 3956

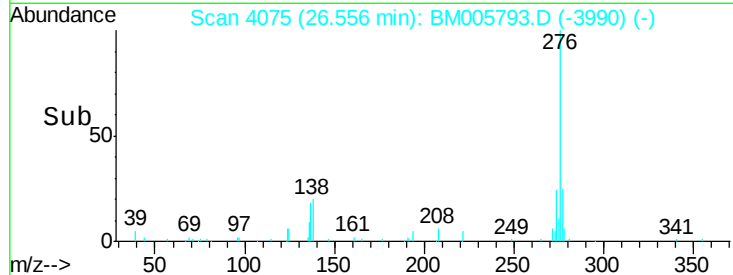
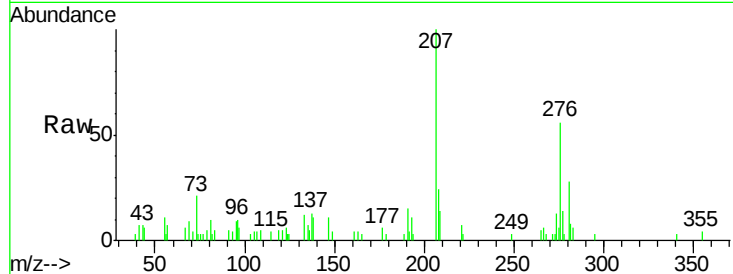
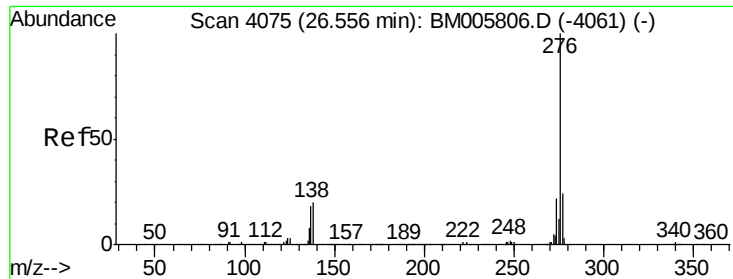
Delta R.T. -0.00 min

Lab File: BM005793.D

Acq: 14 Jun 2016 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.4	30.6
277	22.8	20.6	30.8





#41

Benzo(g,h,i)perylene

Concen: 1.16 ng/ul

RT: 26.56 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BM005793.D

Acq: 14 Jun 2016 20:18

Instrument :

BNA_M

ClientSampleId :

D9XX3

Tgt Ion:	276	Resp:	21744
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.6	25.0
277	24.8	18.9	28.3

Manual Integrations
APPROVED

sohil
6/15/2016 6:36:40 PM

