

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006421.D
 Acq On : 14 Jul 2016 21:08
 Operator : UM/SJ
 Sample : H3990-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ63

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:15:15 AM

Quant Time: Jul 15 04:59:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	109887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	461382	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	286050	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	699617	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	898091	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	967372	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3721	1.43	ng/uL	0.00
5) Phenol-d5	6.80	99	208240	23.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	139591	25.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	164201	22.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	160802	22.47	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	89977	25.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104286	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	178130	23.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	228882	29.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	696242	29.74	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	791596	27.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	112207	27.59	ng/ul	0.00
57) Fluorene-d10	15.27	176	598122	28.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	100486	24.83	ng/ul	0.00
70) Anthracene-d10	17.12	188	1001897	30.30	ng/ul	0.00
76) Pyrene-d10	19.42	212	1234385	30.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1478649	33.42	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.73	163	231715	9.76 ng/ul	100
74) Fluoranthene	19.09	202	219012	4.90 ng/ul	98
77) Pyrene	19.45	202	176416	3.29 ng/ul	97
80) Benzo(a)anthracene	21.20	228	124042	2.26 ng/ul	98
82) Chrysene	21.26	228	116404	2.26 ng/ul	97
85) Benzo(b)fluoranthene	22.77	252	161617m	2.80 ng/ul	
88) Benzo(a)pyrene	23.33	252	117811	2.13 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.61	276	74808	1.16 ng/ul	98
91) Benzo(a,h,i)perylene	26.29	276	62614	1.10 ng/ul	98

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

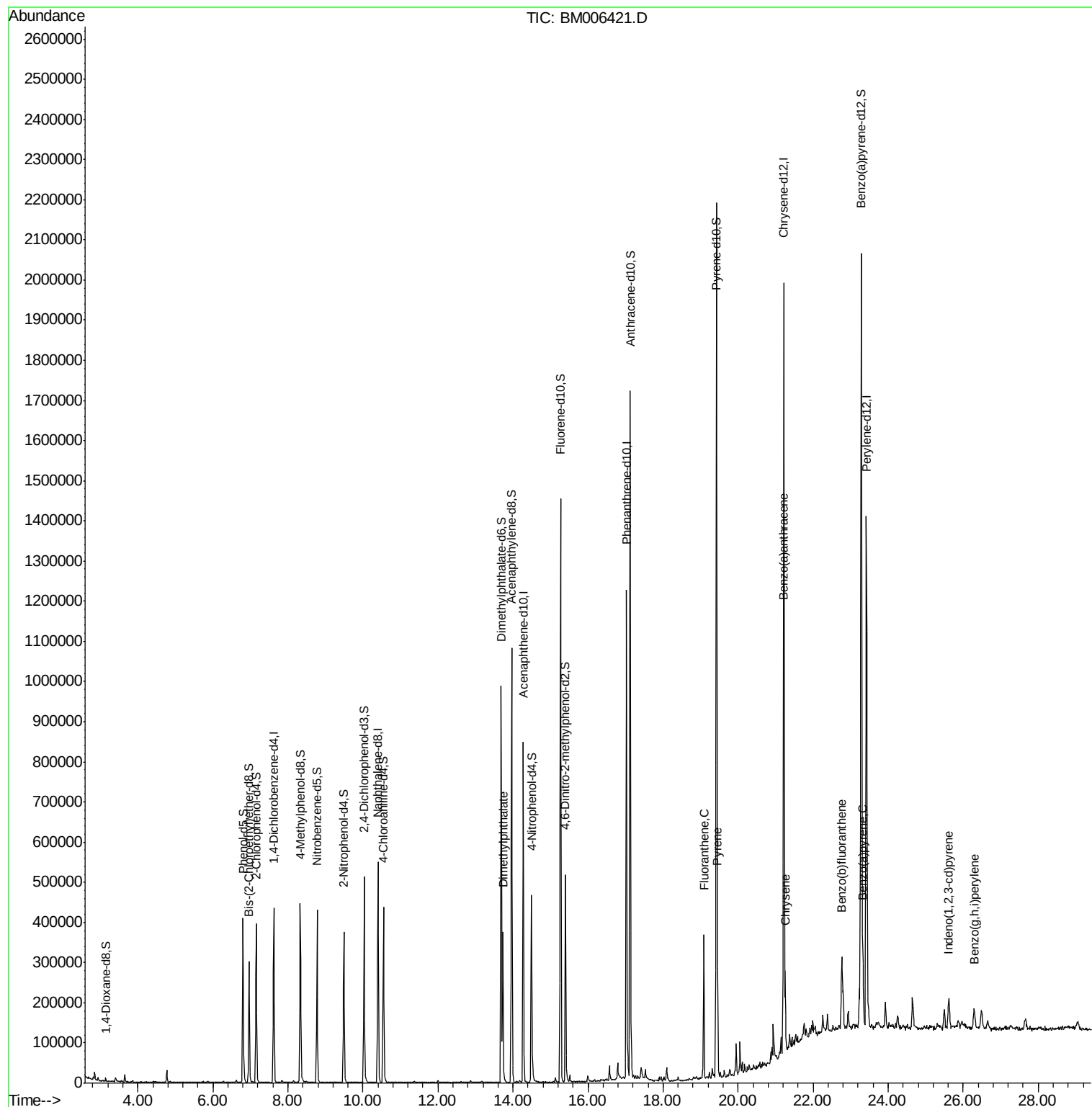
Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006421.D
Acq On : 14 Jul 2016 21:08
Operator : UM/SJ
Sample : H3990-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

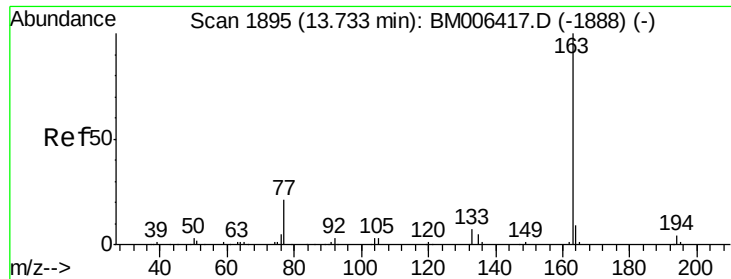
Instrument :
BNA_M
ClientSampleId :
BDJ63

Manual Integrations

Quant Time: Jul 15 04:59:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

APPROVED
Sohil
7/15/2016 9:15:15 AM





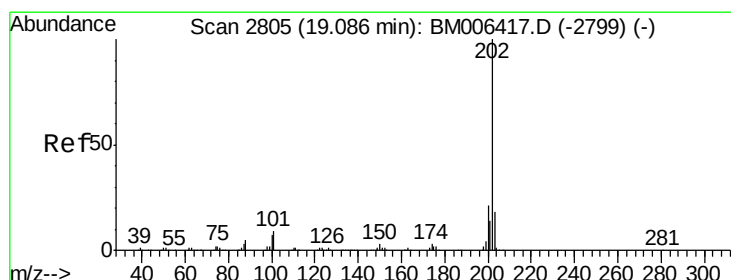
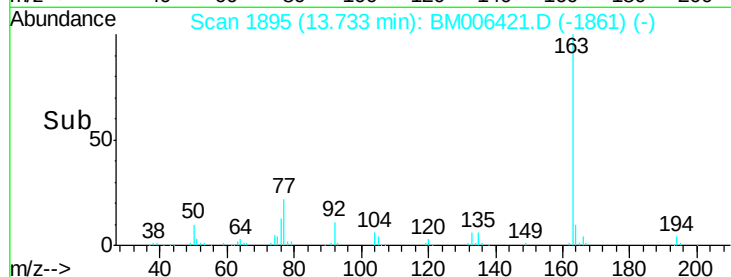
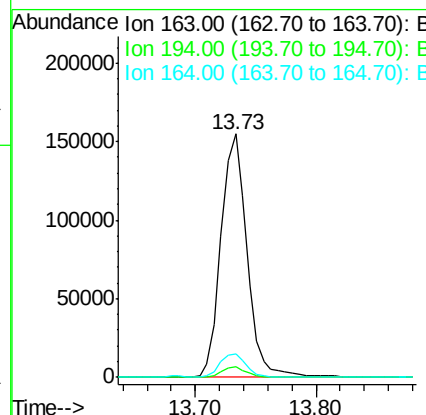
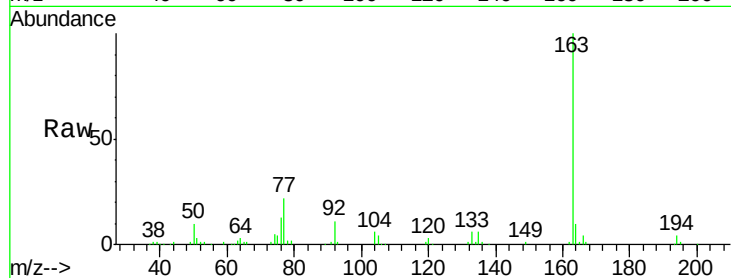
#44
Dimethylphthalate
Concen: 9.76 ng/ul
RT: 13.73 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM006421.D
Acq: 14 Jul 2016 21:08

Instrument :
BNA_M
ClientSampleId :
BDJ63

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		231715		
194	4.3		3.4	5.0	
164	9.6		7.8	11.8	

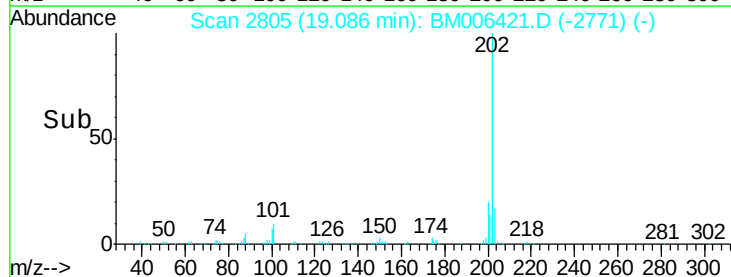
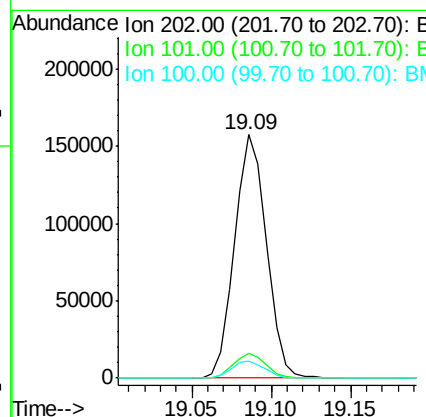
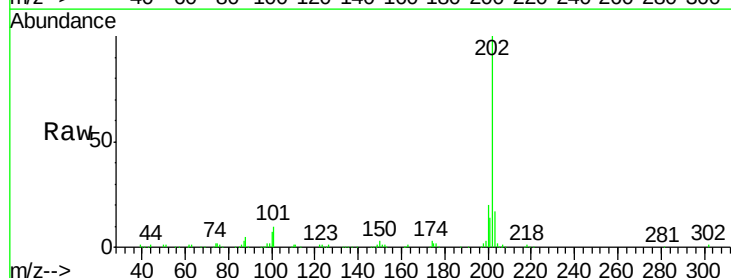
Manual Integrations

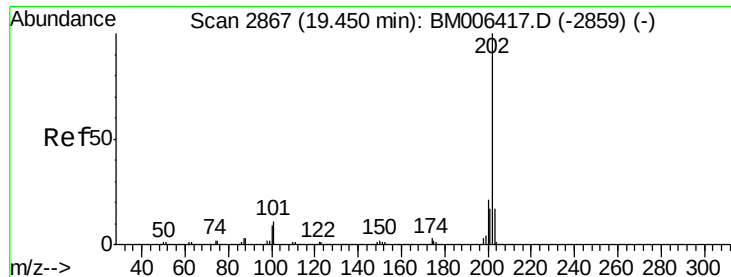
APPROVED
Sohil
7/15/2016 9:15:15 AM



#74
Fluoranthene
Concen: 4.90 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006421.D
Acq: 14 Jul 2016 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		219012		
101	10.2		8.6	12.8	
100	7.0		6.4	9.6	





#77

Pvrene

Concen: 3.29 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

Instrument :

BNA_M

ClientSampleId :

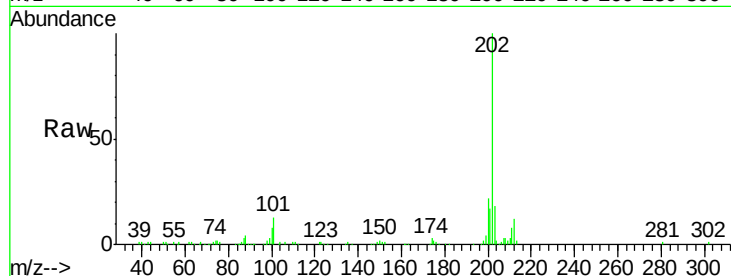
BDJ63

Tot Ion:	202	Resp:	176416
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.0	15.0
100	8.1	7.9	11.9

Manual Integrations

Sohil

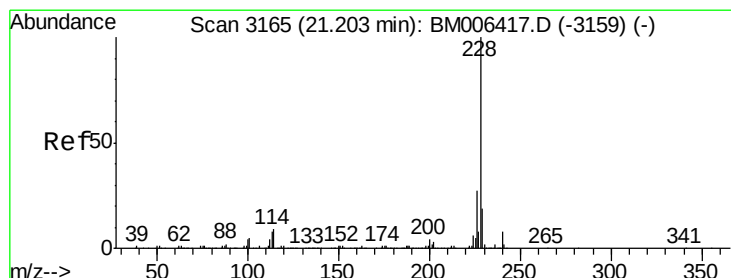
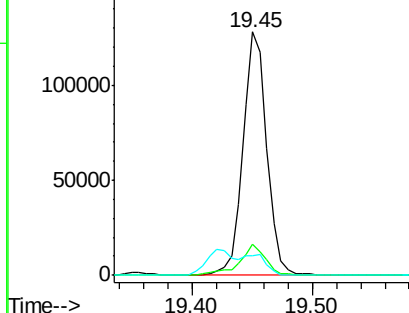
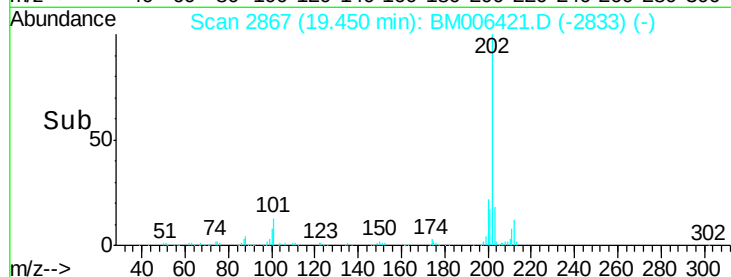
7/15/2016 9:15:15 AM



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): E



#80

Benzo(a)anthracene

Concen: 2.26 ng/ul

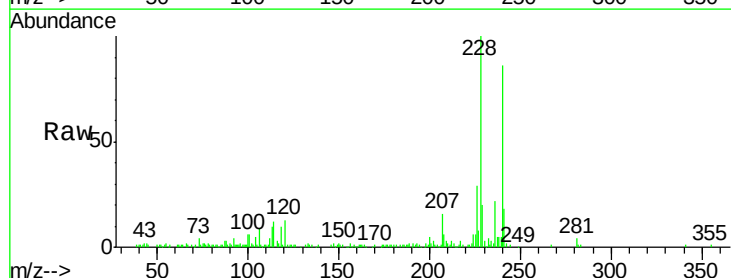
RT: 21.20 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

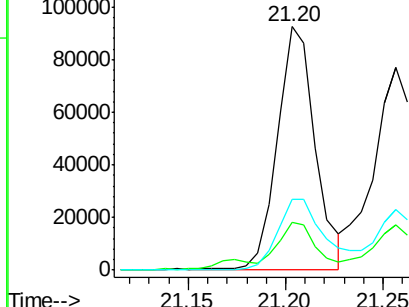
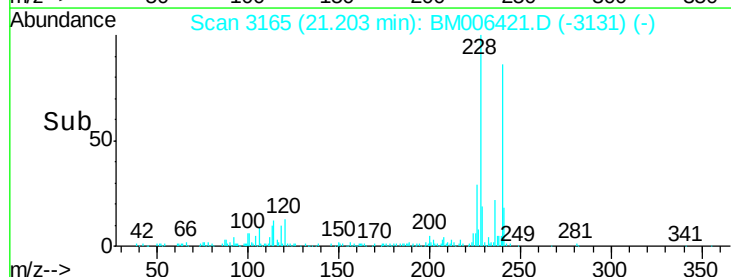
Tgt Ion:	228	Resp:	124042
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.6	23.4
226	28.9	21.4	32.2

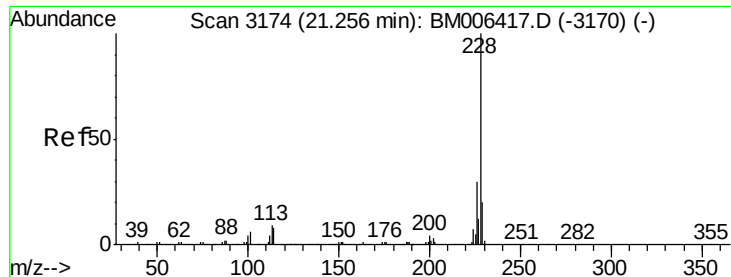


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.26 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

Instrument :

BNA_M

ClientSampleId :

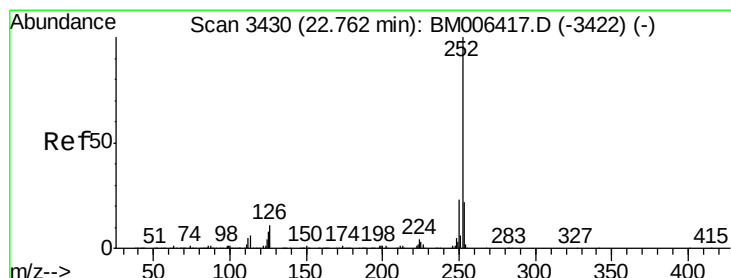
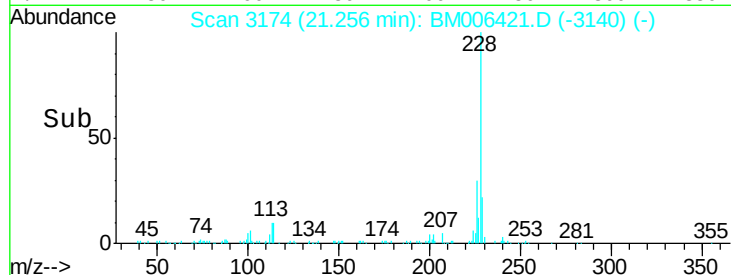
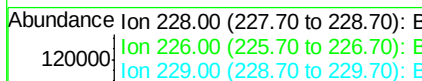
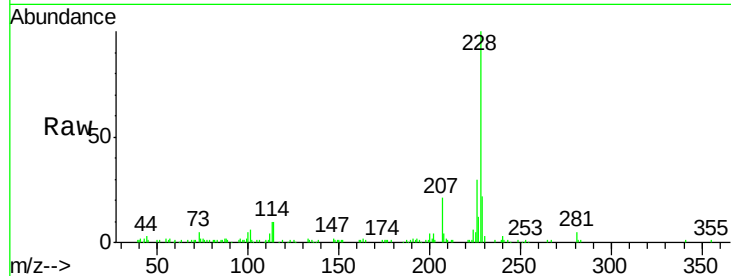
BDJ63

Tot Ion:	228	Resp:	116404
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	22.1	15.8	23.8

Manual Integrations

Sohil

7/15/2016 9:15:15 AM



#85

Benzo(b)fluoranthene

Concen: 2.80 ng/ul m

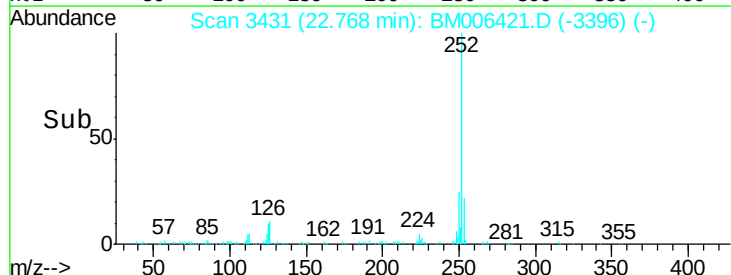
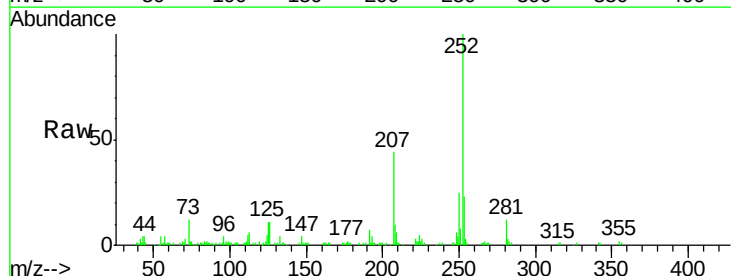
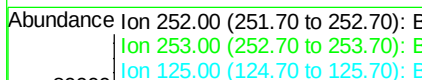
RT: 22.77 min Scan# 3431

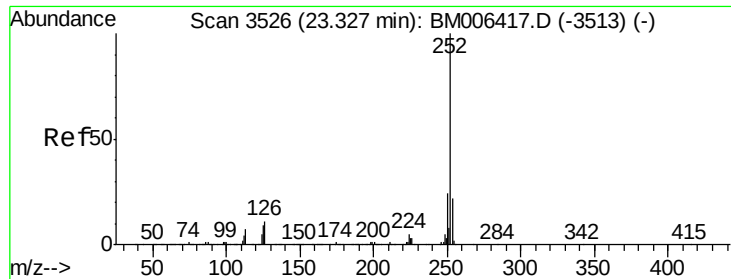
Delta R.T. 0.01 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

Tgt Ion:	252	Resp:	161617
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.8	6.7	10.1#





#88

Benzo(a)pyrene

Concen: 2.13 ng/ul

RT: 23.33 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

Instrument :

BNA_M

ClientSampleId :

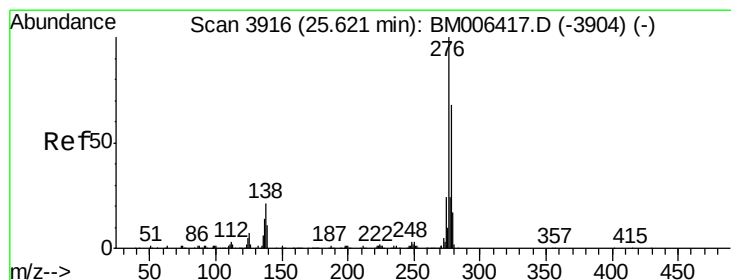
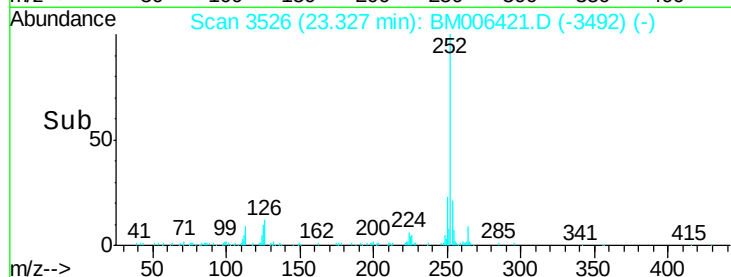
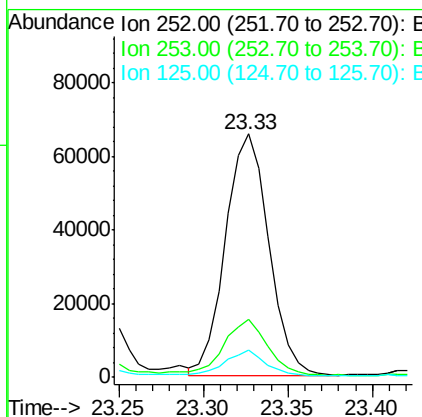
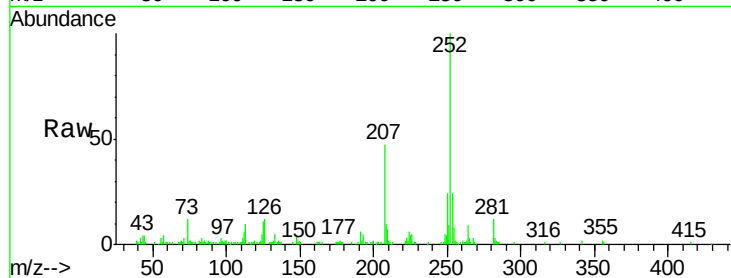
BDJ63

Tot Ion:	252	Resp:	117811
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	11.3	7.6	11.4

Manual Integrations

Sohil

7/15/2016 9:15:15 AM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng/ul

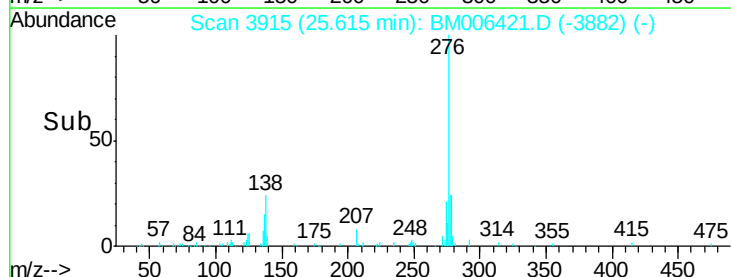
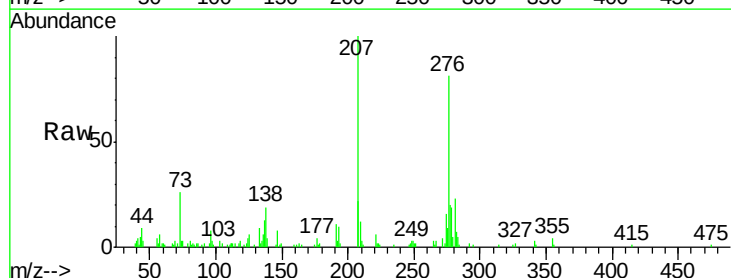
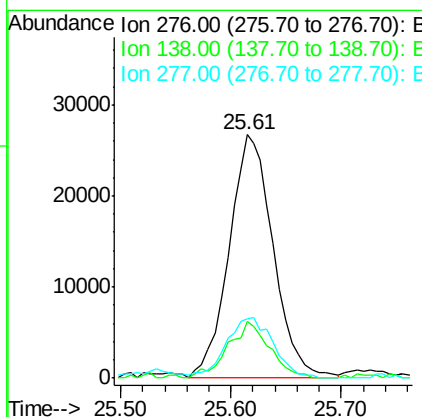
RT: 25.61 min Scan# 3915

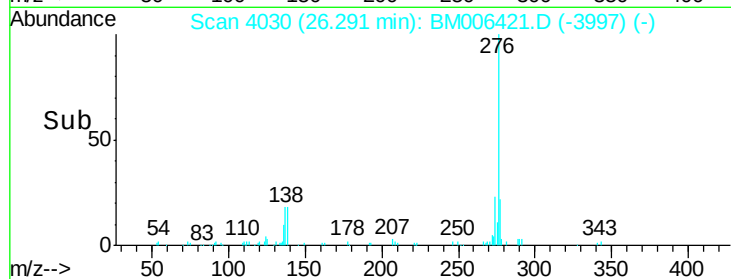
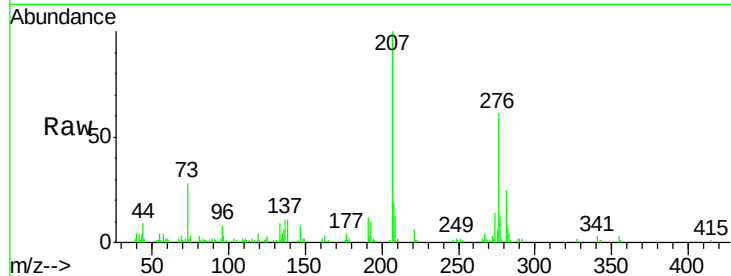
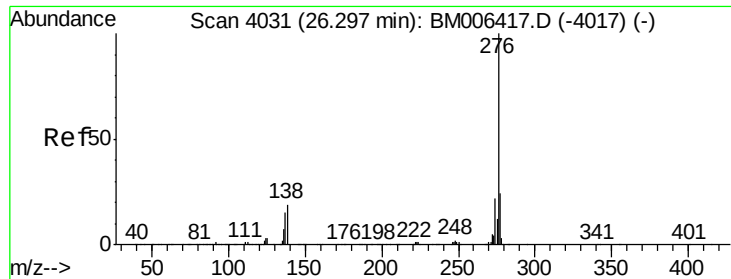
Delta R.T. -0.01 min

Lab File: BM006421.D

Acq: 14 Jul 2016 21:08

Tgt Ion:	276	Resp:	74808
Ion Ratio	Lower	Upper	
276	100		
138	23.2	17.8	26.6
277	24.1	20.1	30.1





#91
 Benzo(a,h,i)perylene
 Concen: 1.10 ng/ul
 RT: 26.29 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM006421.D
 Acq: 14 Jul 2016 21:08

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.0	22.4
277	22.0	19.0	28.4

Instrument :
 BNA_M
 ClientSampleId :
 BDJ63

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:15:15 AM

