

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007109.D
 Acq On : 14 Aug 2016 15:54
 Operator : UM/SJ
 Sample : H4387-11
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0612-01

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:55:38 PM

Quant Time: Aug 15 15:30:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 10:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	299304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1171228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	678850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1566133	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1836646	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	2027834	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	31899	4.66	ng/uL	0.00
5) Phenol-d5	6.97	99	664775	27.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	388008	27.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	553846	28.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	484197	24.27	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	265336	31.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	300414	33.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	558002	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	552680	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1636236	29.17	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2067931	30.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	250982	24.96	ng/ul	0.00
57) Fluorene-d10	15.43	176	1447238	29.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	140250	16.21	ng/ul	0.00
70) Anthracene-d10	17.29	188	2274953	31.36	ng/ul	0.00
76) Pyrene-d10	19.58	212	2603280	33.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2889686	31.15	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.00	94	61761	2.42	ng/ul	96
44) Dimethylphthalate	13.90	163	1803493	32.17	ng/ul	100
47) Acenaphthylene	14.16	152	702400	10.13	ng/ul	99
58) Fluorene	15.49	166	105586m	1.96	ng/ul	
69) Phenanthrene	17.23	178	1784870	21.19	ng/ul	100
71) Anthracene	17.32	178	619056	7.16	ng/ul	99
74) Fluoranthene	19.24	202	3649006	35.72	ng/ul	99
77) Pyrene	19.61	202	4442291	43.75	ng/ul	98
80) Benzo(a)anthracene	21.36	228	2856143	26.32	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.29	149	1001633	17.14	ng/ul	98
82) Chrysene	21.41	228	2679495	27.02	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	3277603	26.83	ng/ul	97
86) Benzo(k)fluoranthene	23.01	252	1153893m	10.06	ng/ul	
88) Benzo(a)pyrene	23.56	252	2666435	23.03	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.96	276	1724629	12.15	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	479611	4.03	ng/ul#	92
91) Benzo(g,h,i)perylene	26.66	276	1564707	13.04	ng/ul	98

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

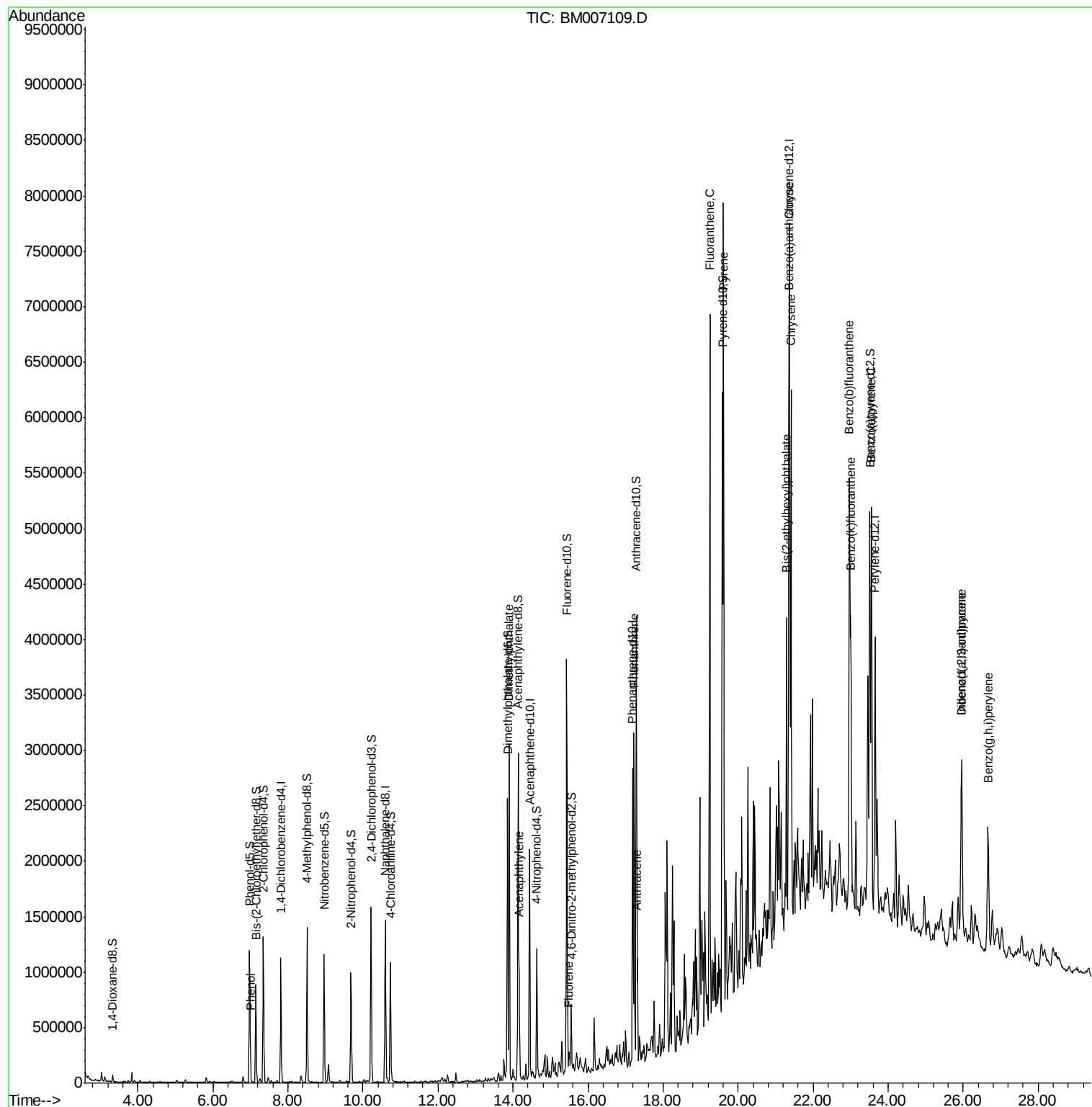
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007109.D
Acq On : 14 Aug 2016 15:54
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

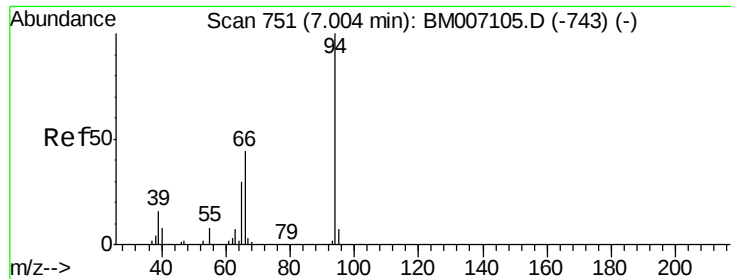
Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:38 PM

Quant Time: Aug 15 15:30:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.42 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Instrument :

BNA_M

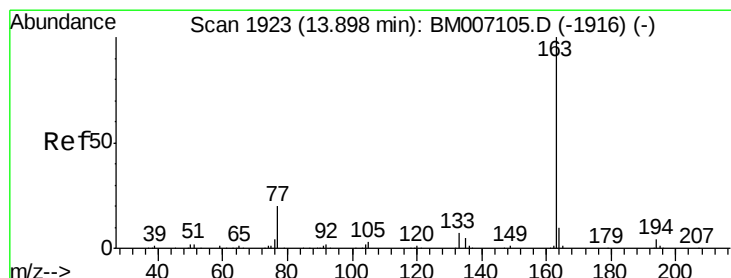
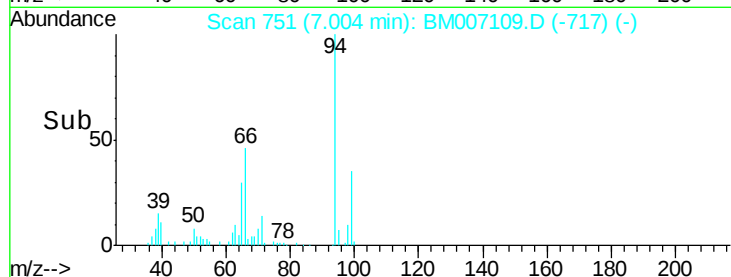
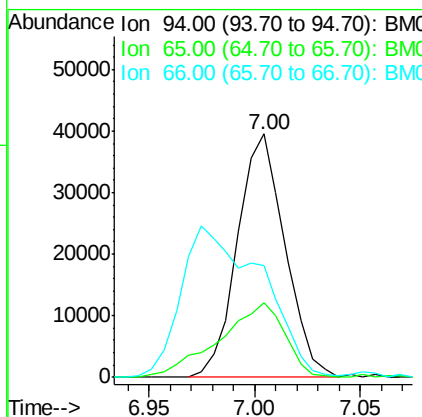
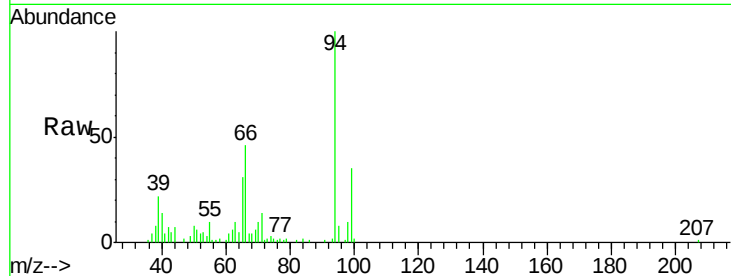
ClientSampleId :

P003-SS003-0612-01

Tgt Ion:	94	Resp:	61761
Ion Ratio	Lower	Upper	
94	100		
65	30.8	23.9	35.9
66	45.7	33.5	50.3

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:38 PM



#44

Dimethylphthalate

Concen: 32.17 ng/ul

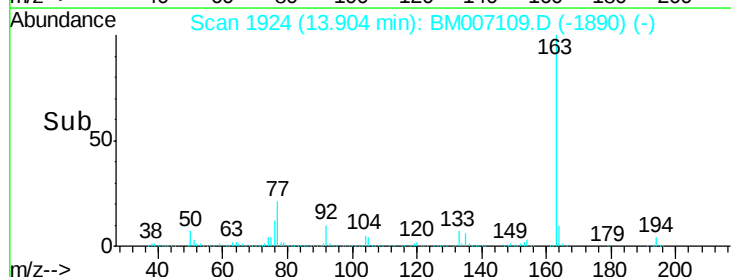
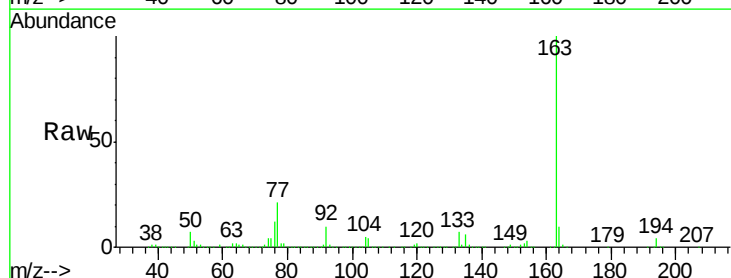
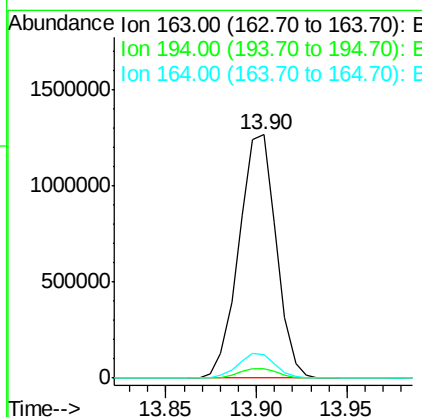
RT: 13.90 min Scan# 1924

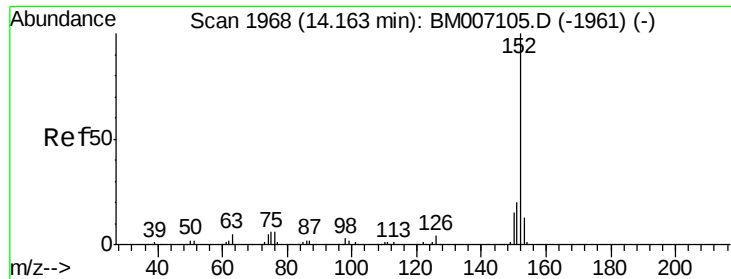
Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Tgt Ion:	163	Resp:	1803493
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	9.8	7.8	11.8





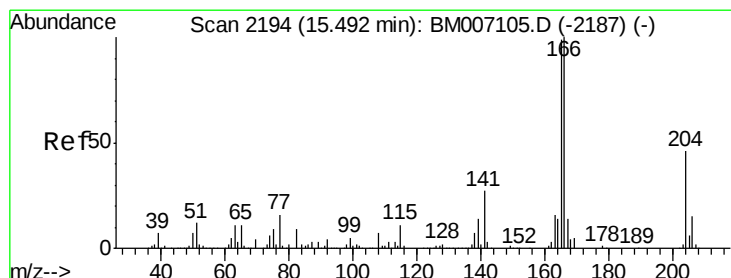
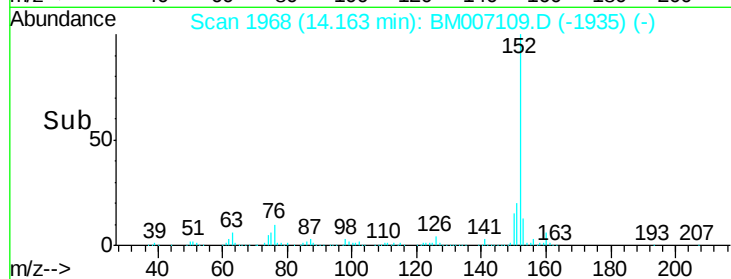
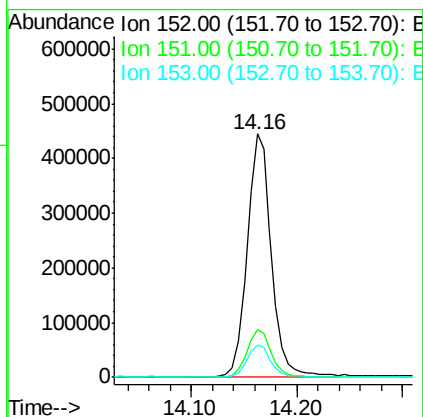
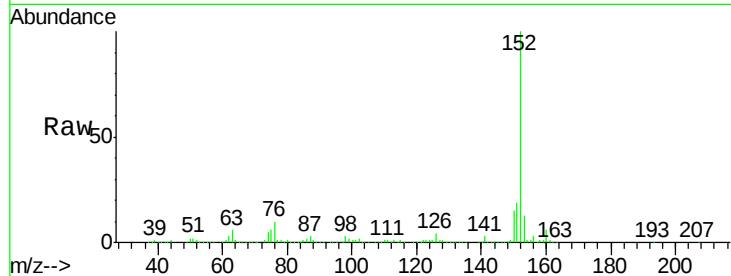
#47
Acenaphthylene
Concen: 10.13 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.5	11.0	16.6

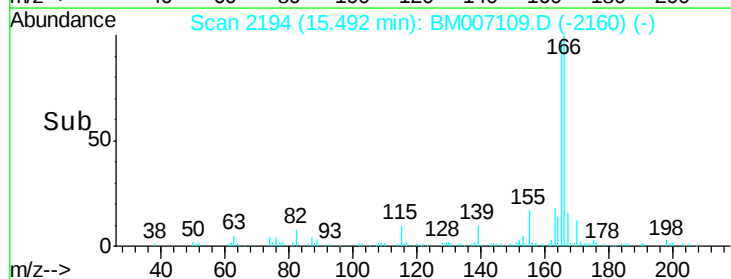
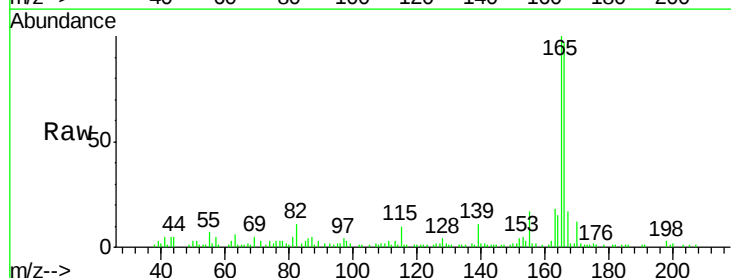
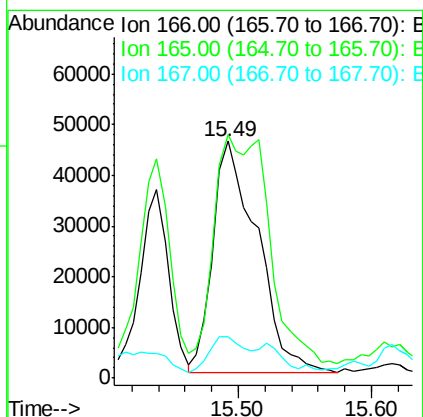
Manual Integrations
APPROVED

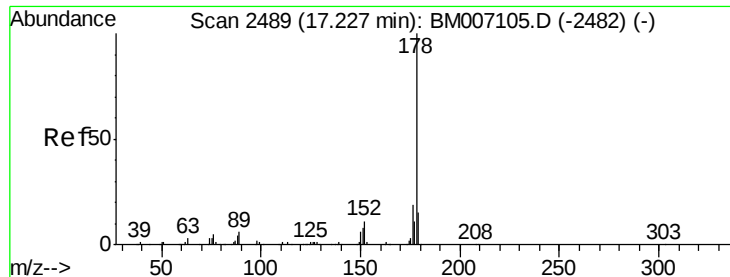
sohil
8/15/2016 6:55:38 PM



#58
Fluorene
Concen: 1.96 ng/ul m
RT: 15.49 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.9	119.9
167	17.7	10.5	15.7#





#69

Phenanthrene

Concen: 21.19 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Instrument :

BNA_M

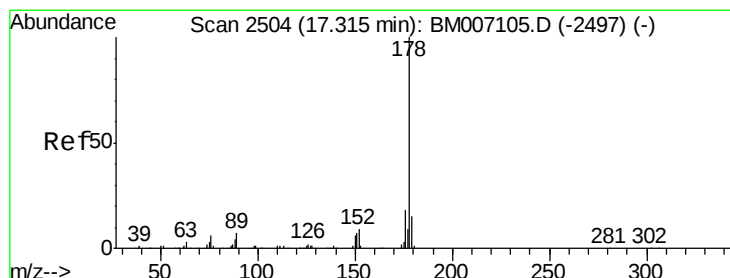
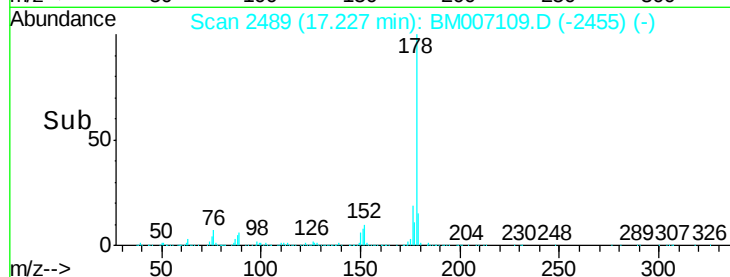
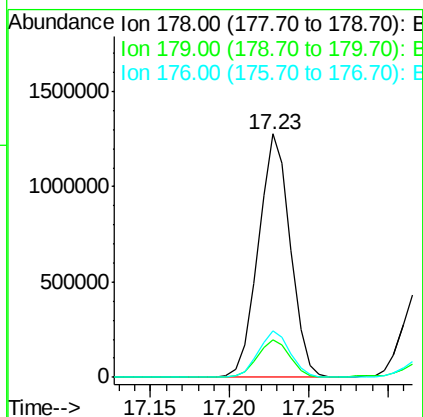
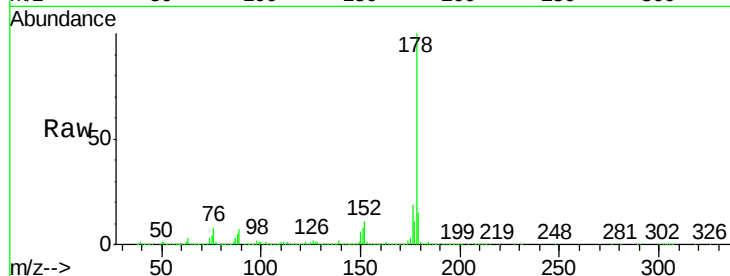
ClientSampleId :

P003-SS003-0612-01

Tgt Ion:	178	Resp:	1784870
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.9	15.1	22.7

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:38 PM



#71

Anthracene

Concen: 7.16 ng/ul

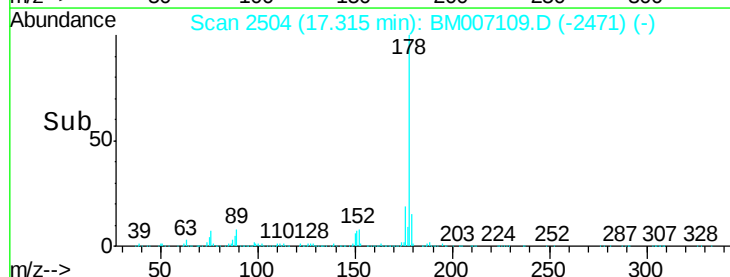
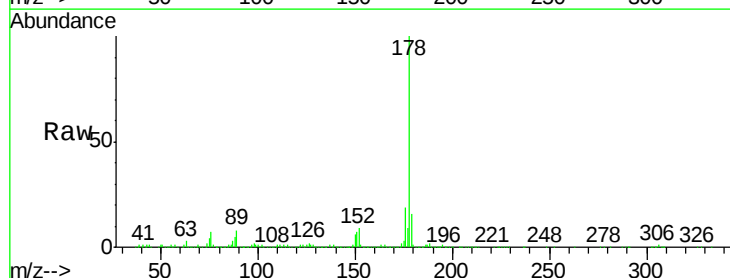
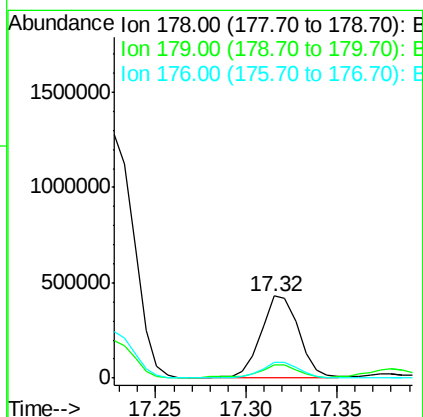
RT: 17.32 min Scan# 2504

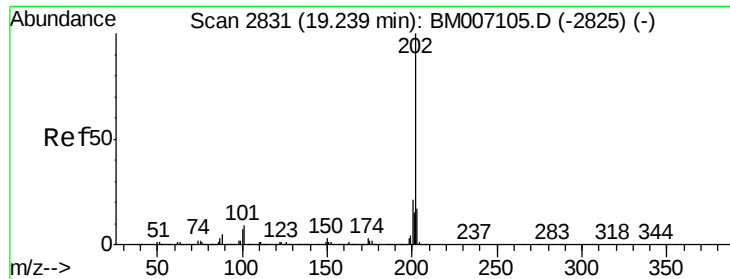
Delta R.T. -0.01 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Tgt Ion:	178	Resp:	619056
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.7	14.5	21.7





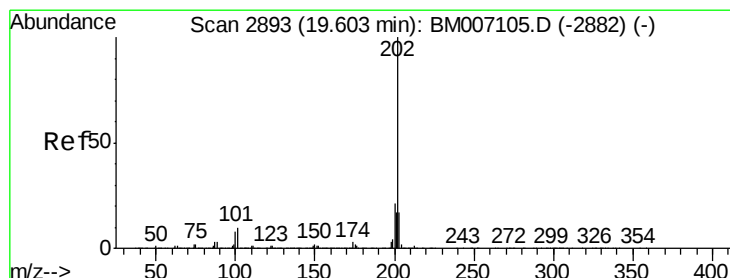
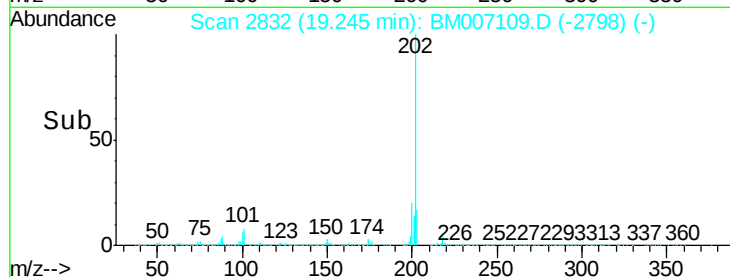
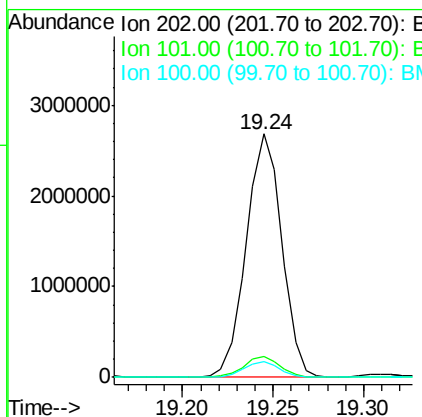
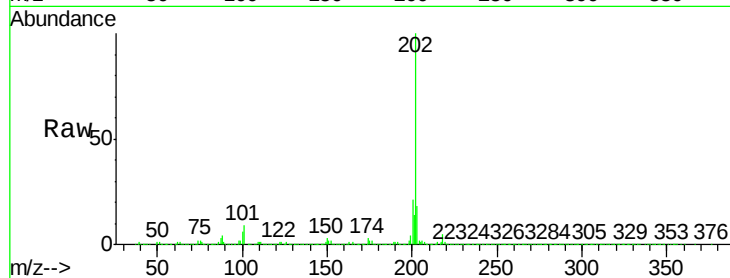
#74
Fluoranthene
Concen: 35.72 ng/ul
RT: 19.24 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	6.3	5.4	8.0

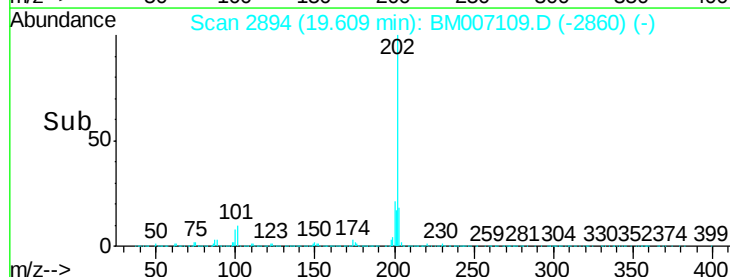
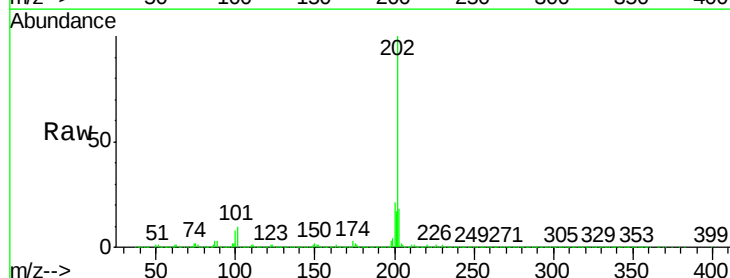
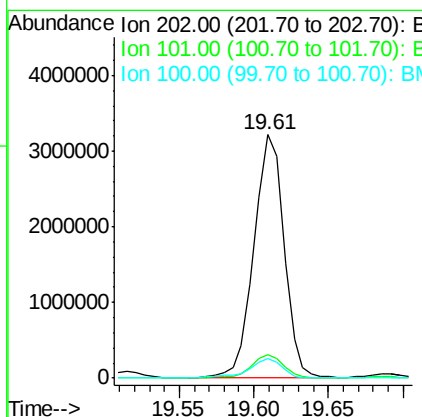
Manual Integrations
APPROVED

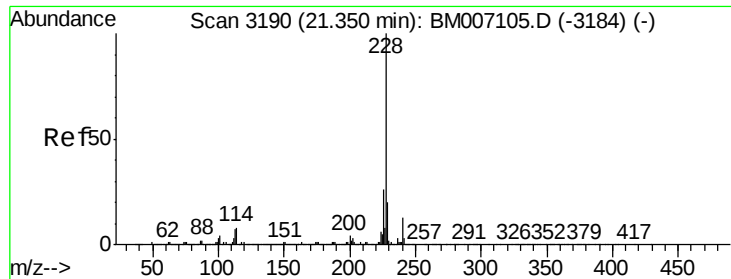
sohil
8/15/2016 6:55:38 PM



#77
Pyrene
Concen: 43.75 ng/ul
RT: 19.61 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.8	6.9	10.3





#80

Benzo(a)anthracene

Concen: 26.32 ng/ul

RT: 21.36 min Scan# 3191

Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Instrument :

BNA_M

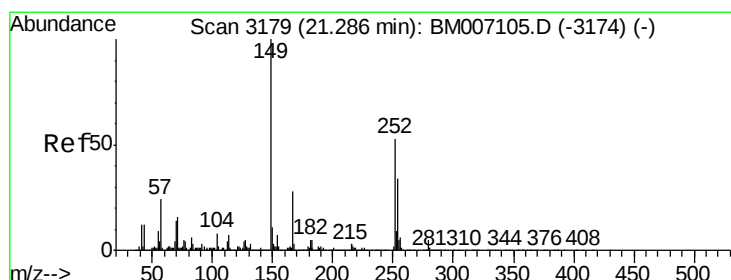
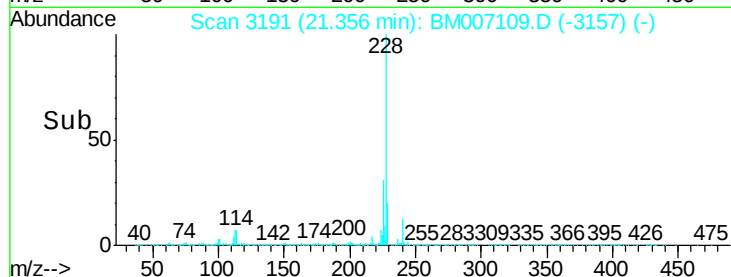
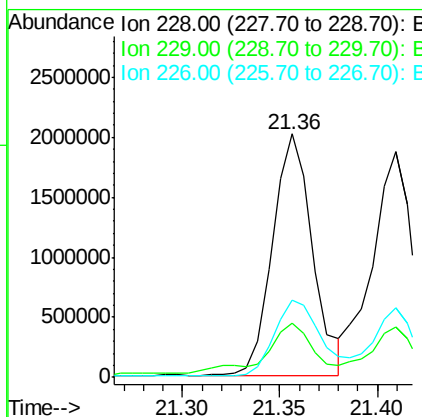
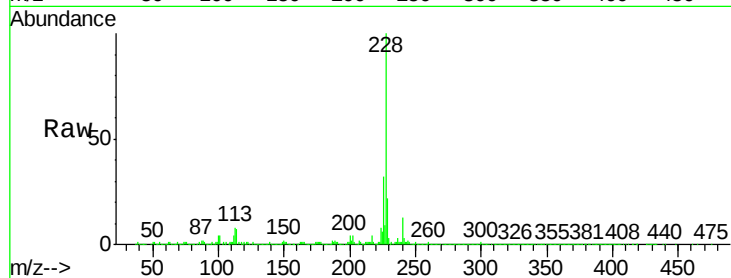
ClientSampleId :

P003-SS003-0612-01

Tgt Ion:	228	Resp:	2856143
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.6	23.4
226	31.8	21.8	32.8

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:38 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.14 ng/ul

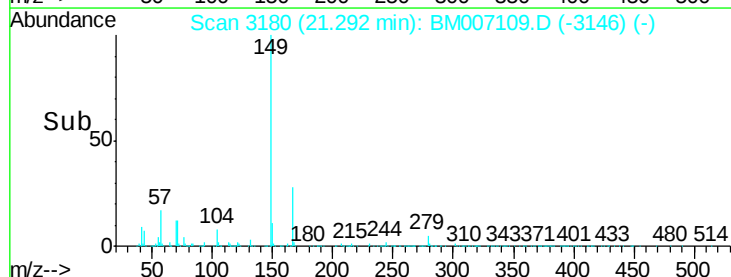
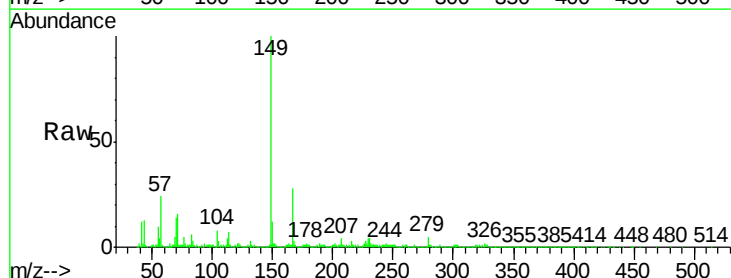
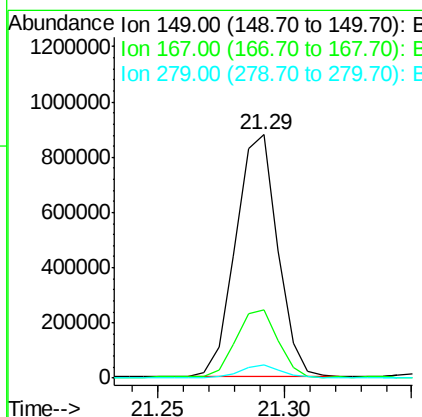
RT: 21.29 min Scan# 3180

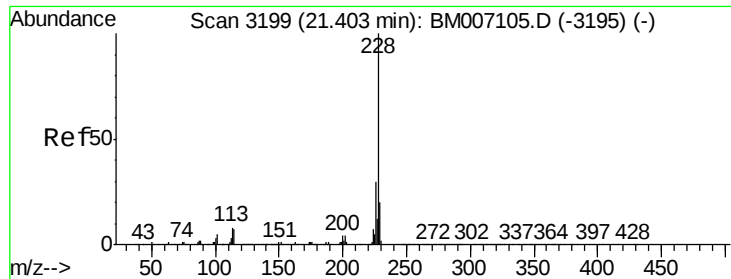
Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Tgt Ion:	149	Resp:	1001633
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.2	34.8
279	5.4	4.1	6.1





#82

Chrysene

Concen: 27.02 ng/ul

RT: 21.41 min Scan# 3200

Delta R.T. -0.00 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

P003-SS003-0612-01

Tgt Ion:228 Resp: 2679495

Ion Ratio Lower Upper

228 100

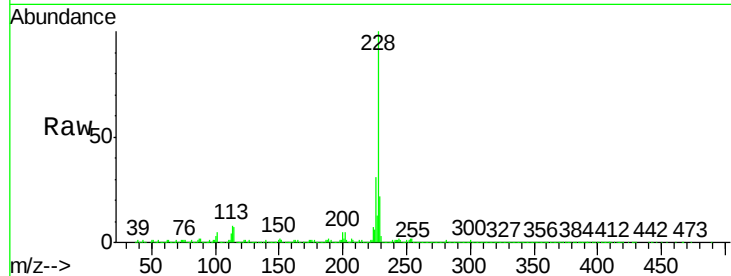
226 30.7 23.4 35.2

229 22.4 15.5 23.3

Manual Integrations
APPROVED

sohil

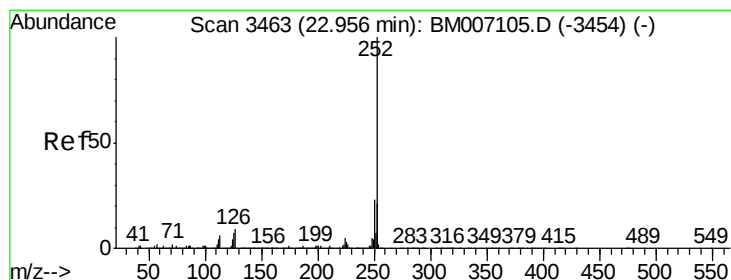
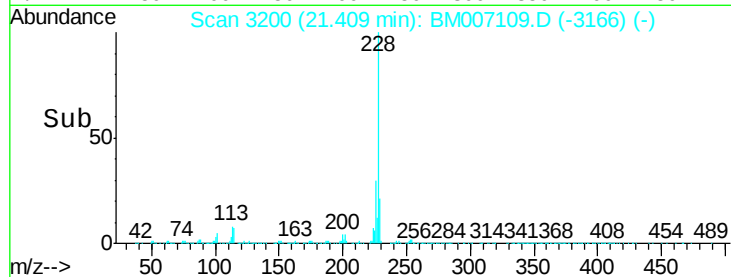
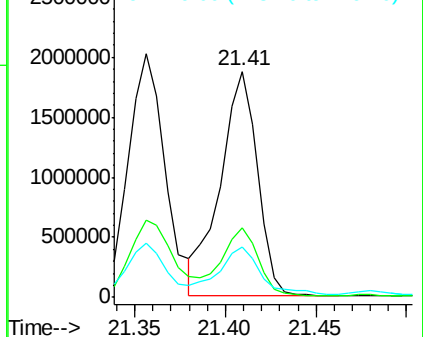
8/15/2016 6:55:38 PM



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



#85

Benzo(b)fluoranthene

Concen: 26.83 ng/ul

RT: 22.97 min Scan# 3466

Delta R.T. 0.01 min

Lab File: BM007109.D

Acq: 14 Aug 2016 15:54

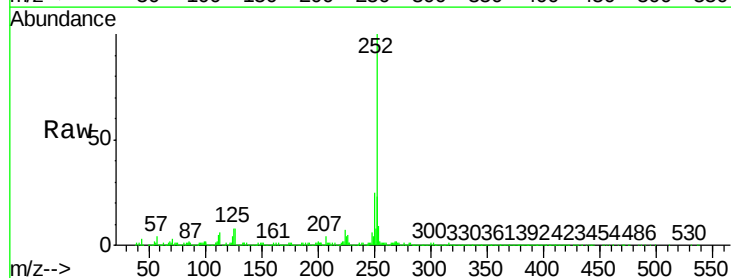
Tgt Ion:252 Resp: 3277603

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

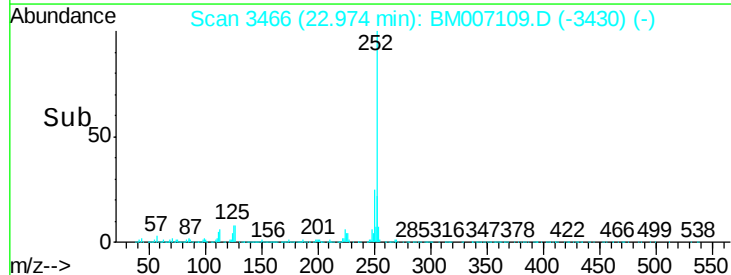
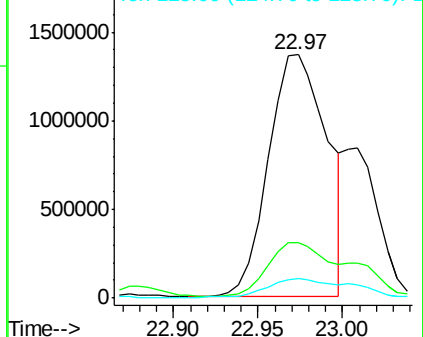
125 8.1 5.8 8.8

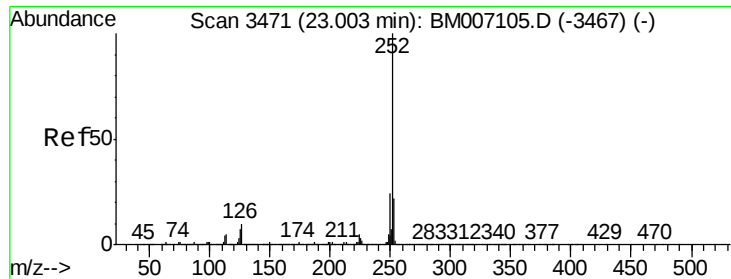


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





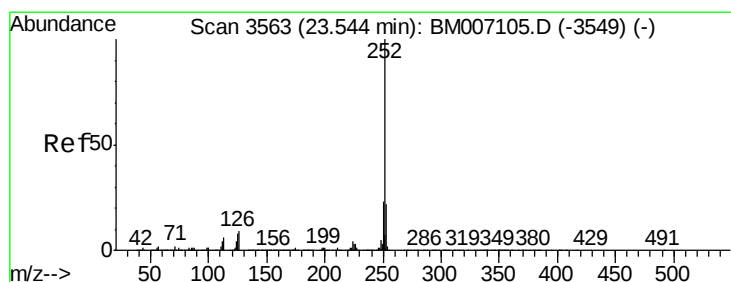
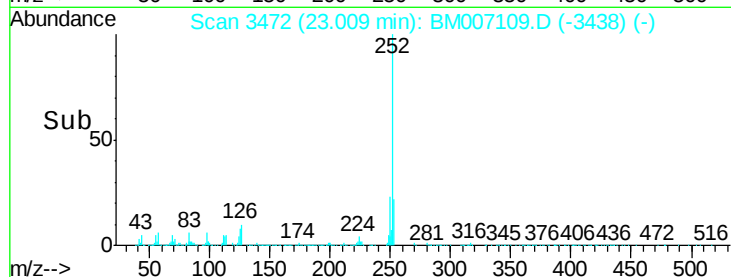
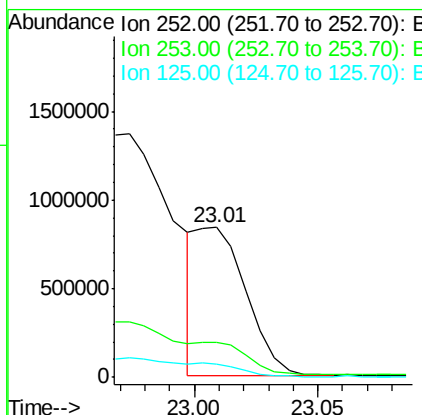
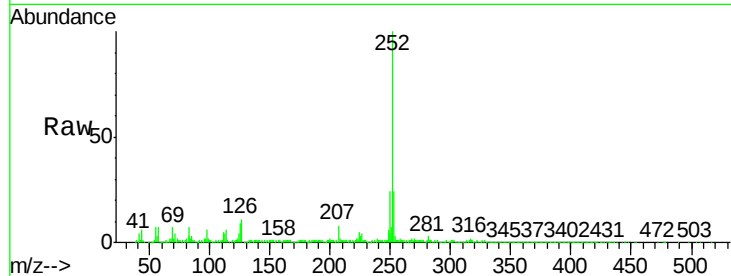
#86
Benzo(k)fluoranthene
Concen: 10.06 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	9.0	5.7	8.5

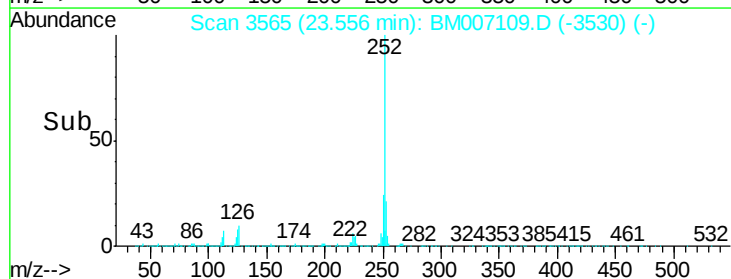
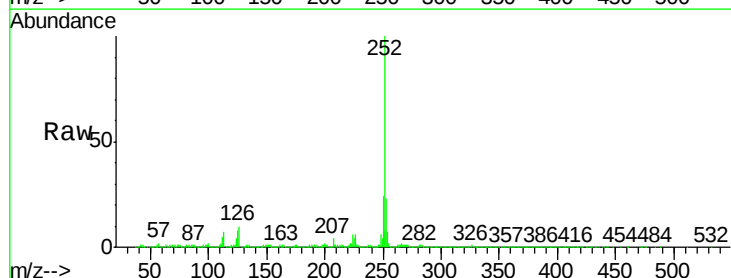
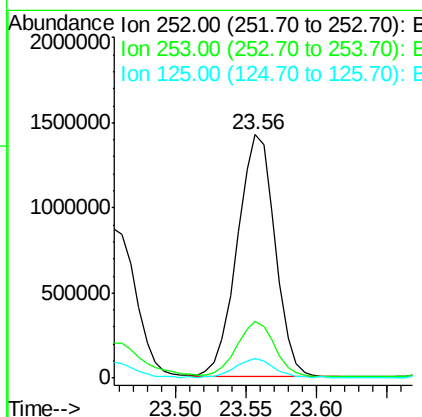
Manual Integrations
APPROVED

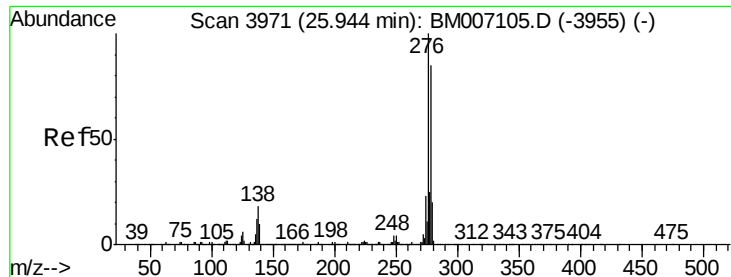
sohil
8/15/2016 6:55:38 PM



#88
Benzo(a)pyrene
Concen: 23.03 ng/ul
RT: 23.56 min Scan# 3565
Delta R.T. 0.01 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	8.1	6.6	9.8





#89

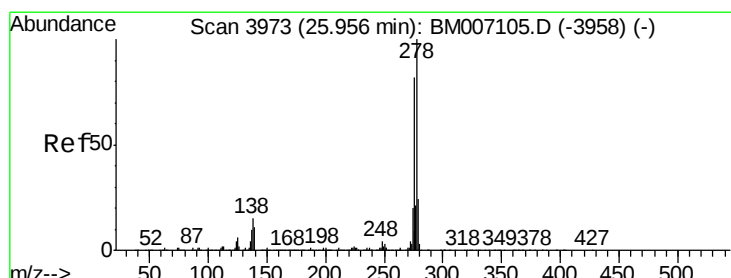
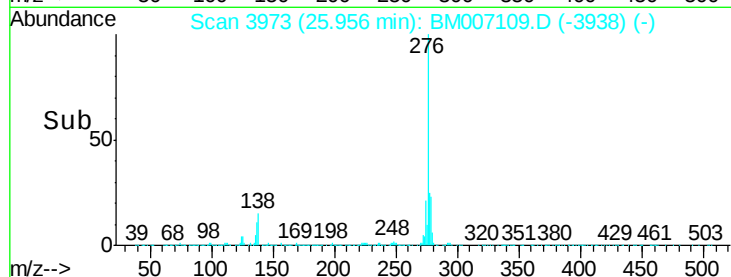
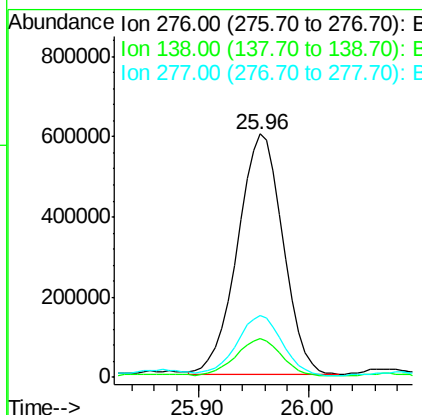
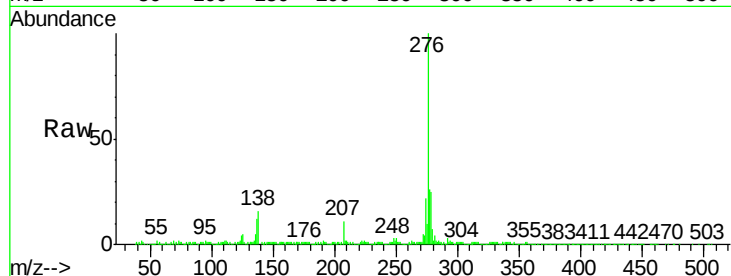
Indeno(1,2,3-cd)pyrene
Concen: 12.15 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.9	20.9
277	25.6	20.1	30.1

Manual Integrations
APPROVED

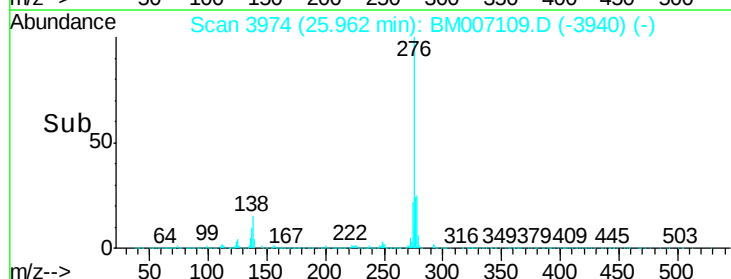
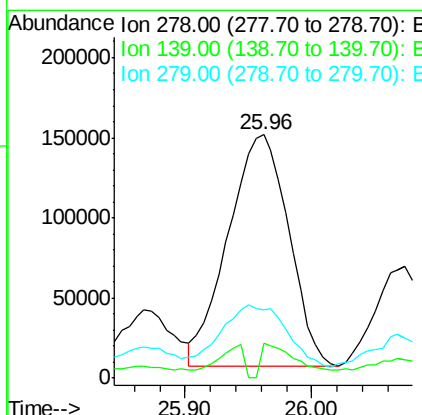
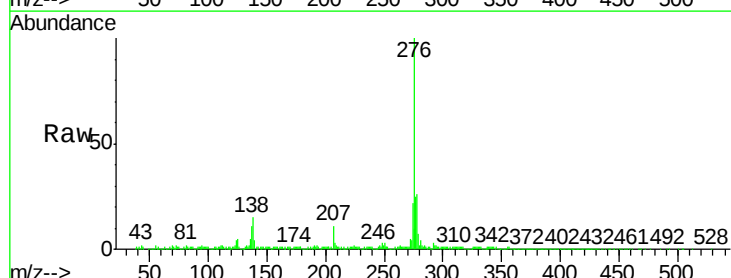
sohil
8/15/2016 6:55:38 PM

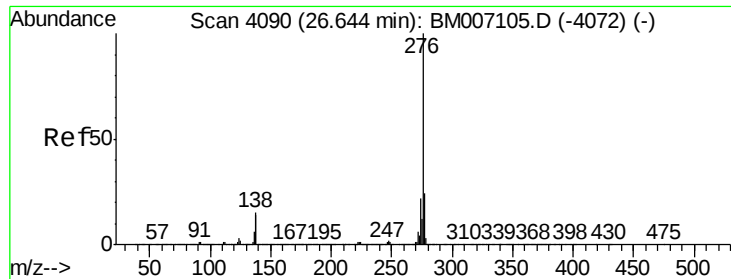


#90

Dibenzo(a,h)anthracene
Concen: 4.03 ng/ul
RT: 25.96 min Scan# 3974
Delta R.T. -0.00 min
Lab File: BM007109.D
Acq: 14 Aug 2016 15:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	9.5	14.3#
279	28.2	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 13.04 ng/ul
 RT: 26.66 min Scan# 4093
 Delta R.T. 0.01 min
 Lab File: BM007109.D
 Acq: 14 Aug 2016 15:54

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS003-0612-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.5	20.3
277	24.7	19.3	28.9

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:55:38 PM

