

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007045.D
 Acq On : 12 Aug 2016 16:01
 Operator : UM/SJ
 Sample : H4387-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0002-01

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:53:51 PM

Quant Time: Aug 12 23:15:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	373043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1505247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	779923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1596227	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1637009	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1749216	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	19620	2.30	ng/uL	0.00
5) Phenol-d5	6.97	99	585115	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	353147	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	464275	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	473993	19.06	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	247120	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	274599	23.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	517754	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	396976	13.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1531814	23.77	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1898833	24.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	216864	18.78	ng/ul	0.00
57) Fluorene-d10	15.44	176	1310835	23.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	142752	16.18	ng/ul	0.00
70) Anthracene-d10	17.29	188	1919277	25.95	ng/ul	0.00
76) Pyrene-d10	19.58	212	2004136	29.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2116475	26.45	ng/ul	0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	13.90	163	1104317	17.15	ng/ul	100
47) Acenaphthylene	14.17	152	198014	2.48	ng/ul	99
69) Phenanthrene	17.23	178	784663	9.14	ng/ul	99
71) Anthracene	17.32	178	192282	2.18	ng/ul	99
74) Fluoranthene	19.24	202	1241493	11.92	ng/ul	98
77) Pyrene	19.61	202	1667483	18.42	ng/ul	99
80) Benzo(a)anthracene	21.36	228	788265m	8.15	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.29	149	53998	1.04	ng/ul#	97
82) Chrysene	21.40	228	876341	9.91	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	924468m	8.77	ng/ul	
86) Benzo(k)fluoranthene	22.99	252	348913m	3.53	ng/ul	
88) Benzo(a)pyrene	23.55	252	767662	7.69	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	515749	4.21	ng/ul	96
90) Dibenzo(a,h)anthracene	25.95	278	142115	1.38	ng/ul#	77
91) Benzo(g,h,i)perylene	26.66	276	503403	4.86	ng/ul	98

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

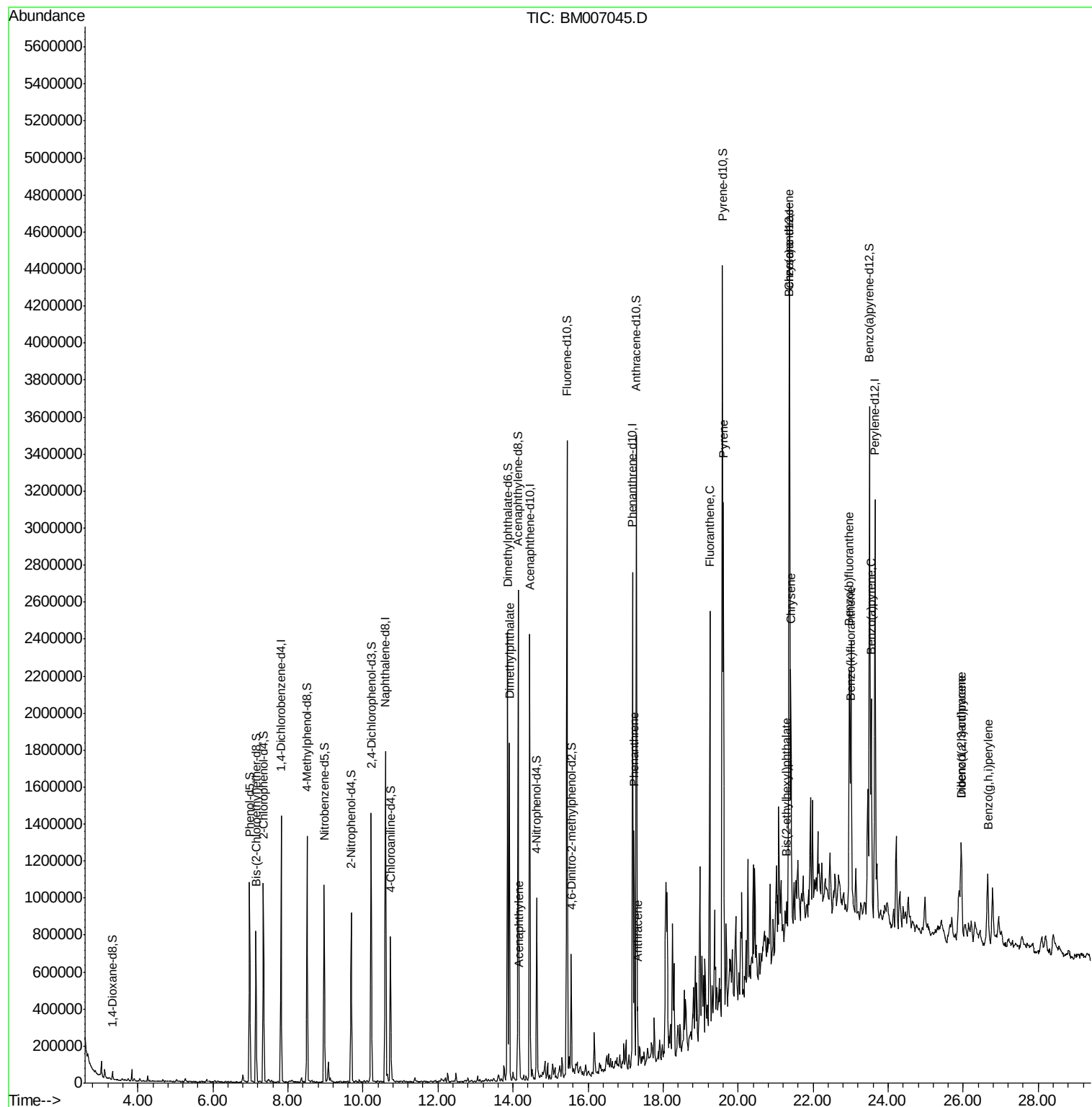
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007045.D
Acq On : 12 Aug 2016 16:01
Operator : UM/SJ
Sample : H4387-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

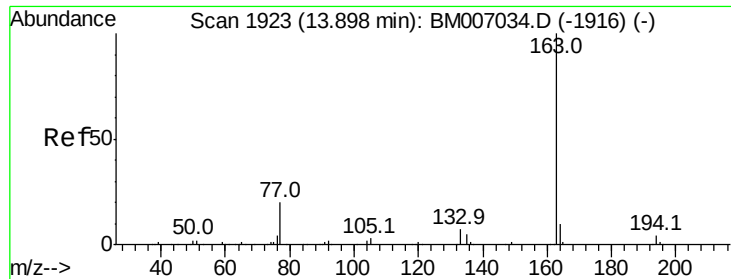
Instrument :
BNA_M
ClientSampleId :
P003-SS002-0002-01

Manual Integrations
APPROVED

sohil
8/15/2016 6:53:51 PM

Quant Time: Aug 12 23:15:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 23:03:04 2016
Response via : Initial Calibration





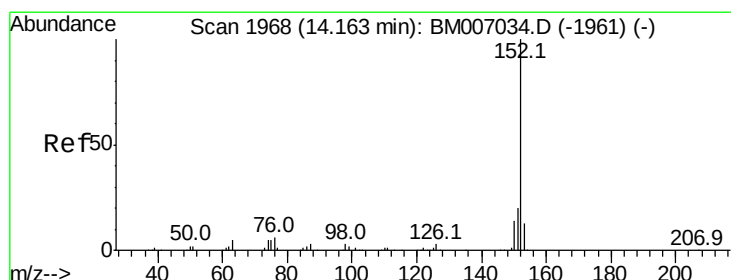
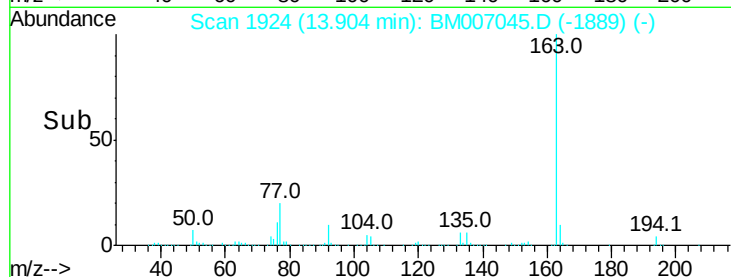
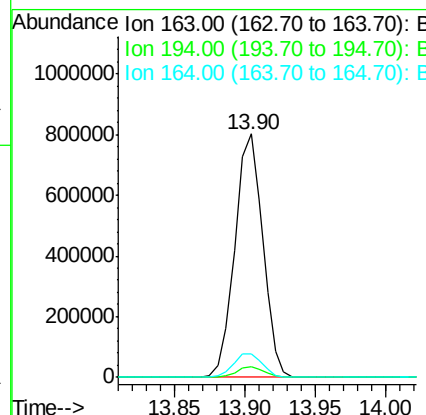
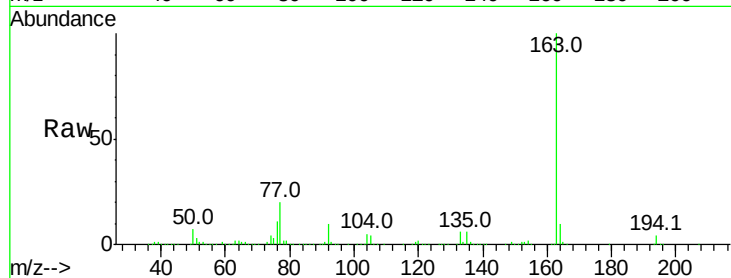
#44
Dimethylphthalate
Concen: 17.15 ng/ul
RT: 13.90 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0002-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.7	7.8	11.8

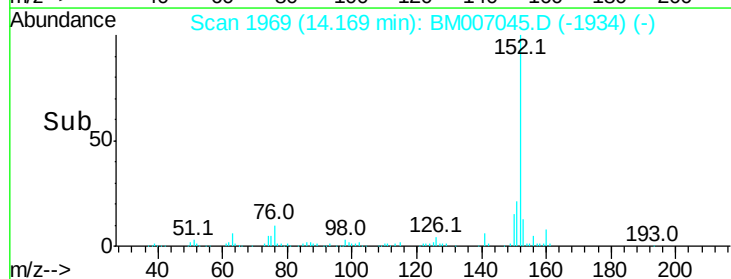
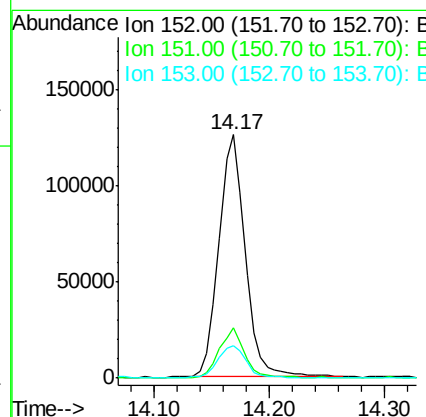
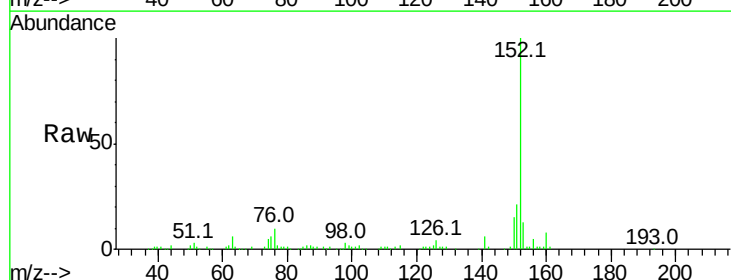
Manual Integrations
APPROVED

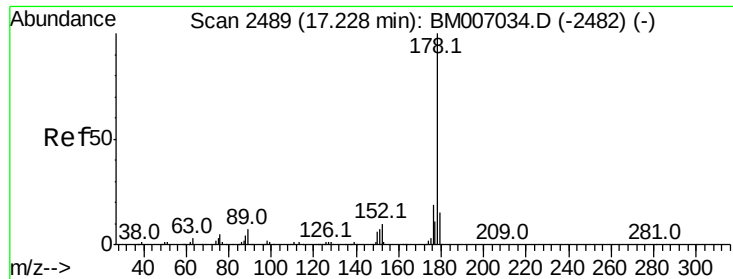
sohil
8/15/2016 6:53:51 PM



#47
Acenaphthylene
Concen: 2.48 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	13.3	11.0	16.6





#69

Phenanthrene

Concen: 9.14 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

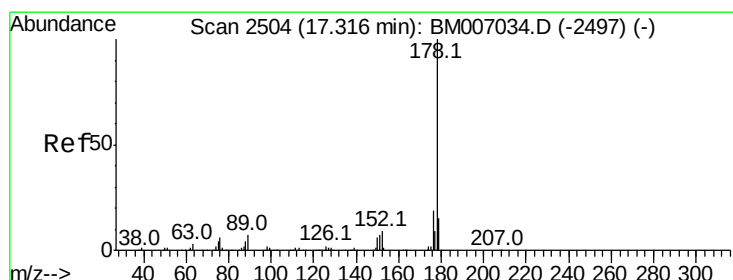
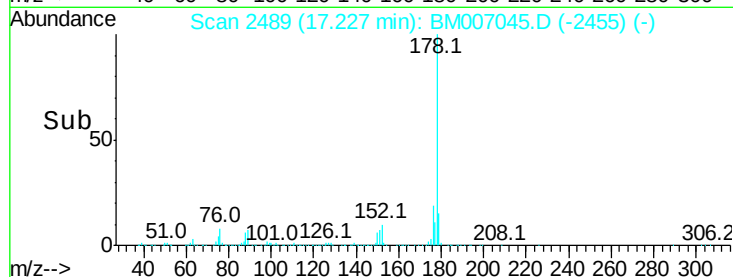
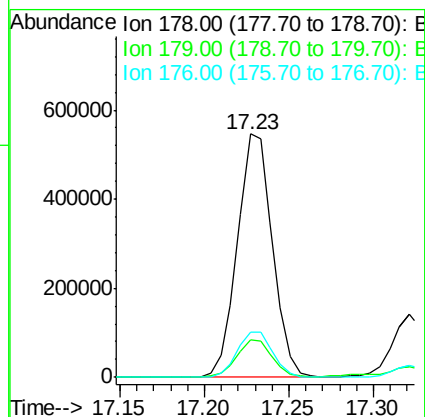
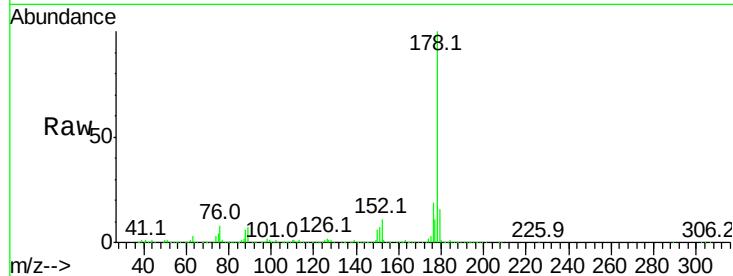
ClientSampleId :

P003-SS002-0002-01

Tot Ion:	178	Resp:	784663
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	18.8	15.1	22.7

Manual Integrations
APPROVED

sohil
8/15/2016 6:53:51 PM



#71

Anthracene

Concen: 2.18 ng/ul

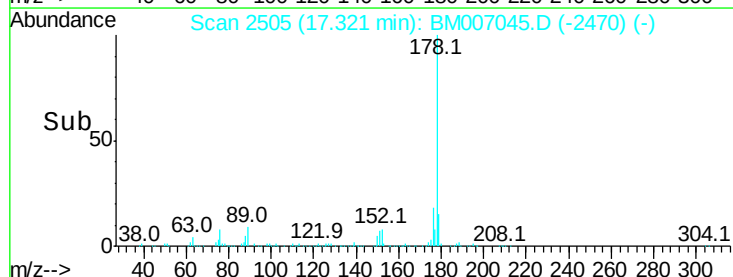
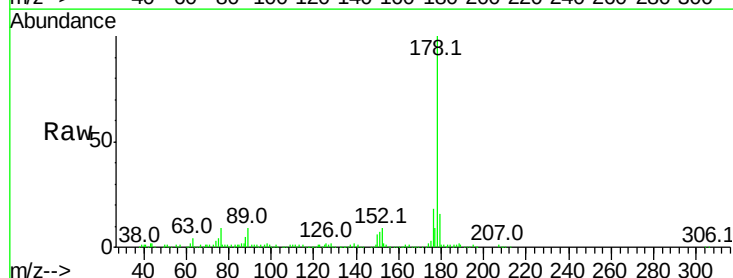
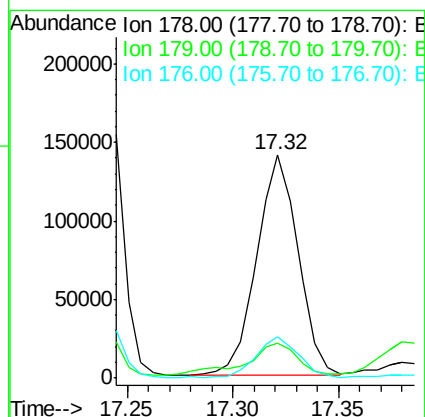
RT: 17.32 min Scan# 2505

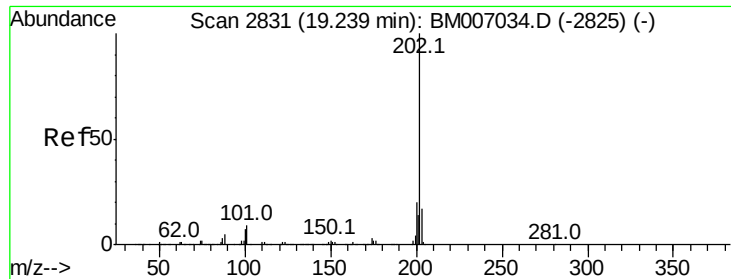
Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Tgt Ion:	178	Resp:	192282
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	18.3	14.5	21.7





#74

Fluoranthene

Concen: 11.92 ng/ul

RT: 19.24 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Instrument :

BNA_M

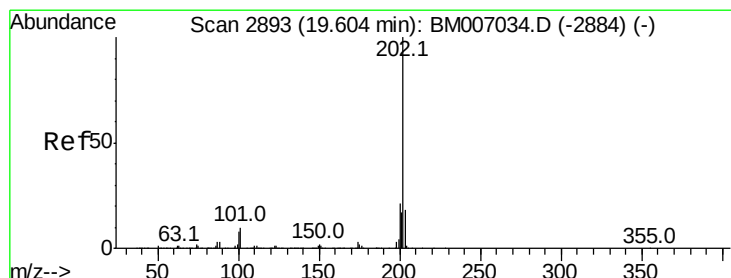
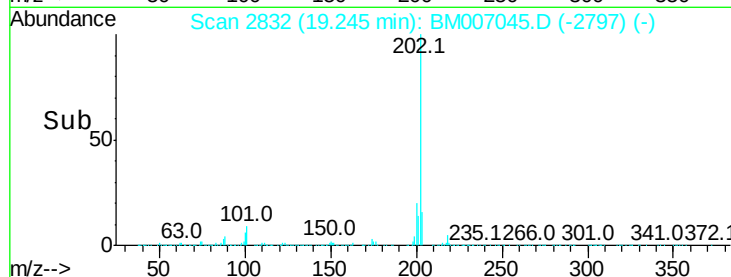
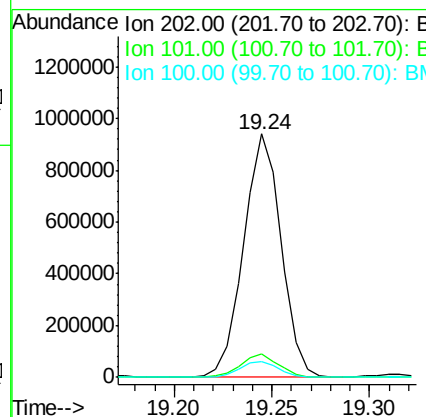
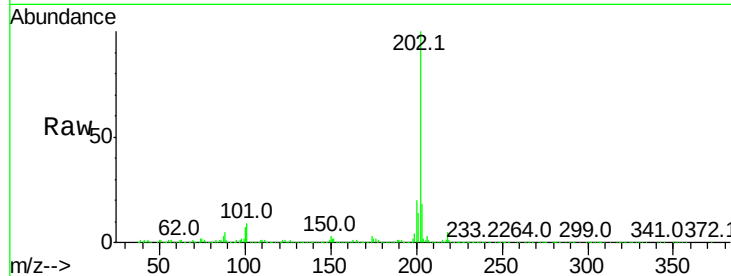
ClientSampleId :

P003-SS002-0002-01

Tot Ion:	202	Resp:	1241493
Ion Ratio	Lower	Upper	
202	100		
101	9.5	6.9	10.3
100	6.6	5.4	8.0

Manual Integrations
APPROVED

sohil
8/15/2016 6:53:51 PM



#77

Pyrene

Concen: 18.42 ng/ul

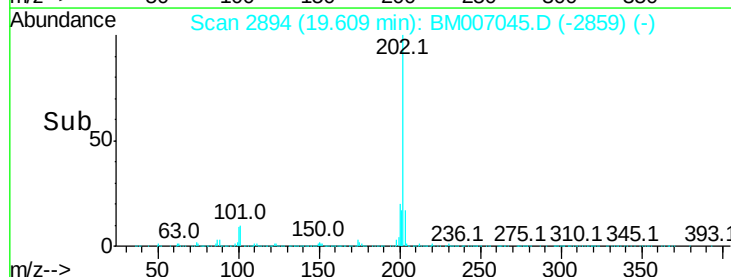
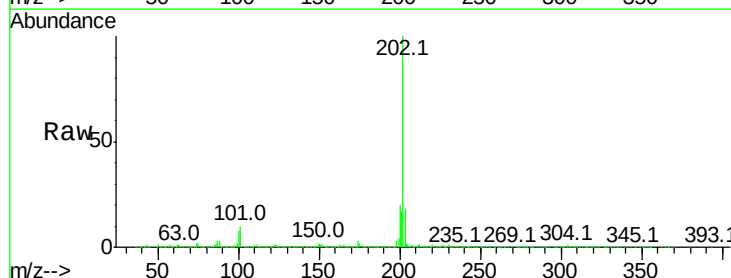
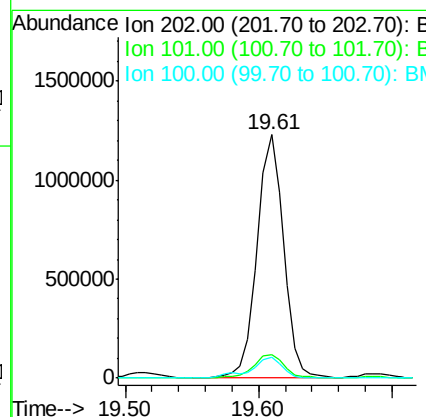
RT: 19.61 min Scan# 2894

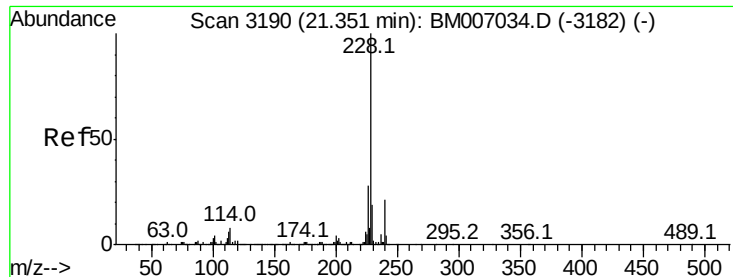
Delta R.T. 0.01 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Tgt Ion:	202	Resp:	1667483
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.4	12.6
100	8.5	6.9	10.3





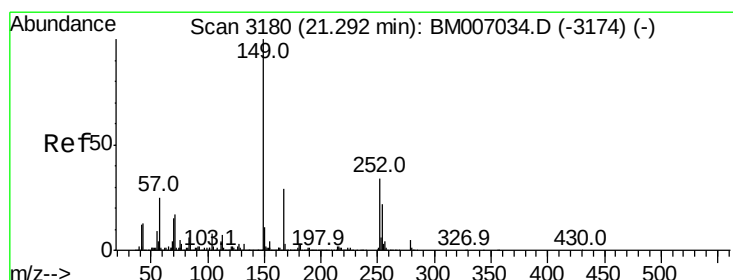
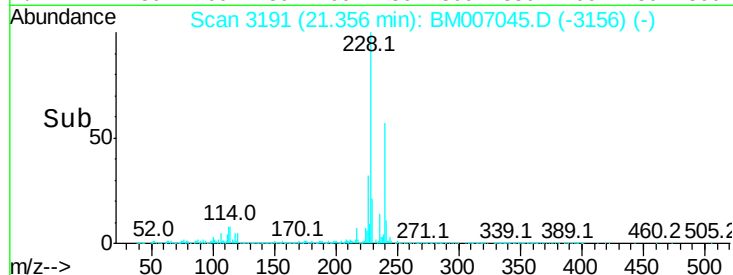
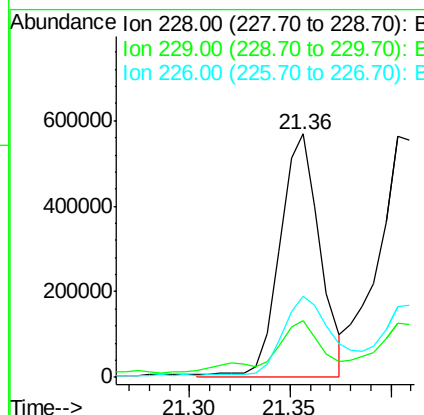
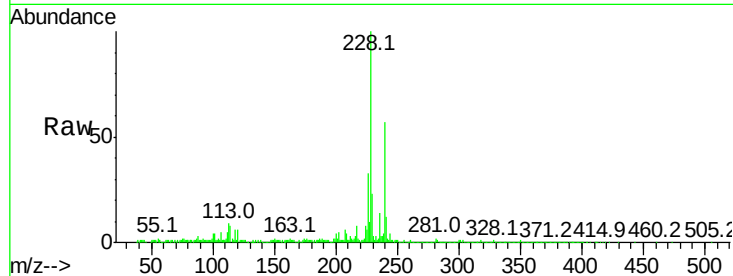
#80
 Benzo(a)anthracene
 Concen: 8.15 ng/ul m
 RT: 21.36 min Scan# 3191
 Delta R.T. 0.01 min
 Lab File: BM007045.D
 Acq: 12 Aug 2016 16:01

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0002-01

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
229	23.5	15.6	23.4#	
226	33.3	21.8	32.8#	

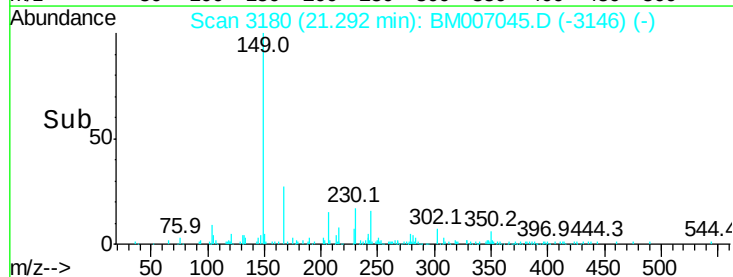
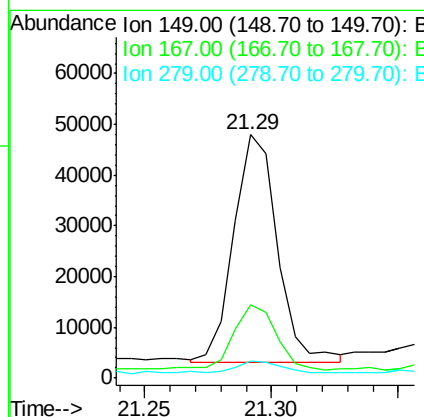
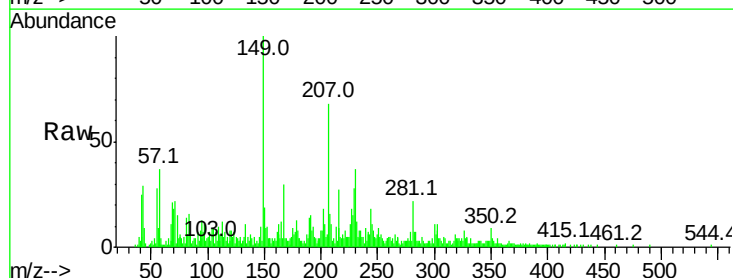
Manual Integrations
 APPROVED

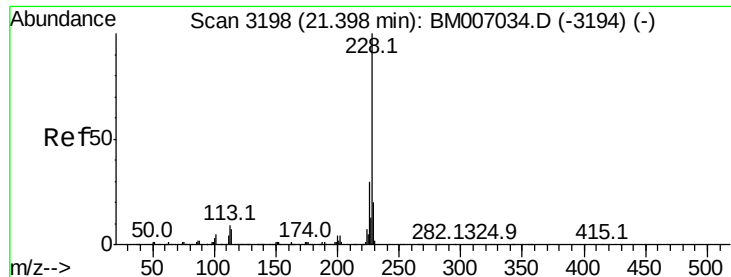
sohil
 8/15/2016 6:53:51 PM



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.04 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BM007045.D
 Acq: 12 Aug 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.2	23.2	34.8	
279	6.8	4.1	6.1#	





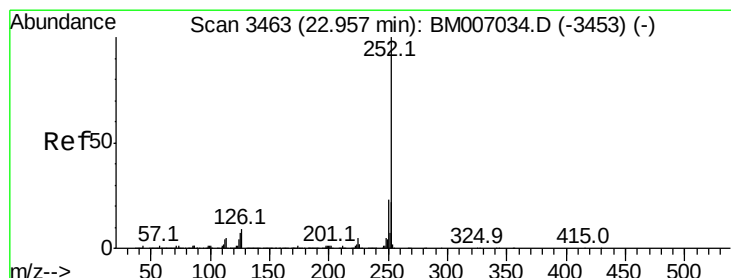
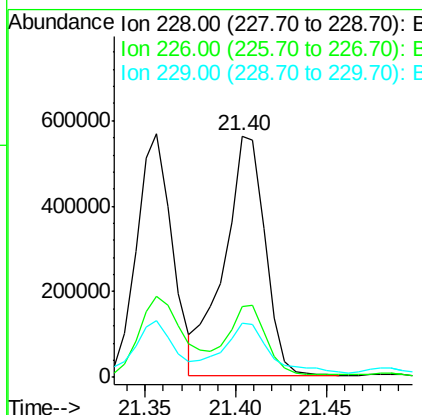
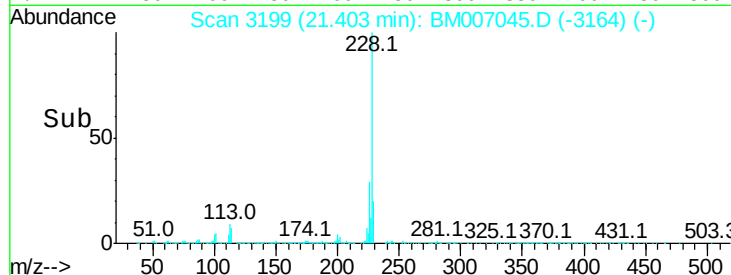
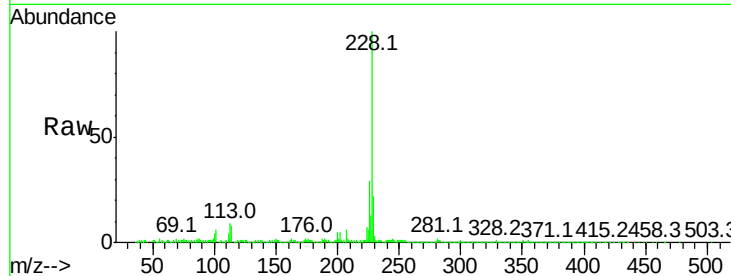
#82
Chrysene
Concen: 9.91 ng/ul
RT: 21.40 min Scan# 3199
Delta R.T. 0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0002-01

Tot Ion	Ratio	Resp	Lower	Upper
228	100	876341		
226	29.5		23.4	35.2
229	22.5		15.5	23.3

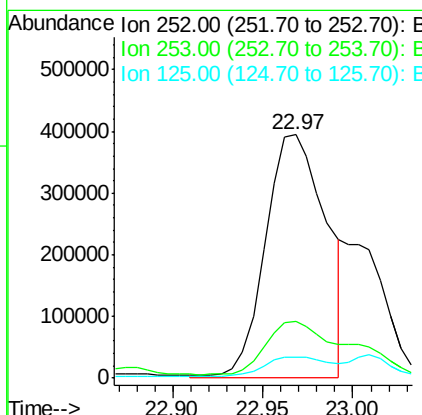
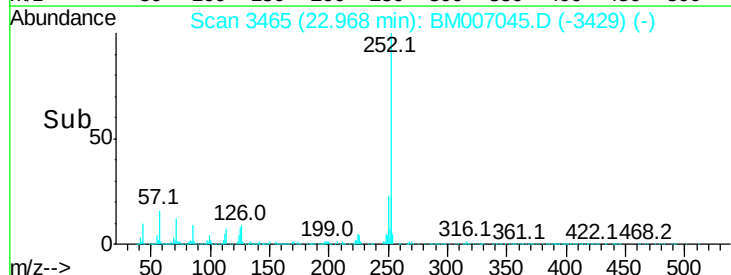
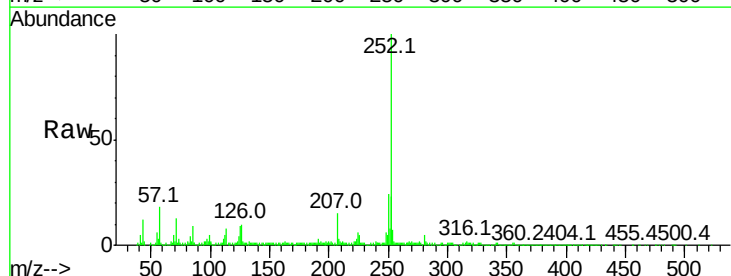
Manual Integrations
APPROVED

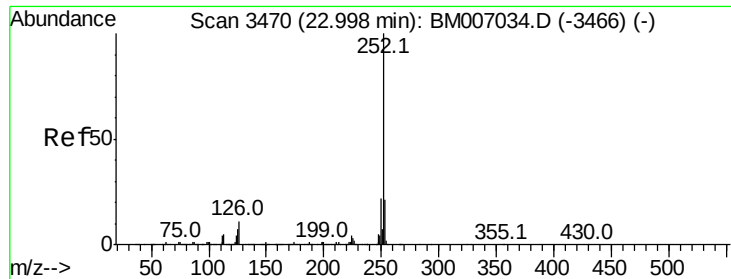
sohil
8/15/2016 6:53:51 PM



#85
Benzo(b)fluoranthene
Concen: 8.77 ng/ul m
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	924468		
253	23.2		17.1	25.7
125	8.7		5.8	8.8





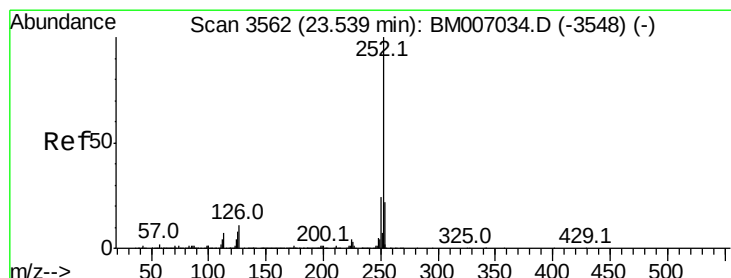
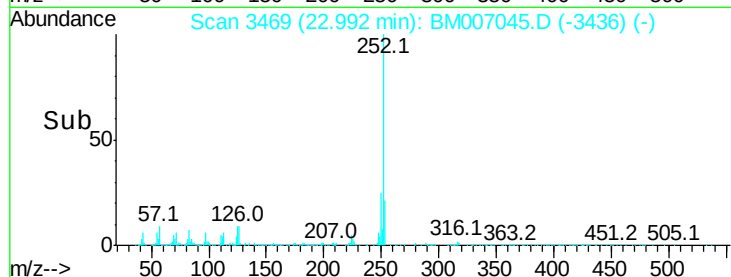
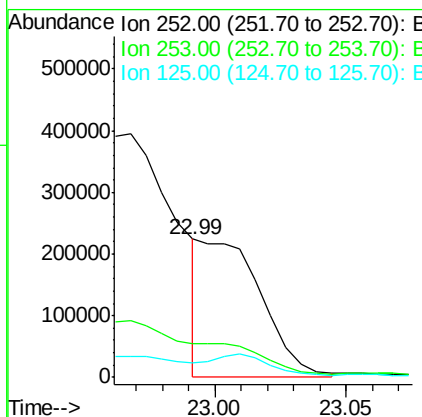
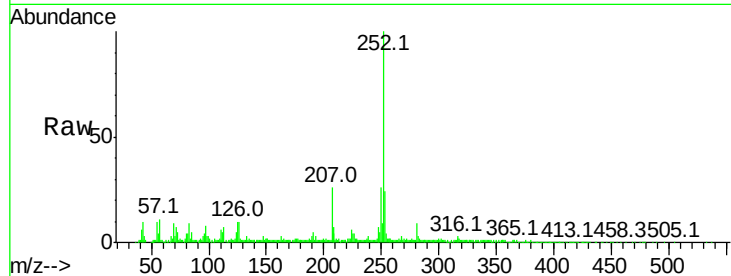
#86
Benzo(k)fluoranthene
Concen: 3.53 ng/ul m
RT: 22.99 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0002-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	10.4	5.7	8.5#

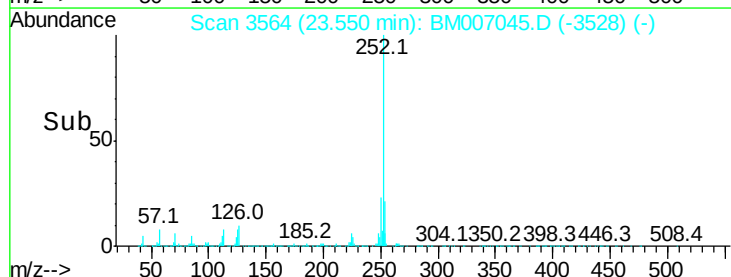
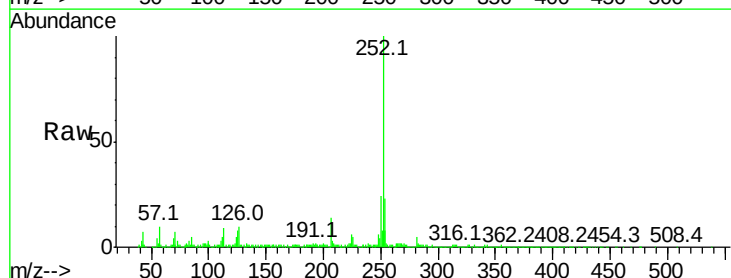
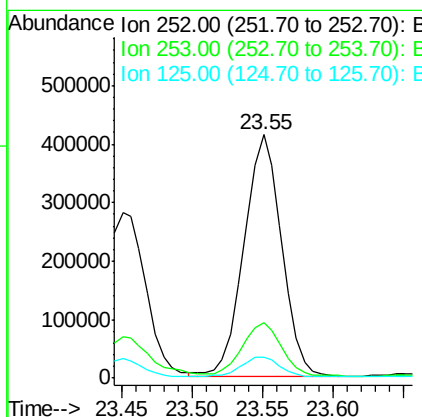
Manual Integrations
APPROVED

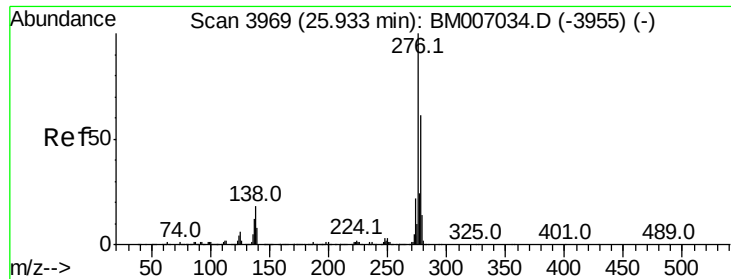
sohil
8/15/2016 6:53:51 PM



#88
Benzo(a)pyrene
Concen: 7.69 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. 0.01 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.4	6.6	9.8





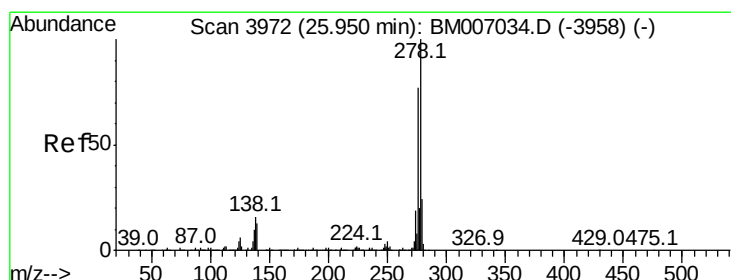
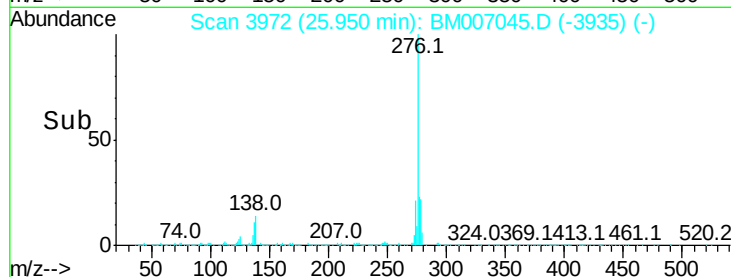
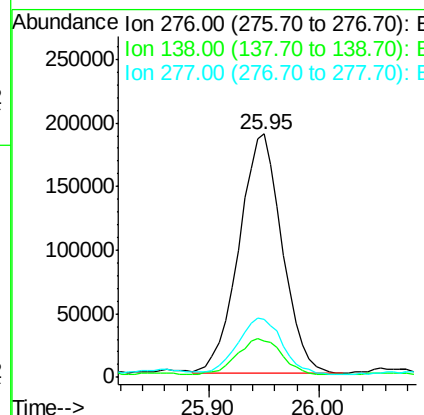
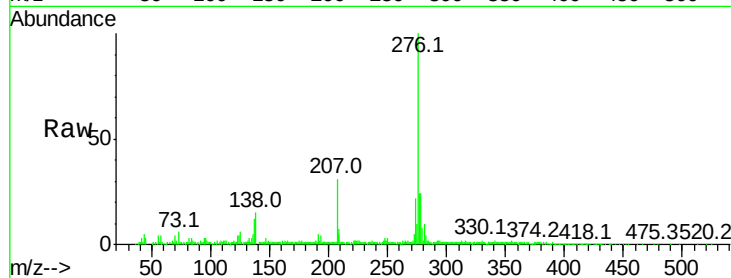
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.21 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. 0.02 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0002-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.9	20.9
277	24.0	20.1	30.1

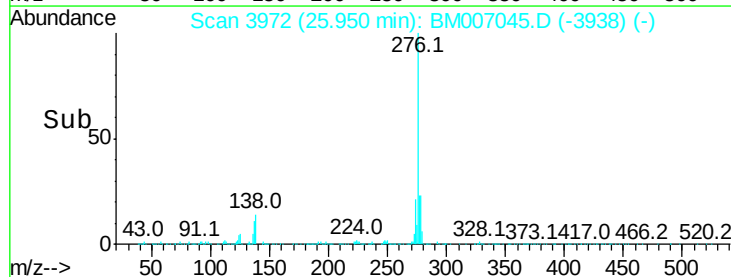
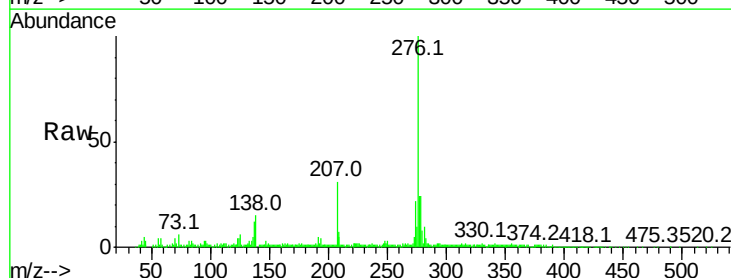
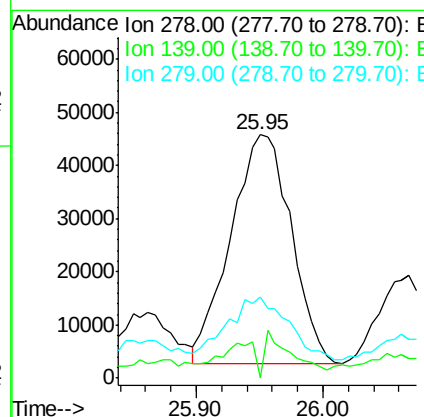
Manual Integrations
APPROVED

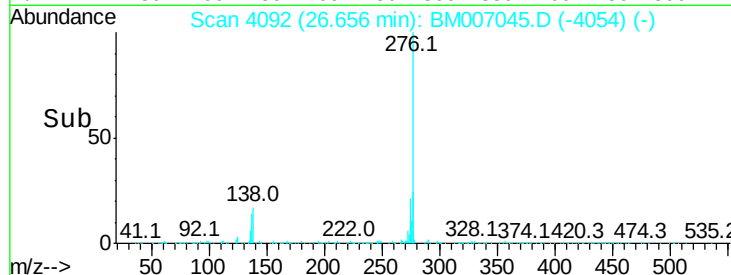
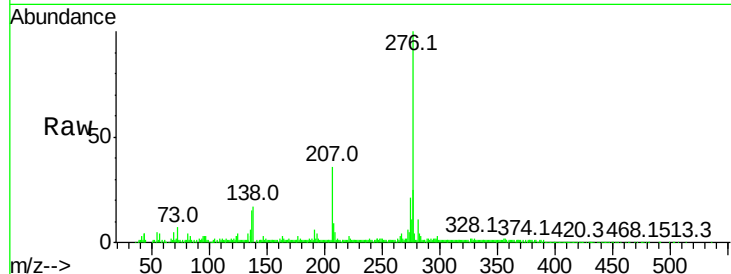
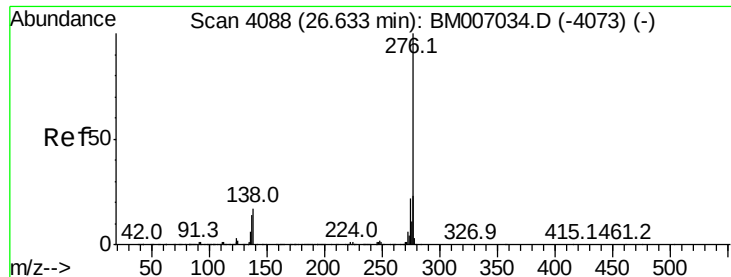
sohil
8/15/2016 6:53:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.38 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.00 min
Lab File: BM007045.D
Acq: 12 Aug 2016 16:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.5	14.3#
279	33.5	19.1	28.7#





#91

Benzo(a,h,i)perylene

Concen: 4.86 ng/ul

RT: 26.66 min Scan# 4092

Delta R.T. 0.02 min

Lab File: BM007045.D

Acq: 12 Aug 2016 16:01

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	17.4	13.5	20.3	
277	25.0	19.3	28.9	

Instrument :

BNA_M

ClientSampleId :

P003-SS002-0002-01

Manual Integrations
APPROVED

sohil
8/15/2016 6:53:51 PM

