

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016180.D
 Acq On : 03 Aug 2018 15:18
 Operator : SJ/JU
 Sample : J4206-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ1K9

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:49:51 PM

Quant Time: Aug 04 01:52:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	50755	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	210733	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	105394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	203468	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	197717	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	208983	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3538	3.07	ng/uL	0.00
5) Phenol-d5	7.35	99	76108	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	57658	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	76938	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	66707	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	34068	22.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	33437	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	63775	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	20299	5.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	175410	18.26	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	240935	21.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	5854	3.52	ng/ul	0.03
57) Fluorene-d10	15.80	176	162610	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	6126	4.51	ng/ul	0.00
70) Anthracene-d10	17.64	188	229630	22.04	ng/ul	0.00
78) Pyrene-d10	19.91	212	246370	26.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	251861	21.91	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.27	163	19927	2.095	ng/ul#	96
69) Phenanthrene	17.59	178	76400	6.351	ng/ul	100
76) Fluoranthene	19.58	202	156293	10.352	ng/ul#	94
79) Pyrene	19.94	202	158055	13.560	ng/ul#	94
82) Benzo(a)anthracene	21.65	228	66773	5.224	ng/ul	99
84) Chrysene	21.70	228	73046	6.109	ng/ul	96
87) Benzo(b)fluoranthene	23.32	252	96156	7.173	ng/ul	98
88) Benzo(k)fluoranthene	23.35	252	32917m	2.569	ng/ul	
90) Benzo(a)pyrene	23.92	252	74144	5.752	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.43	276	54158	3.417	ng/ul#	86
93) Benzo(g,h,i)perylene	27.17	276	53064	4.188	ng/ul#	91

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

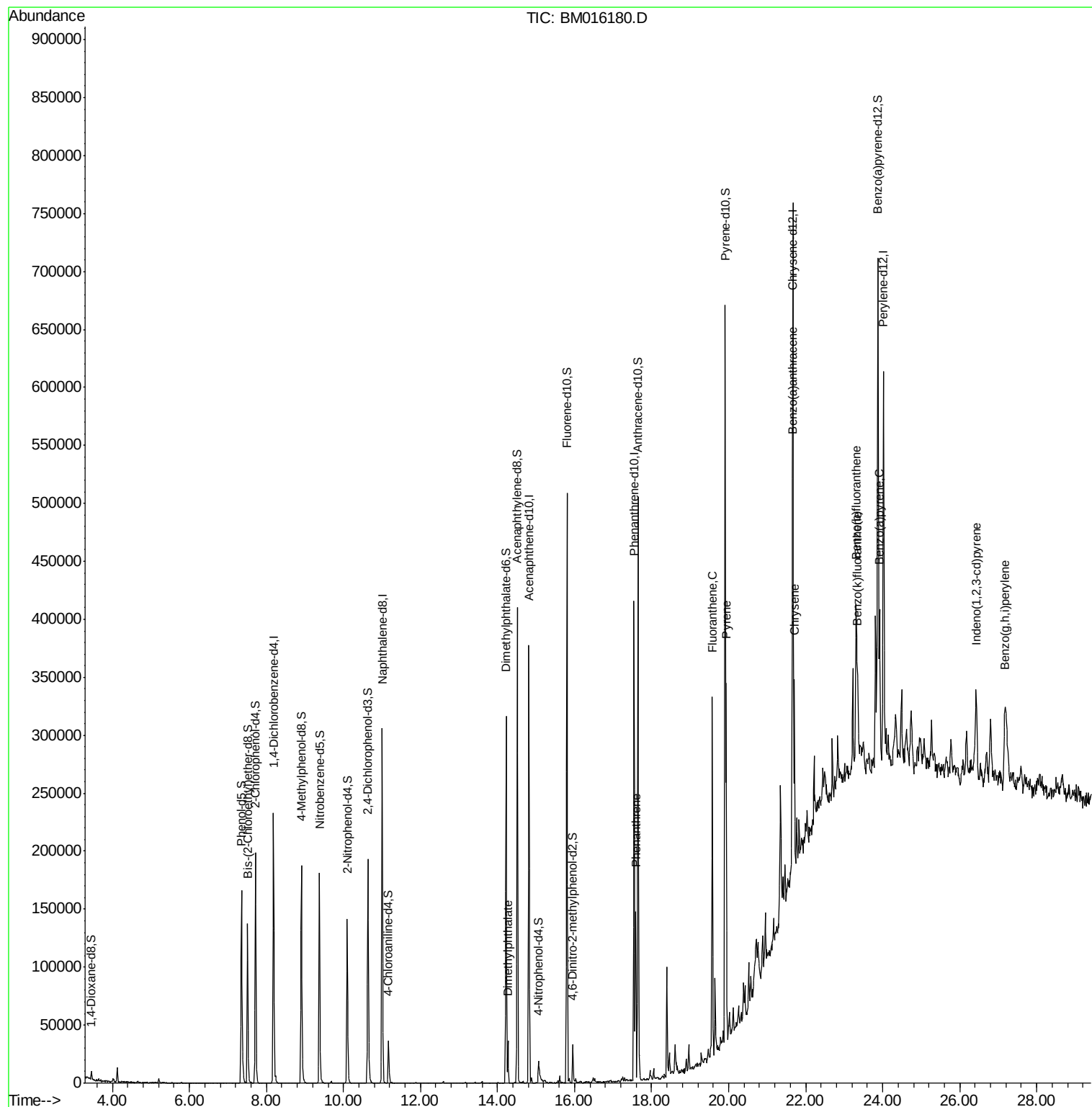
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016180.D
Acq On : 03 Aug 2018 15:18
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

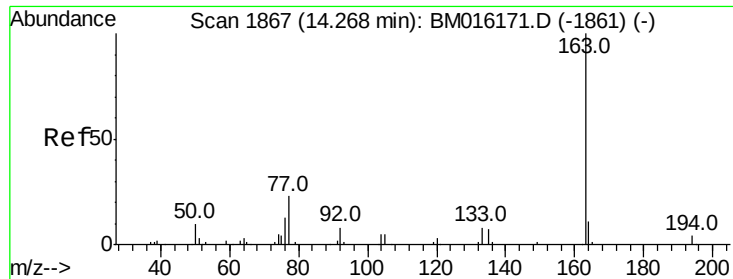
Instrument :
BNA_M
ClientSampleId :
JJ1K9

Manual Integrations
APPROVED

Sohil
8/6/2018 12:49:51 PM

Quant Time: Aug 04 01:52:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration





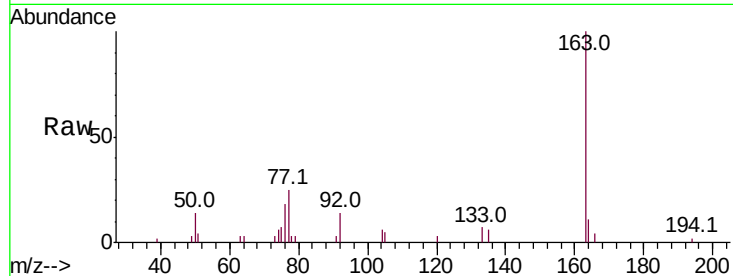
#44
Dimethylphthalate
Concen: 2.095 ng/ul
RT: 14.27 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM016180.D
Acq: 03 Aug 2018 15:18

Instrument :
BNA_M
ClientSampled :
JJ1K9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	19927		
194	2.1	3.2	4.8#	
164	10.9	7.8	11.8	

Manual Integrations
APPROVED

Sohil
8/6/2018 12:49:51 PM

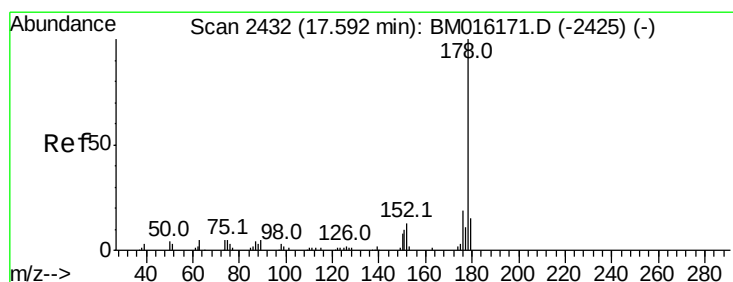
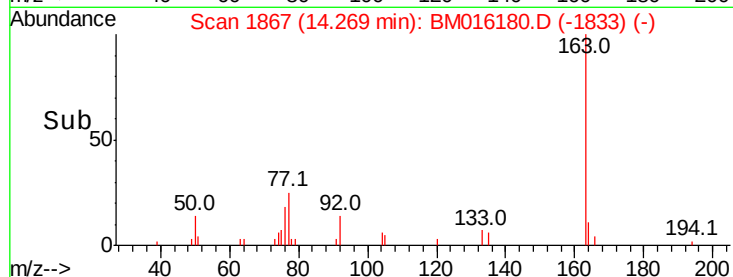
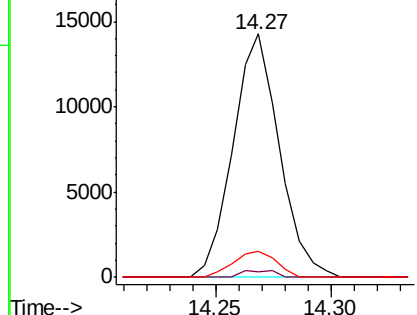


Abundance

Ion 163.00 (162.70 to 163.70): E

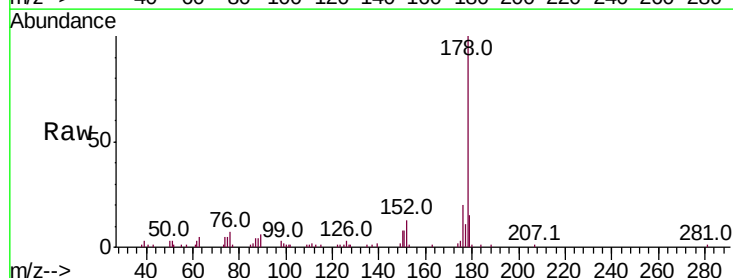
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 6.351 ng/ul
RT: 17.59 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BM016180.D
Acq: 03 Aug 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	76400		
179	15.3	12.2	18.4	
176	19.7	15.6	23.4	

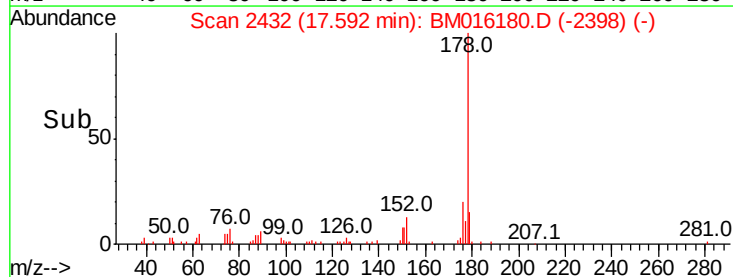
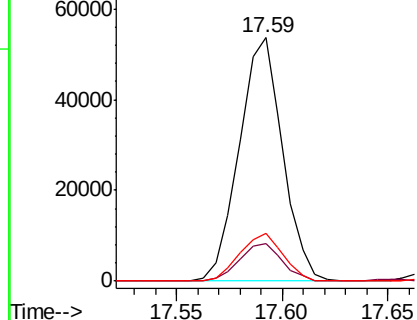


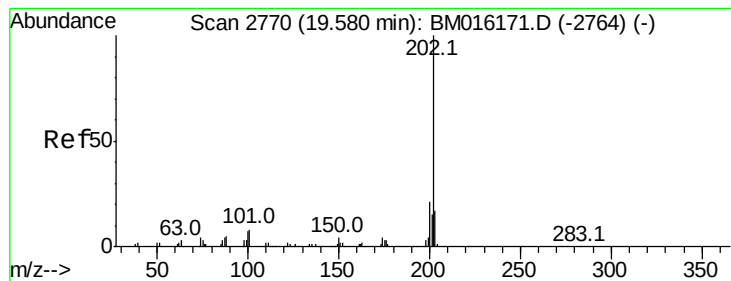
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





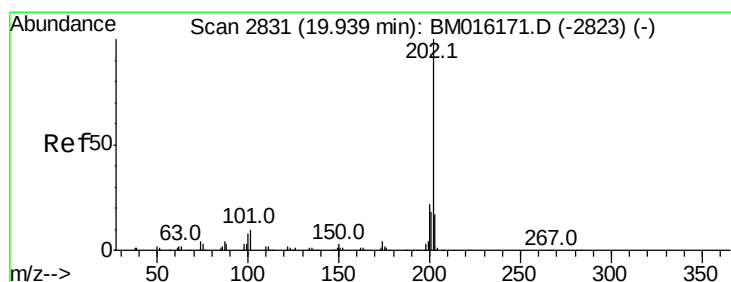
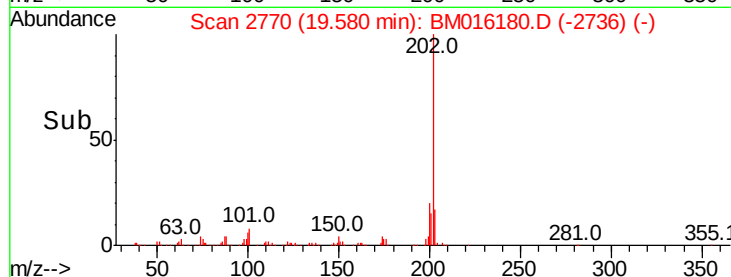
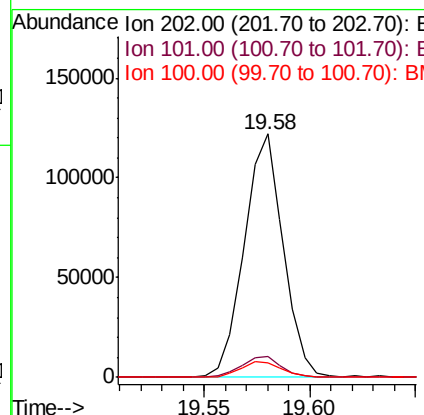
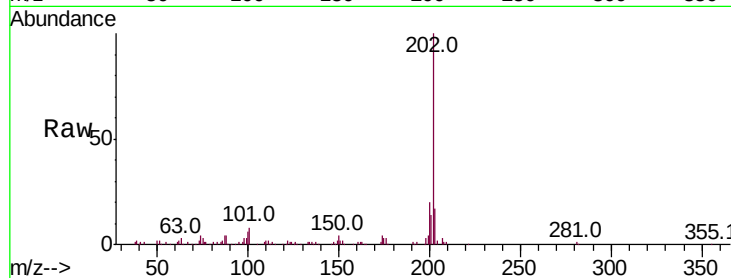
#76
 Fluoranthene
 Concen: 10.352 ng/ul
 RT: 19.58 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: BM016180.D
 Acq: 03 Aug 2018 15:18

Instrument :
 BNA_M
 ClientSampleId :
 JJ1K9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	8.8	13.2#
100	6.2	6.6	9.8#

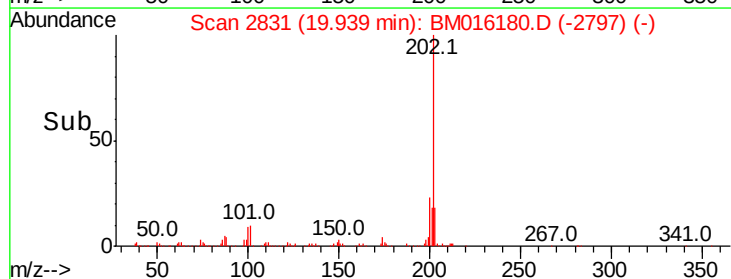
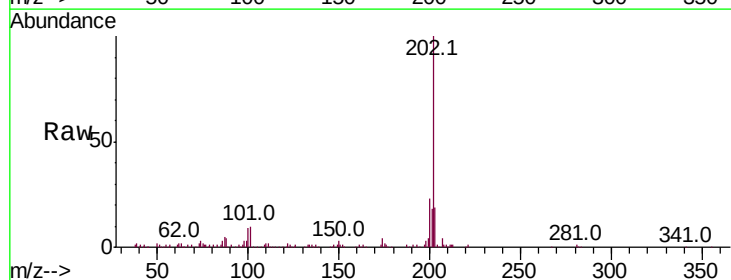
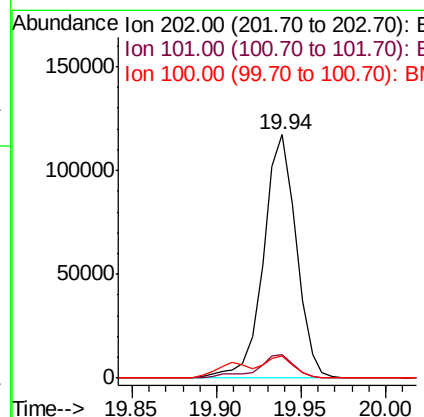
Manual Integrations
 APPROVED

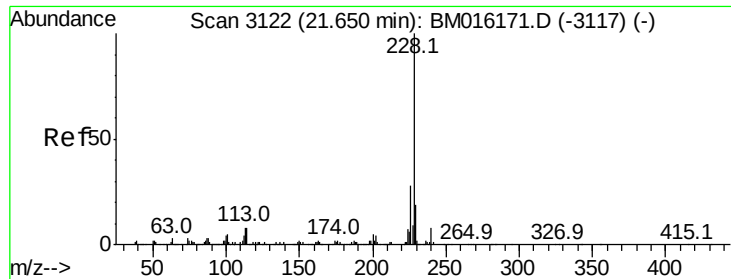
Sohil
 8/6/2018 12:49:51 PM



#79
 Pyrene
 Concen: 13.560 ng/ul
 RT: 19.94 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BM016180.D
 Acq: 03 Aug 2018 15:18

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	10.2	15.2#
100	9.0	8.5	12.7





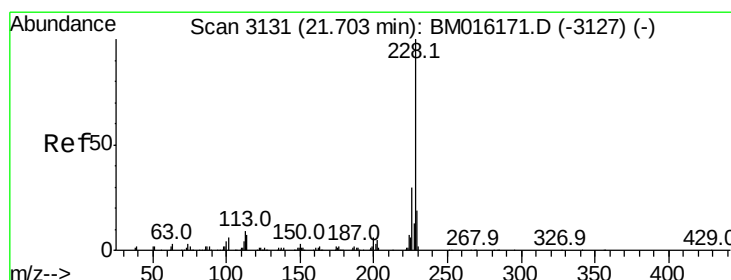
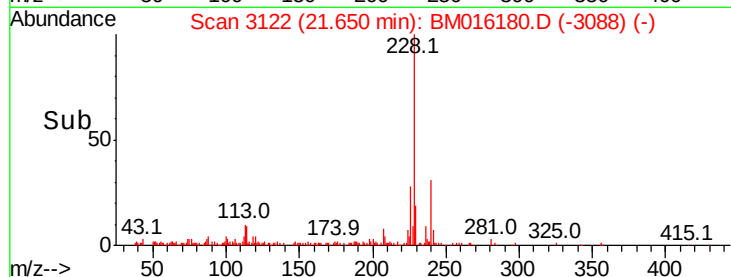
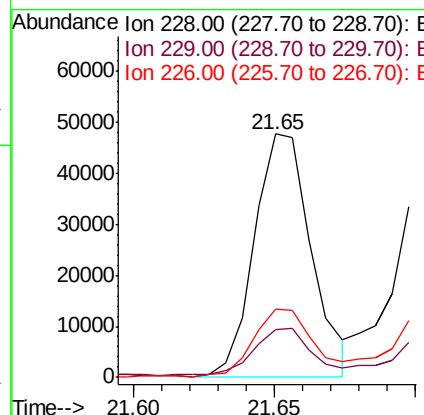
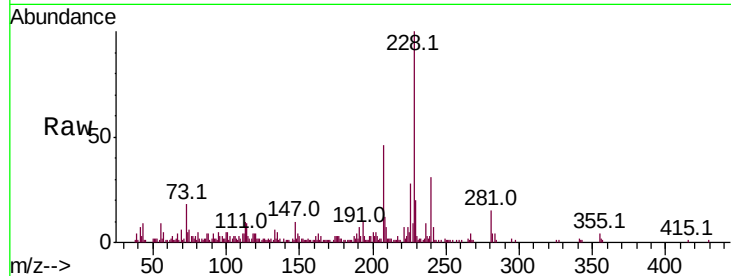
#82
Benzo(a)anthracene
Concen: 5.224 ng/ul
RT: 21.65 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM016180.D
Acq: 03 Aug 2018 15:18

Instrument :
BNA_M
ClientSampleId :
JJ1K9

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	28.0	21.8	32.6

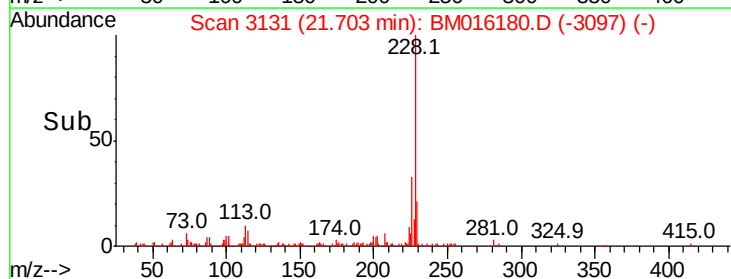
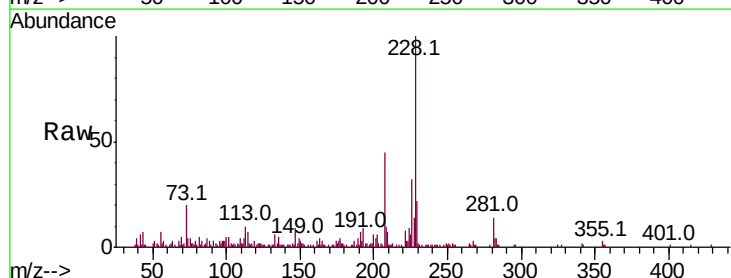
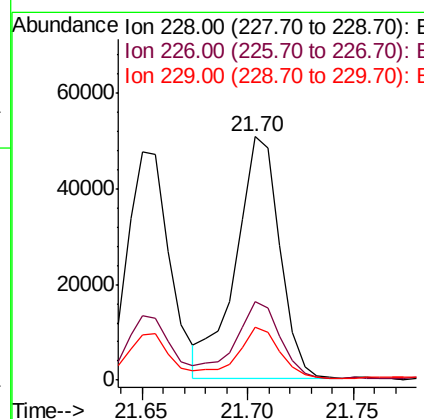
Manual Integrations
APPROVED

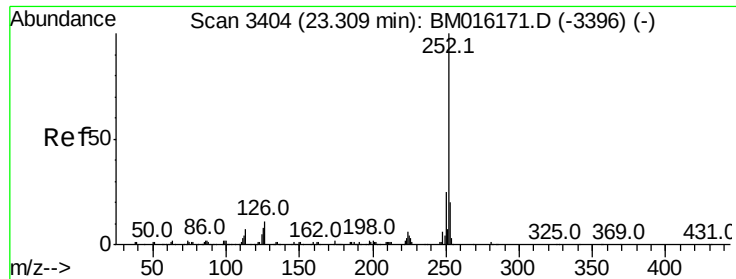
Sohil
8/6/2018 12:49:51 PM



#84
Chrysene
Concen: 6.109 ng/ul
RT: 21.70 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BM016180.D
Acq: 03 Aug 2018 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	21.6	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 7.173 ng/ul

RT: 23.32 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM016180.D

Acq: 03 Aug 2018 15:18

Instrument :

BNA_M

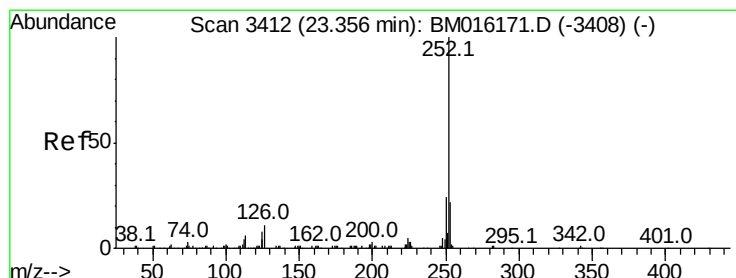
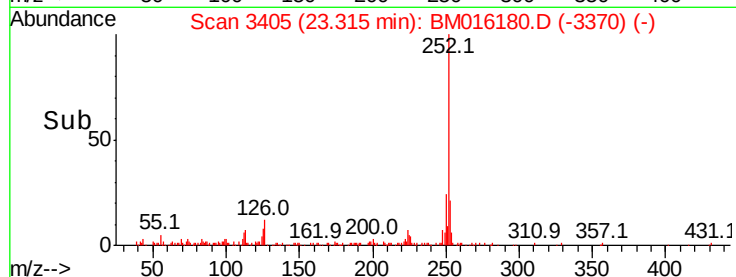
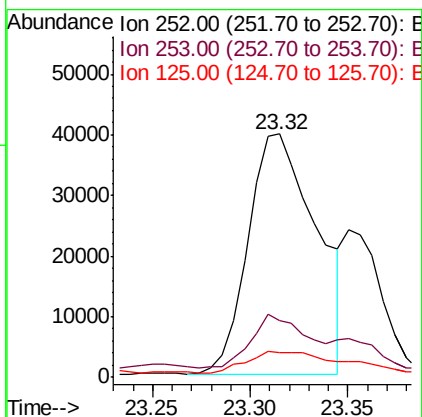
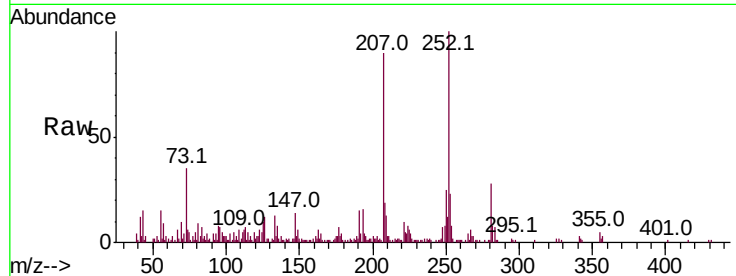
ClientSampled :

JJ1K9

Tot Ion:	252	Resp:	96156
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	10.0	8.5	12.7

Manual Integrations
APPROVED

Sohil
8/6/2018 12:49:51 PM



#88

Benzo(k)fluoranthene

Concen: 2.569 ng/ul m

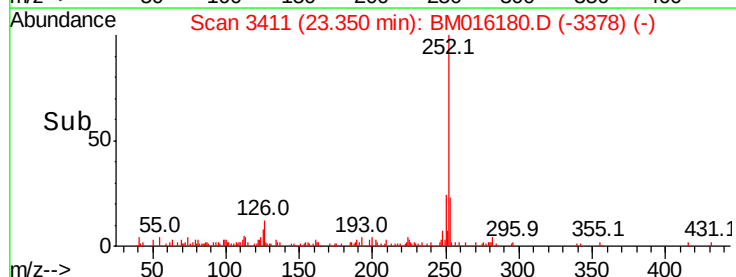
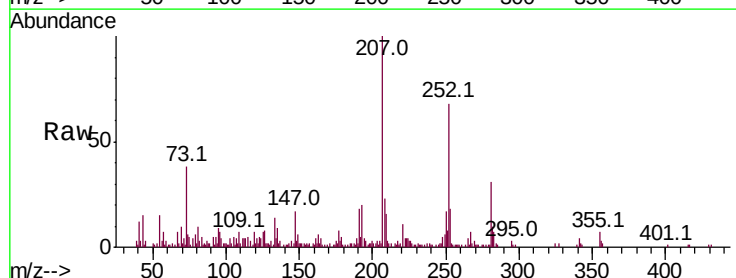
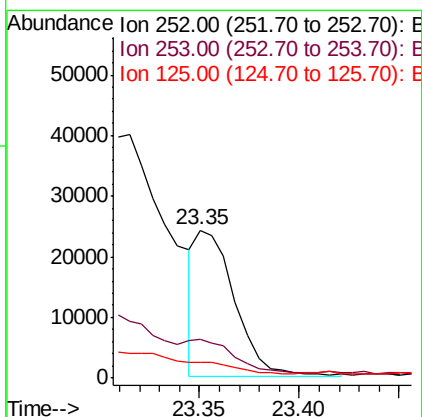
RT: 23.35 min Scan# 3411

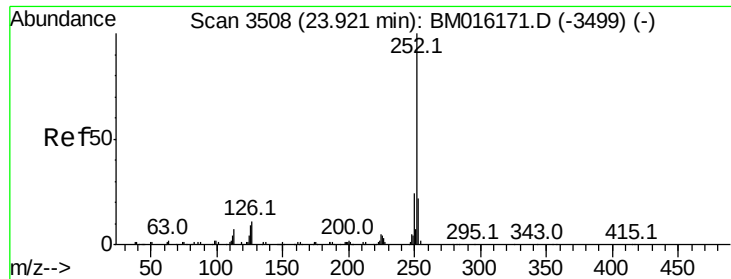
Delta R.T. -0.01 min

Lab File: BM016180.D

Acq: 03 Aug 2018 15:18

Tgt Ion:	252	Resp:	32917
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.3	25.9#
125	10.7	8.2	12.2





#90

Benzo(a)pyrene

Concen: 5.752 ng/ul

RT: 23.92 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BM016180.D

Acq: 03 Aug 2018 15:18

Instrument :

BNA_M

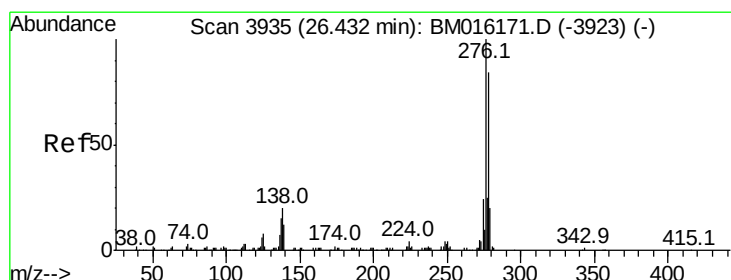
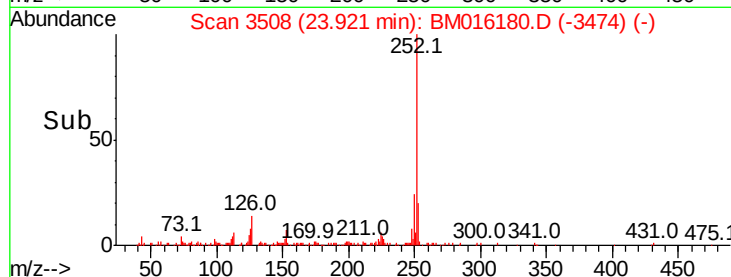
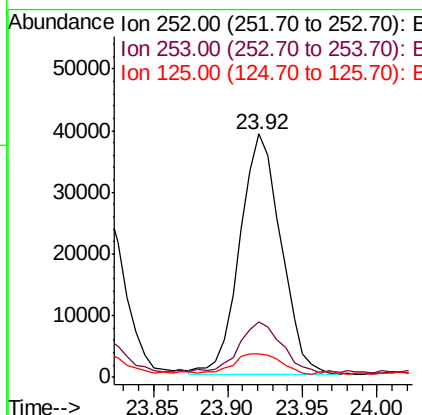
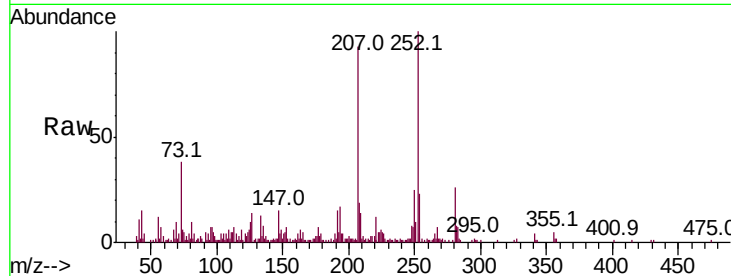
ClientSampled :

JJ1K9

Tot Ion:	252	Resp:	74144
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	9.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
8/6/2018 12:49:51 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.417 ng/ul

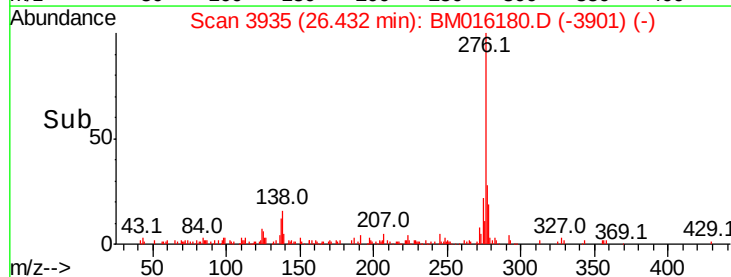
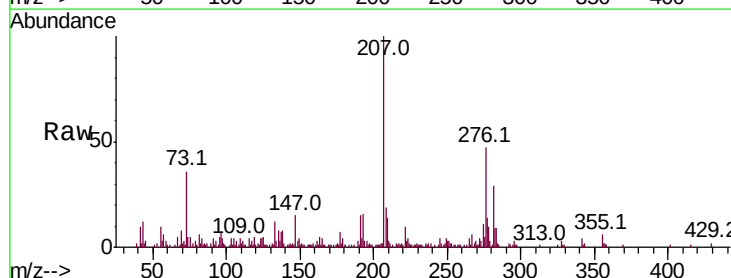
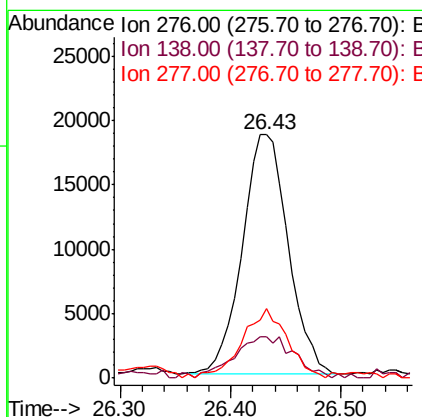
RT: 26.43 min Scan# 3935

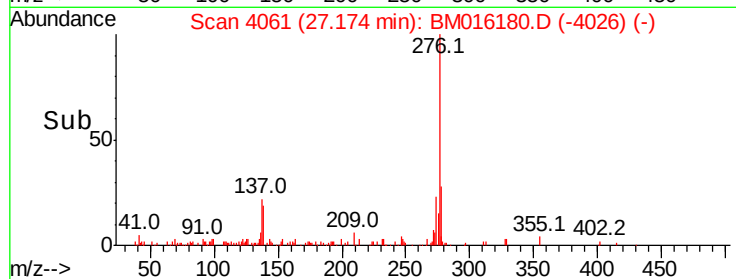
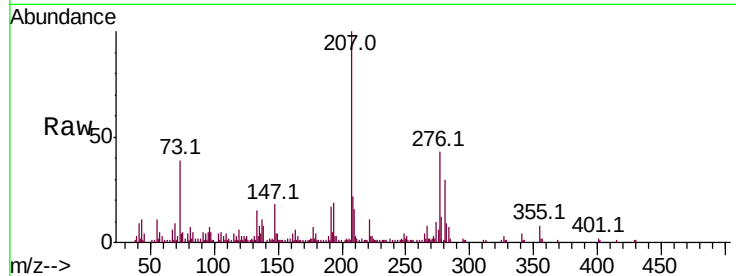
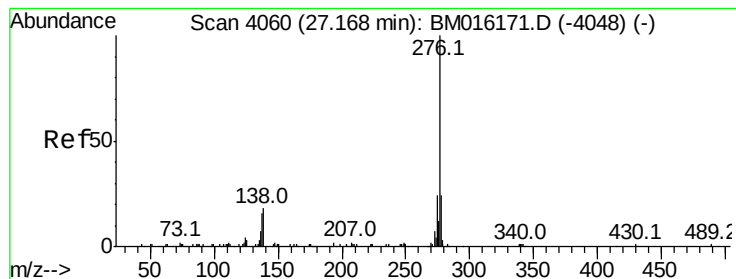
Delta R.T. 0.00 min

Lab File: BM016180.D

Acq: 03 Aug 2018 15:18

Tgt Ion:	276	Resp:	54158
Ion Ratio	Lower	Upper	
276	100		
138	17.3	22.3	33.5#
277	28.6	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 4.188 ng/ul

RT: 27.17 min Scan# 4061

Delta R.T. 0.01 min

Lab File: BM016180.D

Acq: 03 Aug 2018 15:18

Instrument :

BNA_M

ClientSampleId :

JJ1K9

Tot Ion:	276	Resp:	53064
Ion Ratio	Lower	Upper	
276	100		
138	18.6	18.9	28.3#
277	27.9	19.2	28.8

Manual Integrations
APPROVED

Sohil
8/6/2018 12:49:51 PM

