

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
 Data File : BM016164.D
 Acq On : 02 Aug 2018 20:50
 Operator : SJ/JU
 Sample : J4171-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ1L3

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:56:08 PM

Quant Time: Aug 03 11:21:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 03 01:12:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	59067	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	243902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	116016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	235434	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	228956	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	235925	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	8127	6.06	ng/uL	0.00
5) Phenol-d5	7.35	99	152367	28.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	102315	30.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	138360	31.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	123840	26.79	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	62336	35.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	70621	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	119513	30.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	126420	26.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	357277	33.78	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	420864	34.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	40607m	22.16	ng/ul	0.00
57) Fluorene-d10	15.80	176	283897	31.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	36486	23.22	ng/ul	0.00
70) Anthracene-d10	17.65	188	401988m	33.35	ng/ul	0.00
78) Pyrene-d10	19.91	212	415405	39.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	439408	33.86	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.37	94	80678	14.885	ng/ul#	66
44) Dimethylphthalate	14.27	163	129218	12.339	ng/ul	99
69) Phenanthrene	17.59	178	61051	4.386	ng/ul	98
76) Fluoranthene	19.58	202	150100	8.592	ng/ul	96
79) Pyrene	19.94	202	154250	11.428	ng/ul	95
82) Benzo(a)anthracene	21.66	228	66253	4.476	ng/ul	96
84) Chrysene	21.71	228	67092	4.845	ng/ul	95
87) Benzo(b)fluoranthene	23.32	252	88741	5.864	ng/ul	93
88) Benzo(k)fluoranthene	23.36	252	34756	2.402	ng/ul#	92
90) Benzo(a)pyrene	23.93	252	70926	4.874	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.43	276	50998	2.850	ng/ul#	89
93) Benzo(g,h,i)perylene	27.18	276	48915	3.419	ng/ul	97

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

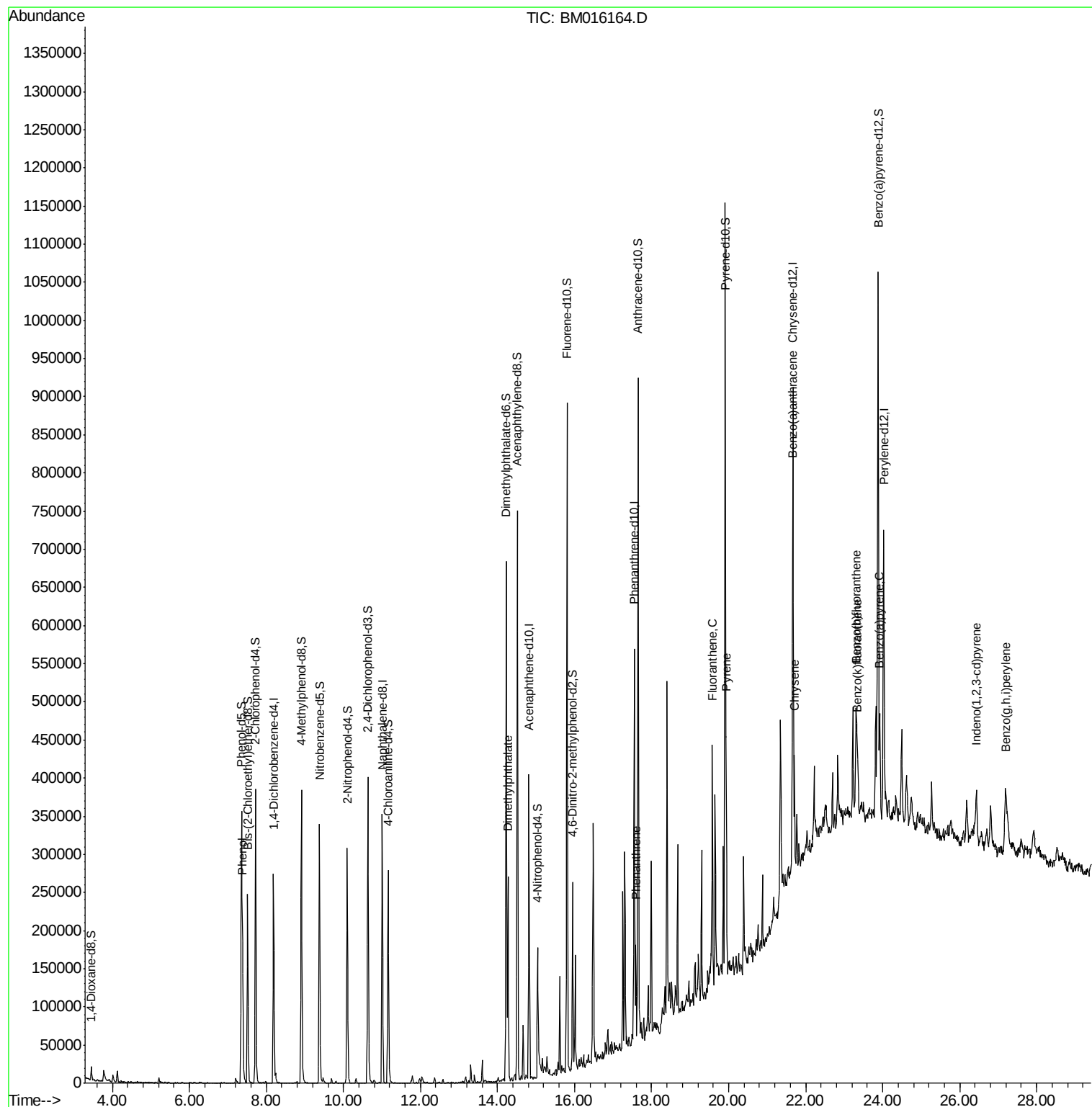
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016164.D
Acq On : 02 Aug 2018 20:50
Operator : SJ/JU
Sample : J4171-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

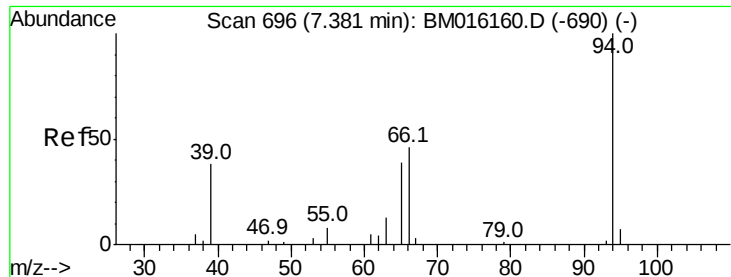
Instrument :
BNA_M
ClientSampleId :
JJ1L3

Manual Integrations
APPROVED

Sohil
8/3/2018 5:56:08 PM

Quant Time: Aug 03 11:21:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration





#6

Phenol

Concen: 14.885 ng/ul

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampled :

JJ1L3

Tot Ion: 94 Resp: 80678

Ion Ratio Lower Upper

94 100

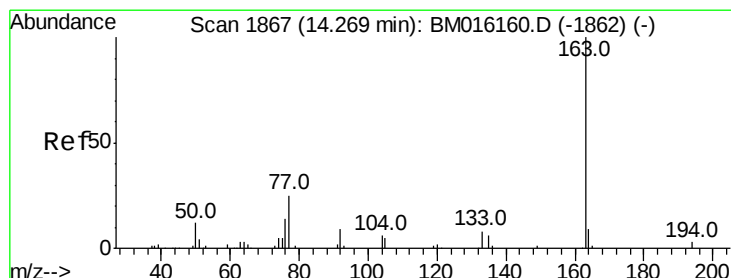
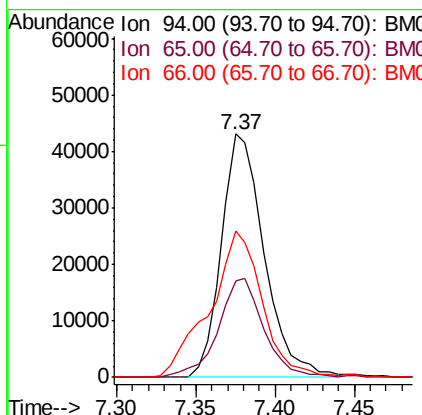
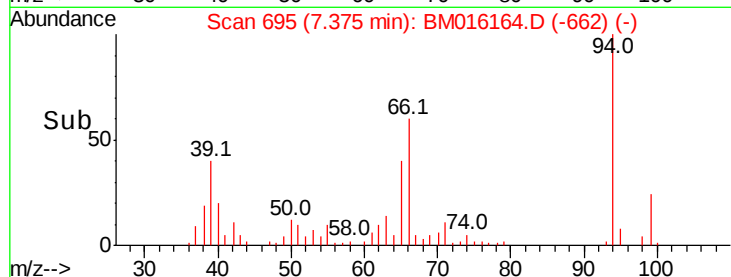
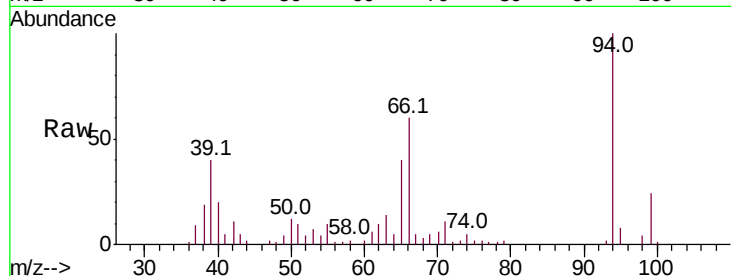
65 39.6 21.0 31.6#

66 60.3 29.3 43.9#

Manual Integrations
APPROVED

Sohil

8/3/2018 5:56:08 PM



#44

Dimethylphthalate

Concen: 12.339 ng/ul

RT: 14.27 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

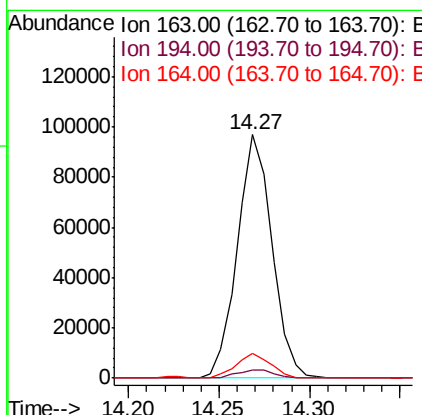
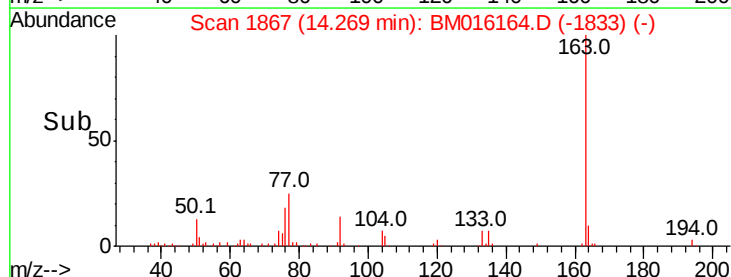
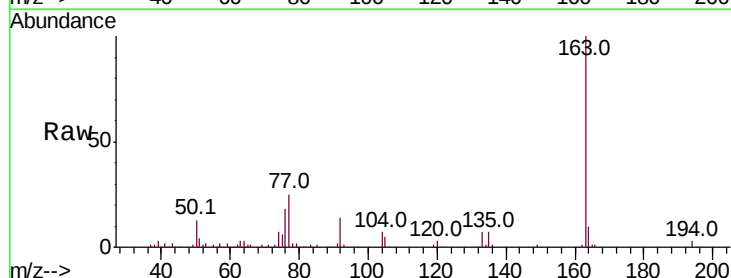
Tgt Ion:163 Resp: 129218

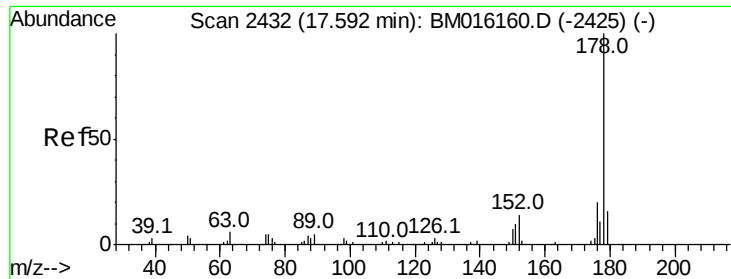
Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

164 10.2 7.8 11.8





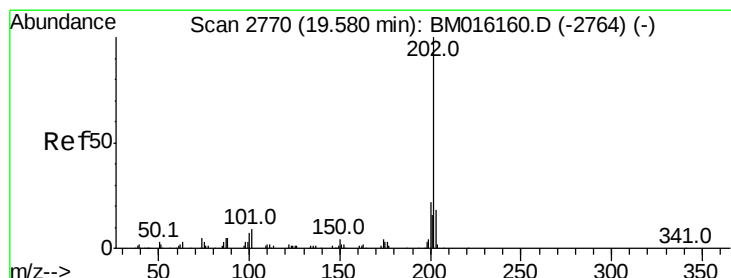
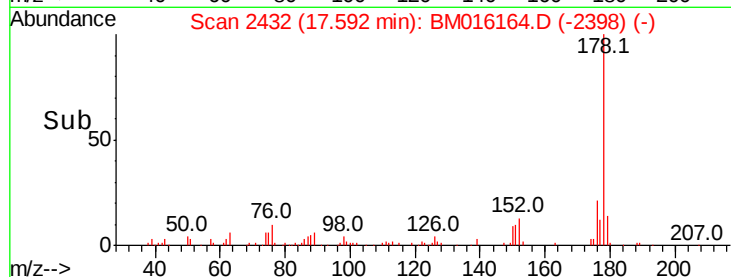
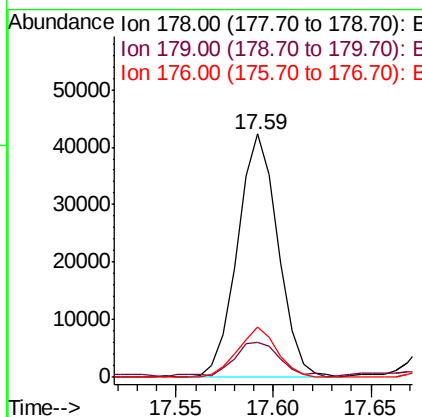
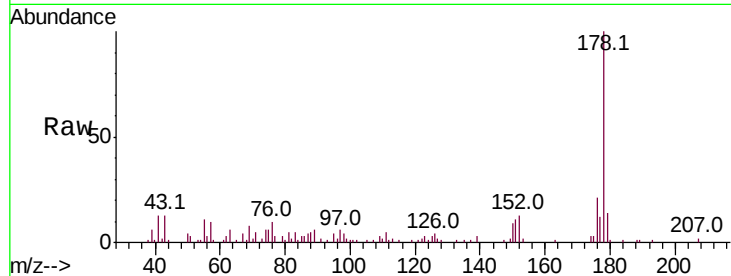
#69
 Phenanthrene
 Concen: 4.386 ng/ul
 RT: 17.59 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BM016164.D
 Acq: 02 Aug 2018 20:50

Instrument :
 BNA_M
 ClientSampled :
 JJ1L3

Tot Ion:178	Resp:	61051
Ion Ratio	Lower	Upper
178	100	
179	14.3	12.2 18.4
176	20.7	15.6 23.4

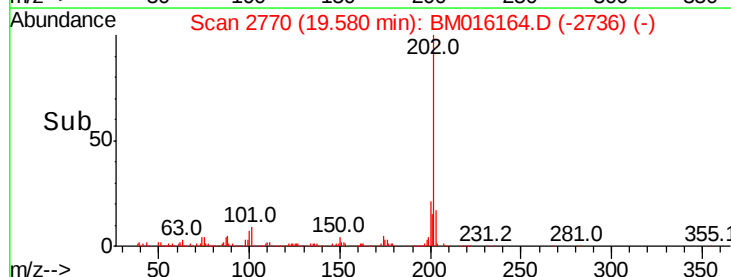
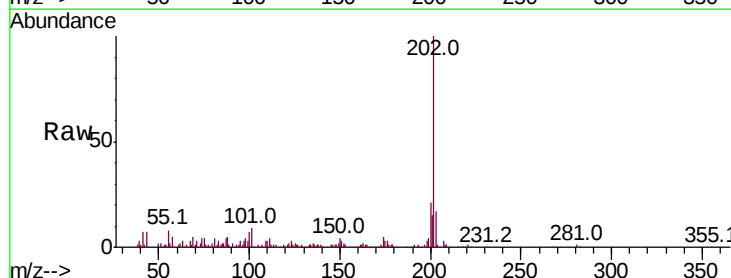
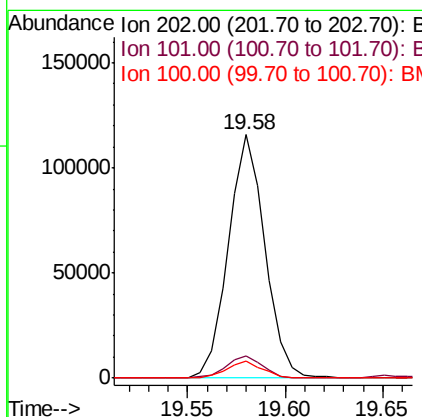
Manual Integrations
 APPROVED

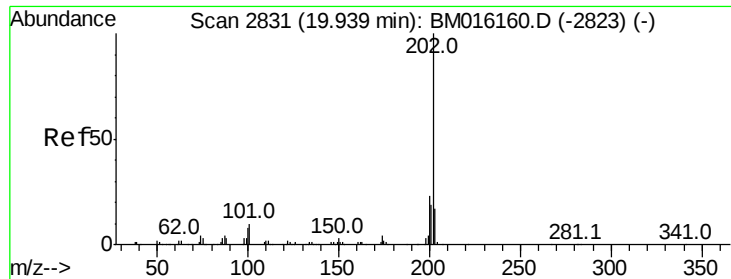
Sohil
 8/3/2018 5:56:08 PM



#76
 Fluoranthene
 Concen: 8.592 ng/ul
 RT: 19.58 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BM016164.D
 Acq: 02 Aug 2018 20:50

Tgt Ion:202	Resp:	150100
Ion Ratio	Lower	Upper
202	100	
101	9.3	8.8 13.2
100	7.3	6.6 9.8





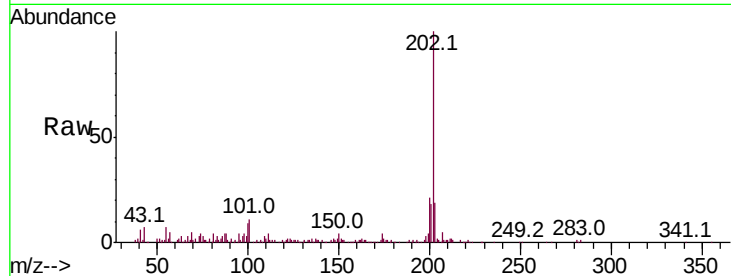
#79
Pvrene
Concen: 11.428 ng/ul
RT: 19.94 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Instrument :
BNA_M
ClientSampleId :
JJ1L3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	10.2	15.2
100	9.2	8.5	12.7

Manual Integrations
APPROVED

Sohil
8/3/2018 5:56:08 PM

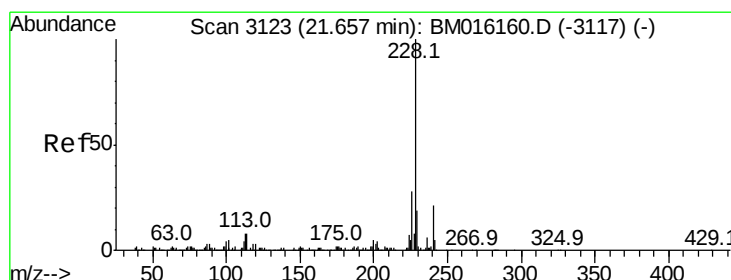
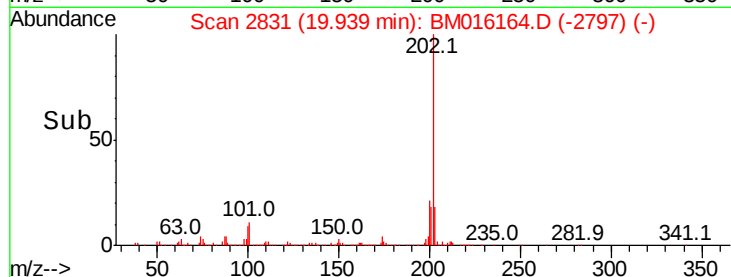
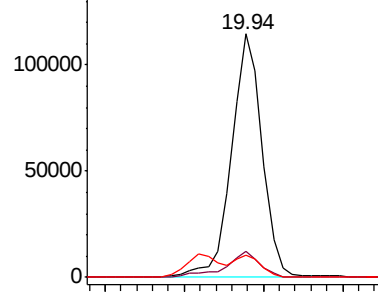


Abundance

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): B



#82
Benzo(a)anthracene
Concen: 4.476 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

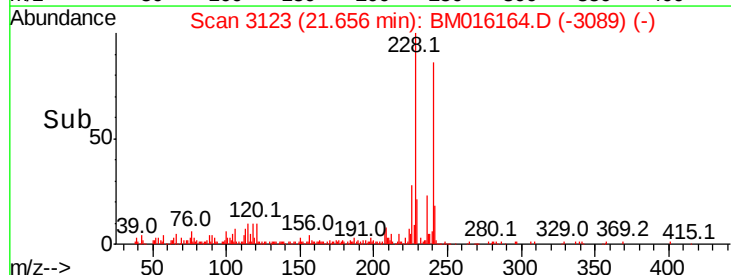
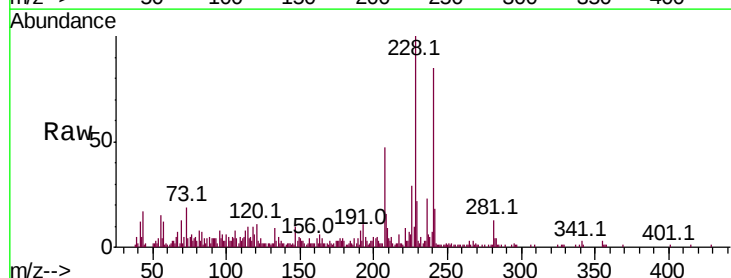
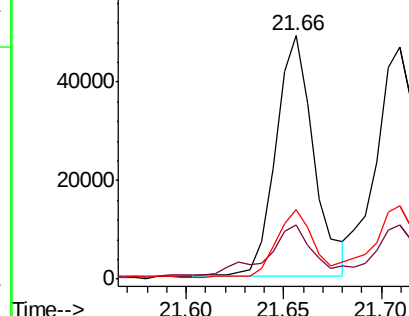
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	15.7	23.5
226	28.5	21.8	32.6

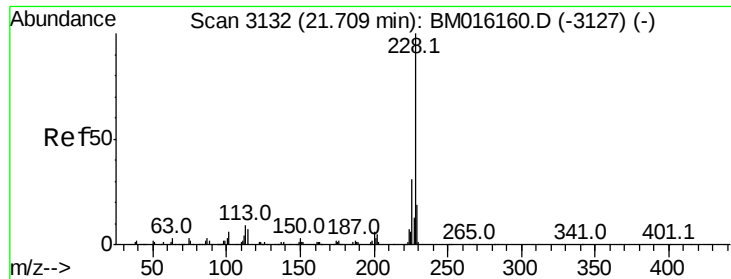
Abundance

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





#84

Chrysene

Concen: 4.845 ng/ul

RT: 21.71 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

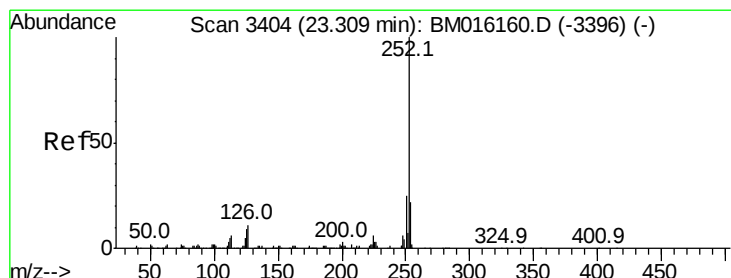
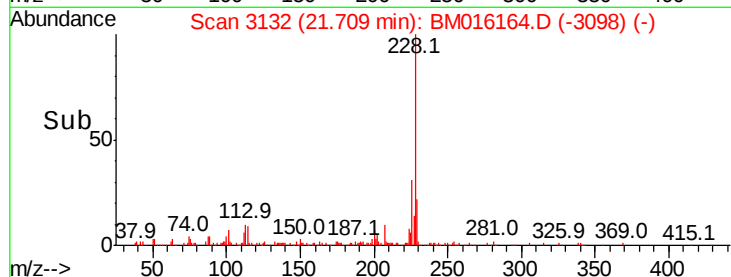
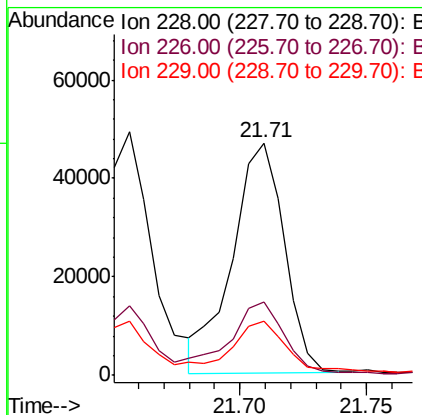
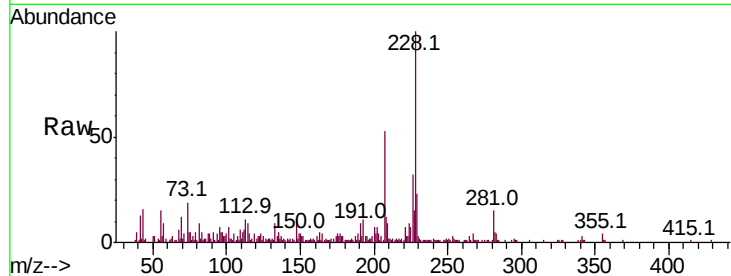
ClientSampleId :

JJ1L3

Tot Ion:	228	Resp:	67092
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.0	36.0
229	23.3	15.6	23.4

Manual Integrations
APPROVED

Sohil
8/3/2018 5:56:08 PM



#87

Benzo(b)fluoranthene

Concen: 5.864 ng/ul

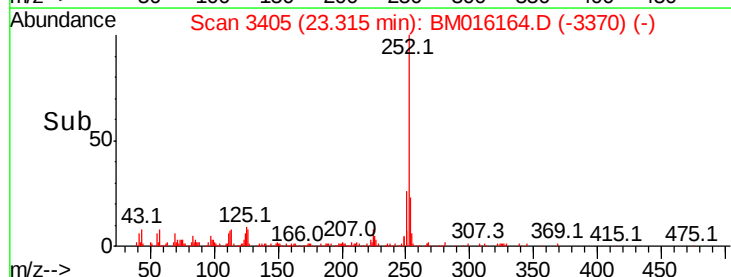
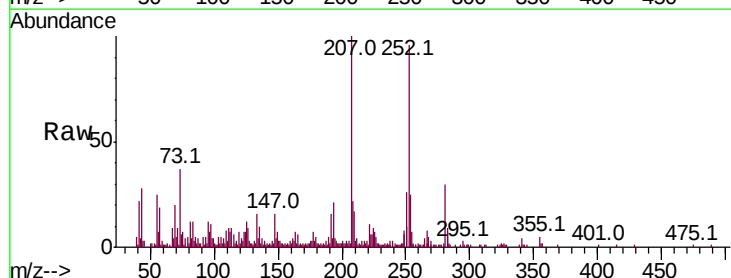
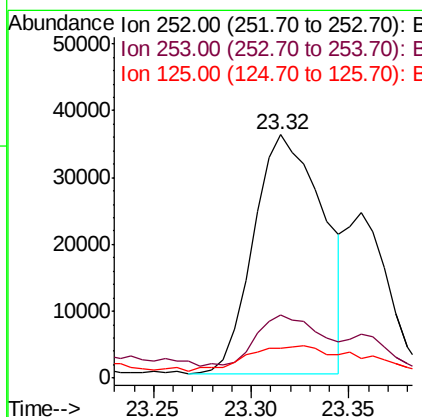
RT: 23.32 min Scan# 3405

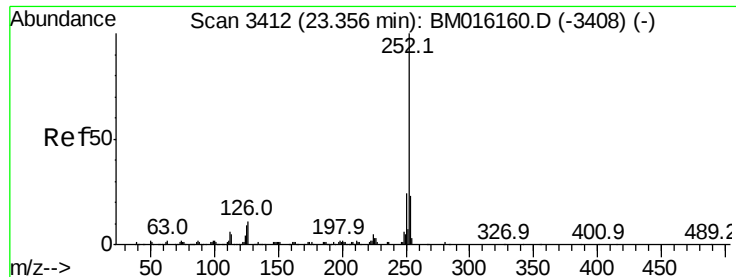
Delta R.T. 0.01 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Tgt Ion:	252	Resp:	88741
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.5	26.3
125	12.2	8.5	12.7





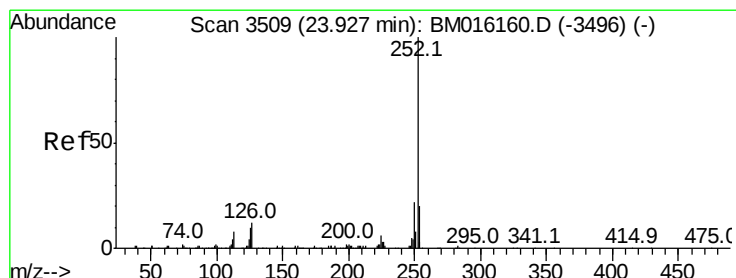
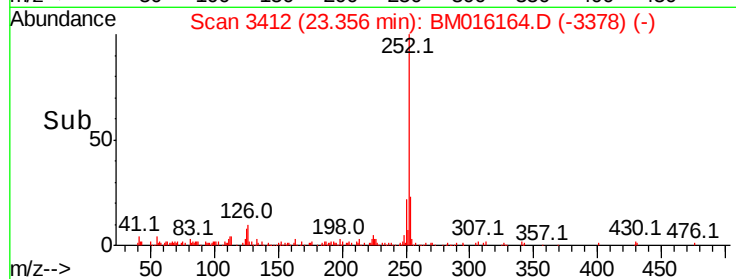
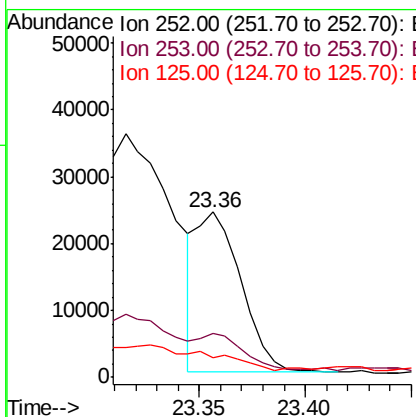
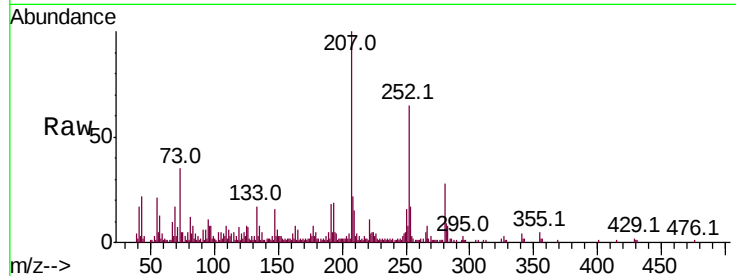
#88
Benzo(k)fluoranthene
Concen: 2.402 ng/ul
RT: 23.36 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Instrument :
BNA_M
ClientSampleID :
JJ1L3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	11.7	8.2	12.2

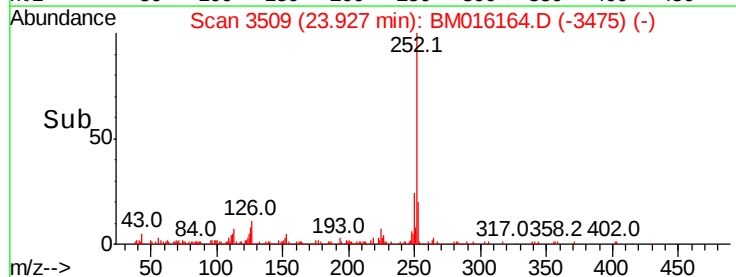
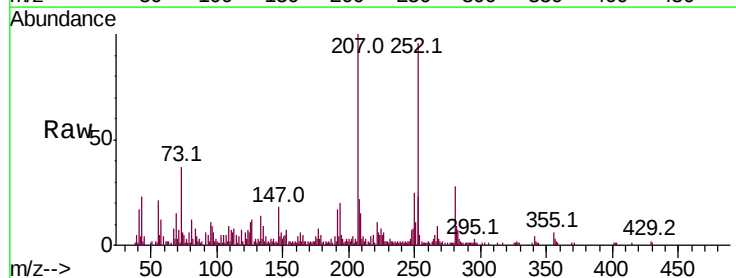
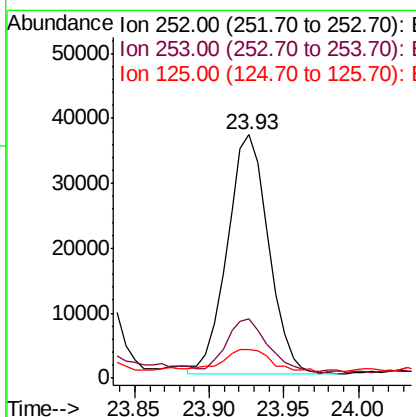
Manual Integrations
APPROVED

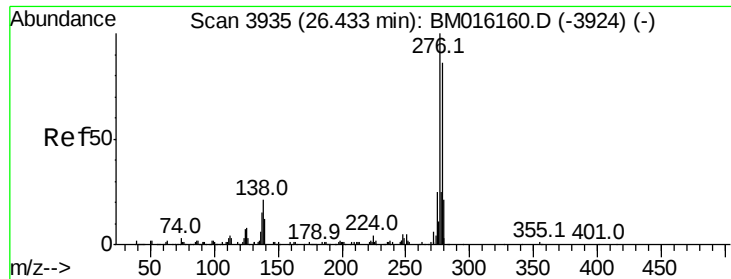
Sohil
8/3/2018 5:56:08 PM



#90
Benzo(a)pyrene
Concen: 4.874 ng/ul
RT: 23.93 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	11.6	9.0	13.6





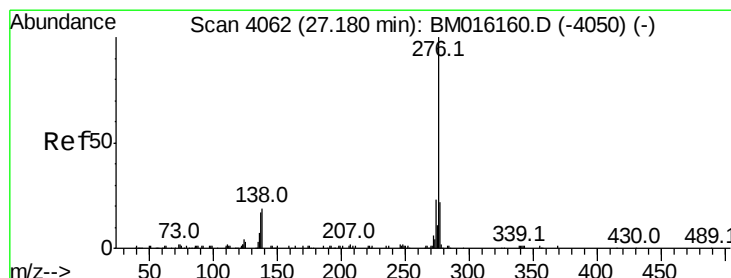
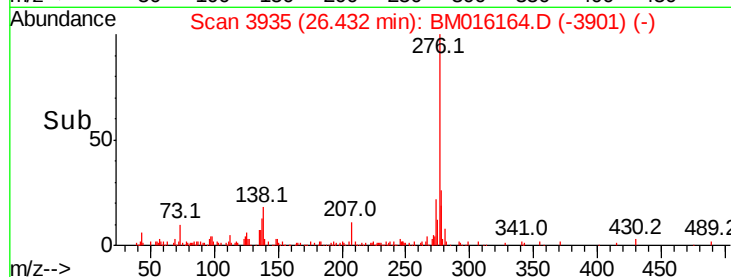
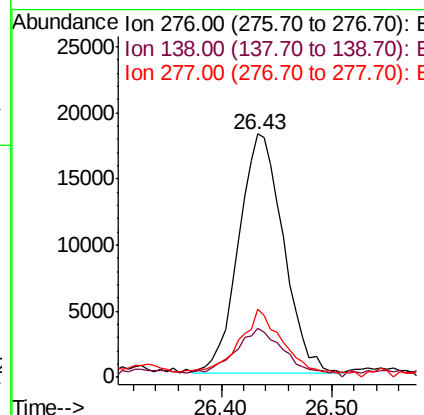
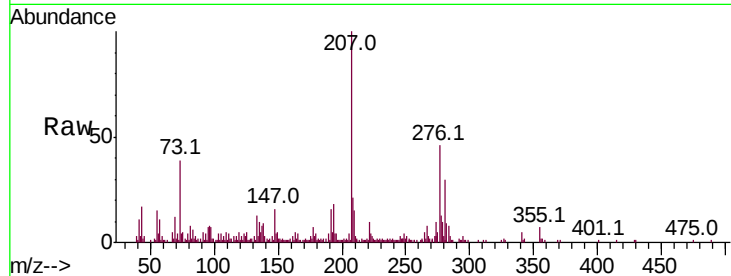
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.850 ng/ul
 RT: 26.43 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BM016164.D
 Acq: 02 Aug 2018 20:50

Instrument :
 BNA_M
 ClientSampled :
 JJ1L3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	22.3	33.5#
277	28.0	20.2	30.2

Manual Integrations
 APPROVED

Sohil
 8/3/2018 5:56:08 PM



#93
 Benzo(g,h,i)perylene
 Concen: 3.419 ng/ul
 RT: 27.18 min Scan# 4062
 Delta R.T. -0.00 min
 Lab File: BM016164.D
 Acq: 02 Aug 2018 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.9	28.3
277	24.9	19.2	28.8

