

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013674.D
 Acq On : 20 Jan 2018 10:31
 Operator : SJ/JU
 Sample : J1216-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AE7

Manual Integrations
 APPROVED

Sohil
 1/22/2018 2:40:01 PM

Quant Time: Jan 22 00:56:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	139818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	535235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	287405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	626239	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	724635	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	751266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	13014	3.68	ng/uL	0.00
5) Phenol-d5	6.79	99	256768	23.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	157132	24.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	217901	24.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	212525	25.76	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	109471	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	118861	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	220195	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	236863	32.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	631799	26.67	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	828592	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	54816	14.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	545045	26.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	67523	17.91	ng/ul	0.00
70) Anthracene-d10	17.12	188	820018	26.88	ng/ul	0.00
76) Pyrene-d10	19.42	212	948946	28.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1006088	29.14	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.82	94	33636	3.124	ng/ul#	85
44) Dimethylphthalate	13.73	163	202248	8.684	ng/ul#	97
47) Acenaphthylene	13.99	152	83231	3.012	ng/ul	99
69) Phenanthrene	17.06	178	333861	9.591	ng/ul	98
71) Anthracene	17.15	178	68866	1.918	ng/ul	97
74) Fluoranthene	19.08	202	740427	17.819	ng/ul#	93
77) Pyrene	19.44	202	739360	16.784	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	436032	9.958	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.14	149	2282528	98.037	ng/ul#	99
82) Chrysene	21.25	228	448127	11.156	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	610442	13.231	ng/ul#	94
86) Benzo(k)fluoranthene	22.80	252	241507m	5.416	ng/ul	
88) Benzo(a)pyrene	23.32	252	467126	10.718	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	325211	6.321	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	80634m	1.856	ng/ul	
91) Benzo(g,h,i)perylene	26.29	276	267050	6.307	ng/ul#	93

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

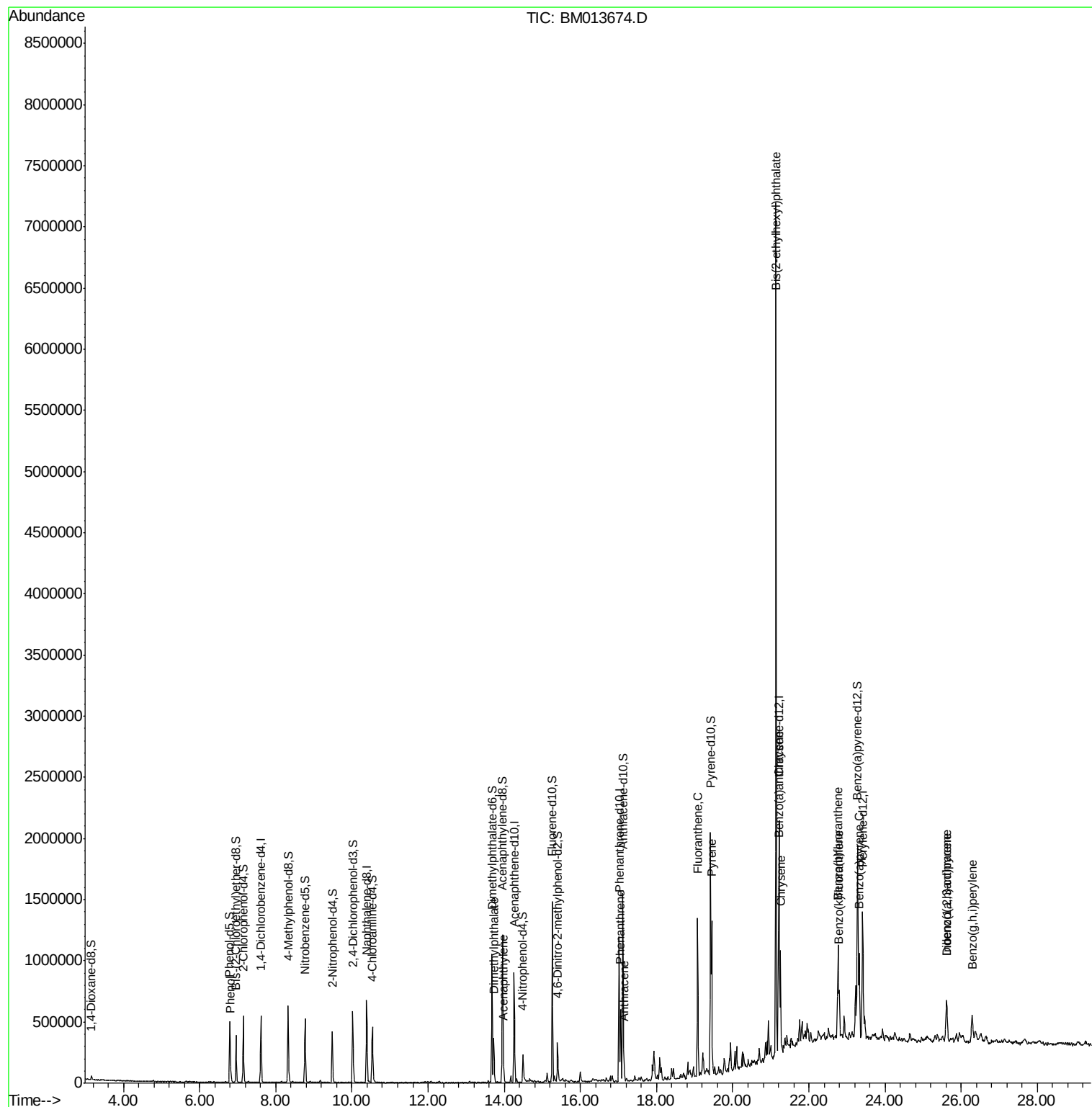
Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013674.D
Acq On : 20 Jan 2018 10:31
Operator : SJ/JU
Sample : J1216-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

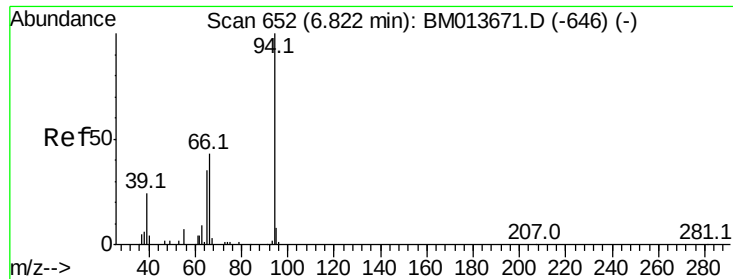
Instrument :
BNA_M
ClientSampleId :
B0AE7

Manual Integrations
APPROVED

Sohil
1/22/2018 2:40:01 PM

Quant Time: Jan 22 00:56:06 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 00:40:08 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.124 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampled :

B0AE7

Tot Ion: 94 Resp: 33636

Ion Ratio Lower Upper

94 100

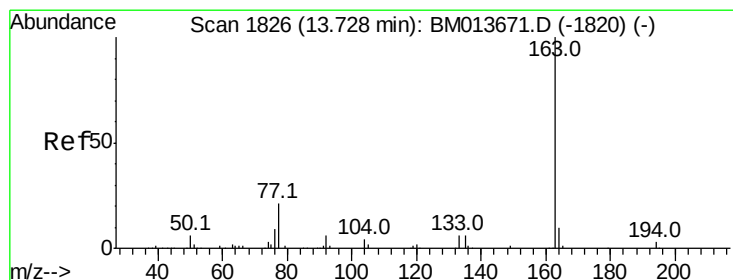
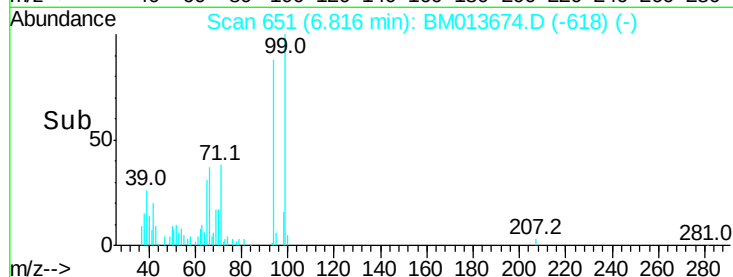
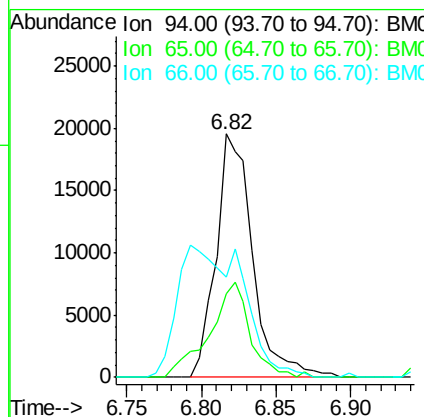
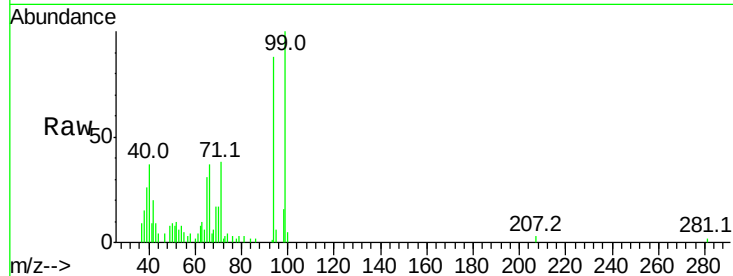
65 34.5 28.2 42.4

66 41.3 47.2 70.8#

Manual Integrations
APPROVED

Sohil

1/22/2018 2:40:01 PM



#44

Dimethylphthalate

Concen: 8.684 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

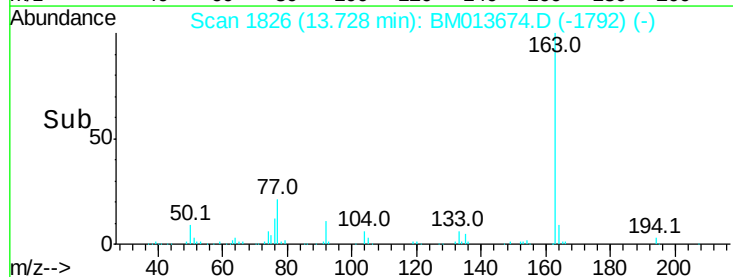
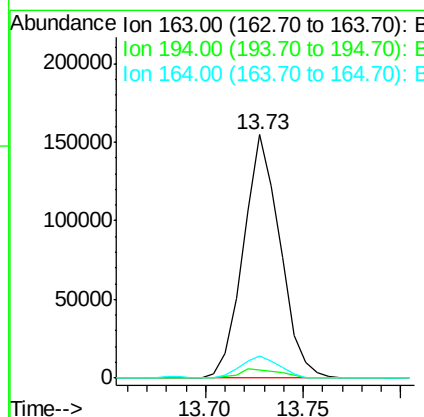
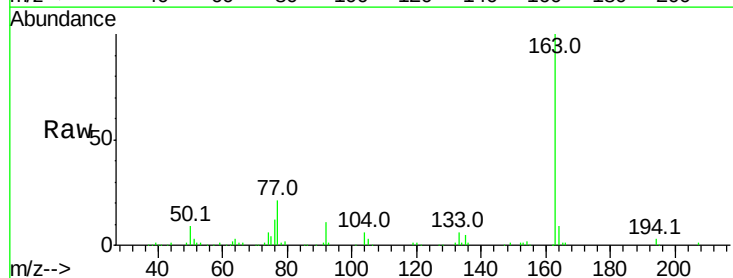
Tgt Ion: 163 Resp: 202248

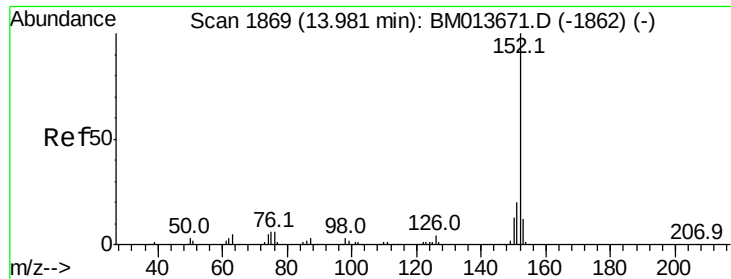
Ion Ratio Lower Upper

163 100

194 3.3 3.5 5.3#

164 9.0 8.2 12.4





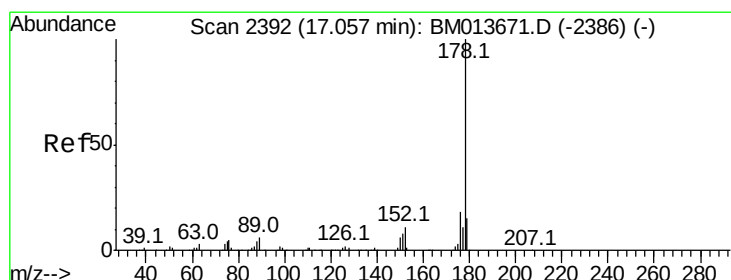
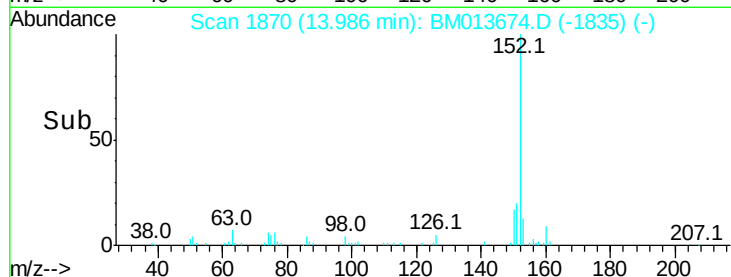
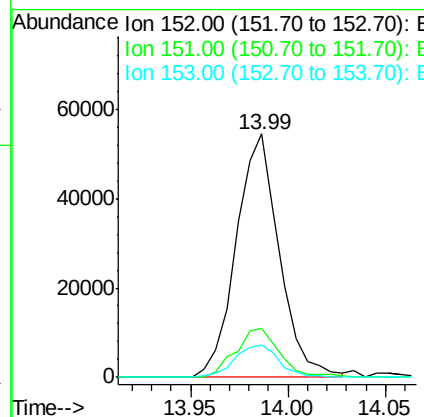
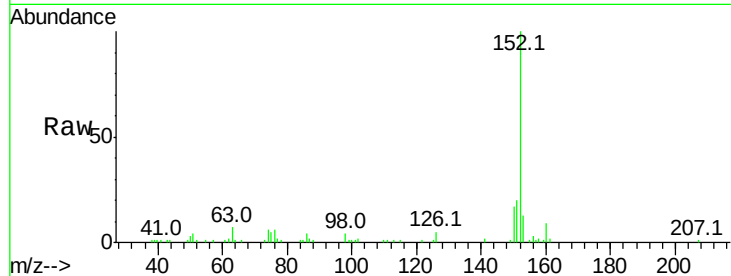
#47
Acenaphthylene
Concen: 3.012 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Instrument :
BNA_M
ClientSampleId :
B0AE7

Tot Ion	Ratio	Resp	Lower	Upper
152	100	83231		
151	20.2		16.3	24.5
153	13.2		10.2	15.4

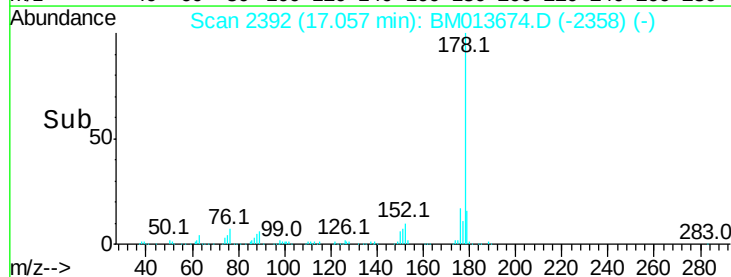
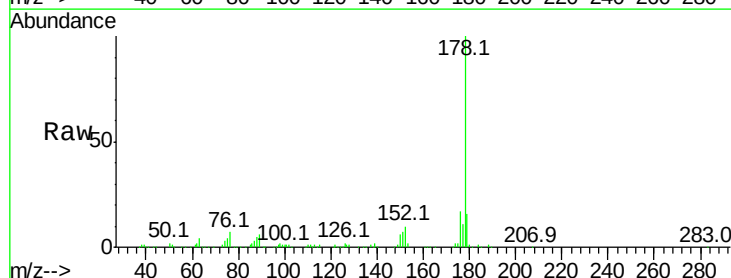
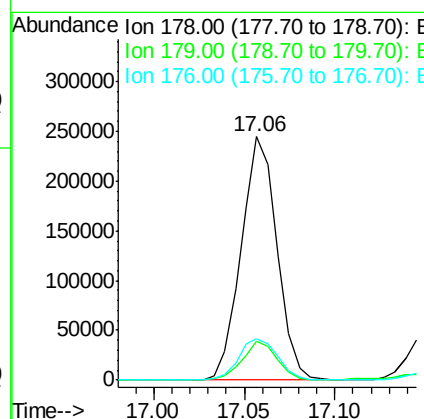
Manual Integrations
APPROVED

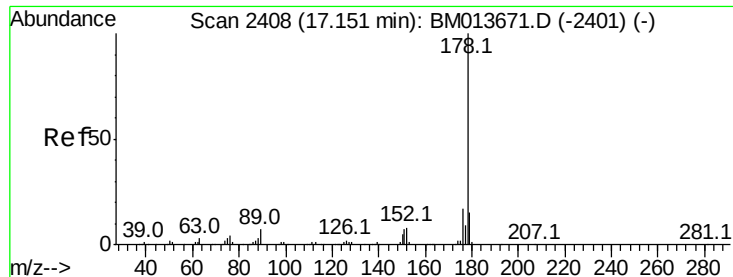
Sohil
1/22/2018 2:40:01 PM



#69
Phenanthrene
Concen: 9.591 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	333861		
179	16.0		12.6	19.0
176	17.1		14.9	22.3





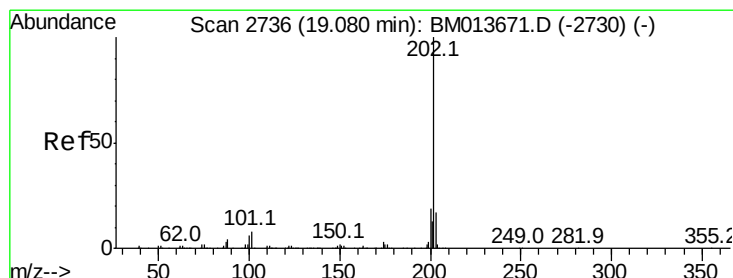
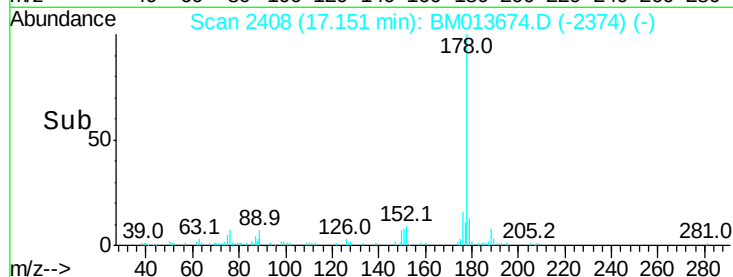
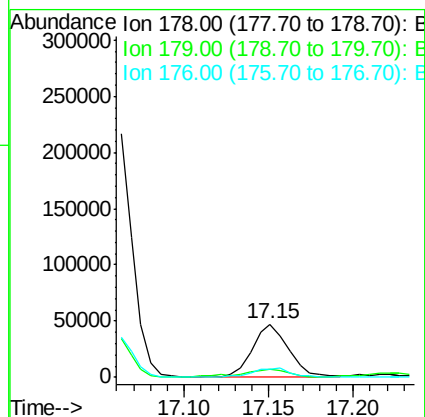
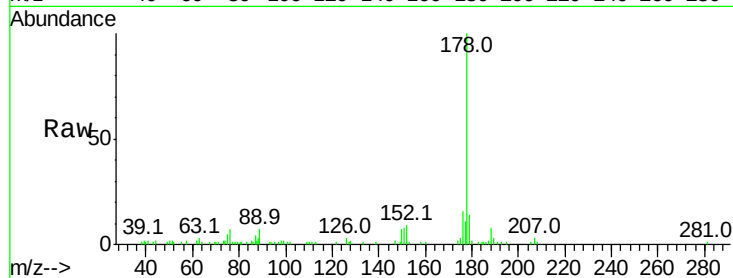
#71
 Anthracene
 Concen: 1.918 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Instrument :
 BNA_M
 ClientSampleId :
 B0AE7

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	11.7	17.5
176	15.9	14.6	21.8

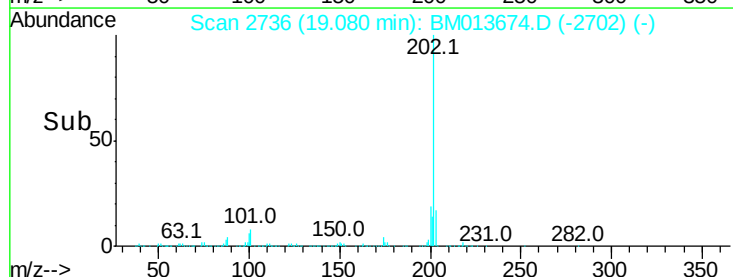
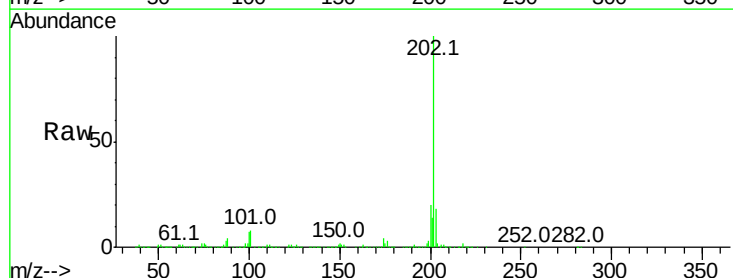
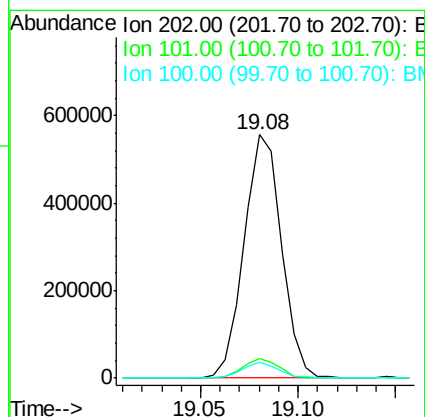
Manual Integrations
 APPROVED

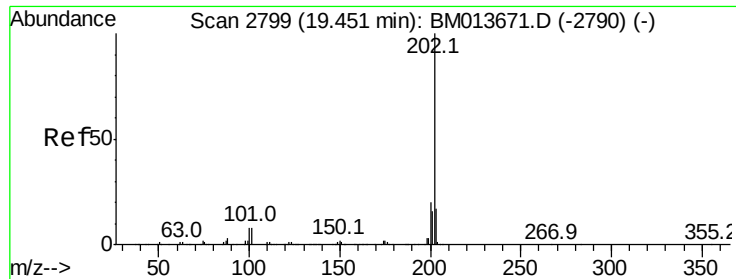
Sohil
 1/22/2018 2:40:01 PM



#74
 Fluoranthene
 Concen: 17.819 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.5	3.4	5.2#





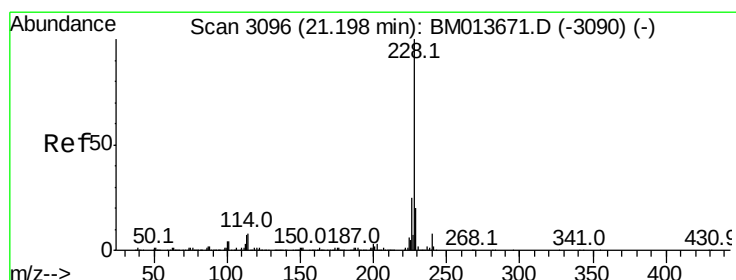
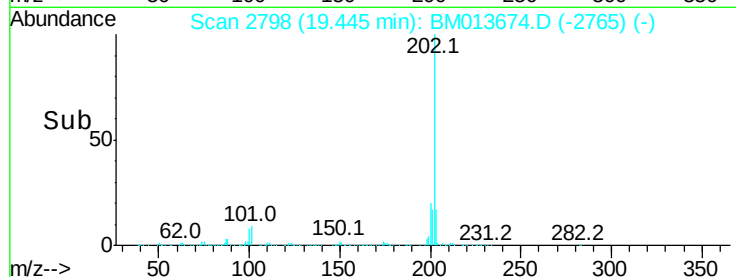
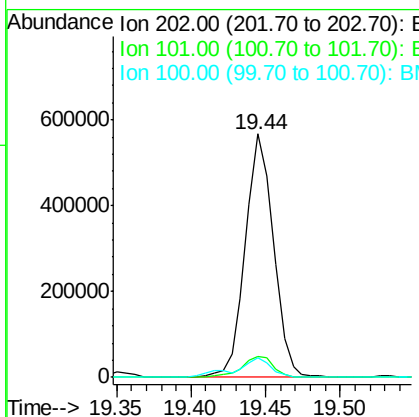
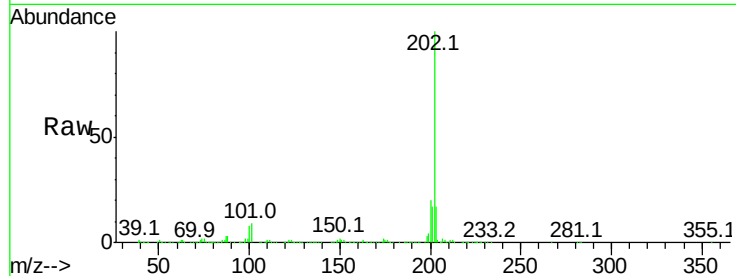
#77
Pvrene
Concen: 16.784 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Instrument :
BNA_M
ClientSampleId :
B0AE7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	8.0	4.9	7.3#

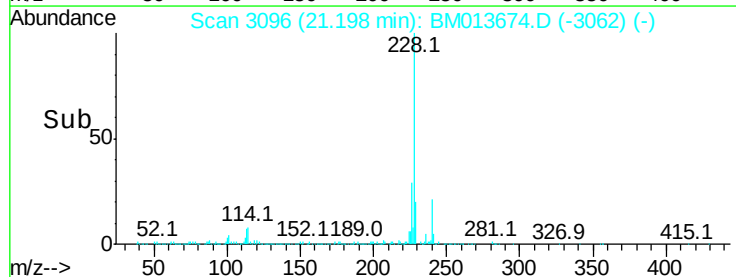
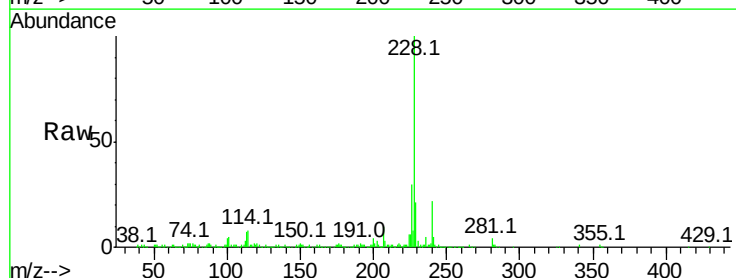
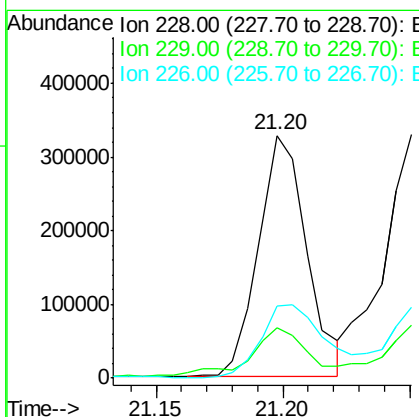
Manual Integrations
APPROVED

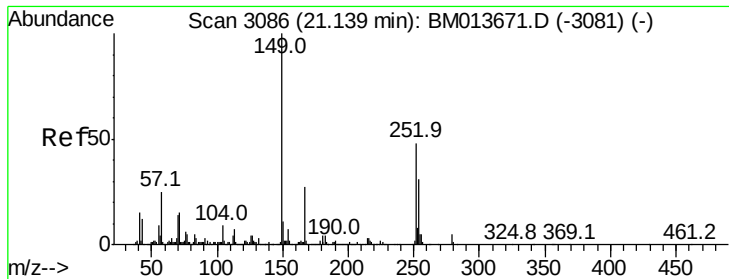
Sohil
1/22/2018 2:40:01 PM



#80
Benzo(a)anthracene
Concen: 9.958 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.6	21.4	32.0





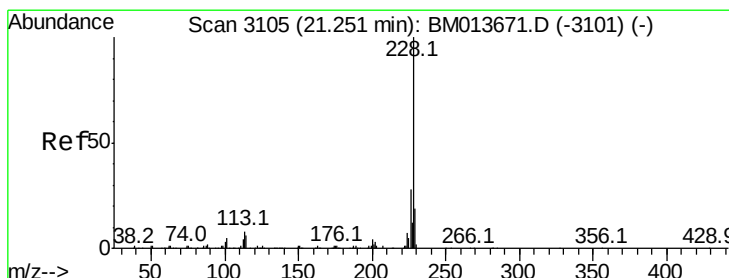
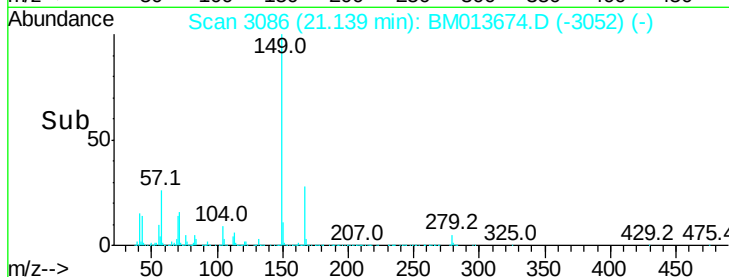
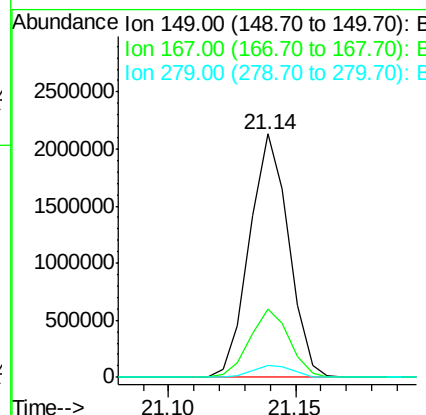
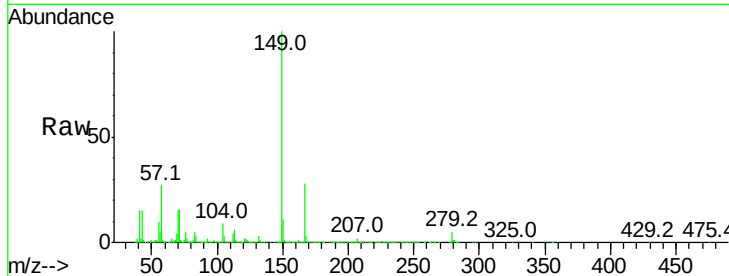
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 98.037 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Instrument :
 BNA_M
 ClientSampled :
 B0AE7

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	4.8	4.9	7.3#

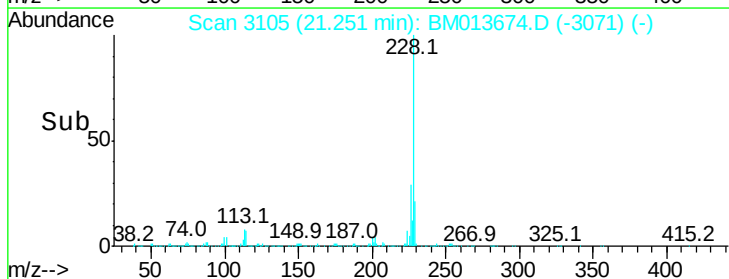
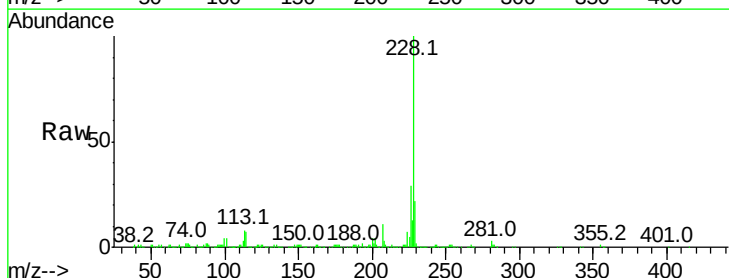
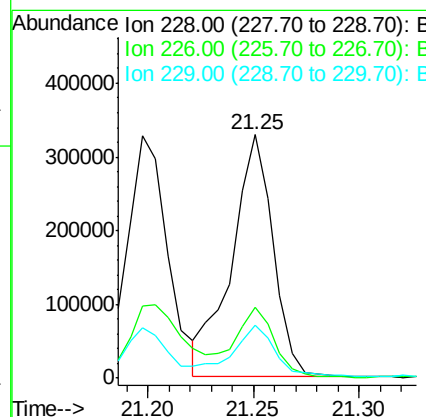
Manual Integrations
 APPROVED

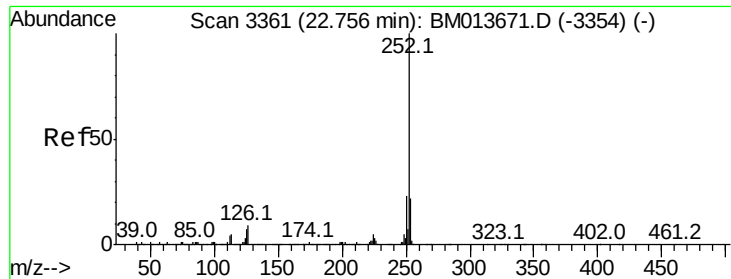
Sohil
 1/22/2018 2:40:01 PM



#82
 Chrysene
 Concen: 11.156 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM013674.D
 Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.7	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 13.231 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

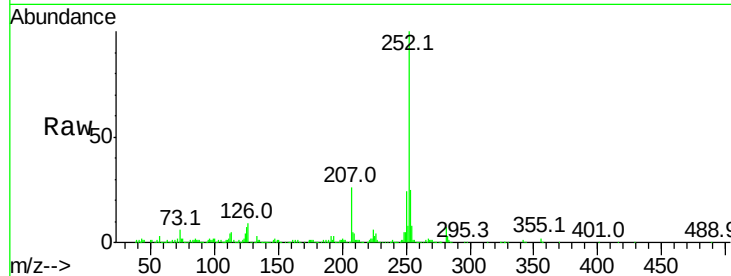
ClientSampleId :

B0AE7

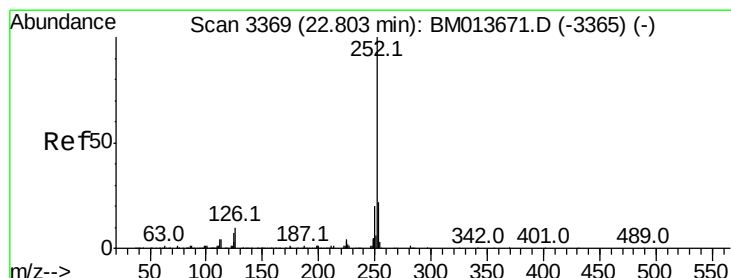
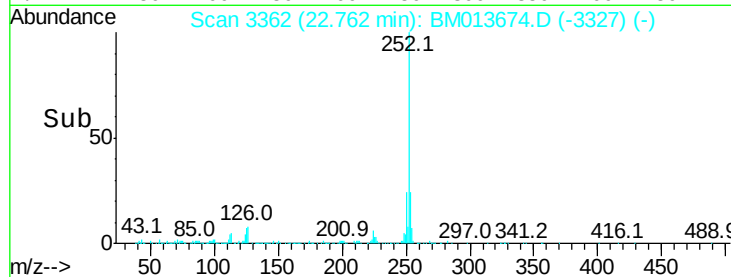
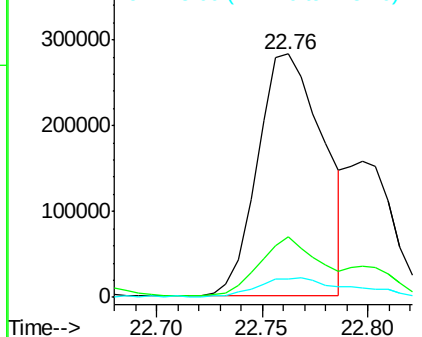
Tot Ion:	252	Resp:	610442
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.9	26.9
125	7.3	3.6	5.4#

Manual Integrations
APPROVED

Sohil
1/22/2018 2:40:01 PM



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: 5.416 ng/ul m

RT: 22.80 min Scan# 3368

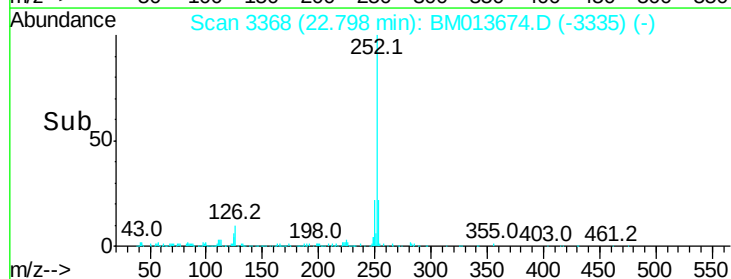
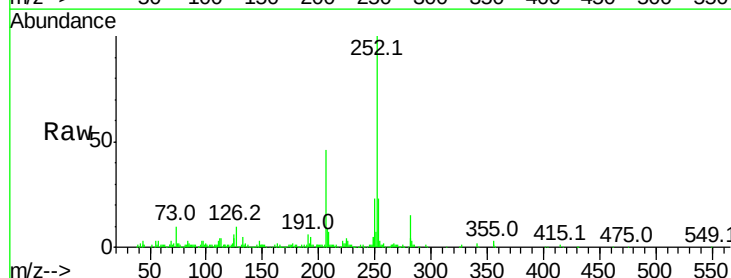
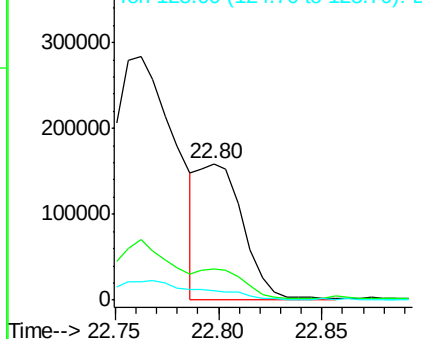
Delta R.T. -0.01 min

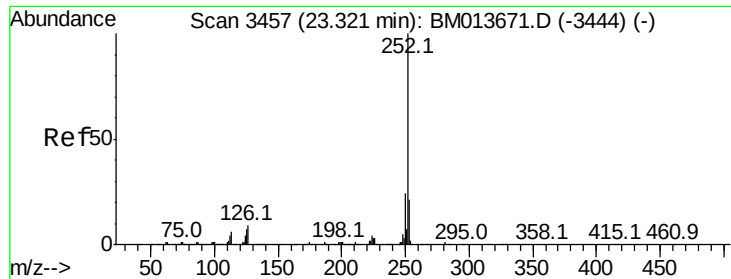
Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Tgt Ion:	252	Resp:	241507
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	6.5	3.4	5.2#

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





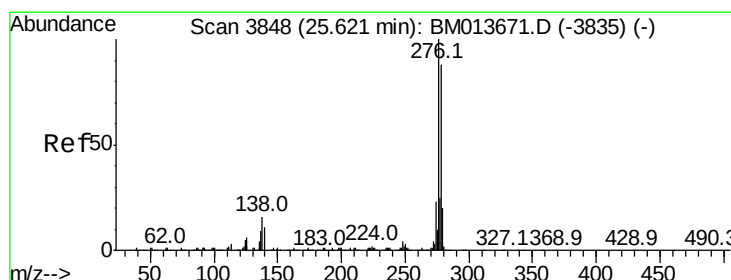
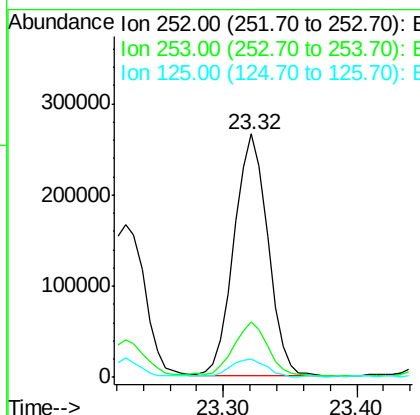
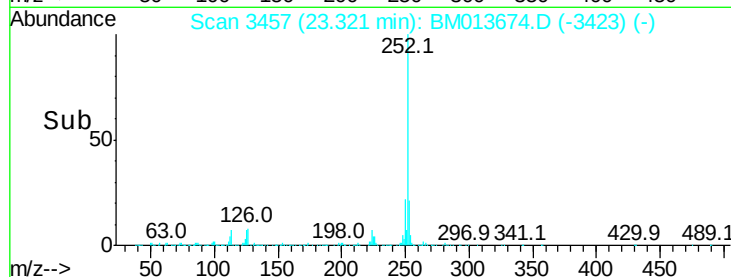
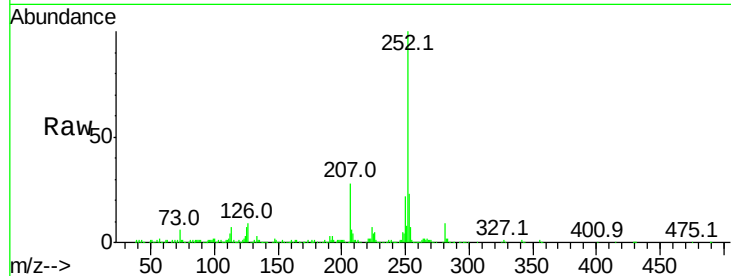
#88
Benzo(a)pyrene
Concen: 10.718 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Instrument :
BNA_M
ClientSampleId :
B0AE7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	7.3	4.0	6.0

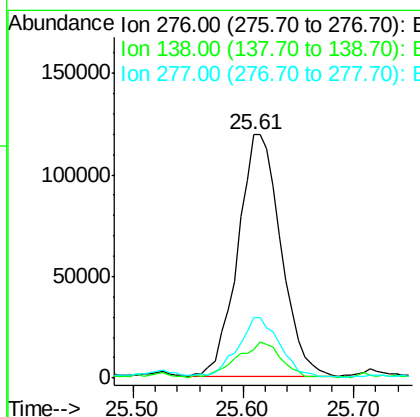
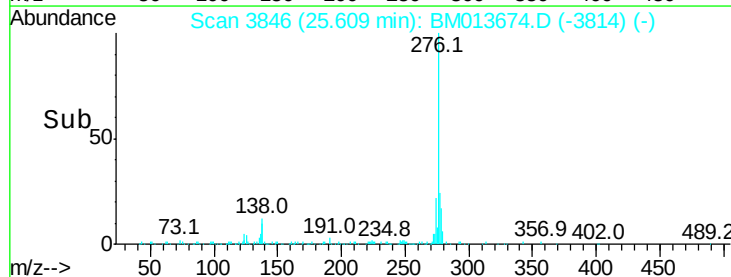
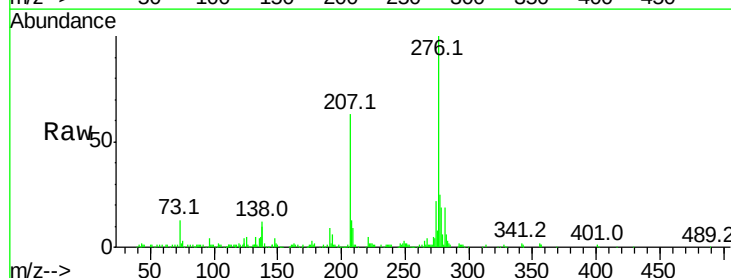
Manual Integrations
APPROVED

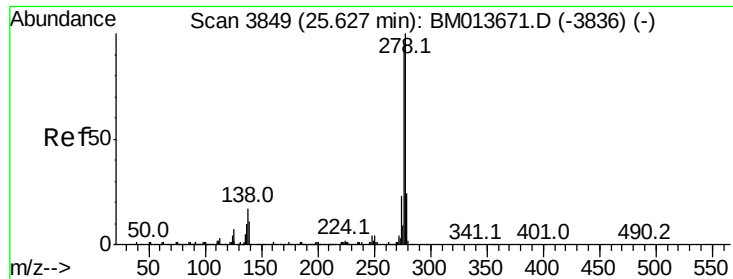
Sohil
1/22/2018 2:40:01 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 6.321 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013674.D
Acq: 20 Jan 2018 10:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	9.3	13.9
277	24.7	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.856 ng/ul m

RT: 25.62 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Instrument :

BNA_M

ClientSampleId :

B0AE7

Tot Ion:278 Resp: 80634

Ion Ratio Lower Upper

278 100

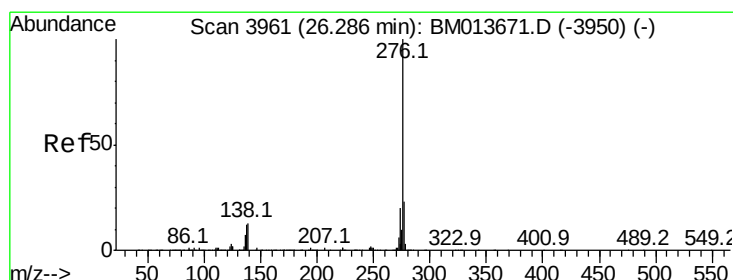
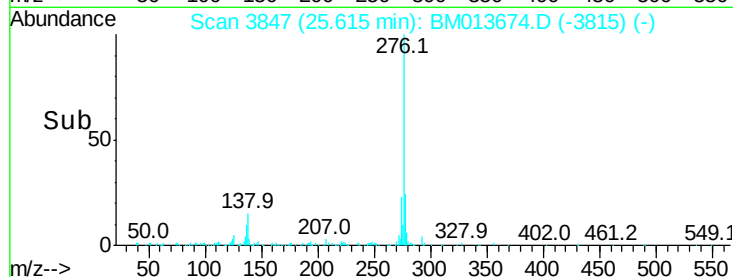
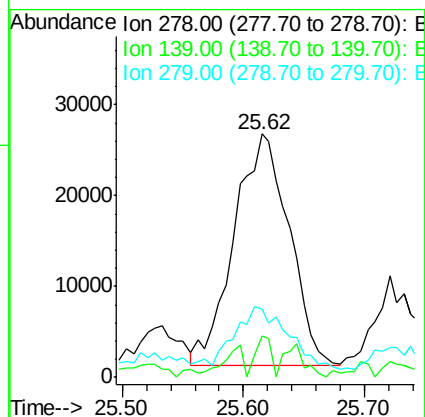
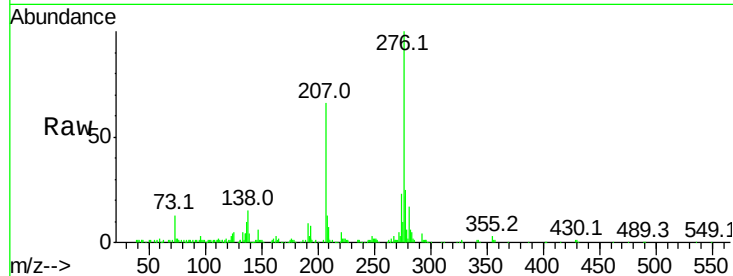
139 16.9 5.8 8.8#

279 27.8 18.6 27.8

Manual Integrations
APPROVED

Sohil

1/22/2018 2:40:01 PM



#91

Benzo(g,h,i)perylene

Concen: 6.307 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.00 min

Lab File: BM013674.D

Acq: 20 Jan 2018 10:31

Tgt Ion:276 Resp: 267050

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 26.2 18.6 28.0

