

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017262.D
 Acq On : 20 Oct 2018 13:14
 Operator : MJ/SJ
 Sample : J5538-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NL 7

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:39 PM

Quant Time: Oct 22 04:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	278075	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1172610	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	707547	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1684771	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1881060	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1670484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1850092	112.53	ng	0.00
7) Phenol-d6	6.85	99	2300486	102.74	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1690414	84.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1221269	127.63	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3877661	72.92	ng	-0.01
79) Terphenyl-d14	19.70	244	6764569	81.06	ng	0.00
Target Compounds						
10) Phenol	6.87	94	146543	6.081	ng	92
31) Naphthalene	10.49	128	119650	2.082	ng	97
32) Benzoic acid	9.70	122	58426m	5.349	ng	
50) Dimethylphthalate	13.77	163	242036	4.434	ng	99

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

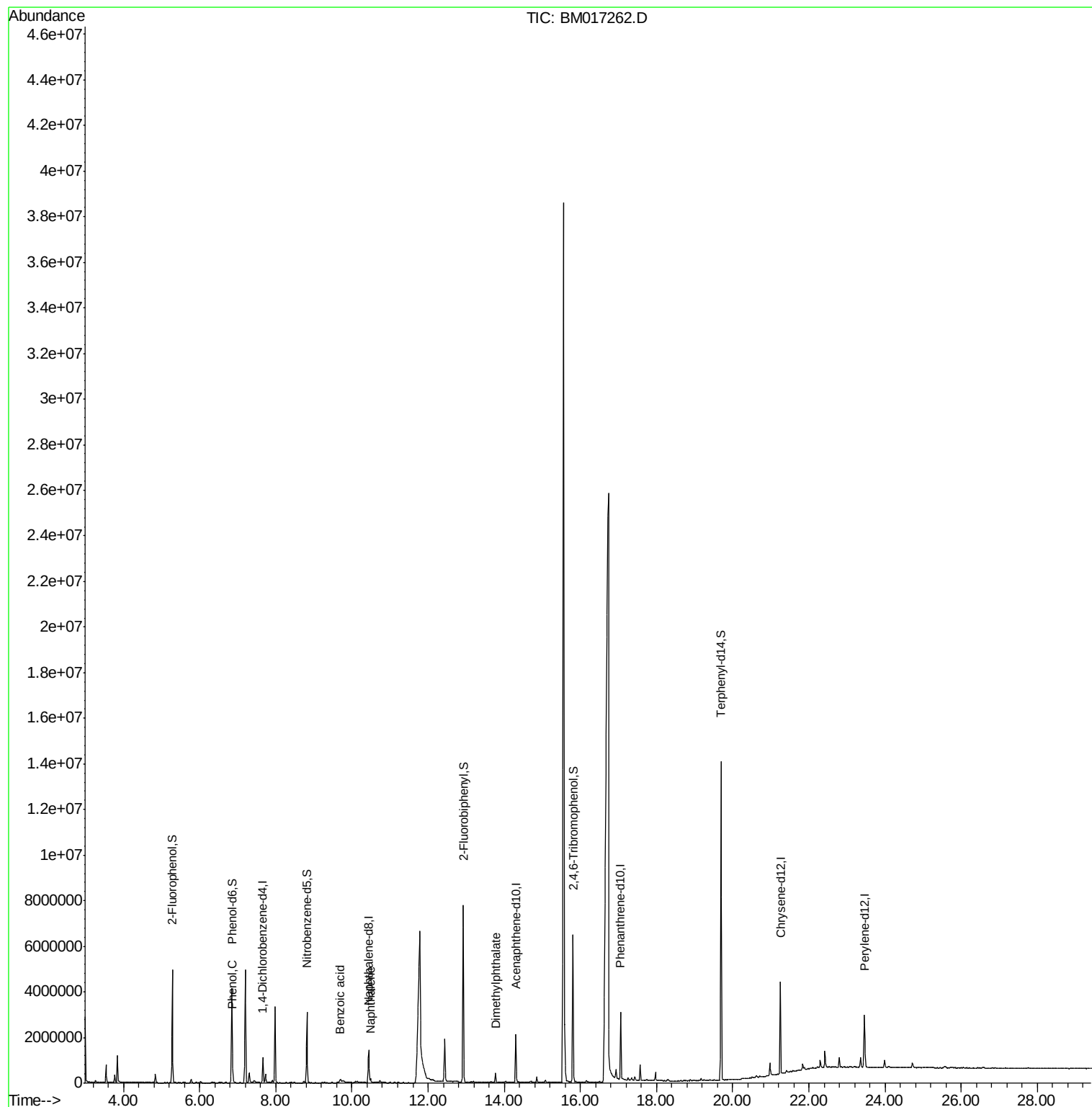
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017262.D
Acq On : 20 Oct 2018 13:14
Operator : MJ/SJ
Sample : J5538-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

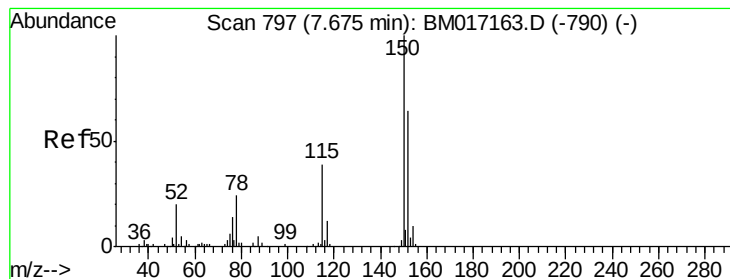
Instrument :
BNA_M
ClientSampleId :
NL_7

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:39 PM

Quant Time: Oct 22 04:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration





#1

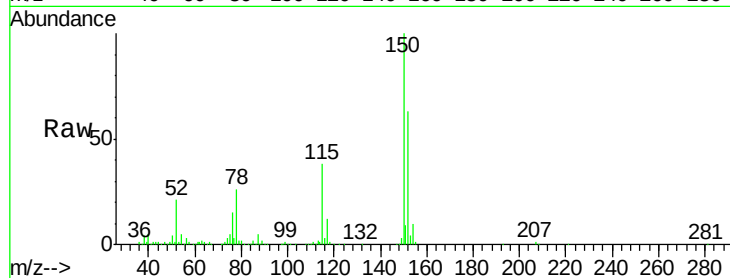
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :
NL_7

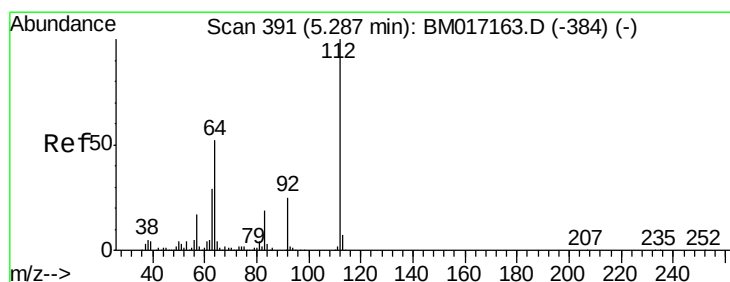
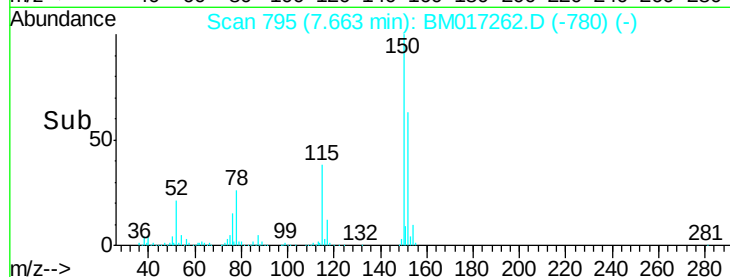
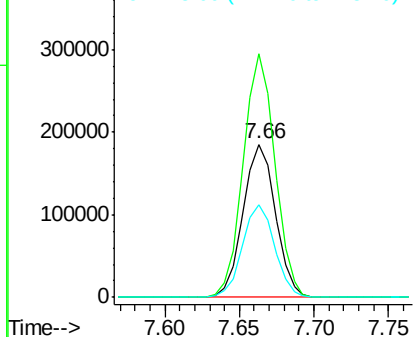
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	60.5	48.1	72.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:39 PM



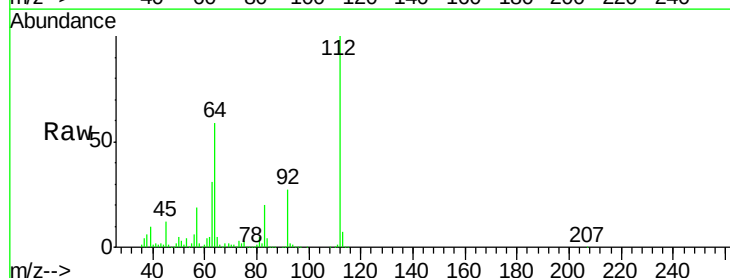
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



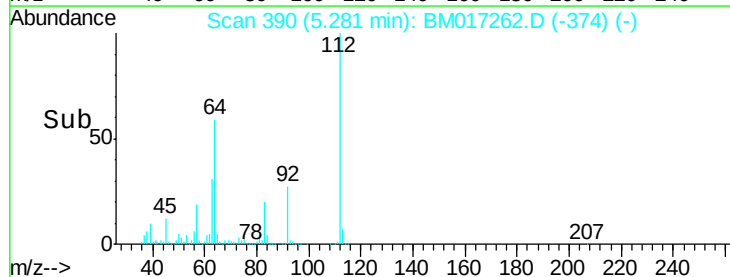
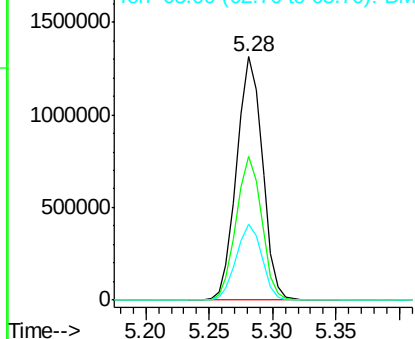
#5

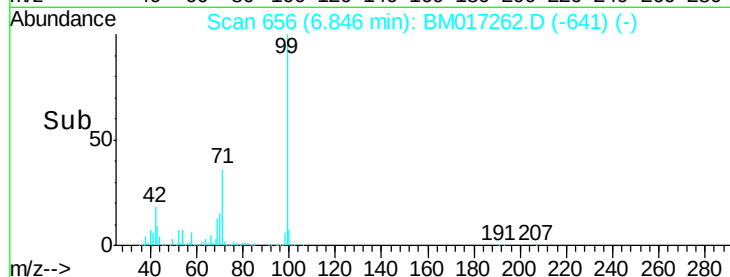
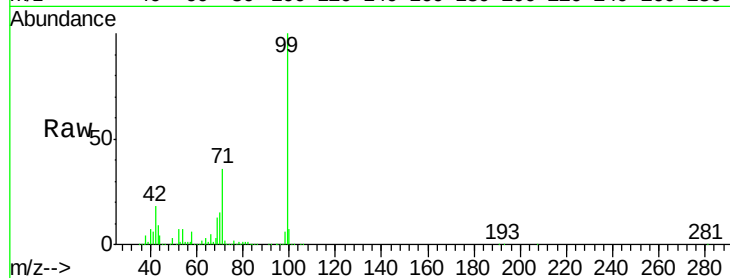
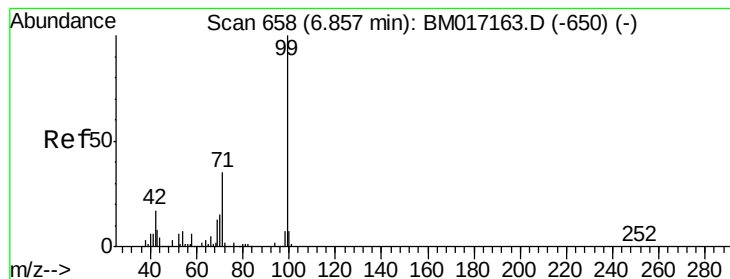
2-Fluorophenol
Concen: 112.528 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	41.7	62.5
63	31.3	23.0	34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 102.737 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Tgt Ion:	99	Resp:	2300486
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.3	19.9
71	36.1	28.0	42.0

Instrument :

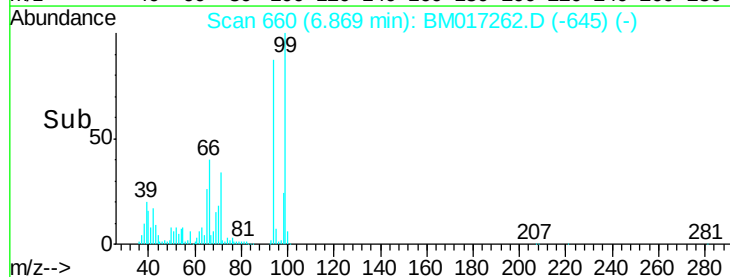
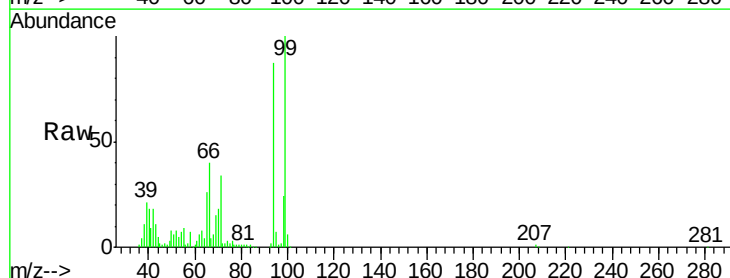
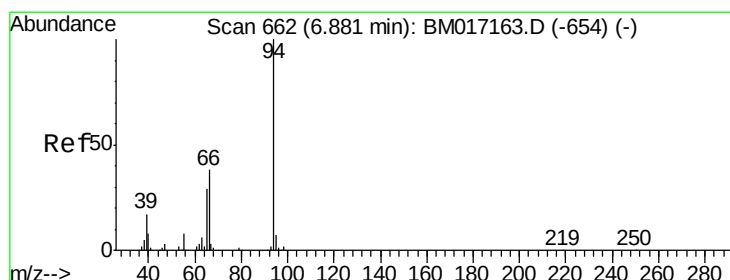
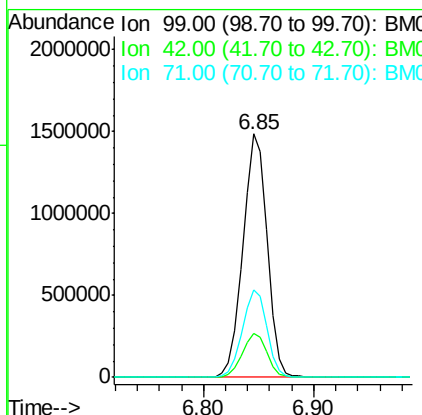
BNA_M

ClientSampled :

NL 7

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:39 PM



#10

Phenol

Concen: 6.081 ng

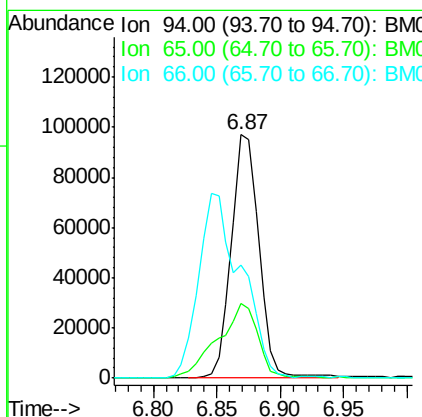
RT: 6.87 min Scan# 660

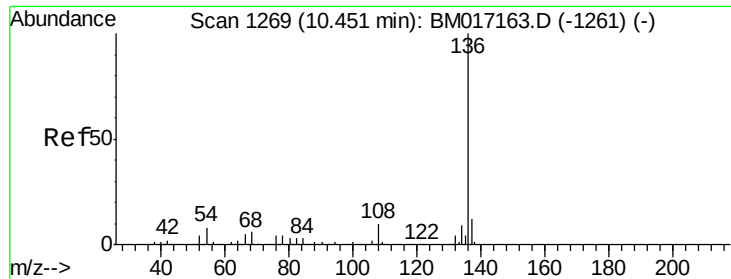
Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Tgt Ion:	94	Resp:	146543
Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.4	49.4
66	46.5	19.0	59.0





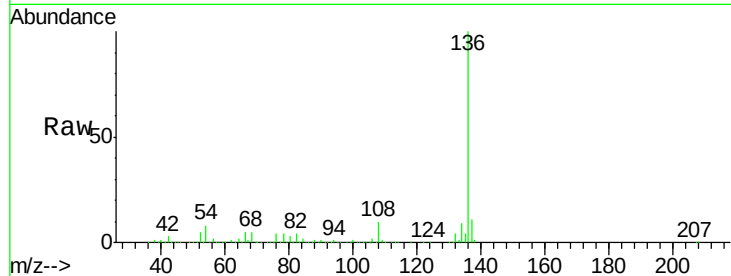
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampled :
NL 7

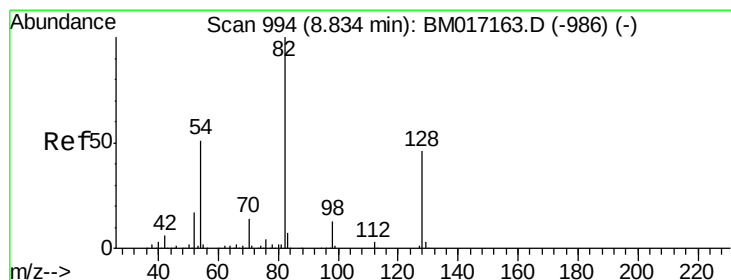
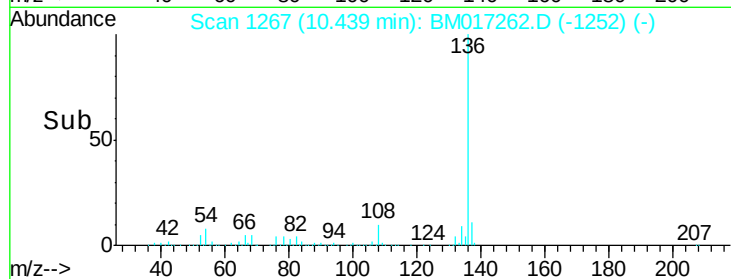
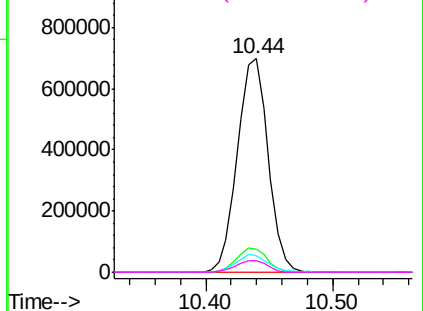
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.0	6.7	10.1
68	5.4	4.7	7.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:39 PM

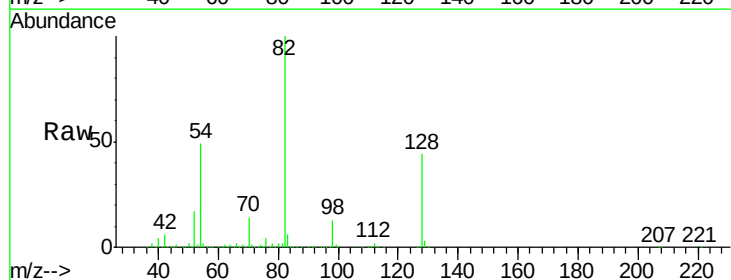


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

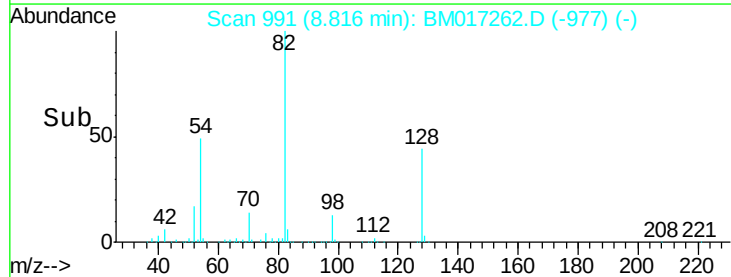
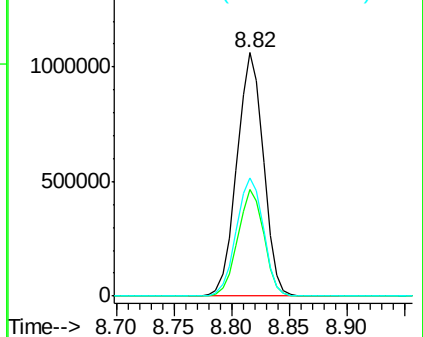


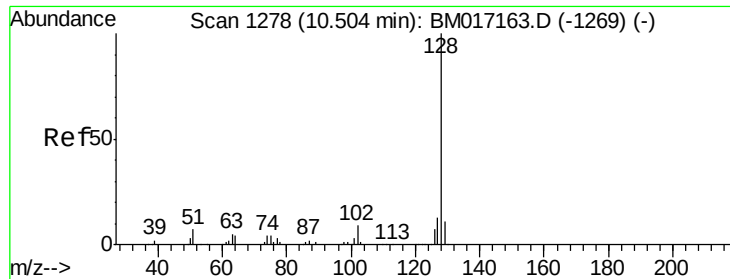
#23
Nitrobenzene-d5
Concen: 84.312 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.6
54	48.8	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





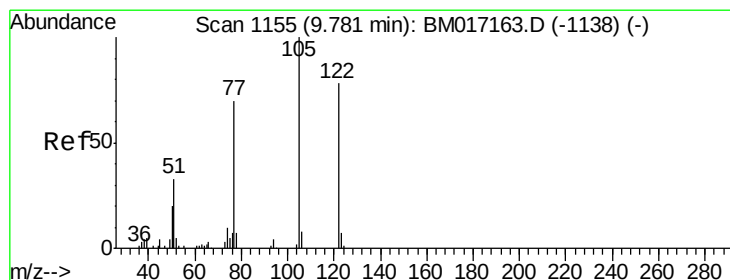
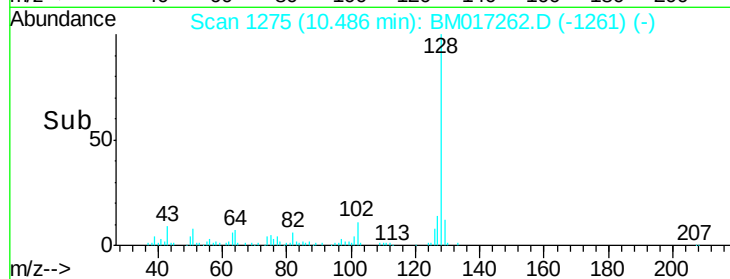
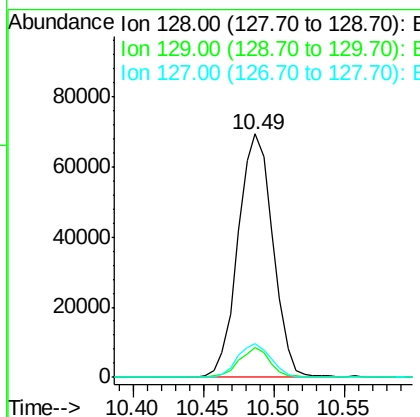
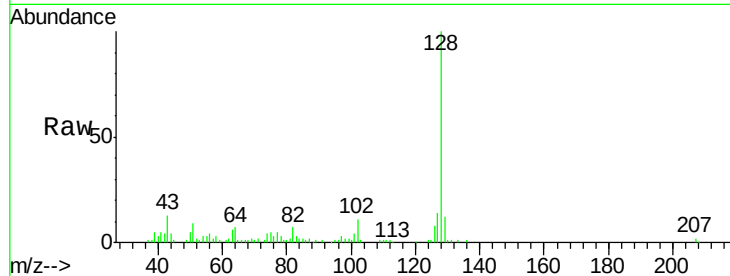
#31
Naphthalene
Concen: 2.082 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :
NL_7

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	119650		
129	12.0	8.5	12.7	
127	13.8	10.3	15.5	

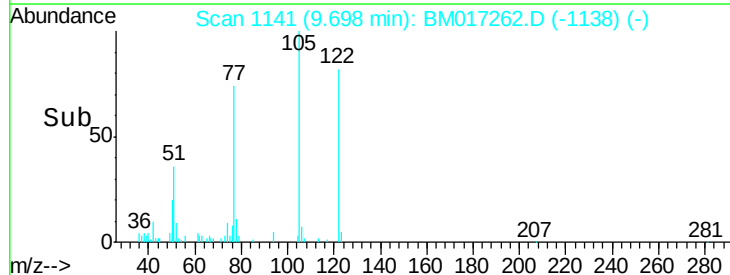
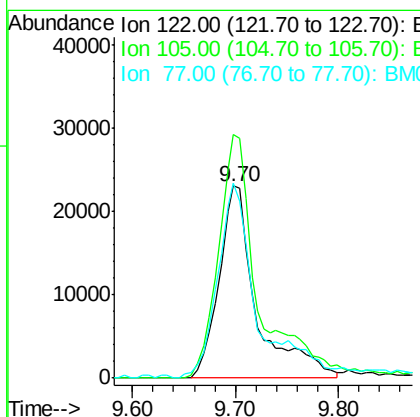
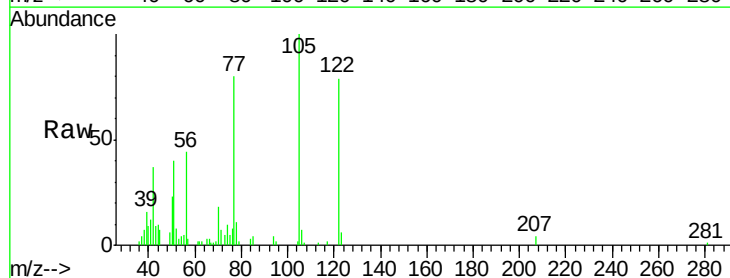
Manual Integrations
APPROVED

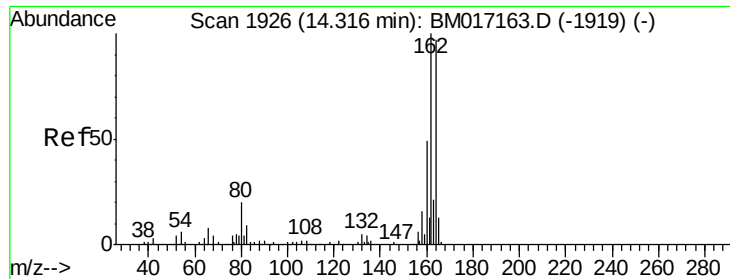
Sohil
10/22/2018 1:09:39 PM



#32
Benzoic acid
Concen: 5.349 ng m
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58426		
105	126.9	102.0	142.0	
77	101.5	67.7	107.7	





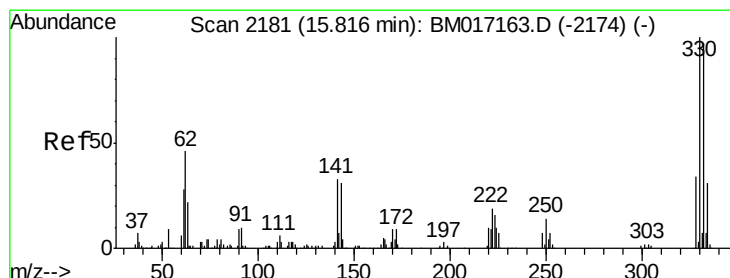
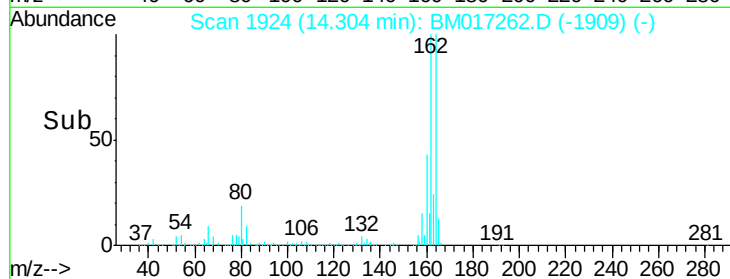
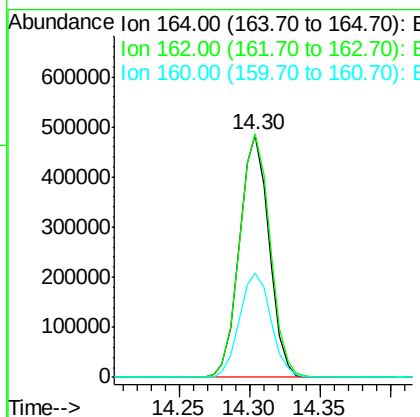
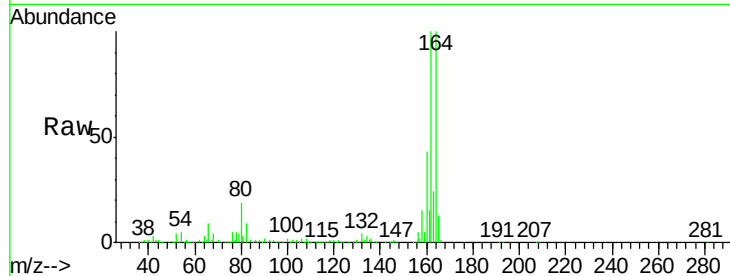
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampled :
NL 7

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.1	123.1
160	43.1	40.2	60.2

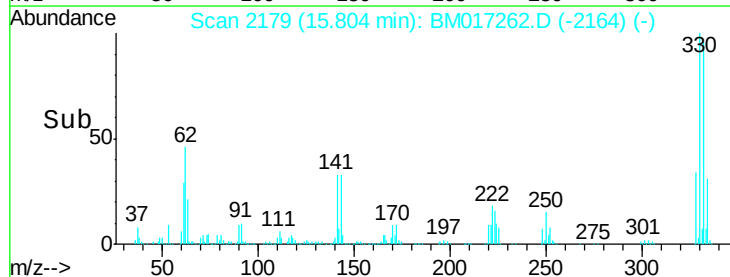
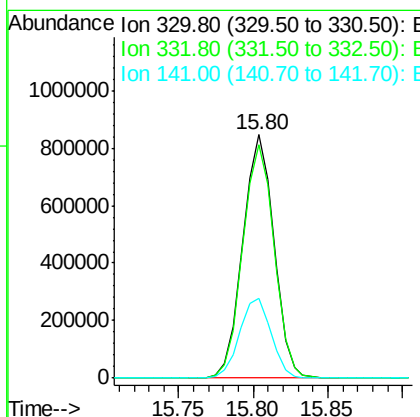
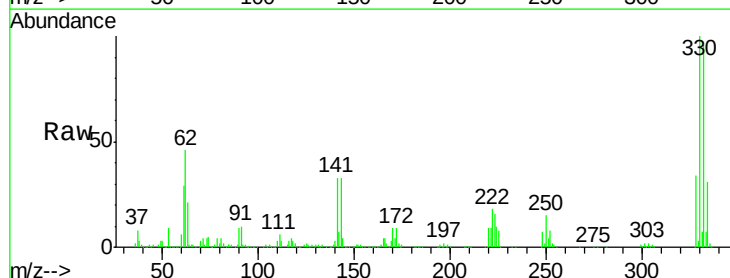
Manual Integrations
APPROVED

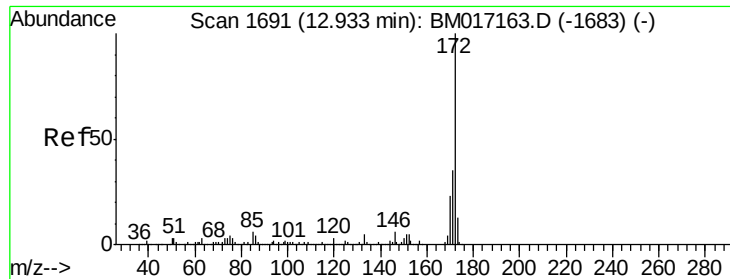
Sohil
10/22/2018 1:09:39 PM



#42
2,4,6-Tribromophenol
Concen: 127.634 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.4	27.4	41.0





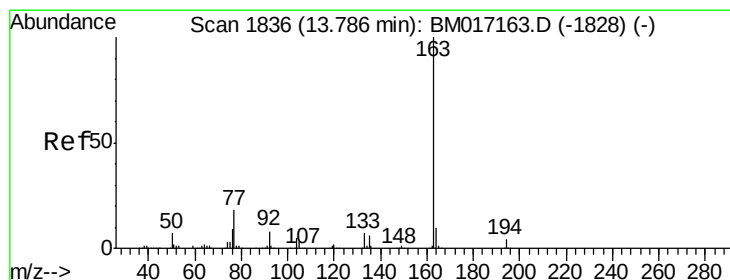
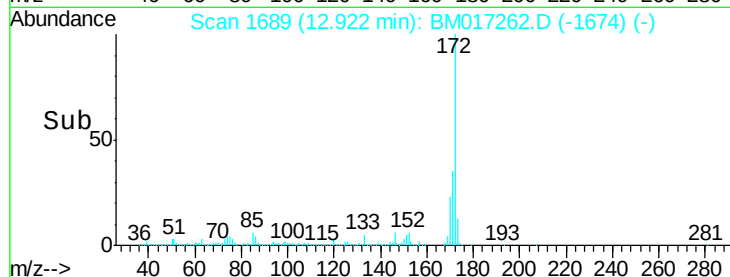
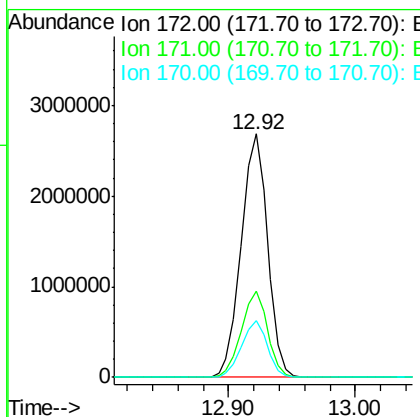
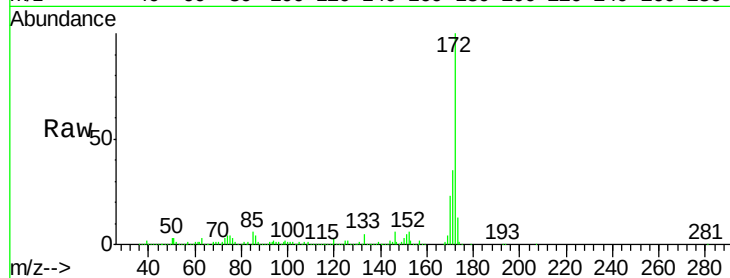
#45
 2-Fluorobiphenyl
 Concen: 72.919 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

Instrument :
 BNA_M
 ClientSampleId :
 NL_7

Tgt Ion:172 Resp: 3877661
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 18.3 27.5

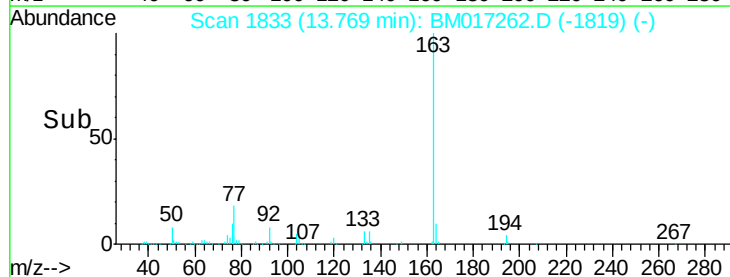
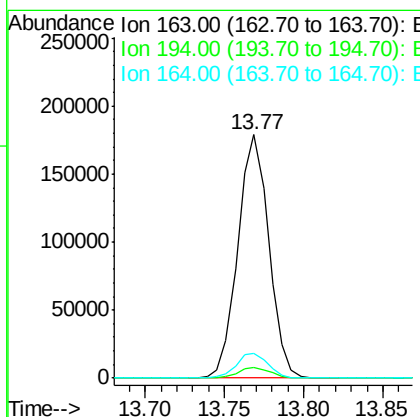
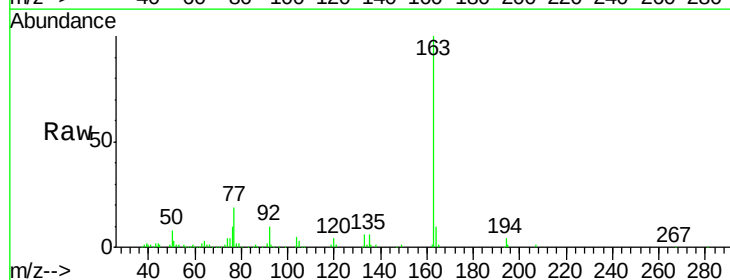
Manual Integrations
 APPROVED

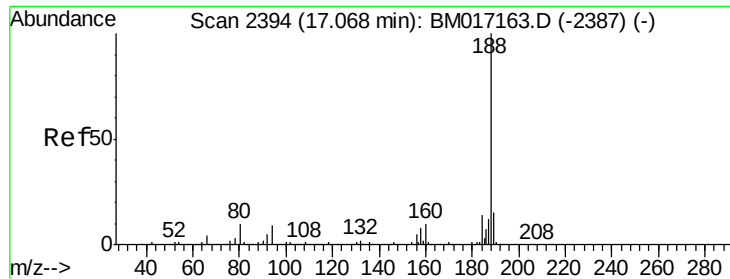
Sohil
 10/22/2018 1:09:39 PM



#50
 Dimethylphthalate
 Concen: 4.434 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM017262.D
 Acq: 20 Oct 2018 13:14

Tgt Ion:163 Resp: 242036
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.3 4.9
 164 10.0 7.8 11.8





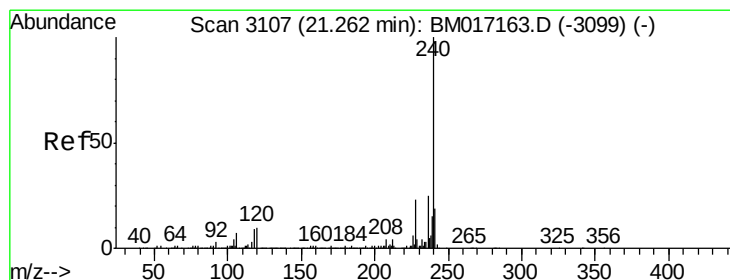
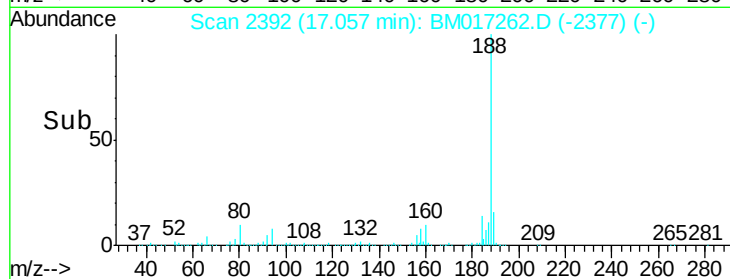
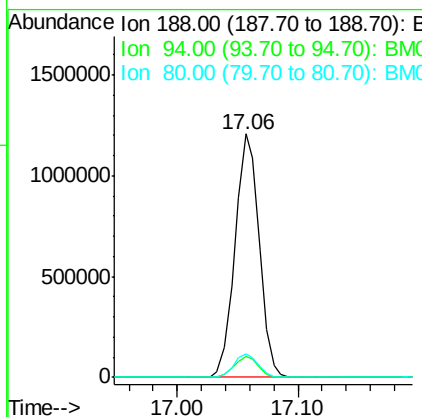
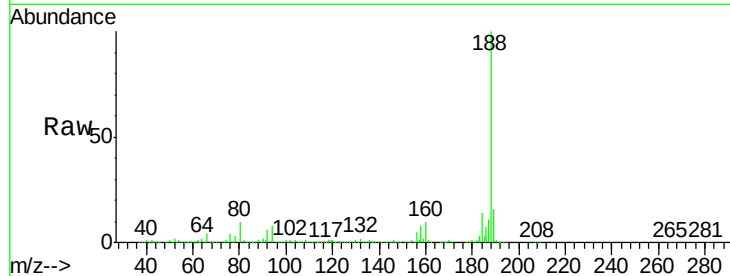
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Instrument :
BNA_M
ClientSampleId :
NL_7

Tgt Ion:188 Resp: 1684771
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.9 7.7 11.5

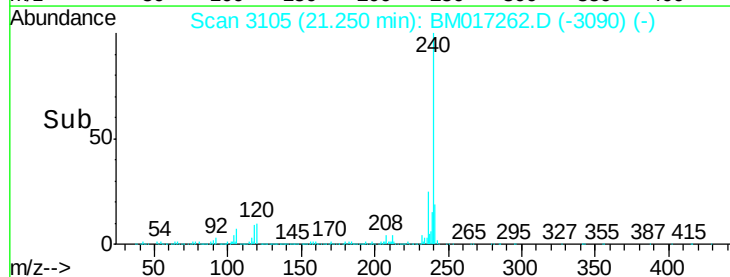
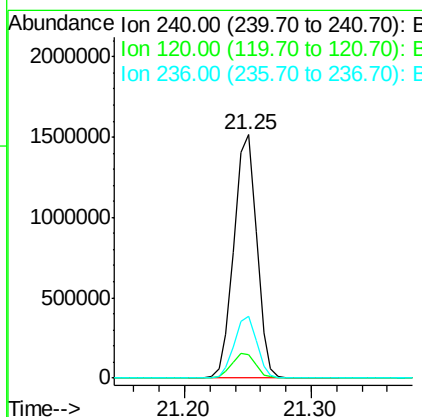
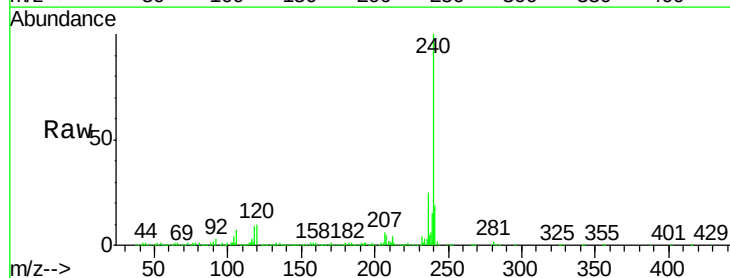
Manual Integrations
APPROVED

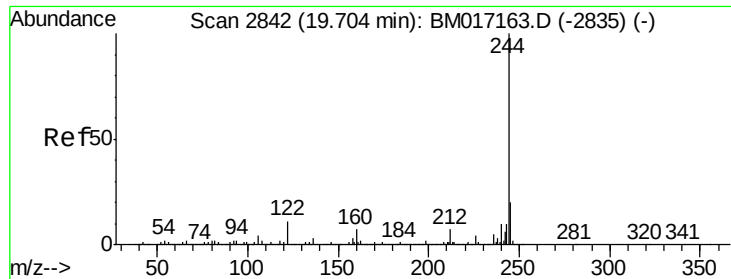
Sohil
10/22/2018 1:09:39 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017262.D
Acq: 20 Oct 2018 13:14

Tgt Ion:240 Resp: 1881060
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 25.3 19.9 29.9





#79

Terphenyl-d14

Concen: 81.057 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

Instrument :

BNA_M

ClientSampleId :

NL 7

Tgt Ion:244 Resp: 6764569

Ion Ratio Lower Upper

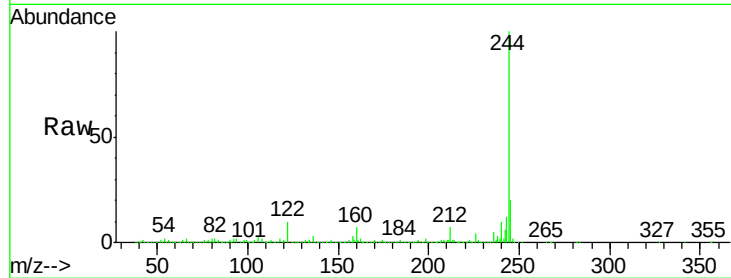
244 100

212 7.0 5.5 8.3

122 10.0 8.4 12.6

Manual Integrations
APPROVED

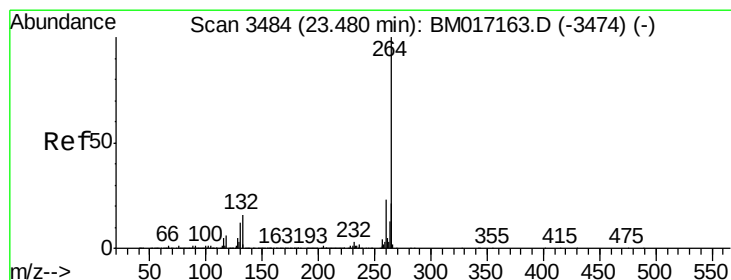
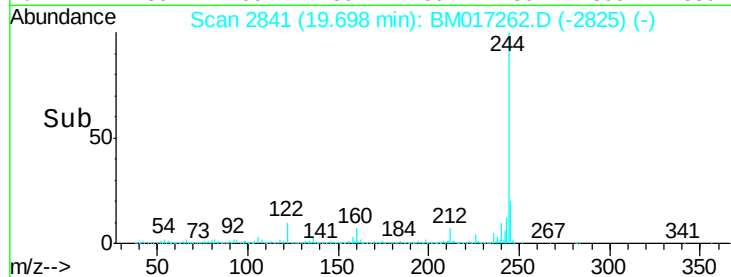
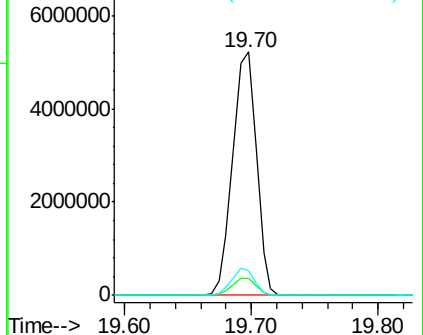
Sohil
10/22/2018 1:09:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017262.D

Acq: 20 Oct 2018 13:14

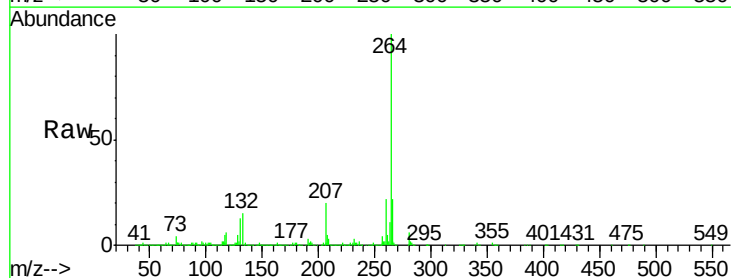
Tgt Ion:264 Resp: 1670484

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.7 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

