

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018995.D
 Acq On : 01 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1665-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200031

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:01 PM

Quant Time: Mar 02 02:42:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	287434	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1149008	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	659589	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1420118	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1182068	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1120749	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2578483	146.98	ng	-0.02
7) Phenol-d6	6.86	99	3709502	150.10	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2304412	92.73	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1425341	149.91	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4575200	92.08	ng	-0.03
79) Terphenyl-d14	19.73	244	6013089	104.94	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.80	163	311867	5.673	ng	99
75) Fluoranthene	19.15	202	324125	3.677	ng	98
78) Pyrene	19.52	202	290119	4.226	ng	99
81) Benzo(a)anthracene	21.27	228	187794	2.725	ng	98
83) Chrysene	21.32	228	152816	2.314	ng	97
88) Benzo(b)fluoranthene	22.85	252	175984m	2.745	ng	

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

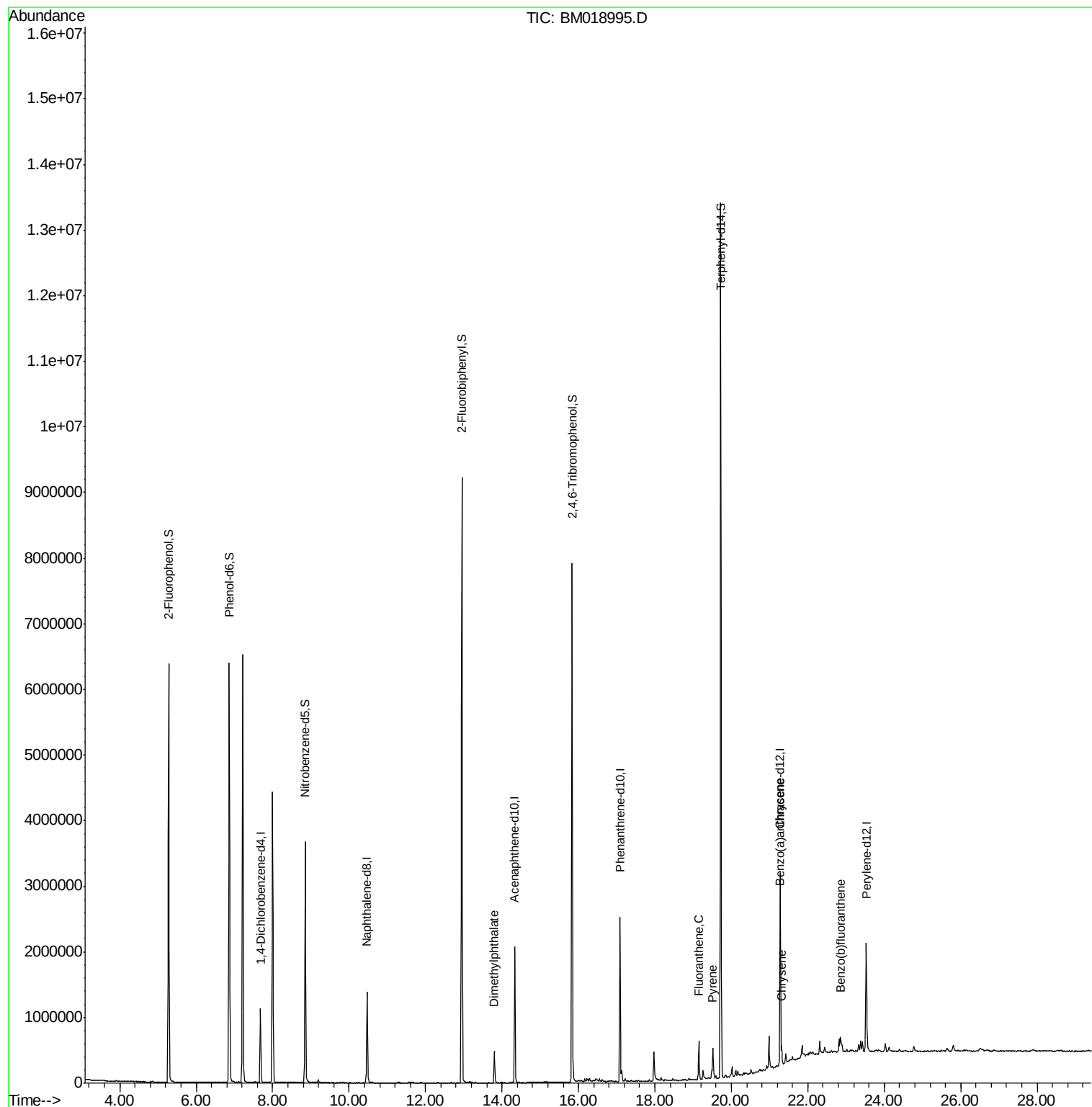
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018995.D
Acq On : 01 Mar 2019 20:08
Operator : JU/SJ
Sample : K1665-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

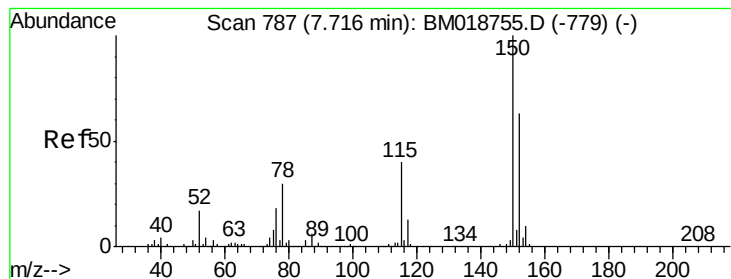
Instrument :
BNA_M
ClientSampleId :
200031

Manual Integrations
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Quant Time: Mar 02 02:42:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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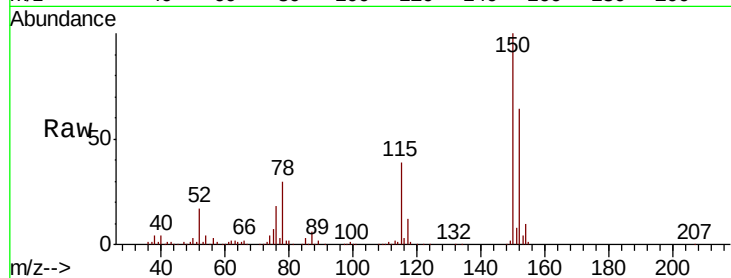
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Instrument :
 BNA_M
 ClientSampled :
 200031

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.3	190.9
115	60.8	50.8	76.2

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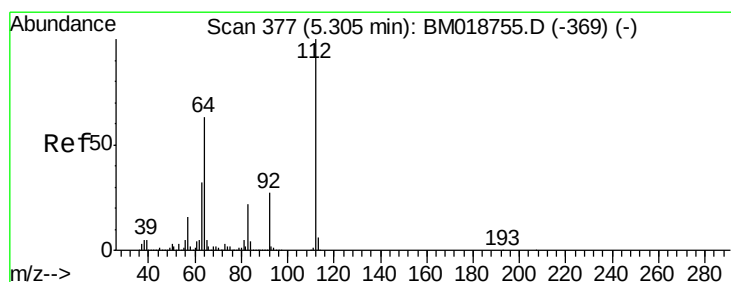
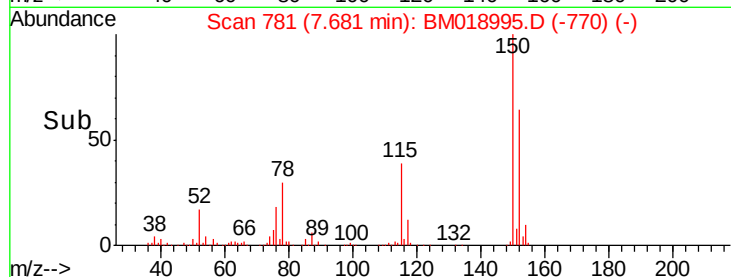
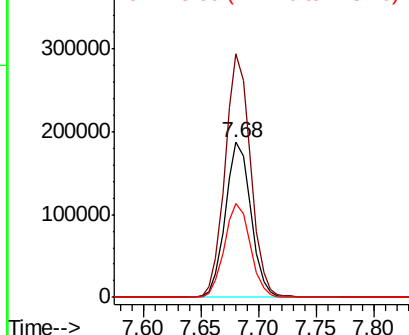


Abundance

Ion 152.00 (151.70 to 152.70): E

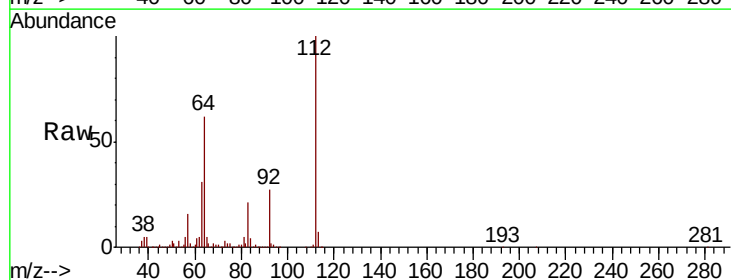
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 146.983 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	50.6	75.8
63	31.3	25.7	38.5

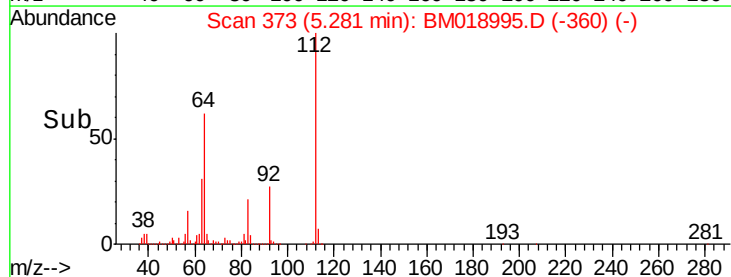
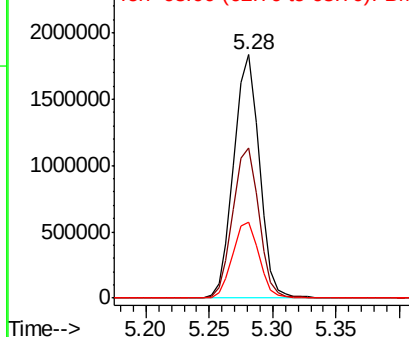


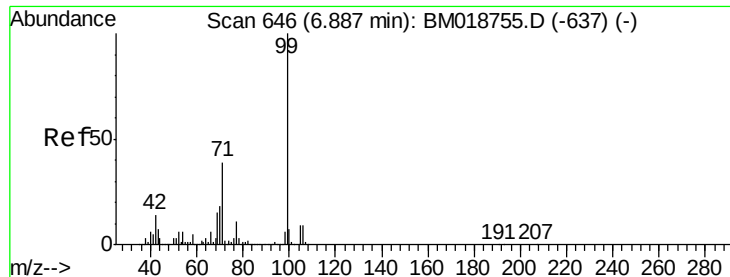
Abundance

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: 150.100 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

200031

Tot Ion: 99 Resp: 3709502

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

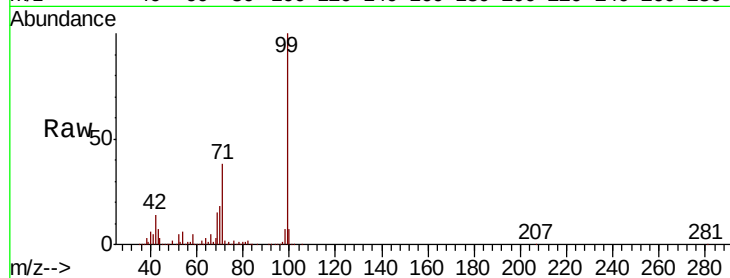
71 38.0 31.3 46.9

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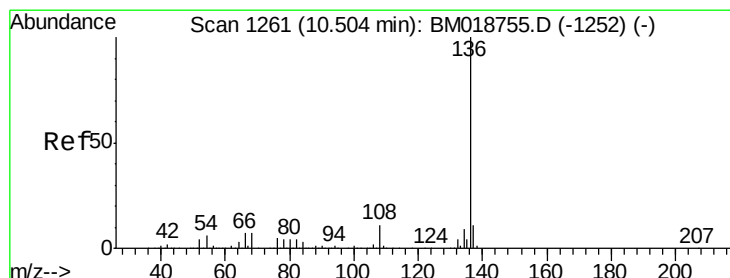
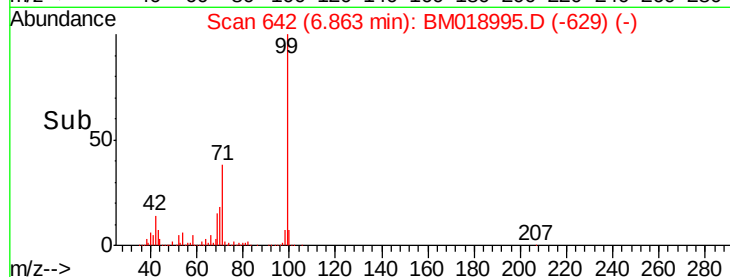
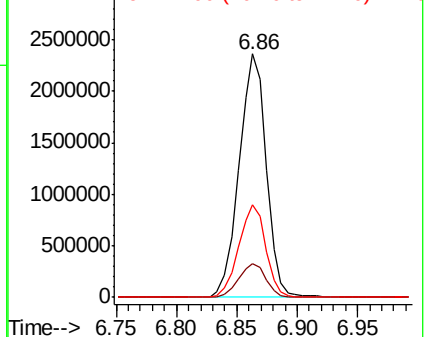


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Tgt Ion: 136 Resp: 1149008

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.0 7.6

68 7.6 5.5 8.3

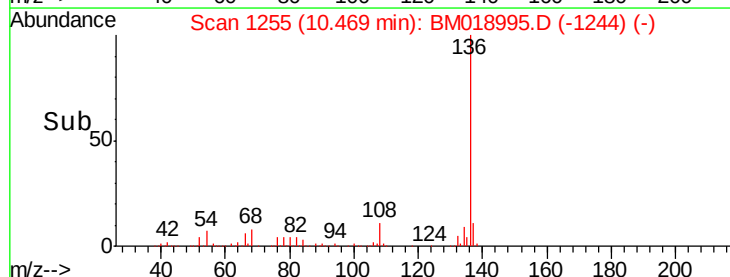
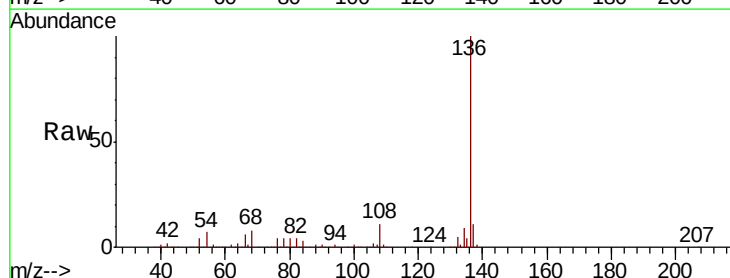
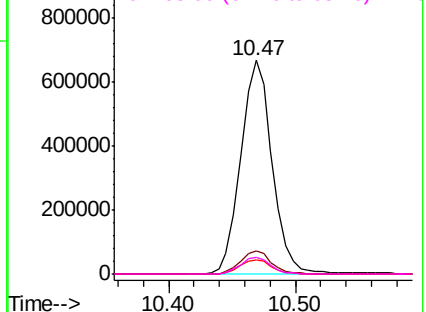
Abundance

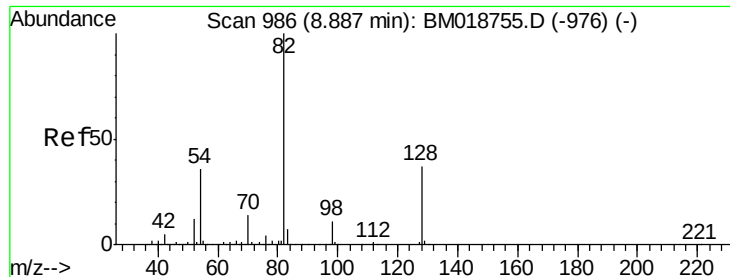
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)





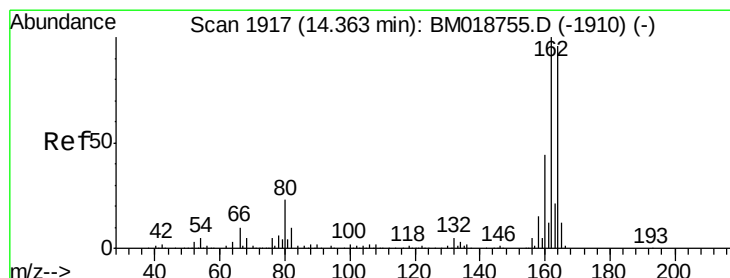
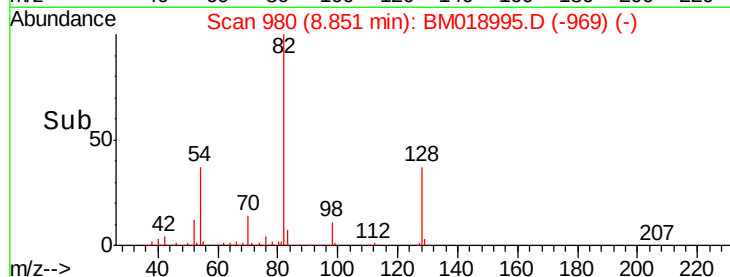
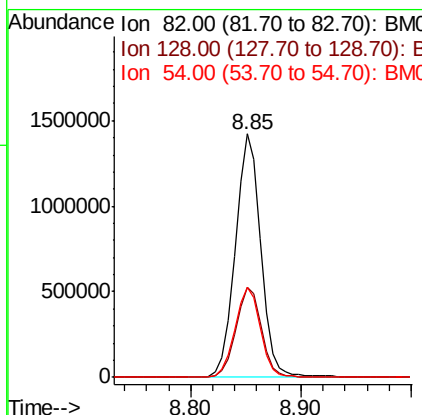
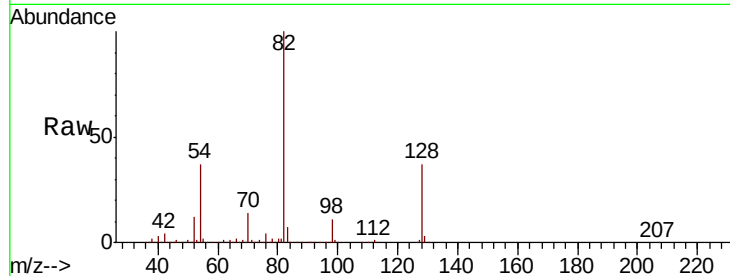
#23
Nitrobenzene-d5
Concen: 92.735 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Instrument :
BNA_M
ClientSampled :
200031

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	37.0	29.1	43.7

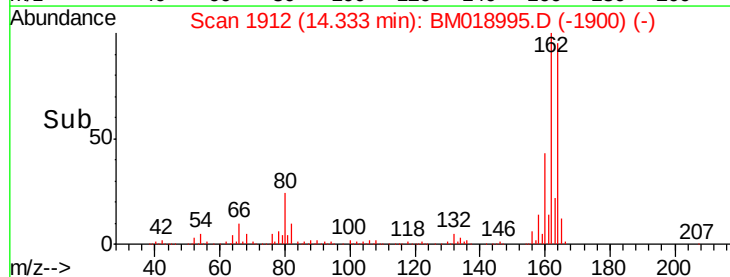
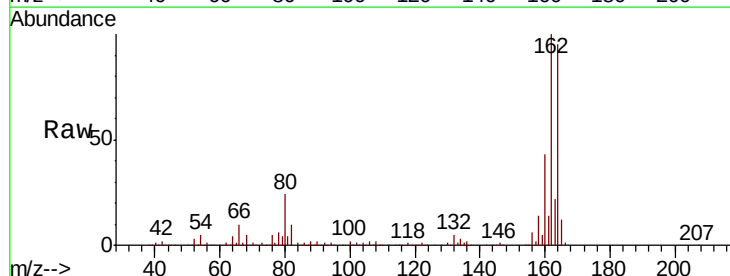
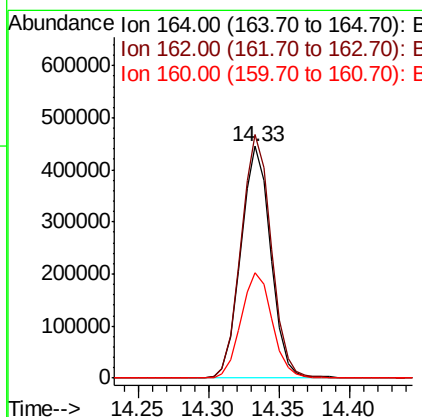
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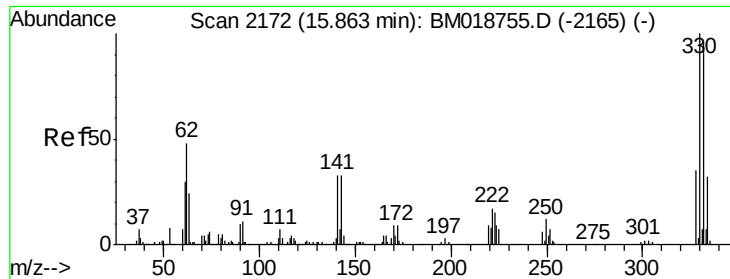
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.4	125.0
160	45.7	36.6	55.0





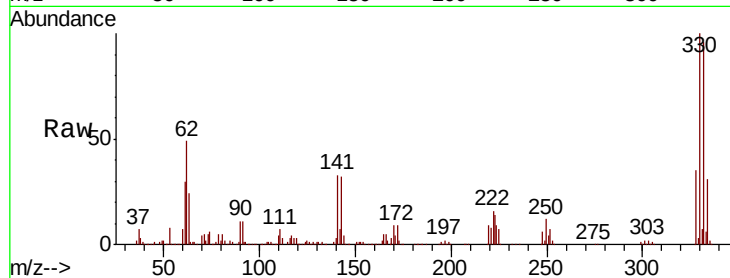
#42
 2,4,6-Tribromophenol
 Concen: 149.913 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Instrument :
 BNA_M
 ClientSampled :
 200031

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.3	28.7	43.1

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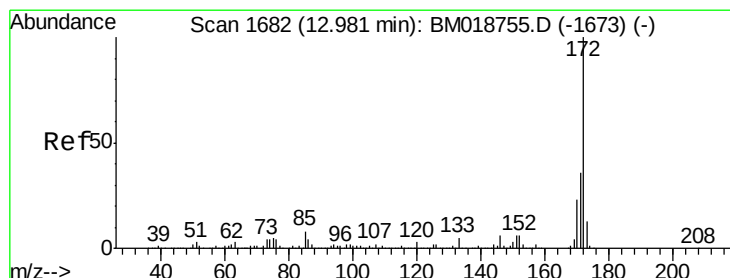
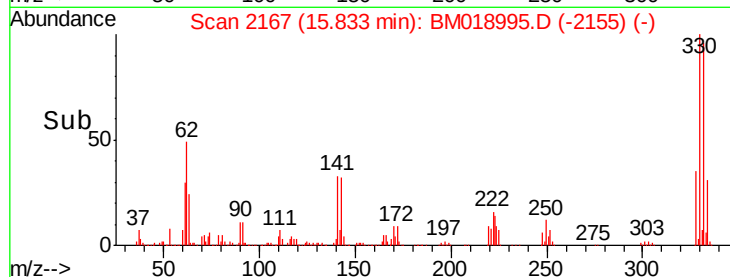
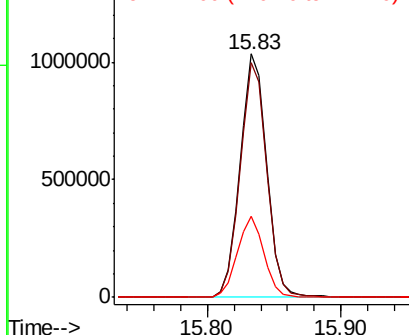


Abundance

Ion 329.80 (329.50 to 330.50): E

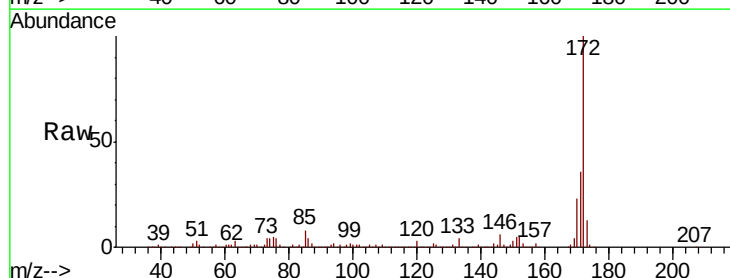
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.080 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018995.D
 Acq: 01 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.2	18.6	28.0

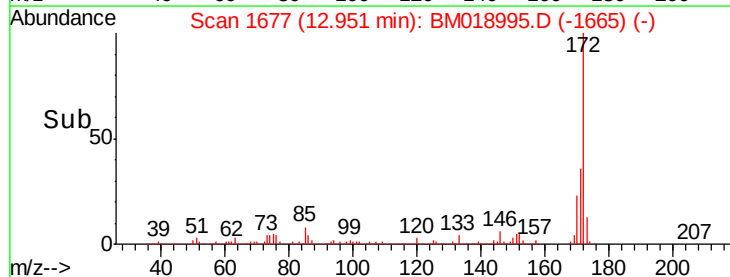
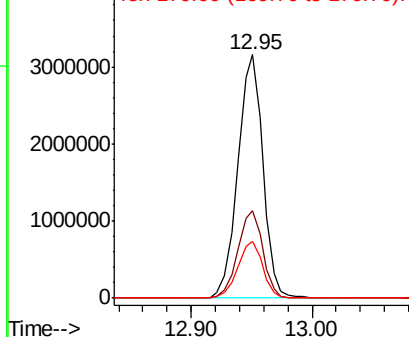


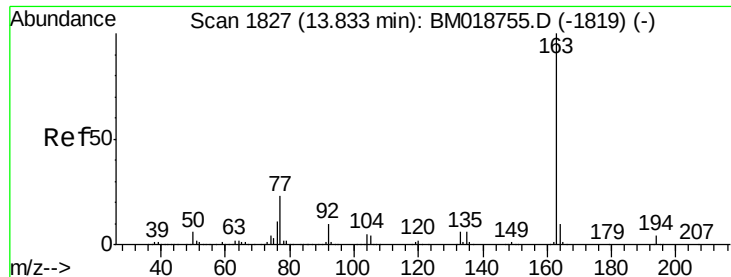
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





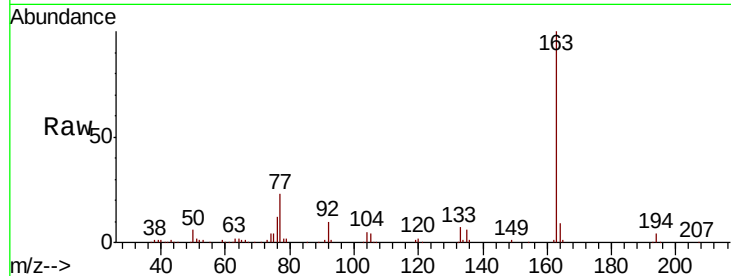
#50
Dimethylphthalate
Concen: 5.673 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Instrument :
BNA_M
ClientSampled :
200031

Tot Ion	Ratio	Resp	Lower	Upper
163	100	311867		
194	3.8		3.2	4.8
164	9.2		7.8	11.8

Manual Integrations
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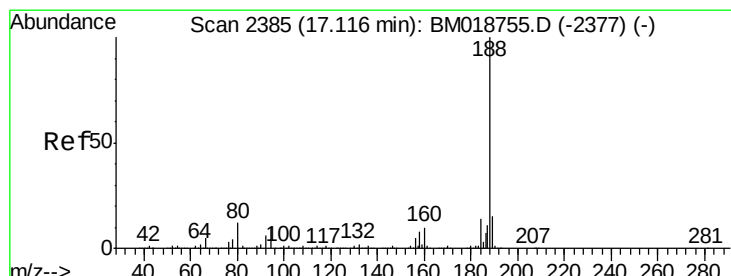
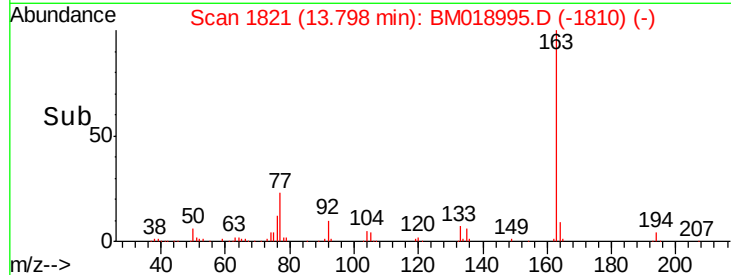
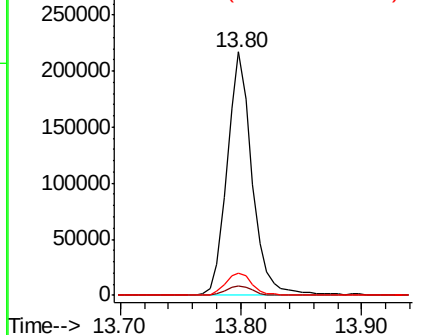


Abundance

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

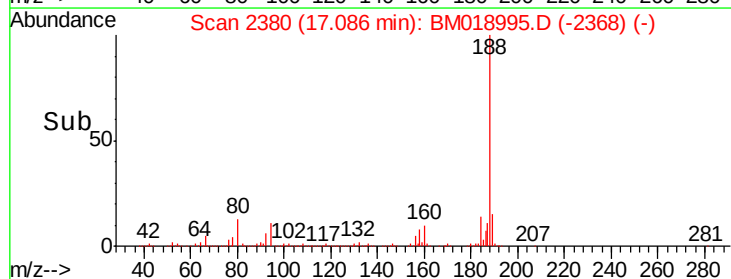
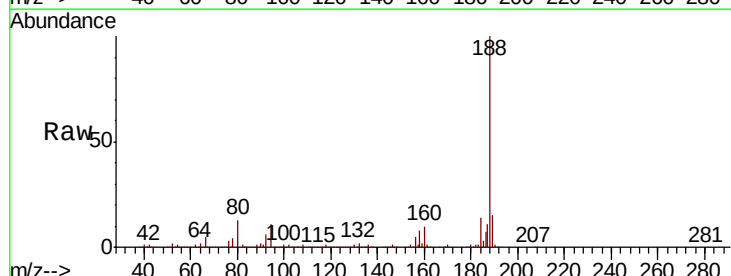
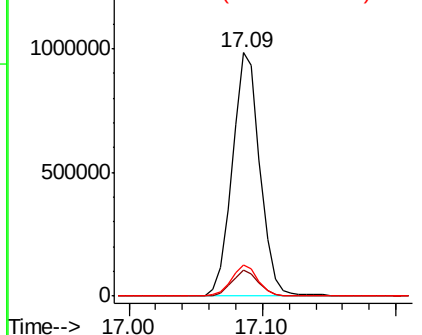
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1420118		
94	10.7		8.2	12.2
80	12.9		9.7	14.5

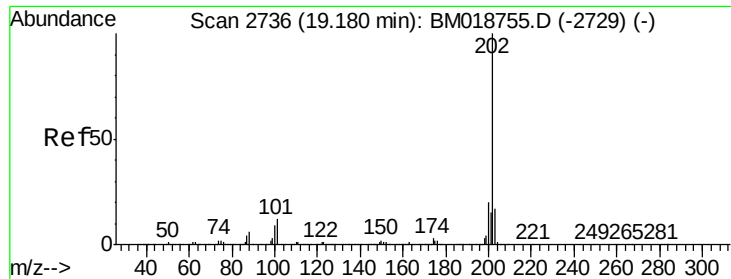
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 3.677 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

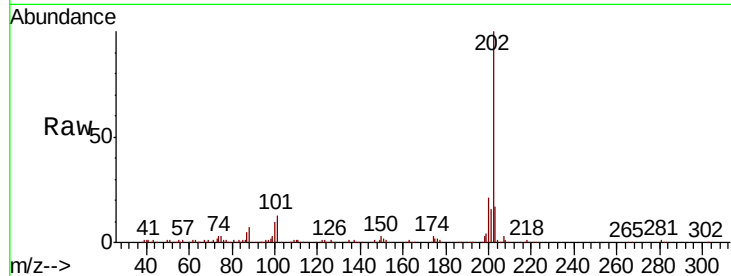
ClientSampleId :

200031

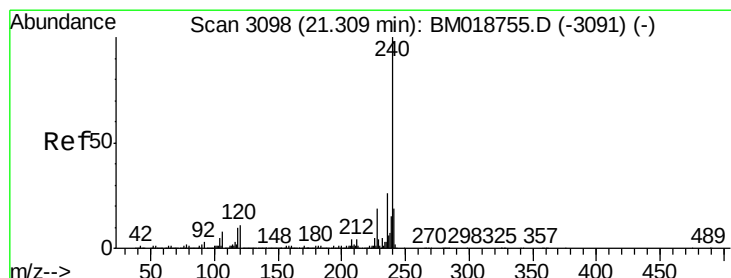
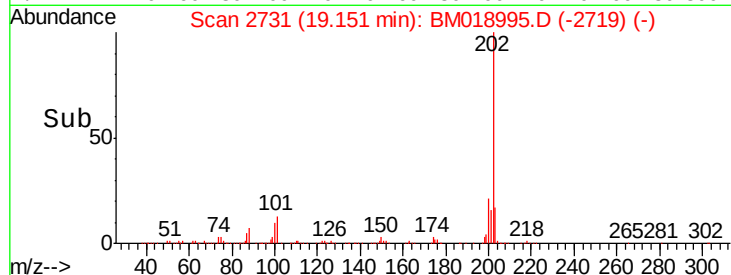
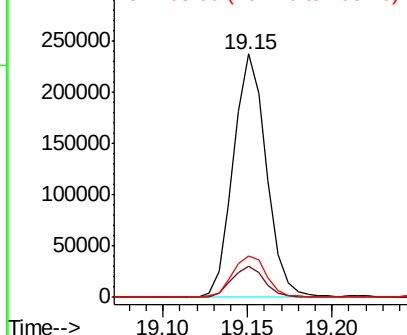
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		324125		
101	12.9	0.0	31.5		
203	17.1	0.0	37.3		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

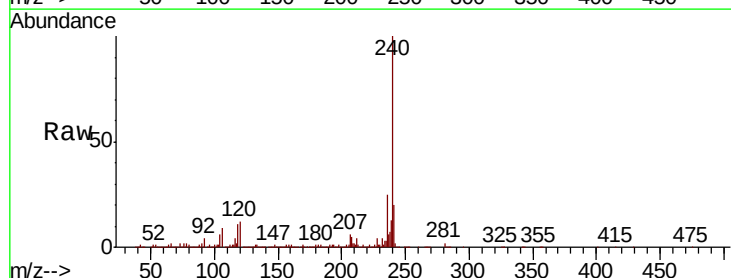
RT: 21.28 min Scan# 3093

Delta R.T. -0.03 min

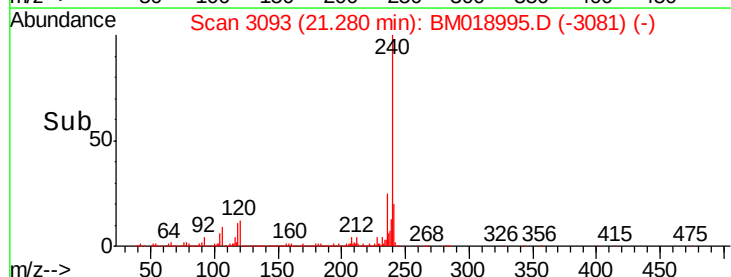
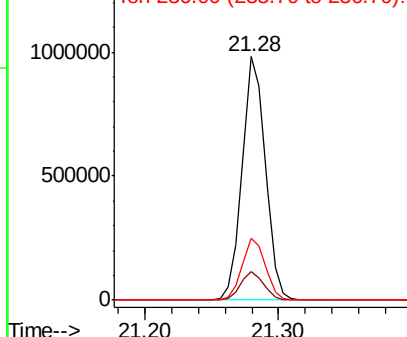
Lab File: BM018995.D

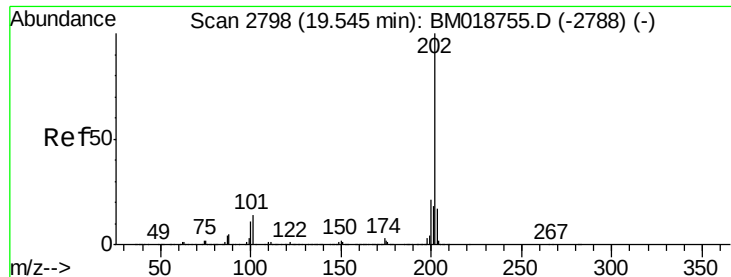
Acq: 01 Mar 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		1182068		
120	11.7	8.9	13.3		
236	25.5	20.9	31.3		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.226 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

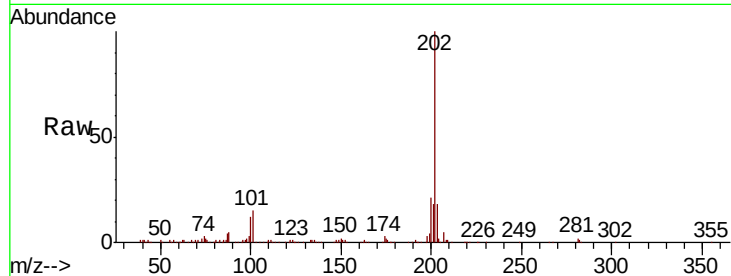
ClientSampleId :

200031

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		290119		
200	20.9	16.9	25.3		
203	18.1	13.8	20.8		

Manual Integrations
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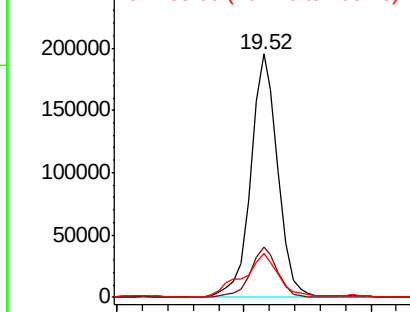


Abundance

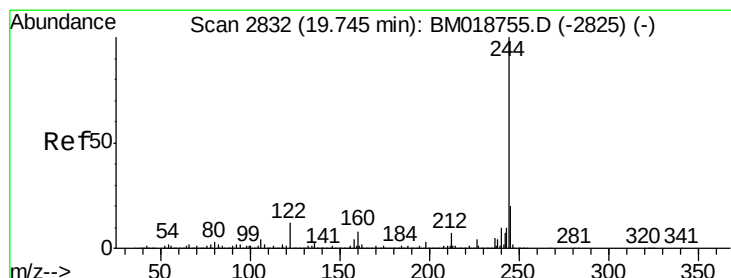
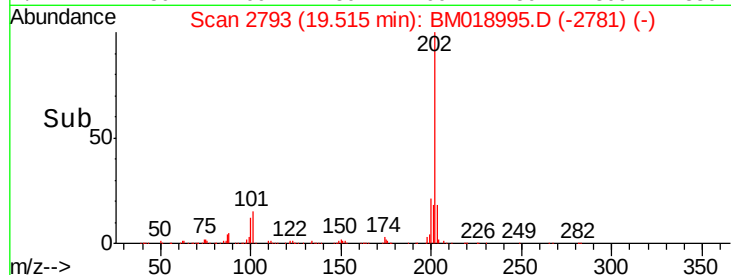
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60



#79

Terphenyl-d14

Concen: 104.938 ng

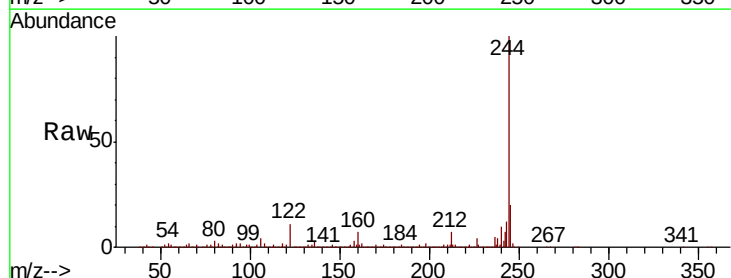
RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		6013089		
212	6.7	5.6	8.4		
122	10.6	9.3	13.9		

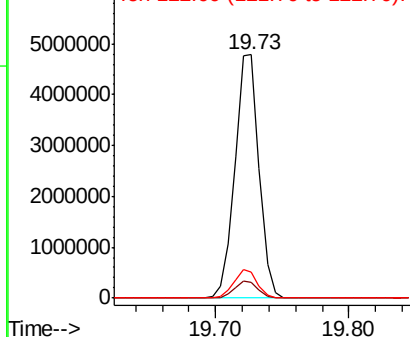


Abundance

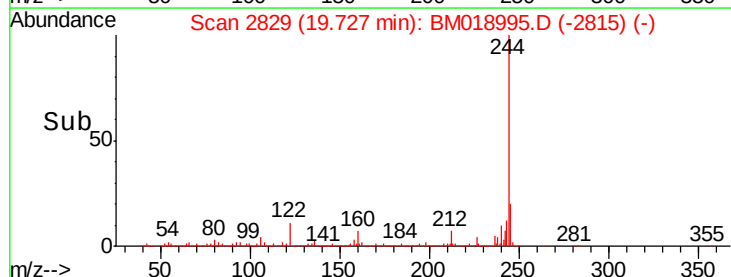
Ion 244.00 (243.70 to 244.70): E

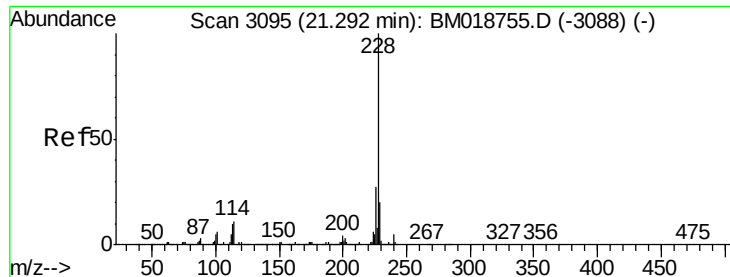
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.70 19.80





#81

Benzo(a)anthracene

Concen: 2.725 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

Instrument :

BNA_M

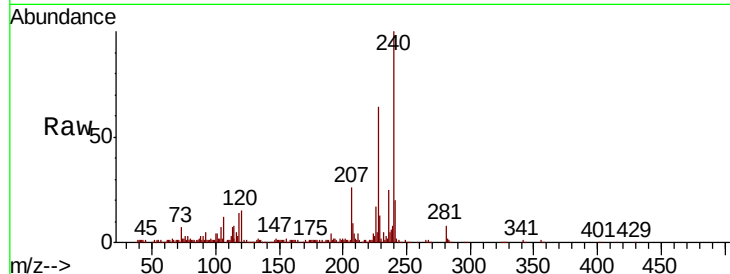
ClientSampleId :

200031

Tot Ion:	228	Resp:	187794
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.9	32.9
229	19.6	15.9	23.9

Manual Integrations
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3/4/2019 4:53:01 PM

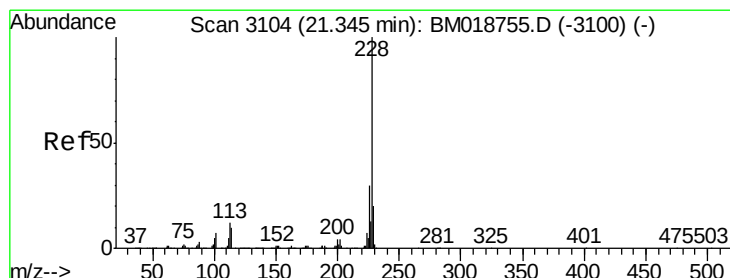
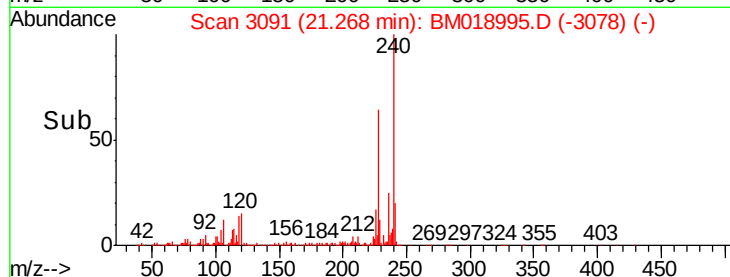
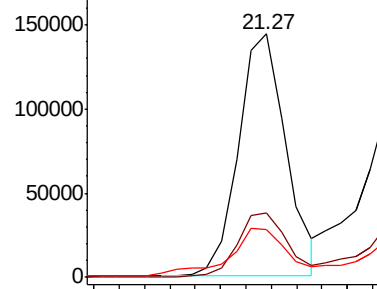


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.314 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM018995.D

Acq: 01 Mar 2019 20:08

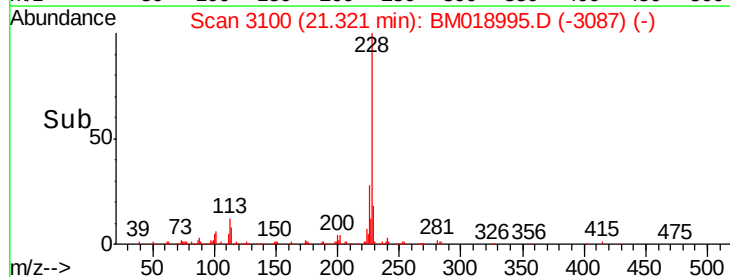
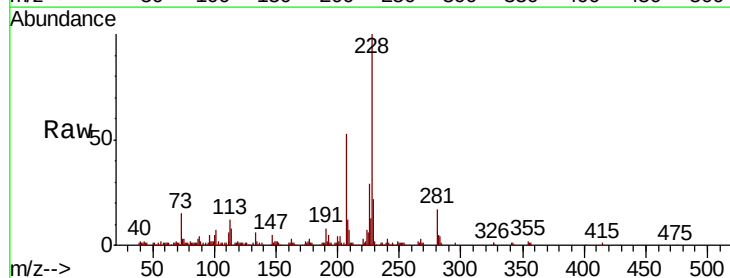
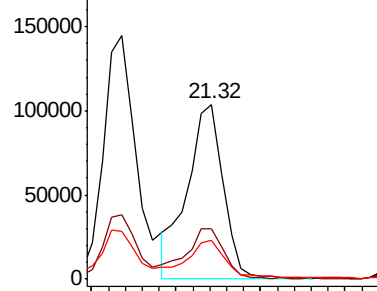
Tgt Ion:	228	Resp:	152816
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.1	36.1
229	22.2	16.0	24.0

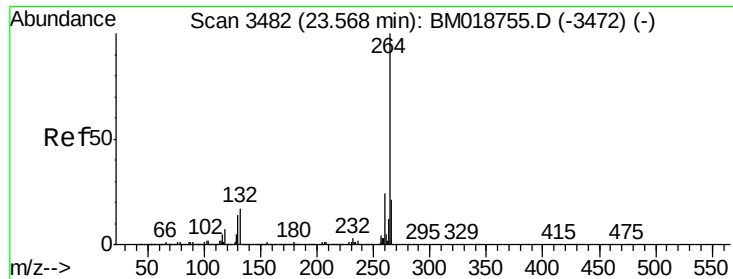
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





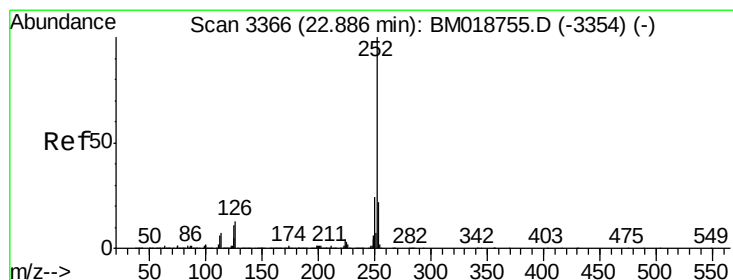
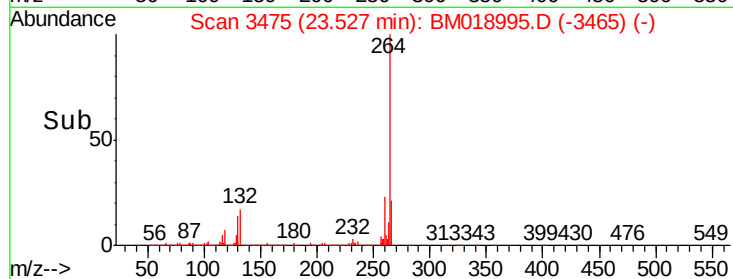
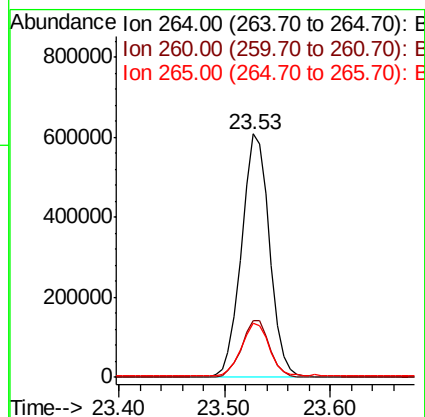
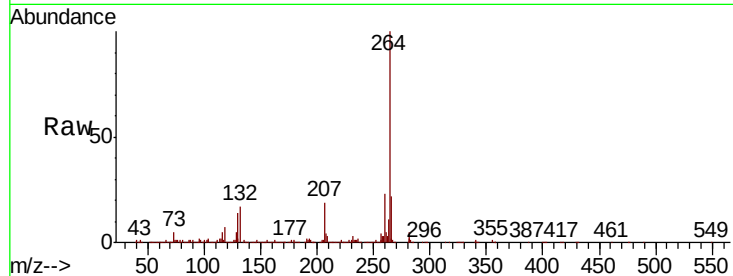
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.04 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Instrument :
BNA_M
ClientSampled :
200031

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.2	17.3	25.9

Manual Integrations
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Sohil
3/4/2019 4:53:01 PM



#88
Benzo(b)fluoranthene
Concen: 2.745 ng m
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM018995.D
Acq: 01 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	12.1	8.6	12.8

