

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018617.D
 Acq On : 17 Jan 2019 16:59
 Operator : JU/SJ
 Sample : K1139-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-5

Manual Integrations
 APPROVED

Sohil
 1/18/2019 12:07:00 PM

Quant Time: Jan 18 05:48:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	402155	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1618225	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	891116	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1814954	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1386540	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1331073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2170588	99.66	ng	-0.02
7) Phenol-d6	6.92	99	2854832	103.20	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1815993	65.06	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	823980	72.62	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3601825	52.74	ng	-0.02
79) Terphenyl-d14	19.77	244	3557896	54.09	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.85	163	1210950	16.546	ng	99
78) Pyrene	19.56	202	197773	2.406	ng	98
83) Chrysene	21.37	228	169032m	2.143	ng	

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

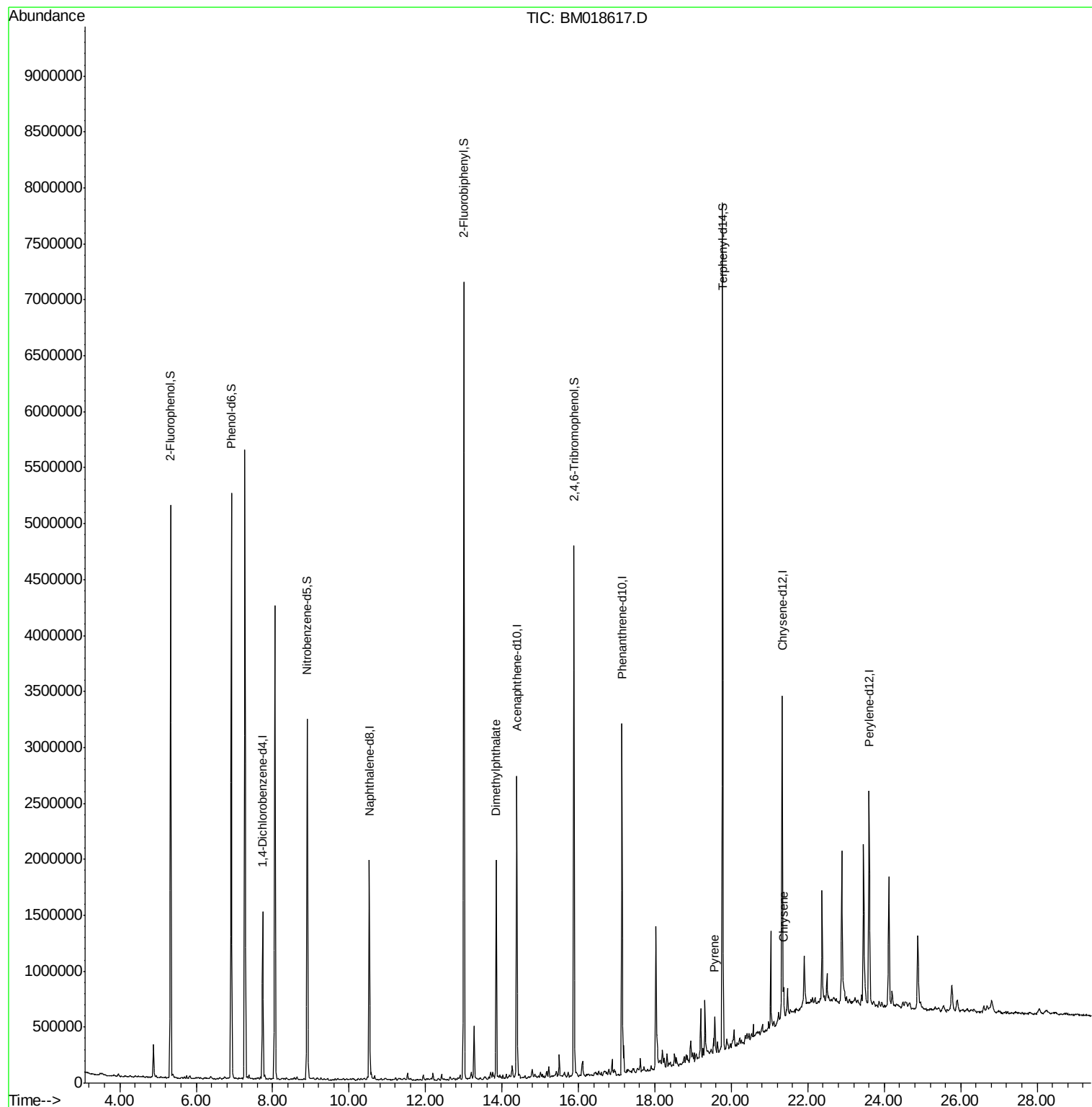
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018617.D
Acq On : 17 Jan 2019 16:59
Operator : JU/SJ
Sample : K1139-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

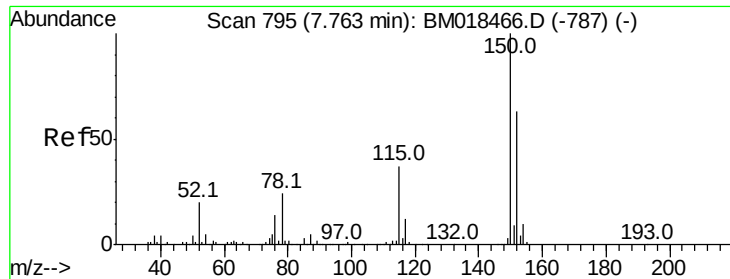
Instrument :
BNA_M
ClientSampleId :
S-5

Manual Integrations
APPROVED

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

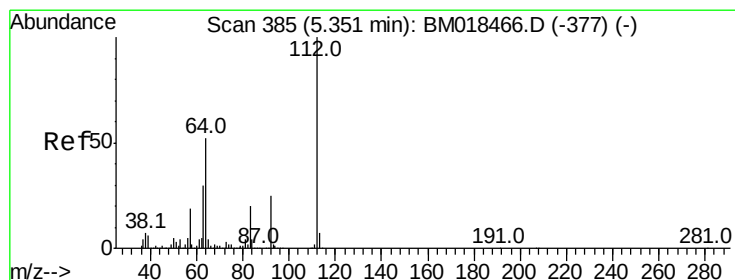
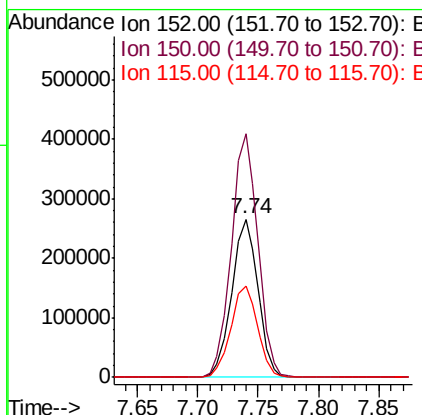
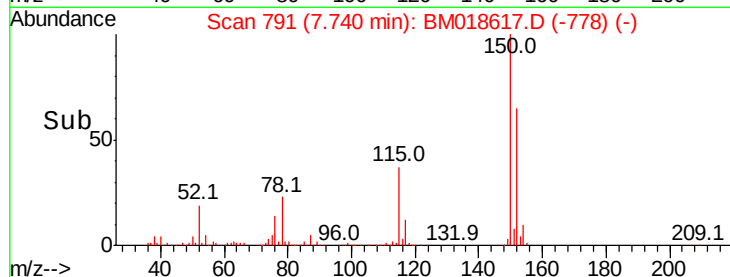
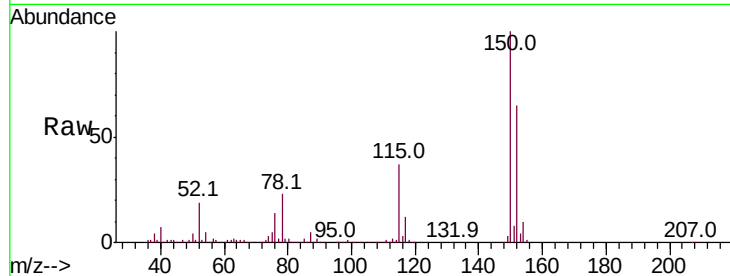
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_M
ClientSampled :
S-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.9	190.3
115	57.7	45.5	68.3

Manual Integrations
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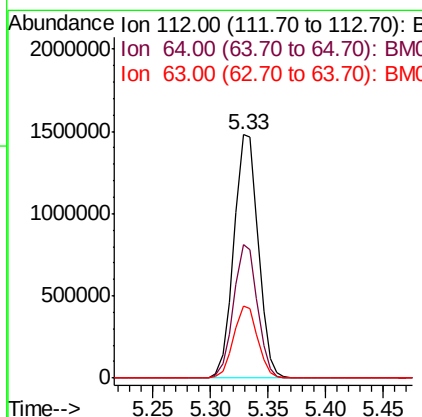
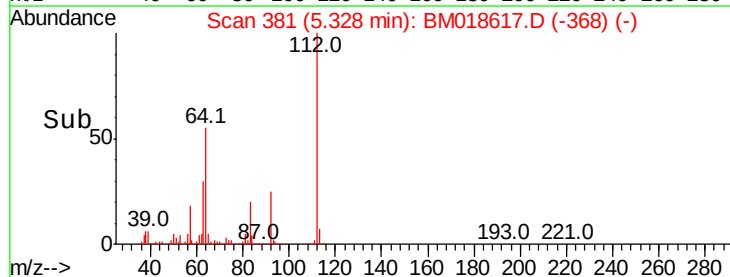
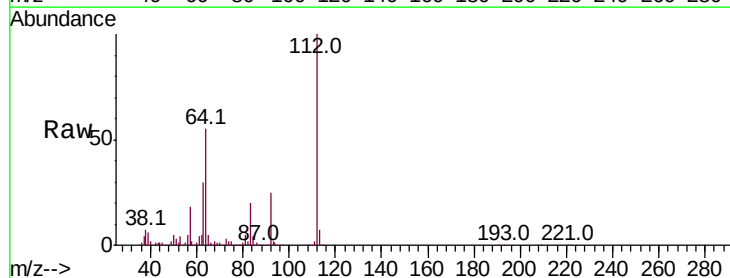
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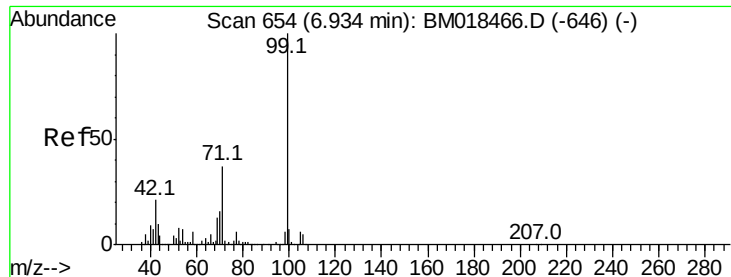


#5

2-Fluorophenol
Concen: 99.662 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	29.5	25.2	37.8





#7

Phenol-d6

Concen: 103.202 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_M

ClientSampled :

S-5

Tot Ion: 99 Resp: 2854832

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

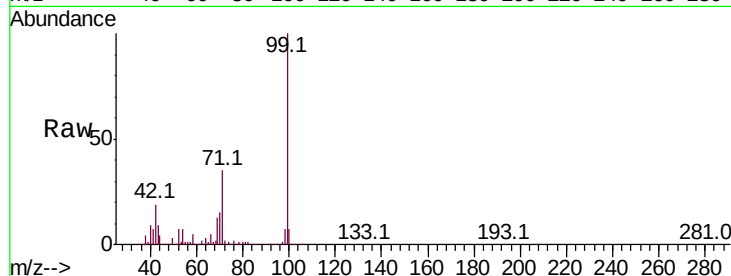
71 35.5 28.0 42.0

Manual Integrations

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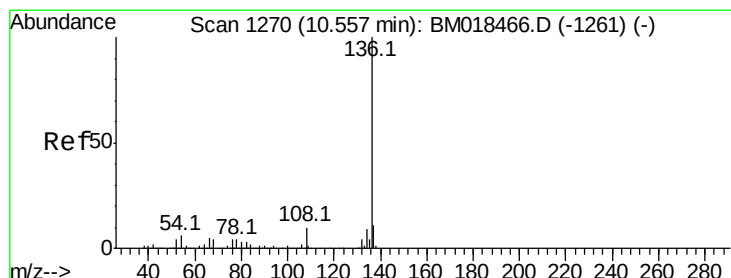
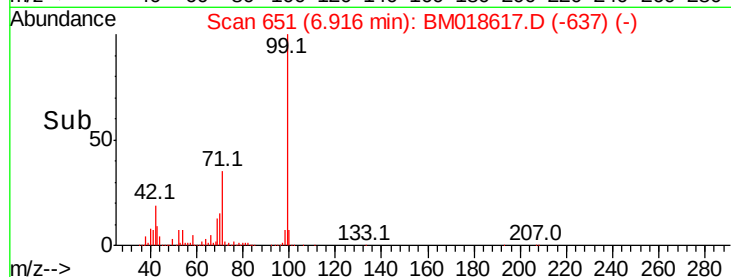
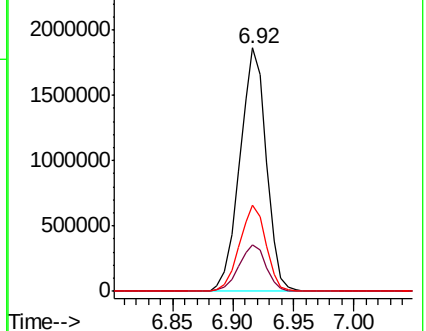
1/18/2019 12:07:00 PM



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Tgt Ion: 136 Resp: 1618225

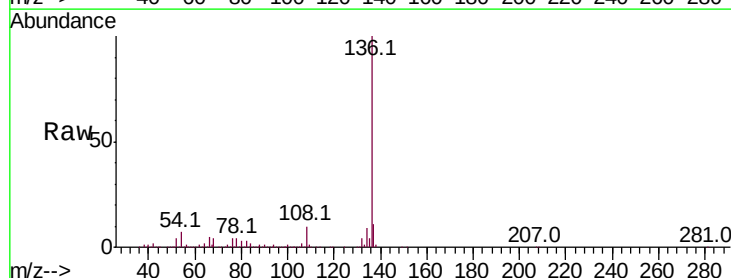
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.0 9.0

68 4.4 4.5 6.7#

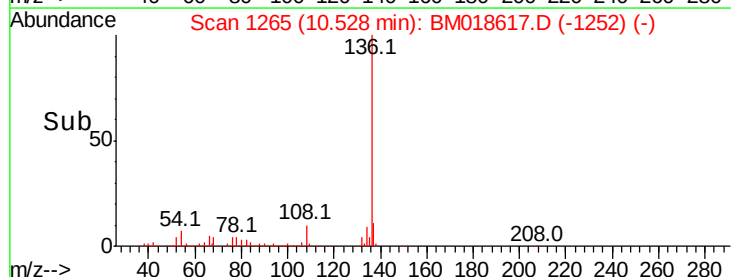
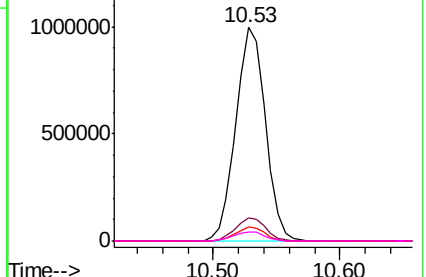


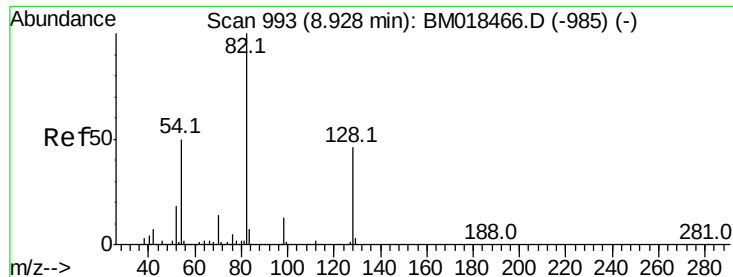
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





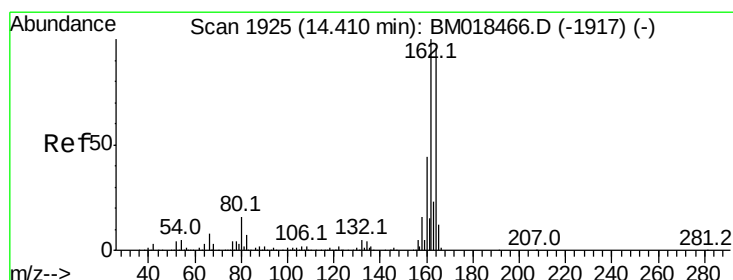
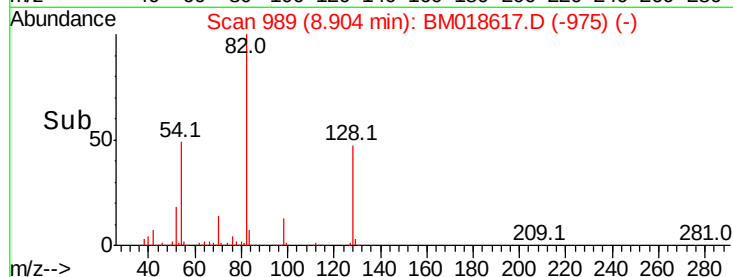
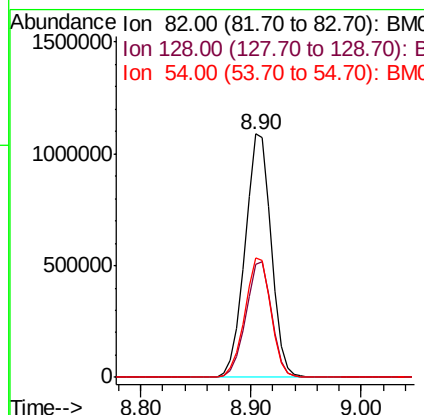
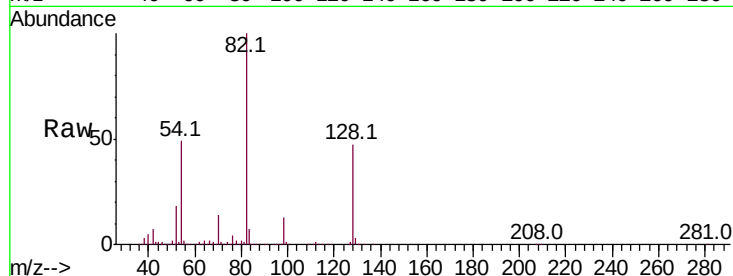
#23
Nitrobenzene-d5
Concen: 65.056 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_M
ClientSampled :
S-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.3	54.5
54	48.9	41.7	62.5

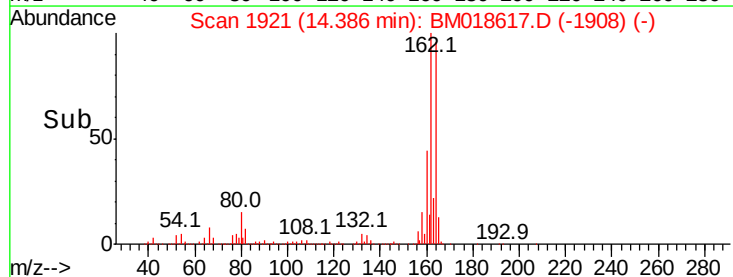
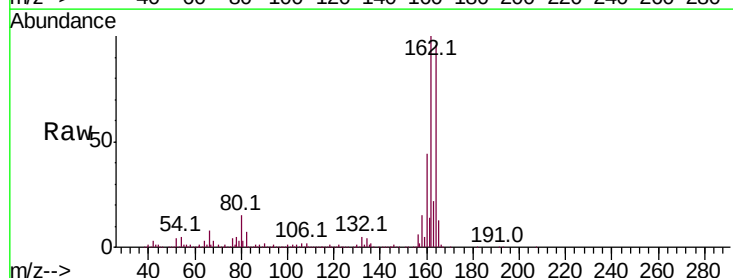
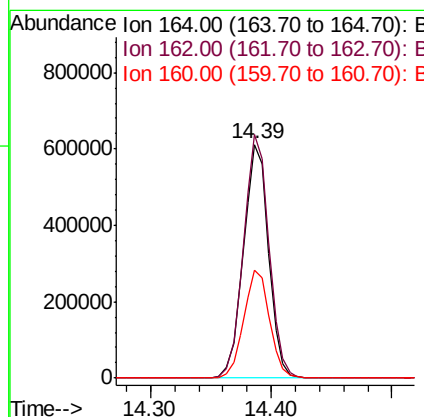
Manual Integrations
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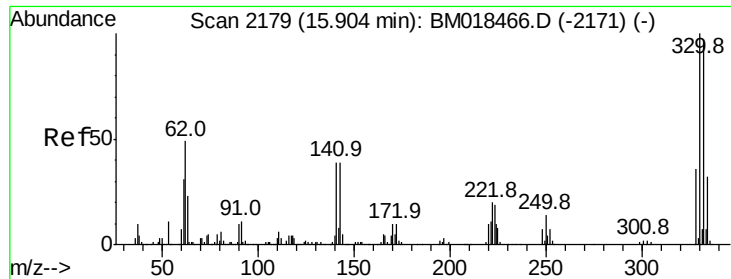
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.0	37.1	55.7





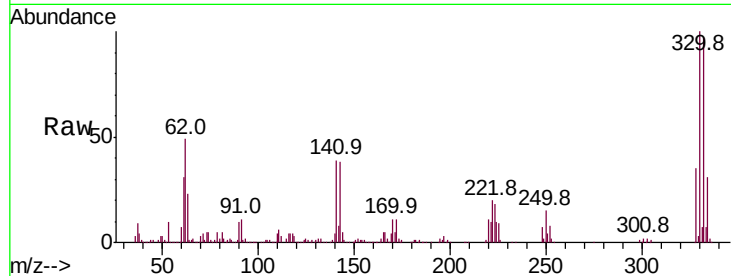
#42
 2,4,6-Tribromophenol
 Concen: 72.620 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Instrument :
 BNA_M
 ClientSampled :
 S-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	823980		
332	97.0		77.6	116.4
141	37.5		31.7	47.5

Manual Integrations
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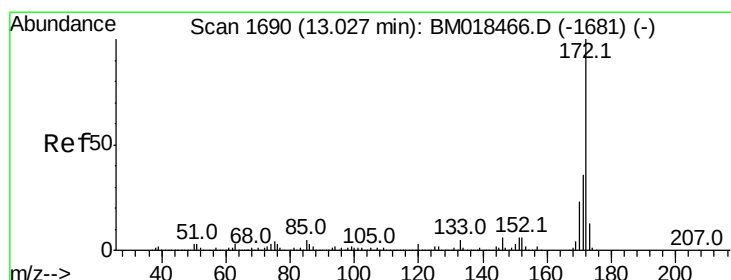
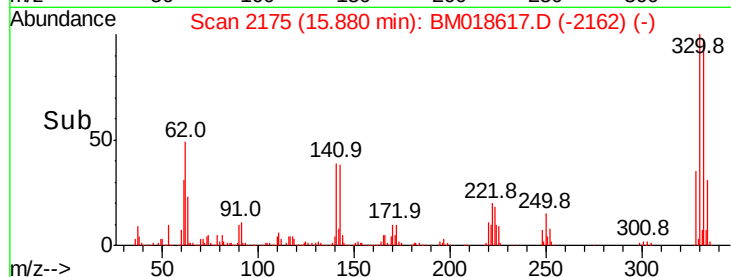
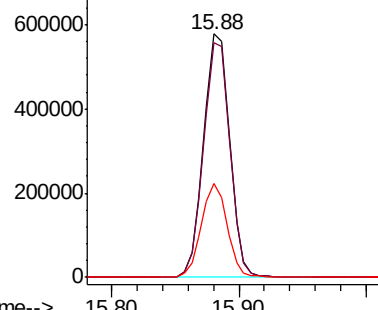


Abundance

Ion 329.80 (329.50 to 330.50): E

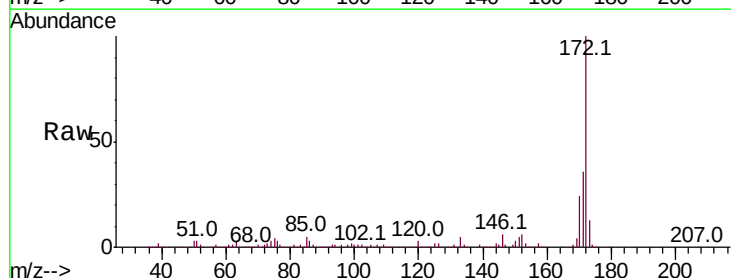
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.742 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3601825		
171	35.5		28.2	42.4
170	23.6		18.9	28.3

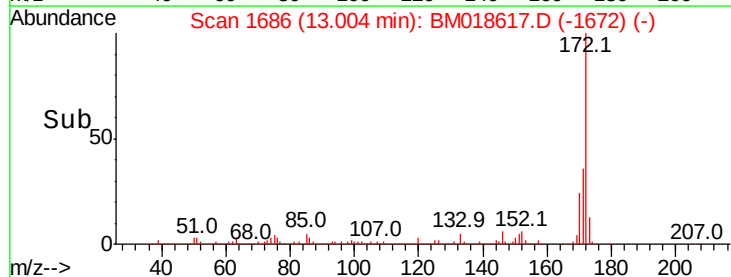
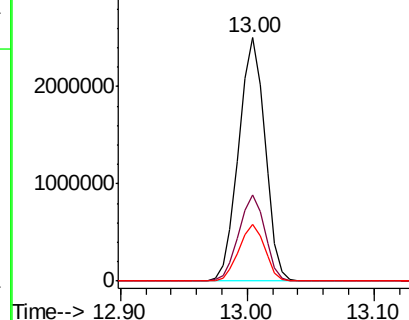


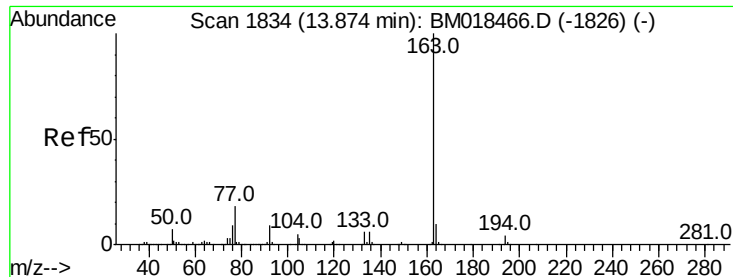
Abundance

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





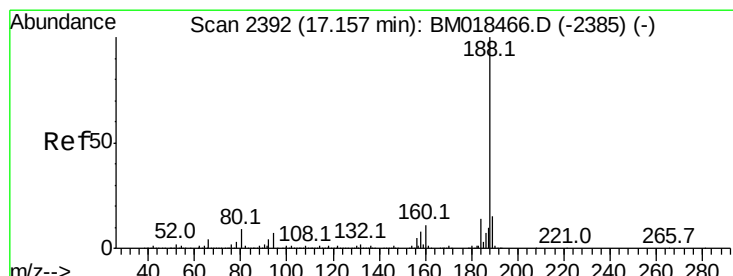
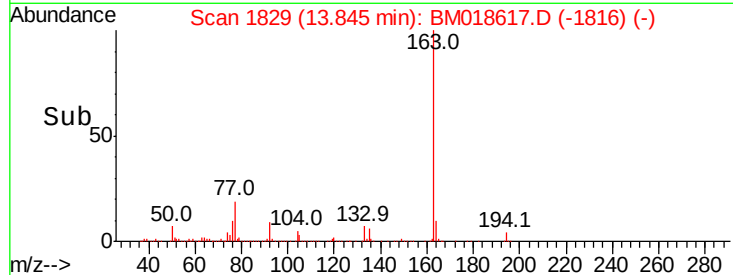
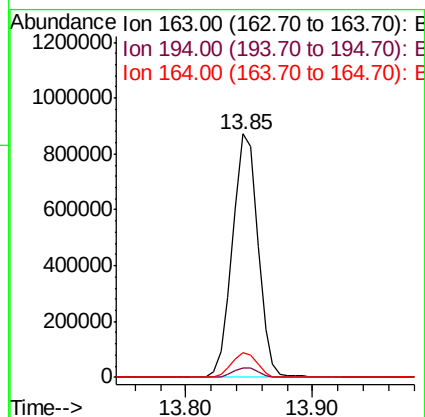
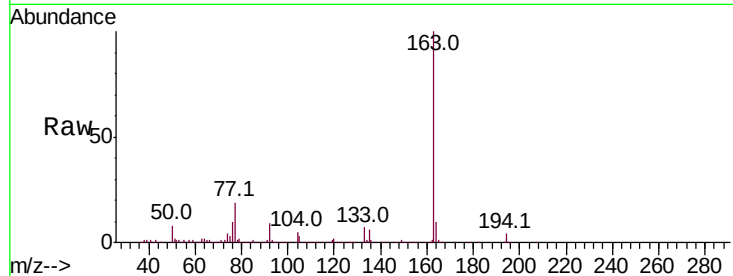
#50
Dimethylphthalate
Concen: 16.546 ng
RT: 13.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_M
ClientSampled :
S-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	7.8	11.8

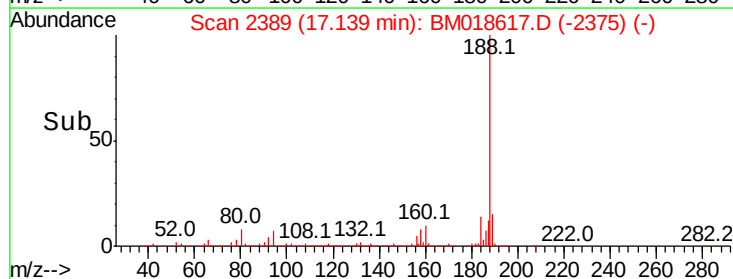
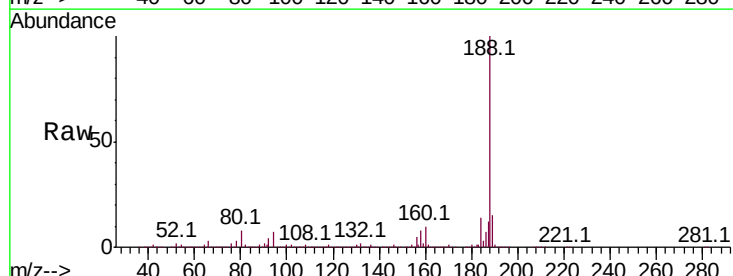
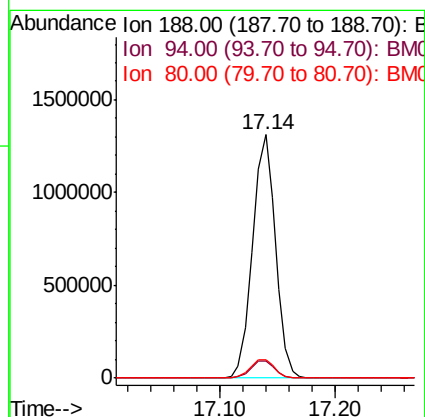
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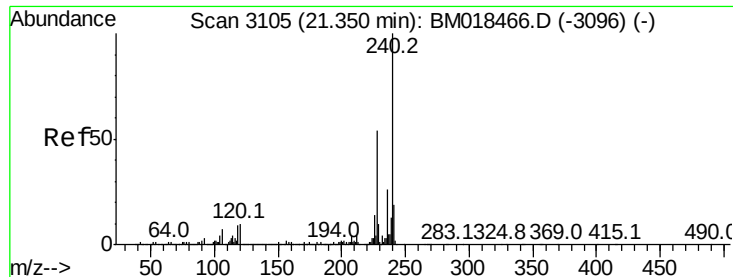
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	7.8	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_M

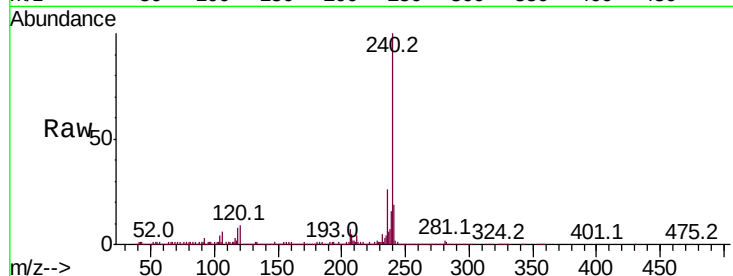
ClientSampled :

S-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.7	20.7	31.1

Manual Integrations
APPROVED

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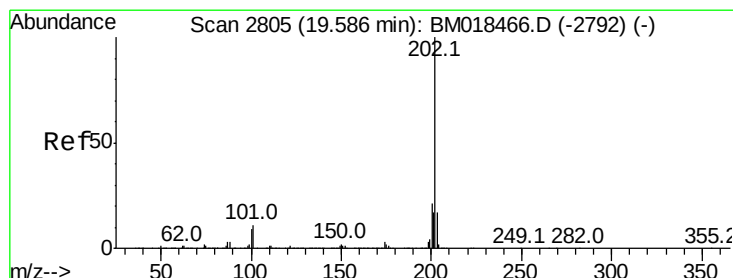
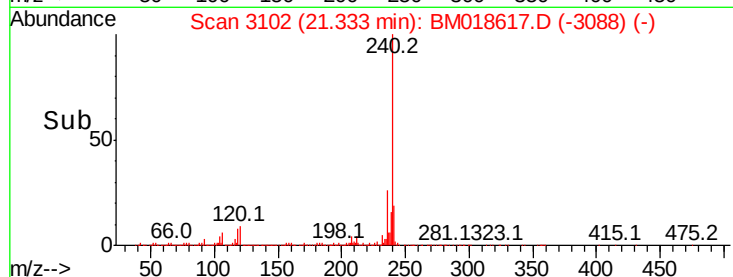
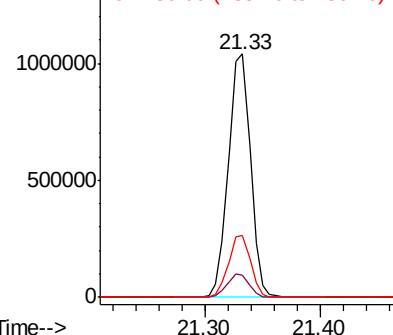


Abundance

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

Pyrene

Concen: 2.406 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

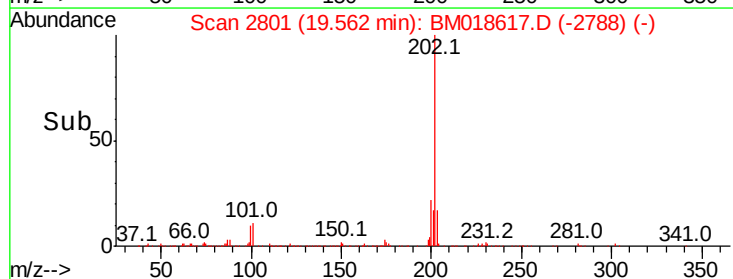
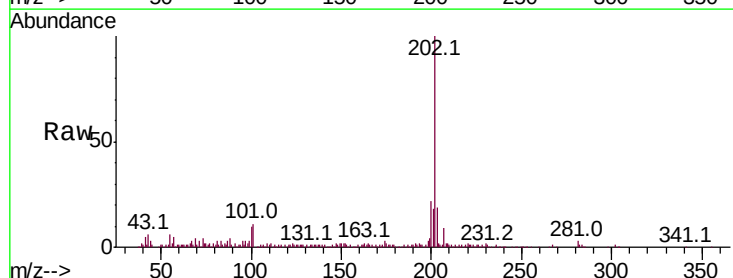
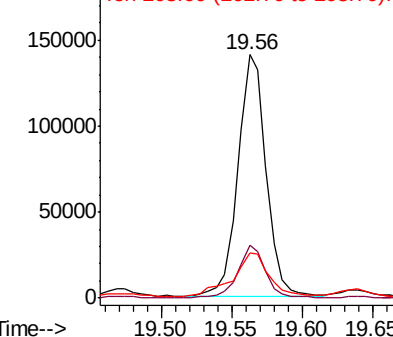
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	18.5	13.8	20.8

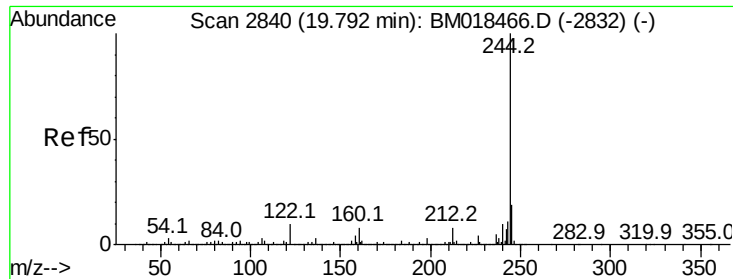
Abundance

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





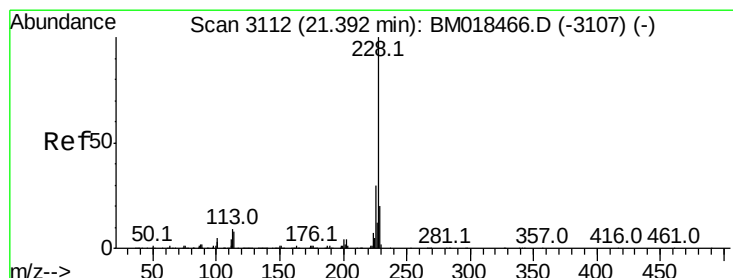
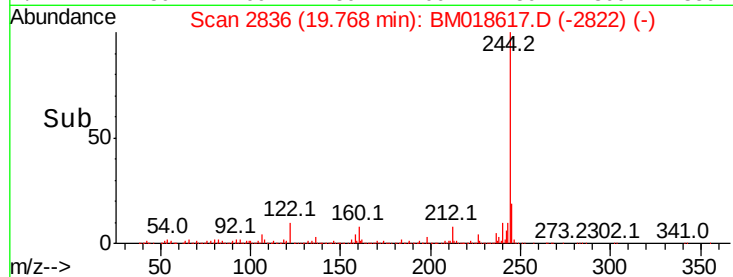
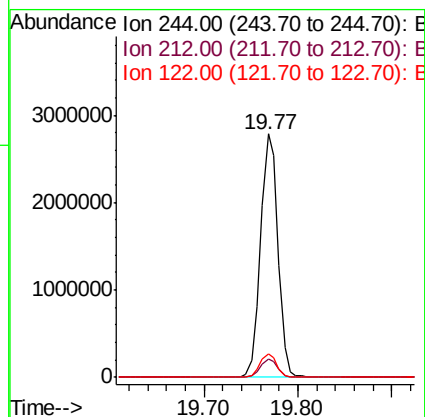
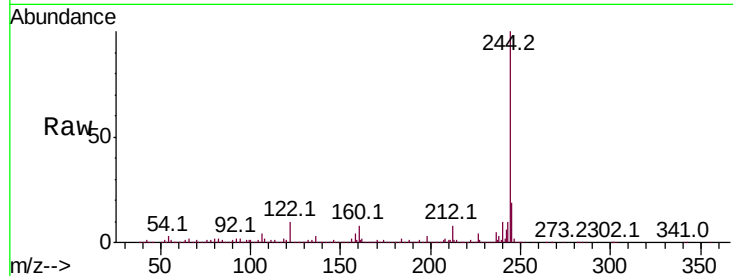
#79
 Terphenyl-d14
 Concen: 54.093 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Instrument :
 BNA_M
 ClientSampled :
 S-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.9	9.0	13.4

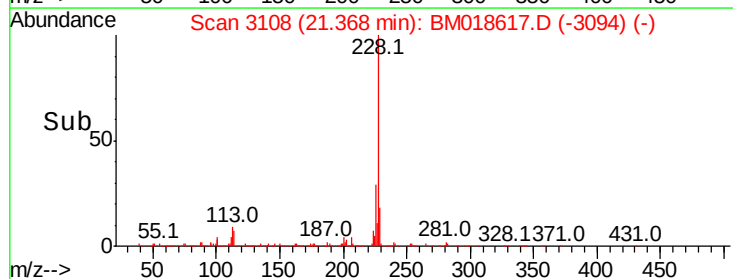
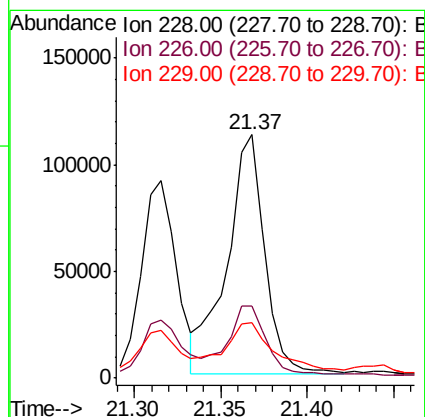
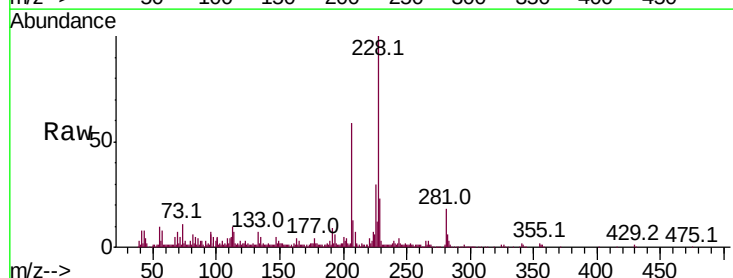
Manual Integrations
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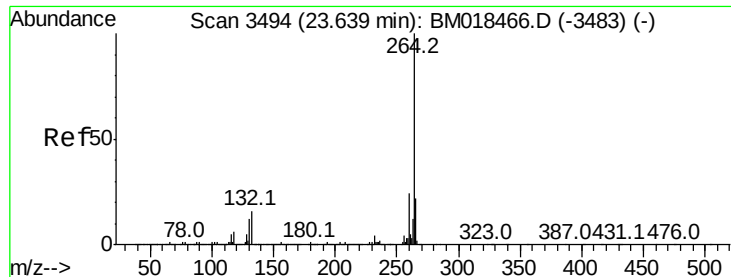
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 1/18/2019 12:07:00 PM



#83
 Chrysene
 Concen: 2.143 ng m
 RT: 21.37 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	23.0	15.6	23.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_M
ClientSampleId :
S-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	22.3	16.8	25.2

Manual Integrations
APPROVED

Sohil
1/18/2019 12:07:00 PM

