

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018996.D
 Acq On : 01 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1665-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200053

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:03 PM

Quant Time: Mar 02 02:44:52 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	275012	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1108069	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	617978	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1275643	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1018000	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1040905	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2578524	153.62	ng	-0.02
7) Phenol-d6	6.86	99	3729877	157.74	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2337089	97.52	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1325702	148.82	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4157161	89.30	ng	-0.03
79) Terphenyl-d14	19.72	244	5082886	103.00	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.80	163	334642	6.498	ng	99
71) Phenanthrene	17.13	178	337405	4.922	ng	99
75) Fluoranthene	19.15	202	366695	4.631	ng	98
78) Pyrene	19.52	202	299390	5.064	ng	100
83) Chrysene	21.32	228	146639	2.578	ng	98
88) Benzo(b)fluoranthene	22.85	252	150018m	2.519	ng	

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

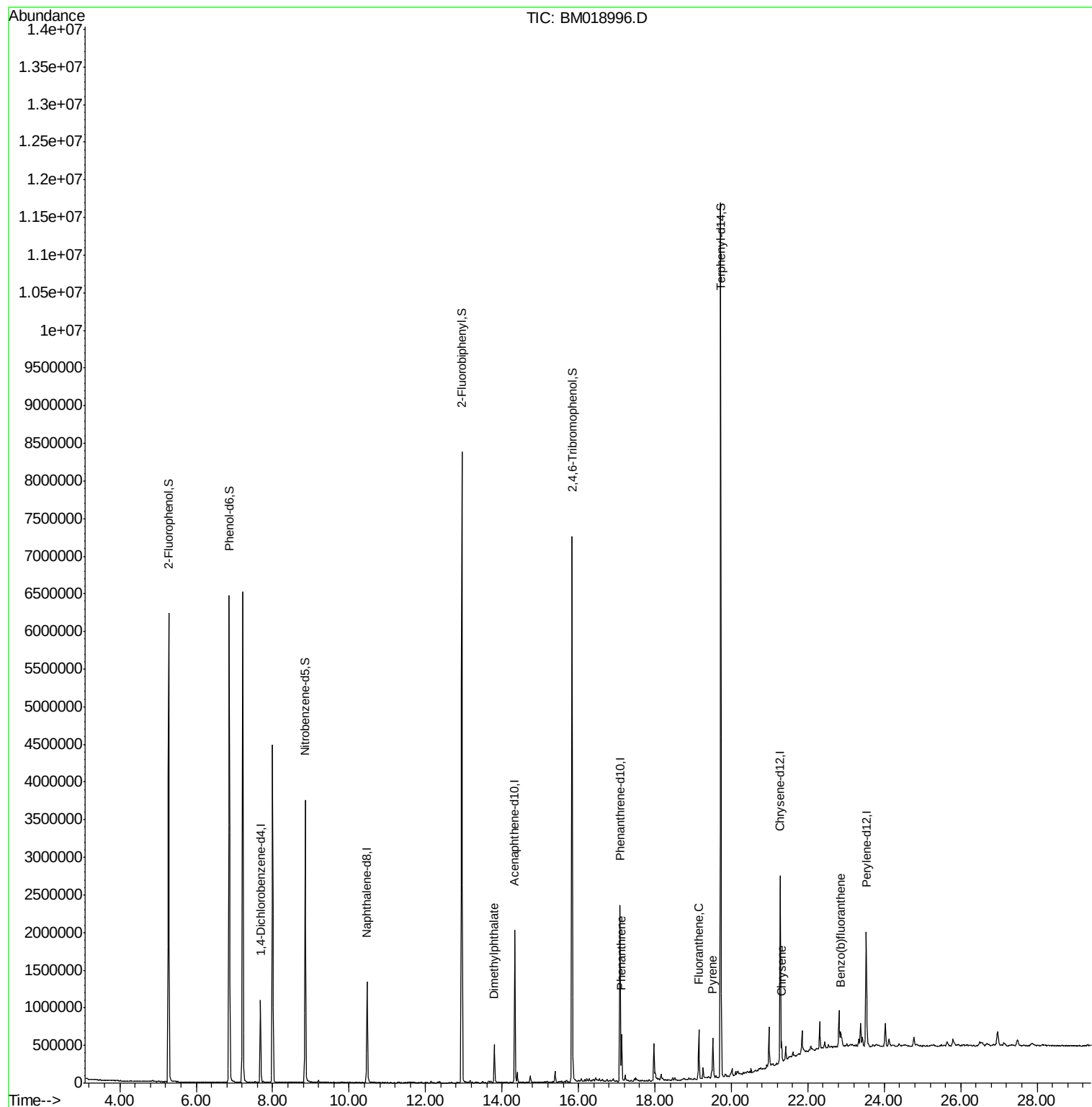
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018996.D
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ALS Vial : 13 Sample Multiplier: 1

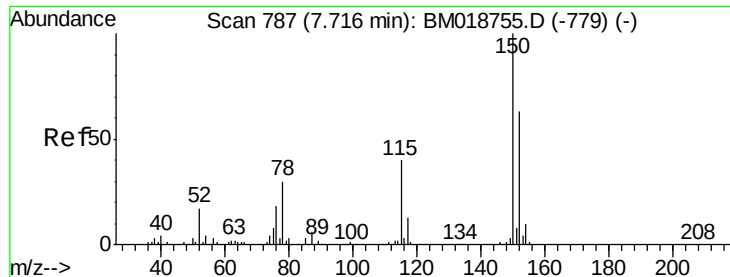
Instrument :
BNA_M
ClientSampleId :
200053

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Quant Time: Mar 02 02:44:52 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





#1

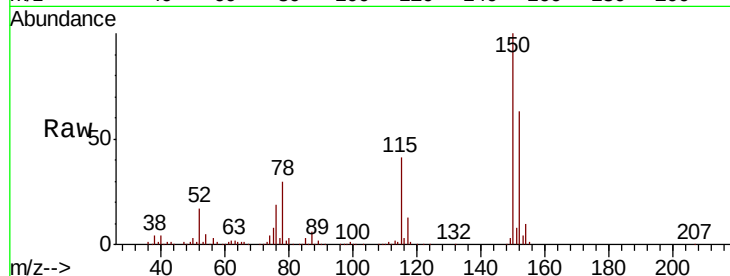
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampled :
200053

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.3	190.9
115	64.8	50.8	76.2

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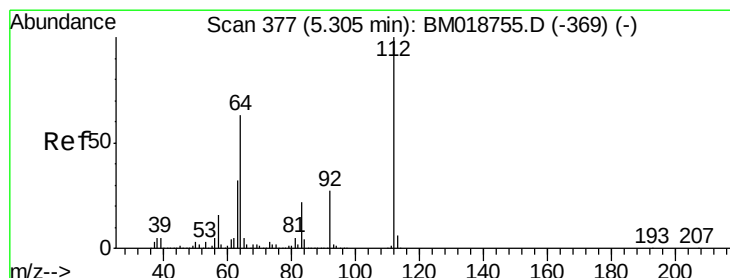
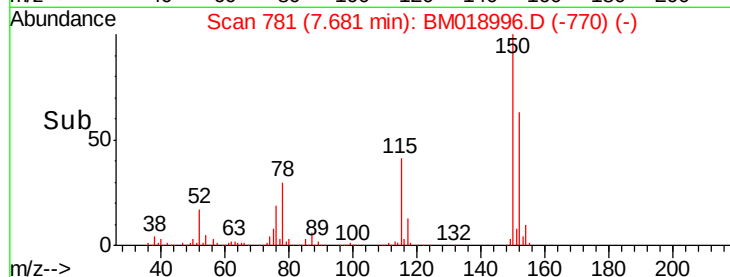
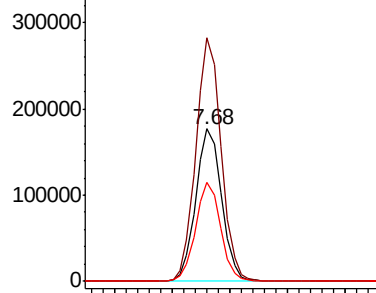


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

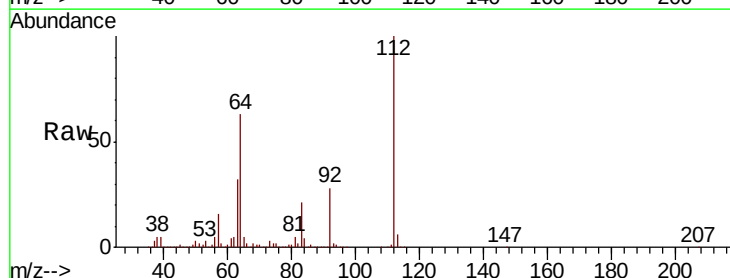
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 153.624 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.6	75.8
63	31.7	25.7	38.5

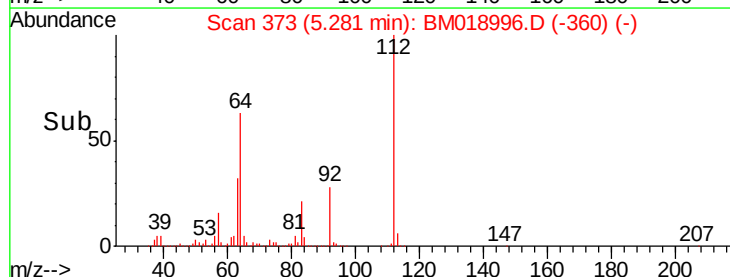
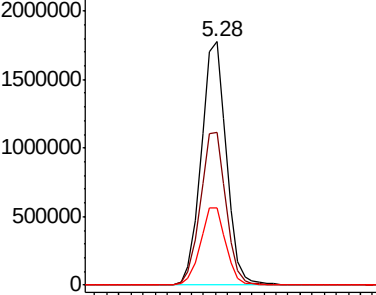


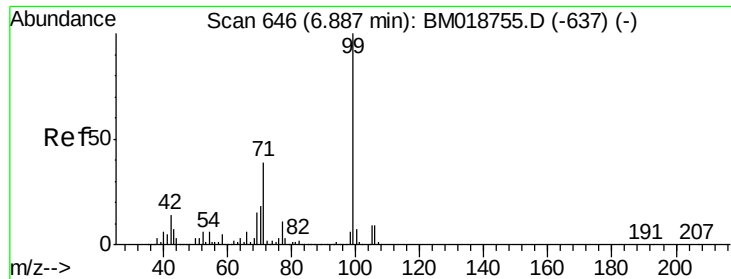
Abundance

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: 157.742 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

Tot Ion: 99 Resp: 3729877

Ion Ratio Lower Upper

99 100

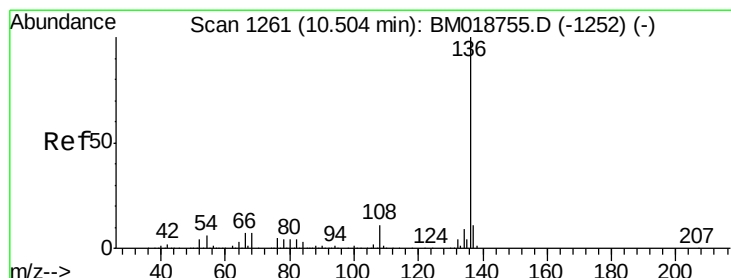
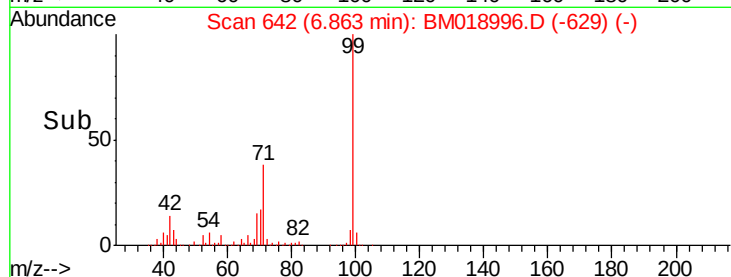
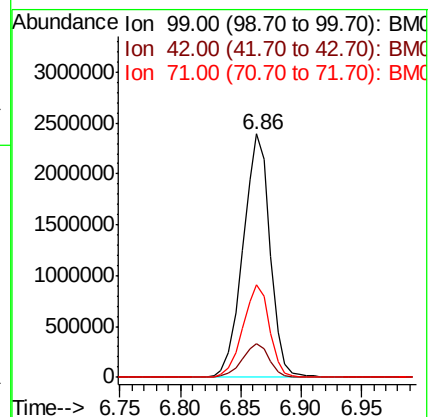
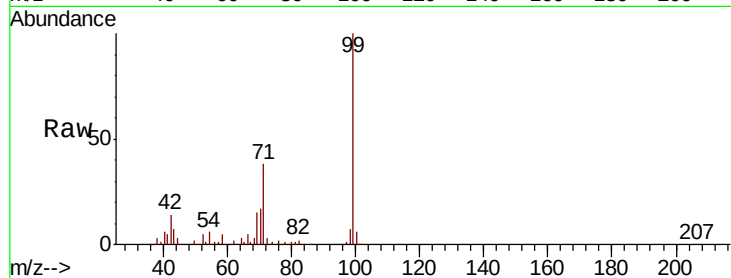
42 13.6 11.0 16.6

71 37.9 31.3 46.9

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Tgt Ion: 136 Resp: 1108069

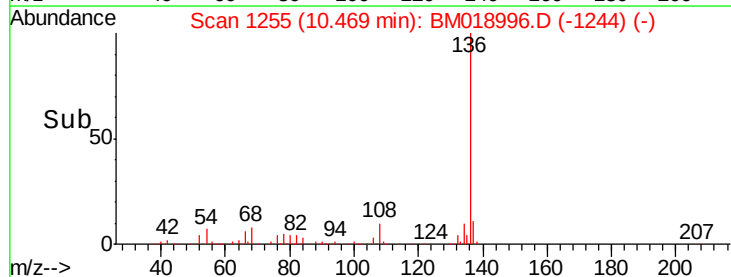
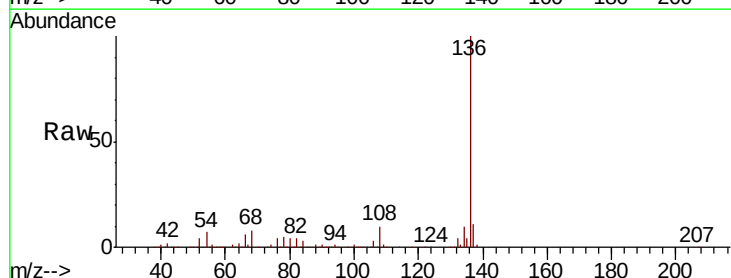
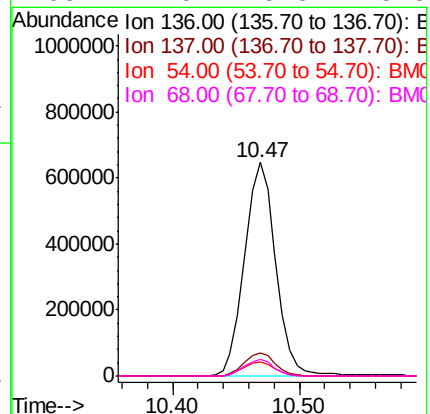
Ion Ratio Lower Upper

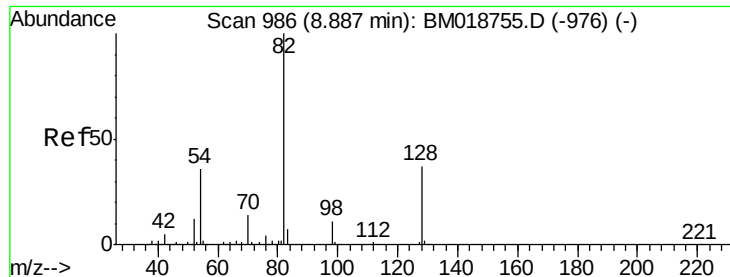
136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3





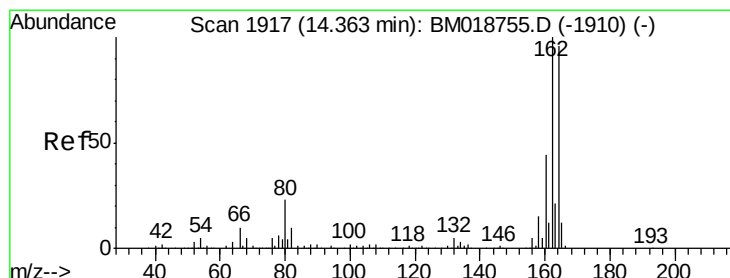
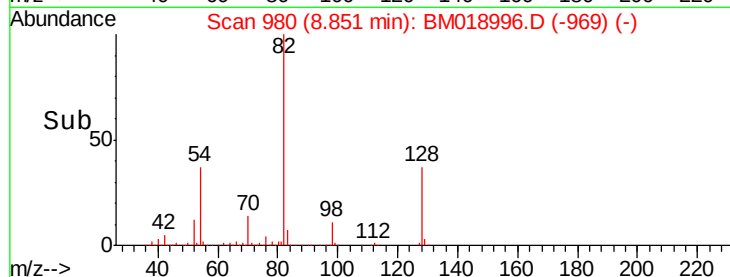
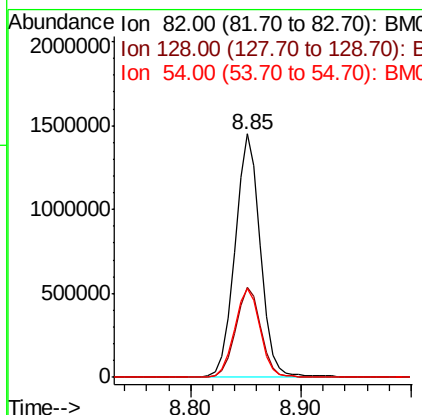
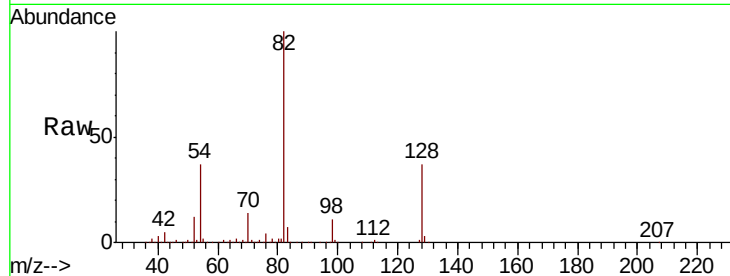
#23
 Nitrobenzene-d5
 Concen: 97.524 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Instrument :
 BNA_M
 ClientSampled :
 200053

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	36.6	29.1	43.7

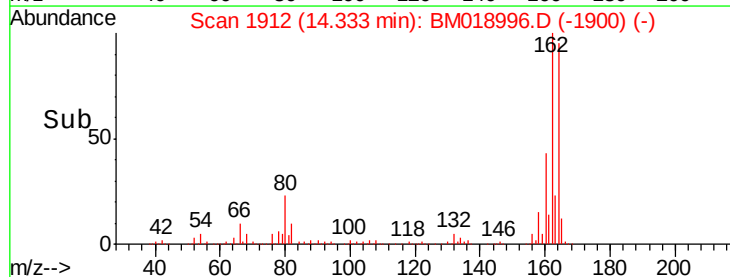
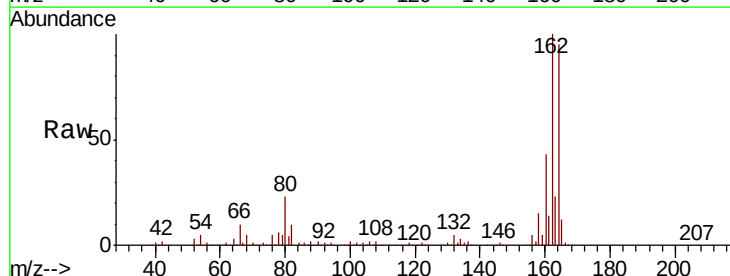
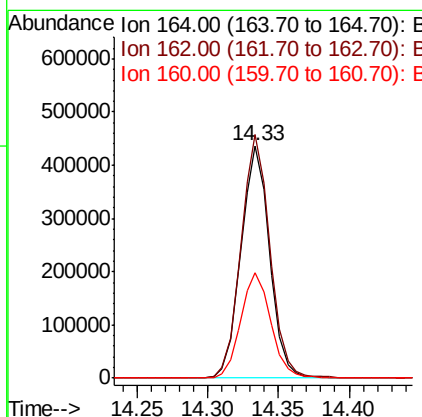
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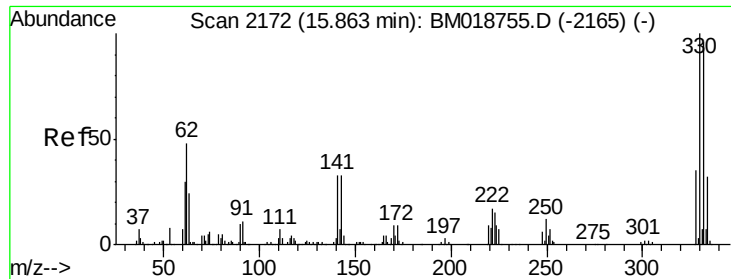
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.4	125.0
160	45.4	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 148.822 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

200053

Tot Ion:330 Resp: 1325702

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

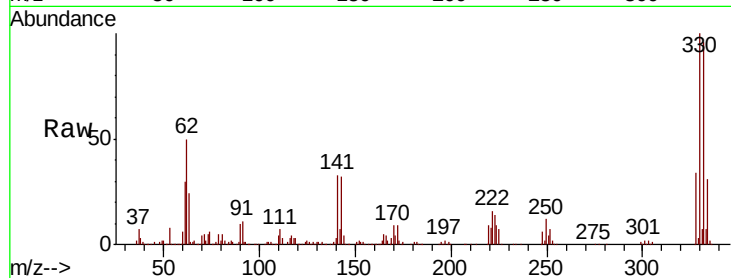
141 33.5 28.7 43.1

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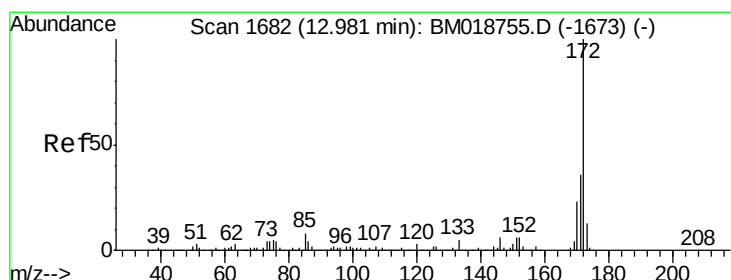
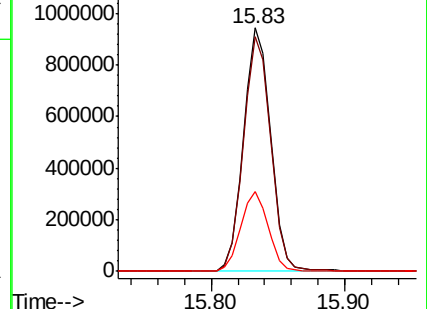
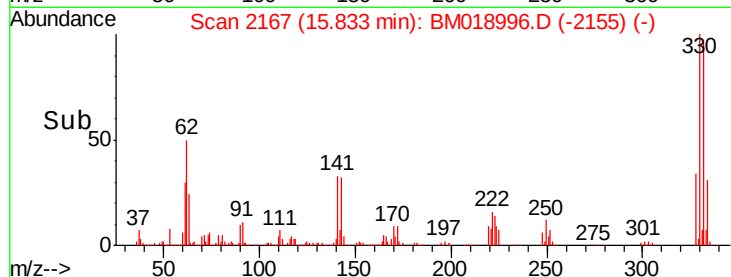
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 89.300 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

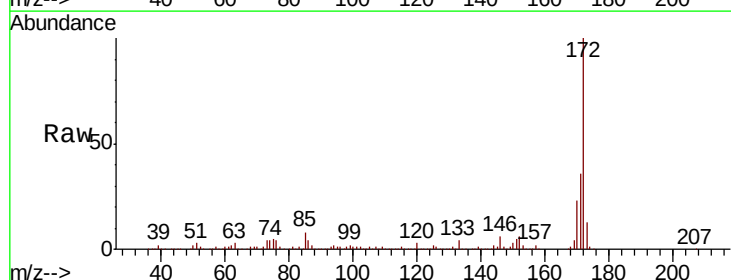
Tgt Ion:172 Resp: 4157161

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

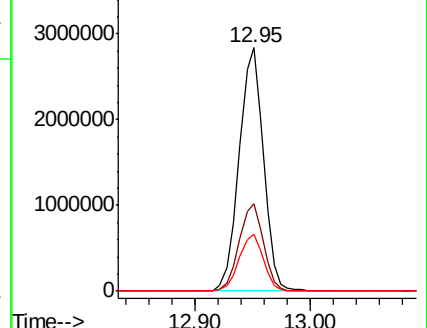
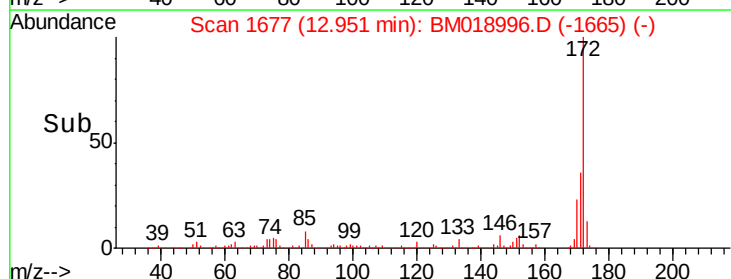
170 23.4 18.6 28.0

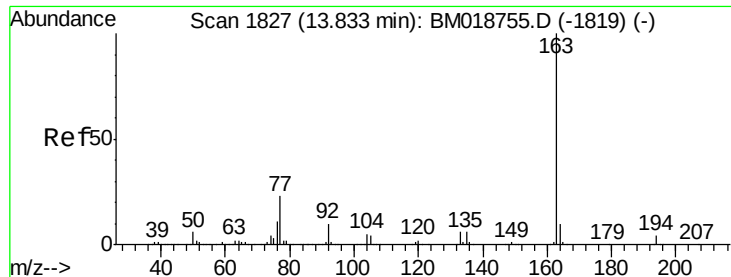


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





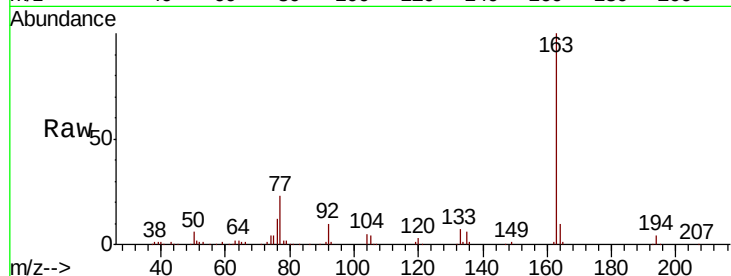
#50
Dimethylphthalate
Concen: 6.498 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tot Ion	Ratio	Resp	Lower	Upper
163	100	334642		
194	3.8		3.2	4.8
164	9.6		7.8	11.8

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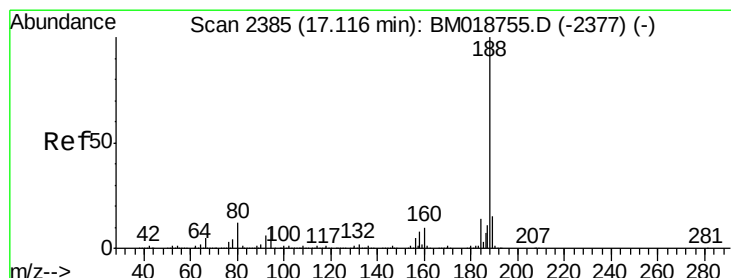
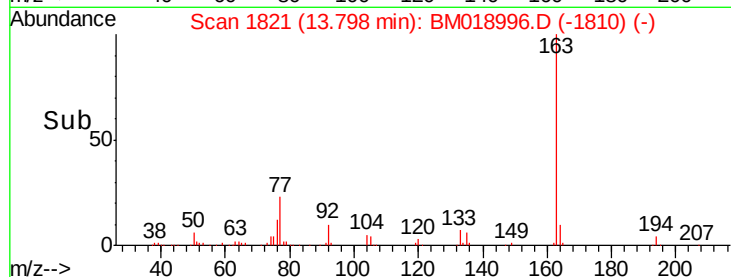
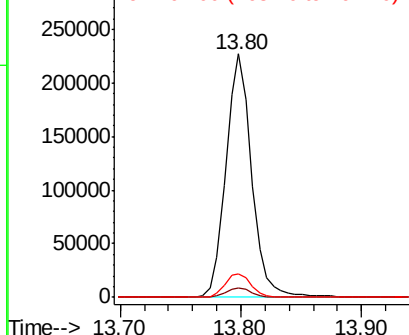


Abundance

Ion 163.00 (162.70 to 163.70): E

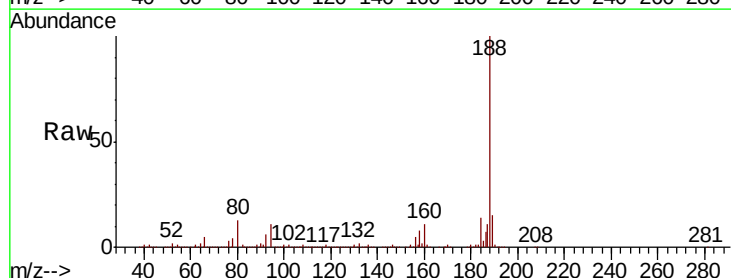
Ion 194.00 (193.70 to 194.70): E

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: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1275643		
94	10.6		8.2	12.2
80	13.0		9.7	14.5

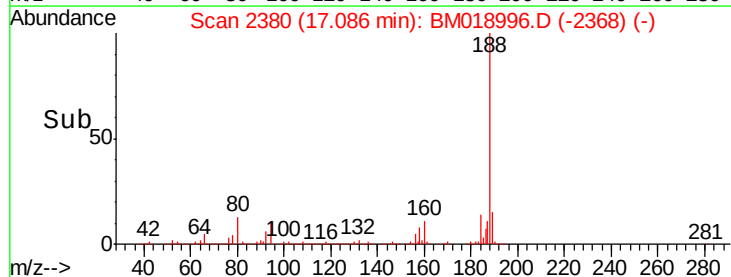
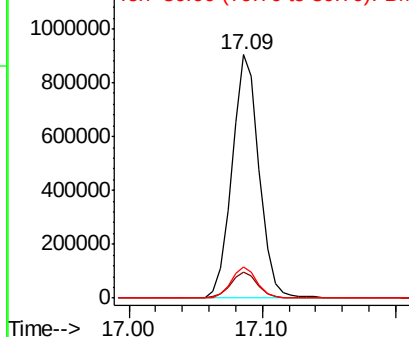


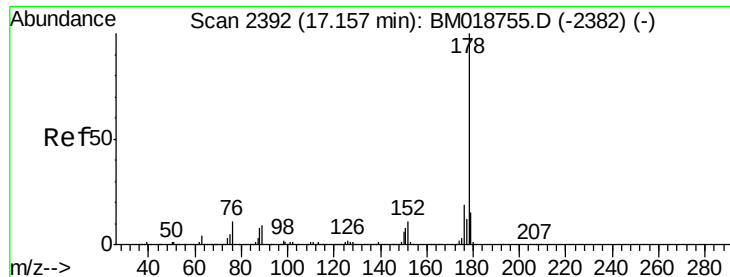
Abundance

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





#71

Phenanthrene

Concen: 4.922 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

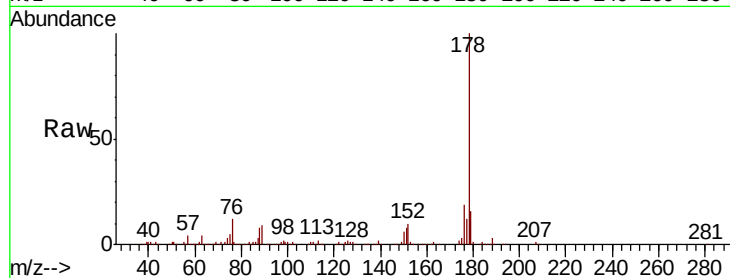
ClientSampleId :

200053

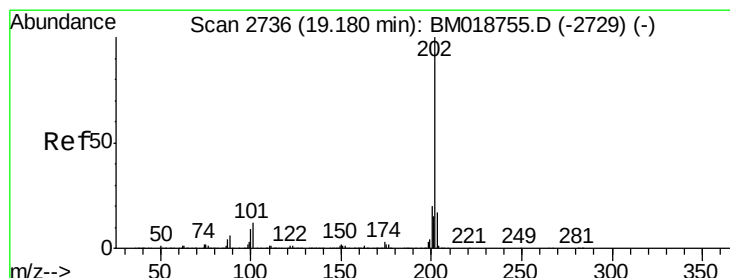
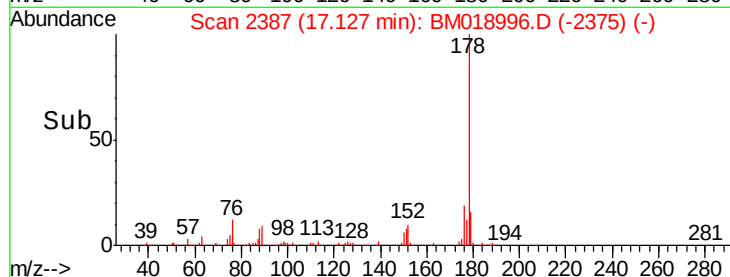
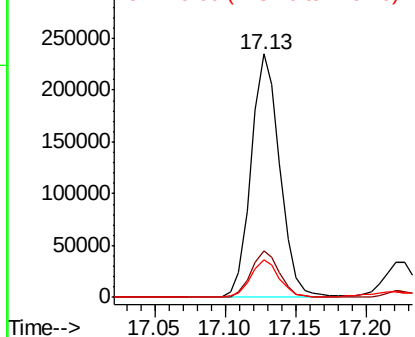
Tot Ion:	178	Resp:	337405
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	15.5	12.3	18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.631 ng

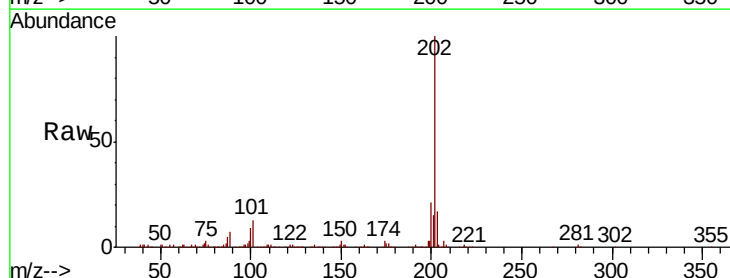
RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

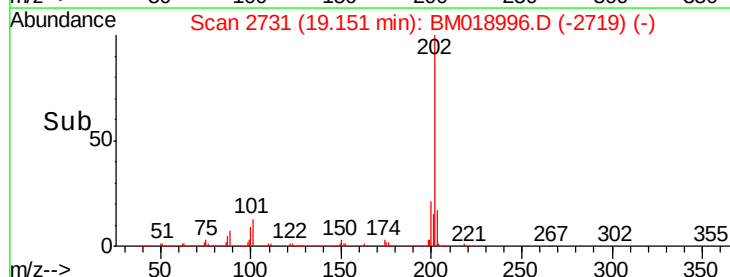
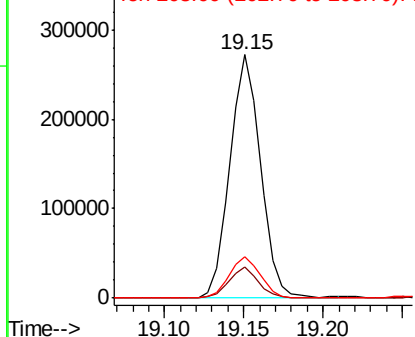
Lab File: BM018996.D

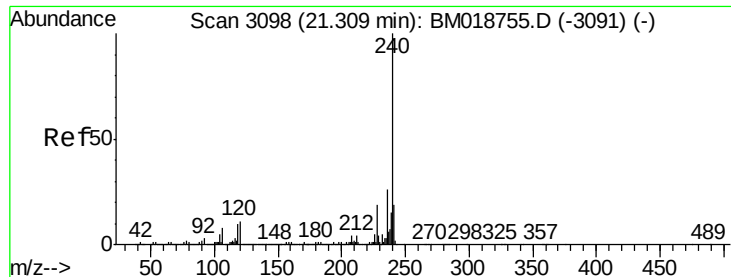
Acq: 01 Mar 2019 20:44

Tgt Ion:	202	Resp:	366695
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.5
203	16.9	0.0	37.3



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





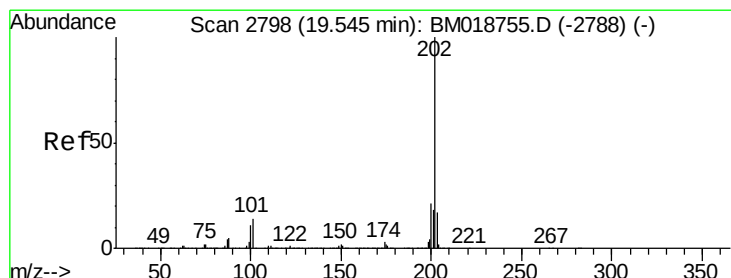
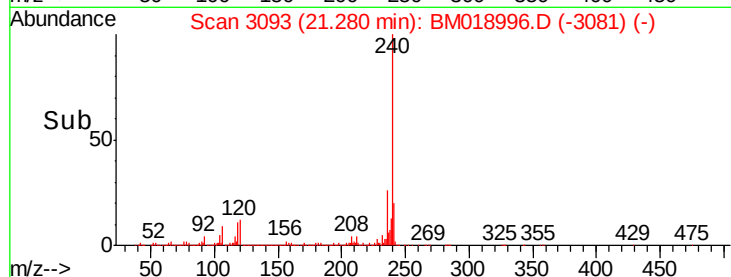
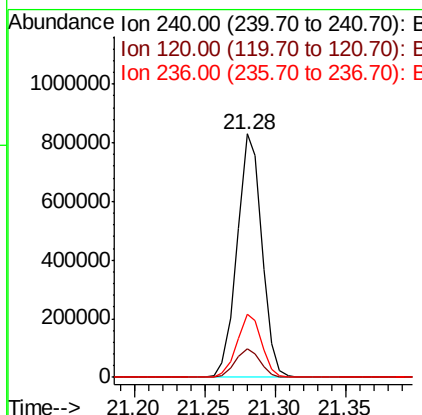
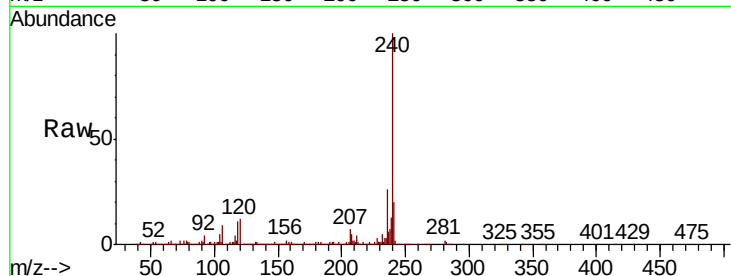
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampled :
200053

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.7	20.9	31.3

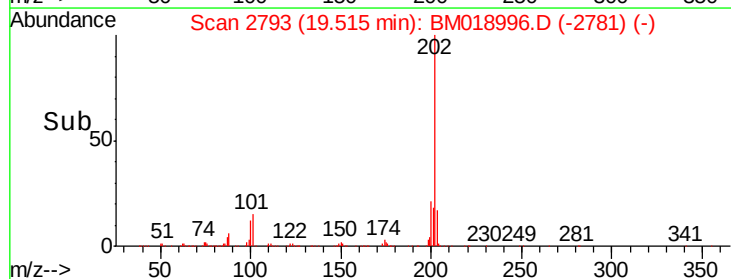
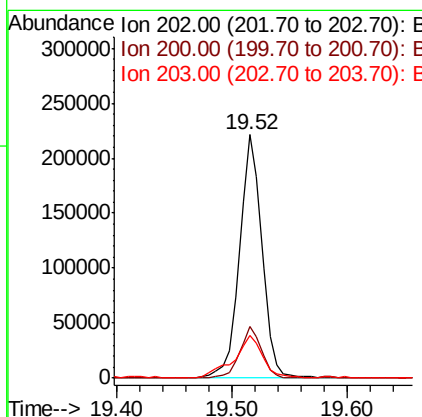
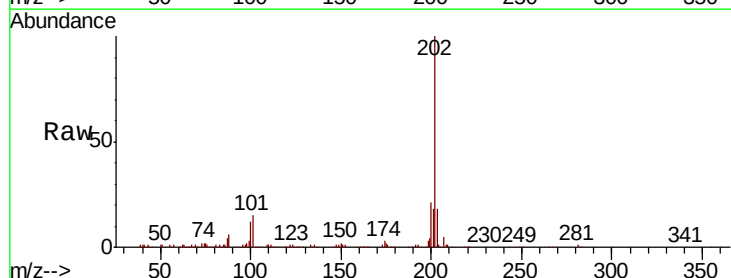
Manual Integrations
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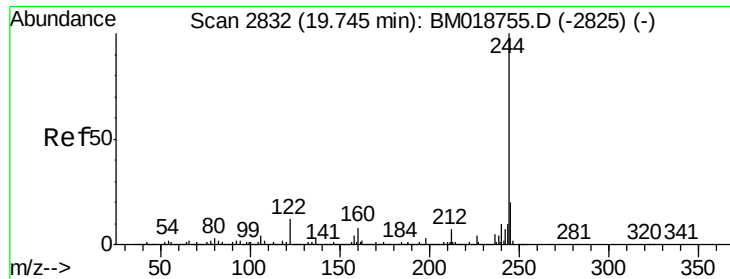
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#78
Pyrene
Concen: 5.064 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	13.8	20.8





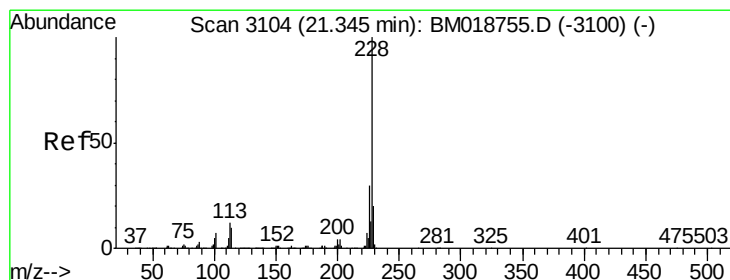
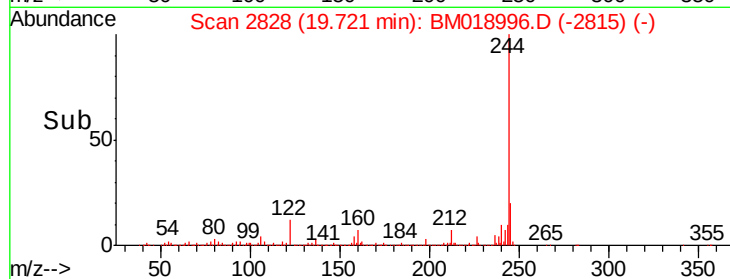
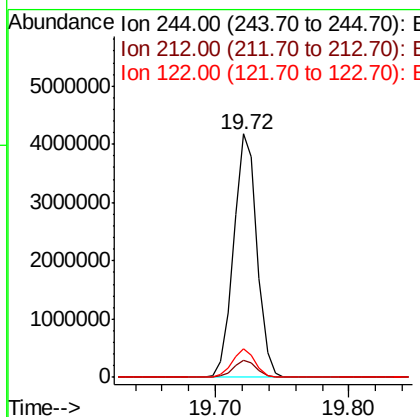
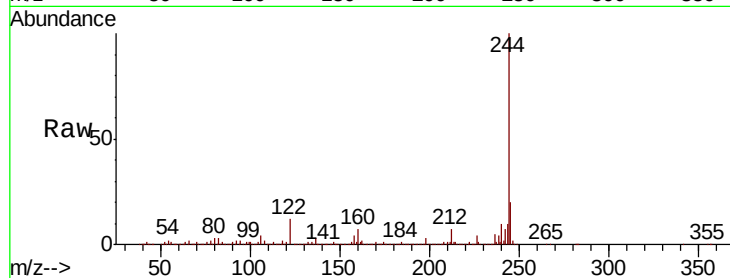
#79
 Terphenyl-d14
 Concen: 103.001 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Instrument :
 BNA_M
 ClientSampled :
 200053

Tot Ion:244 Resp: 5082886
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 9.3 13.9

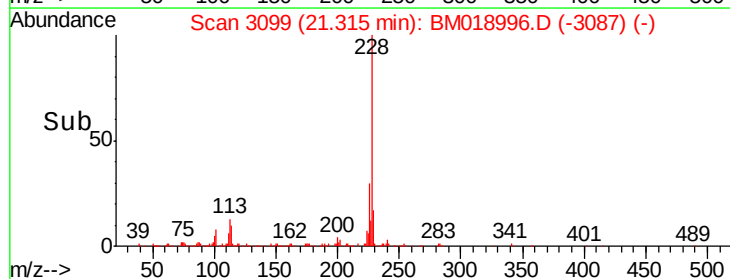
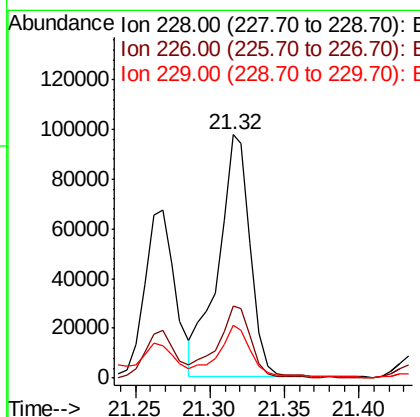
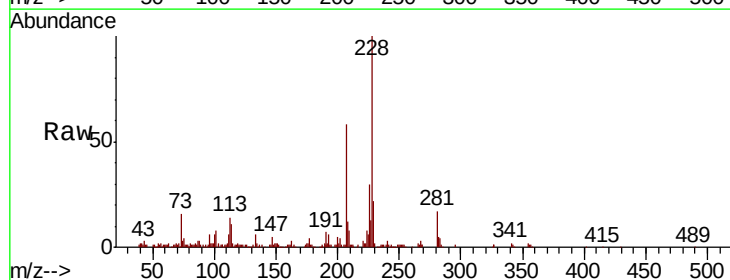
Manual Integrations
 APPROVED

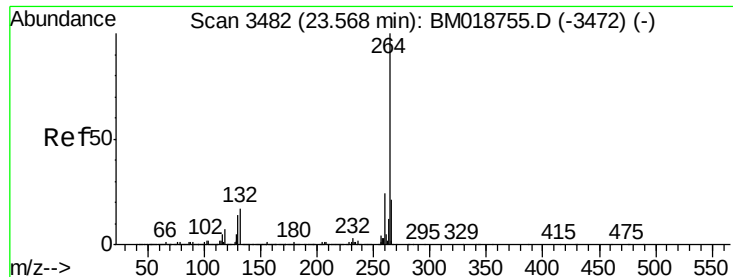
Sohil
 3/4/2019 4:53:03 PM



#83
 Chrysene
 Concen: 2.578 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BM018996.D
 Acq: 01 Mar 2019 20:44

Tgt Ion:228 Resp: 146639
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 21.8 16.0 24.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

Instrument :

BNA_M

ClientSampled :

200053

Tot Ion:264 Resp: 1040905

Ion Ratio Lower Upper

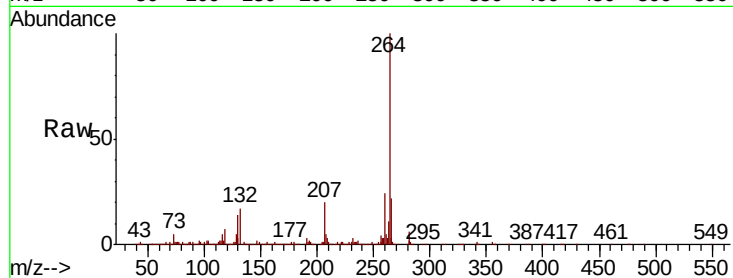
264 100

260 23.7 18.9 28.3

265 22.2 17.3 25.9

Manual Integrations
APPROVED

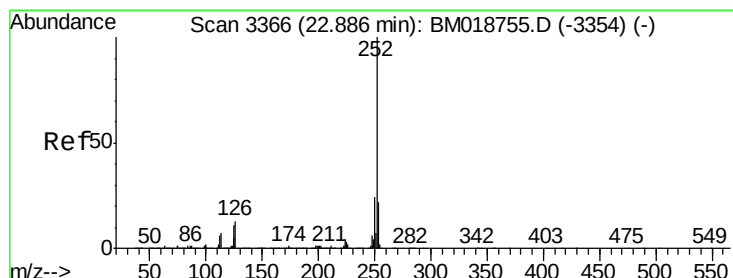
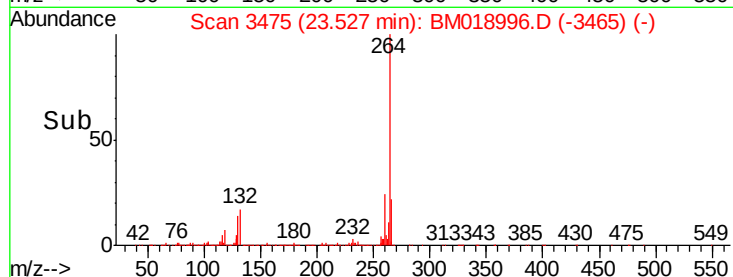
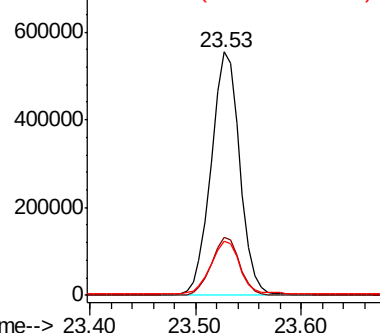
Sohil
3/4/2019 4:53:03 PM



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



#88

Benzo(b)fluoranthene

Concen: 2.519 ng m

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018996.D

Acq: 01 Mar 2019 20:44

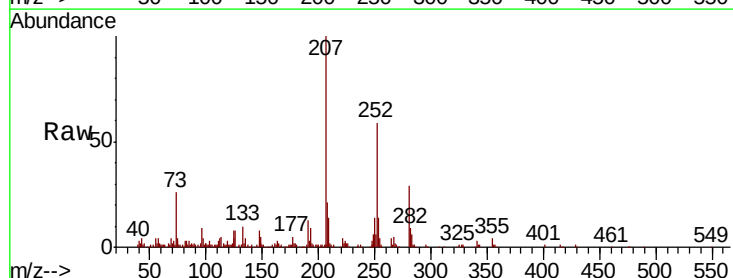
Tgt Ion:252 Resp: 150018

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 12.7 8.6 12.8



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

