

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020565.D
 Acq On : 25 May 2019 05:44
 Operator : JU/SJ
 Sample : K2643-09 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-A

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:39 AM

Quant Time: May 25 06:54:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	99774	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	367557	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	255237	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	574913	20.00	ng	0.00
76) Chrysene-d12	21.26	240	453167	20.00	ng	-0.01
87) Perylene-d12	23.50	264	528513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	248825	48.93	ng	0.00
7) Phenol-d6	6.84	99	351794	45.83	ng	0.00
23) Nitrobenzene-d5	8.83	82	234459	26.77	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	206658	40.41	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	549001	26.99	ng	0.00
79) Terphenyl-d14	19.70	244	799216	31.88	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.78	163	54871	2.427	ng	99
71) Phenanthrene	17.12	178	88260	2.826	ng	99
75) Fluoranthene	19.13	202	130556	3.006	ng	99
78) Pyrene	19.50	202	132093	4.643	ng	97
81) Benzo(a)anthracene	21.25	228	65319	2.083	ng	# 89
88) Benzo(b)fluoranthene	22.83	252	74303m	2.148	ng	

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

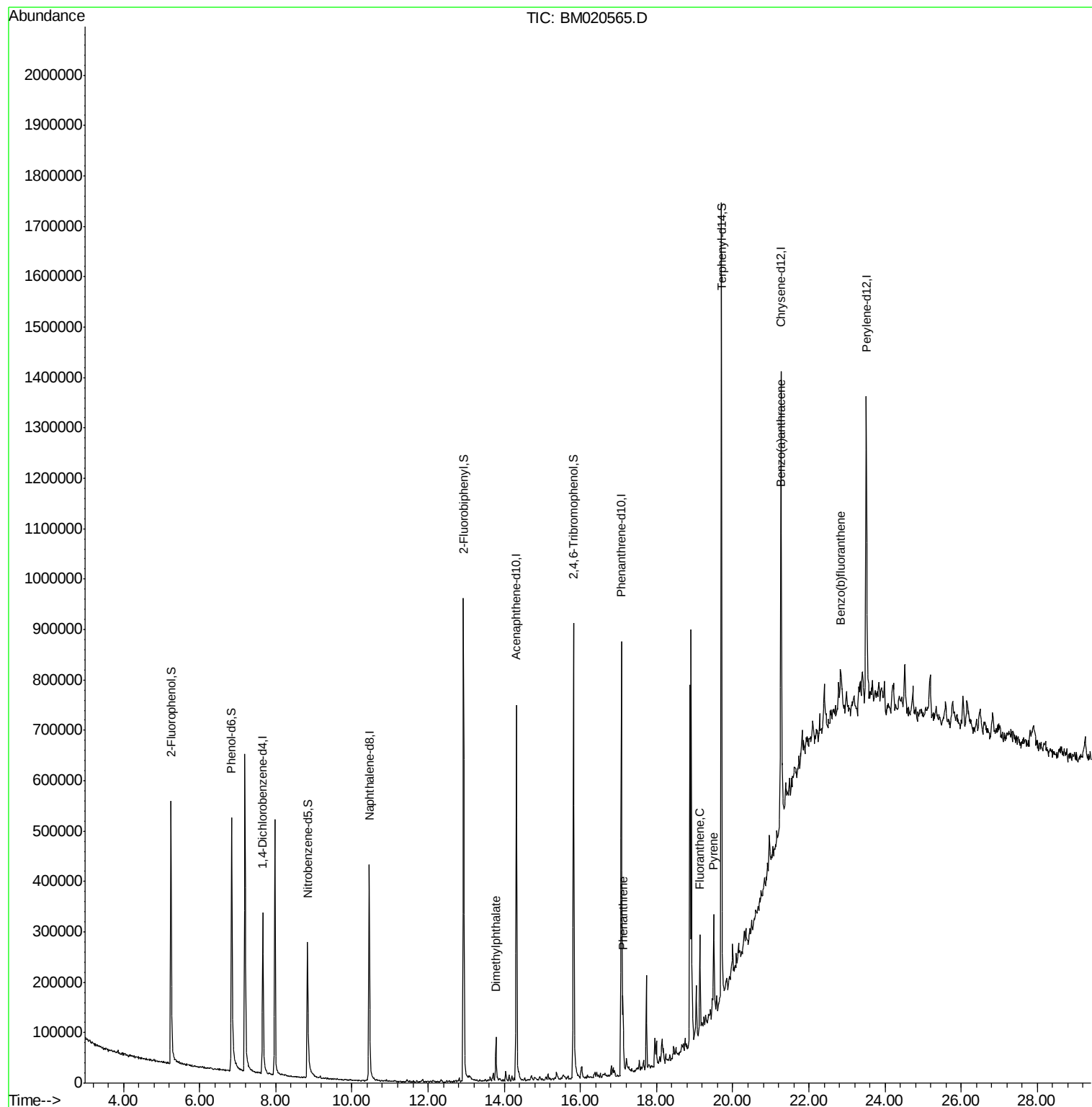
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020565.D
Acq On : 25 May 2019 05:44
Operator : JU/SJ
Sample : K2643-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

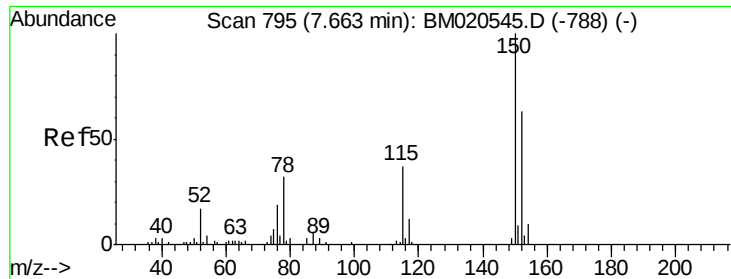
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

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5/27/2019 4:00:39 AM

Quant Time: May 25 06:54:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

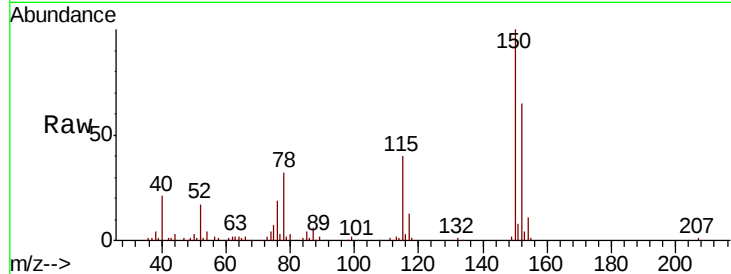
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	190.0
115	61.8	46.6	70.0

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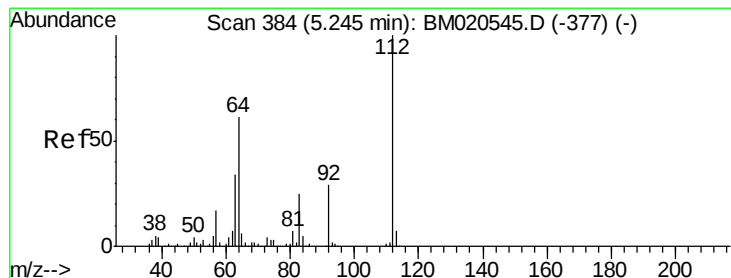
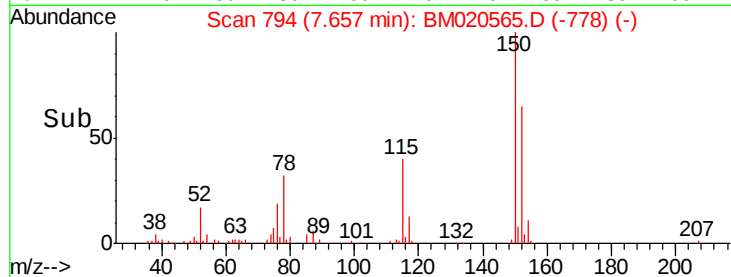
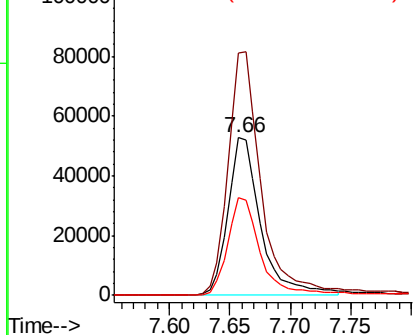


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

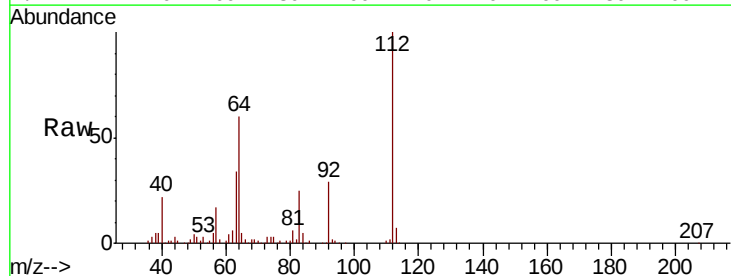
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.925 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.6	73.0
63	34.2	27.4	41.0

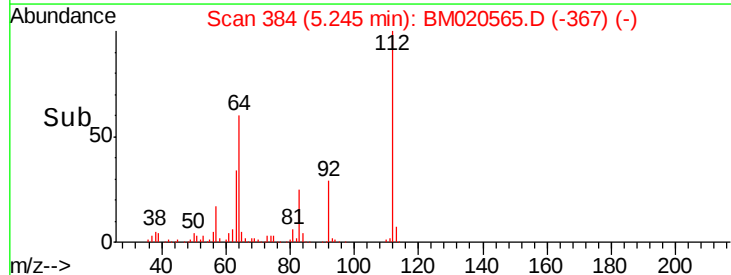
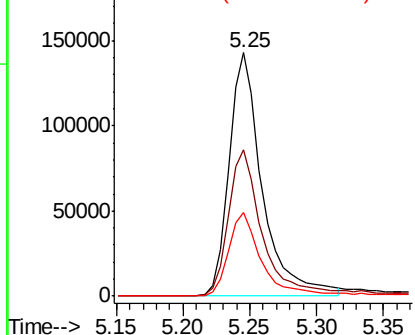


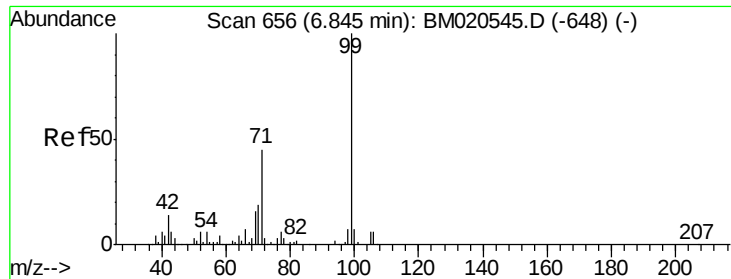
Abundance

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: 45.829 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020565.D

Acq: 25 May 2019 05:44

Instrument :

BNA_M

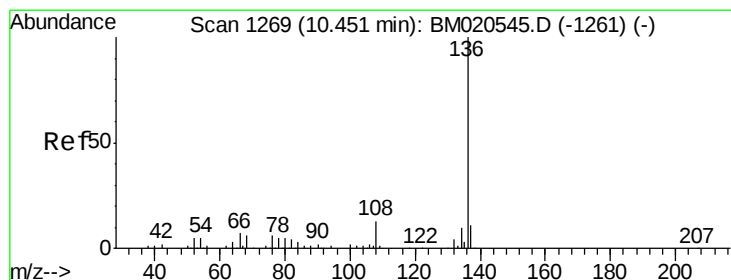
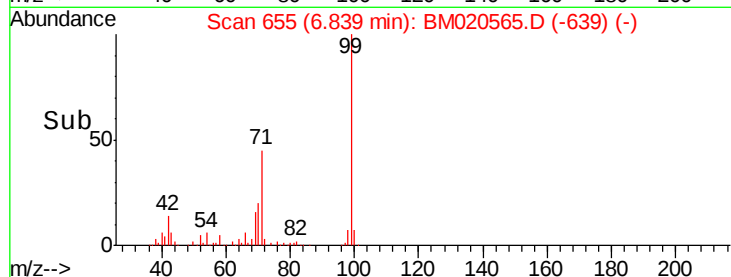
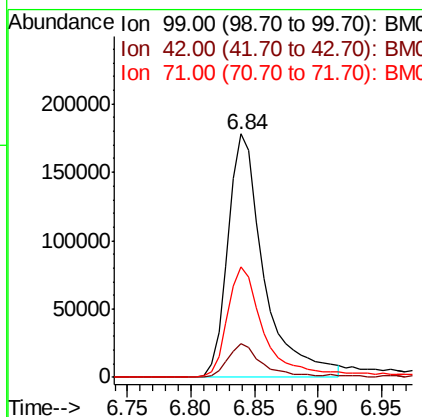
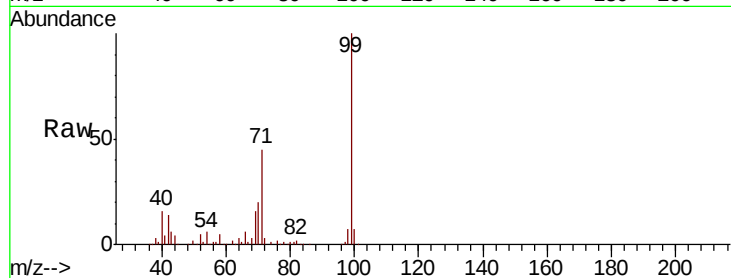
ClientSampleId :

OR-03-052319-A

Tot Ion:	99	Resp:	351794
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.8	16.2
71	45.5	36.3	54.5

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#21

Naphthalene-d8

Concen: 20.000 ng

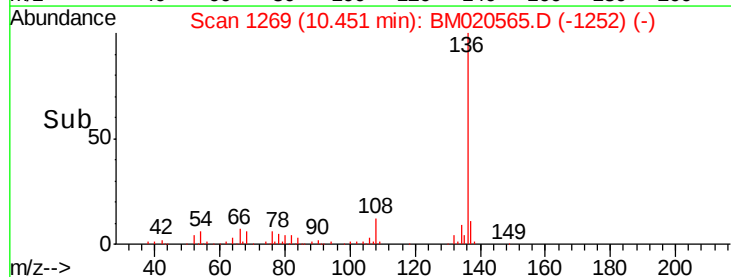
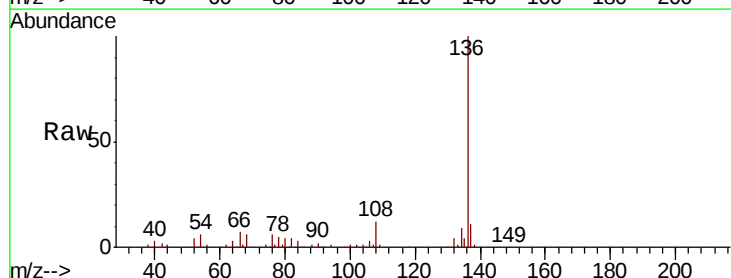
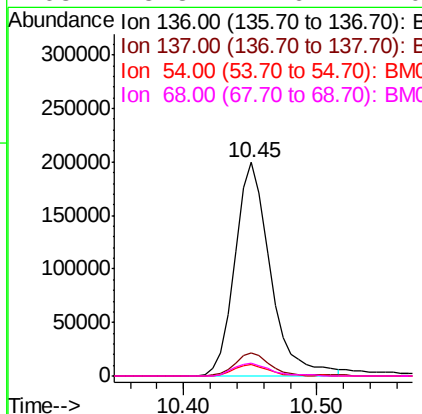
RT: 10.45 min Scan# 1269

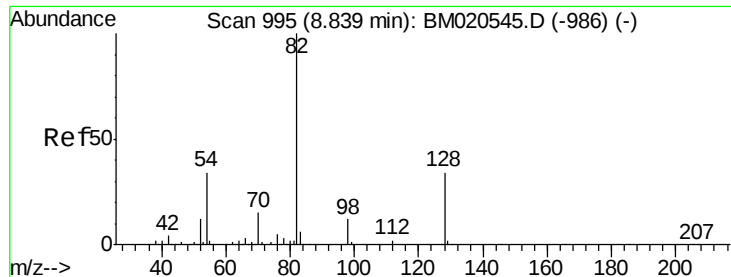
Delta R.T. -0.00 min

Lab File: BM020565.D

Acq: 25 May 2019 05:44

Tgt Ion:	136	Resp:	367557
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.5	4.2	6.4
68	5.8	4.6	7.0





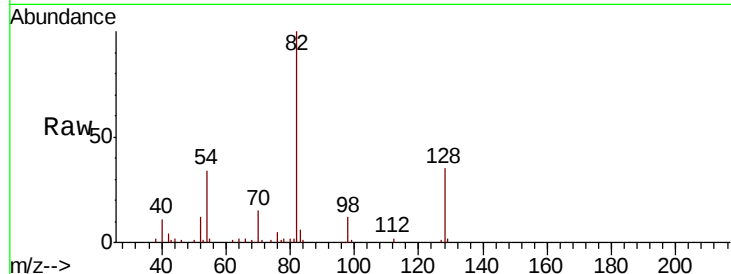
#23
Nitrobenzene-d5
Concen: 26.774 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.7	27.0	40.4	
54	34.5	27.4	41.2	

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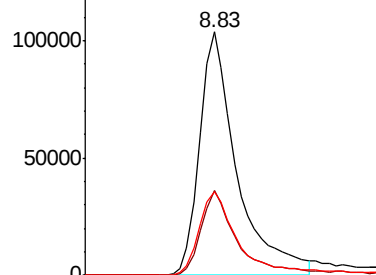


Abundance

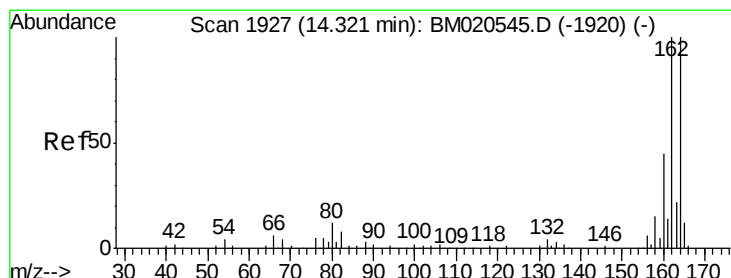
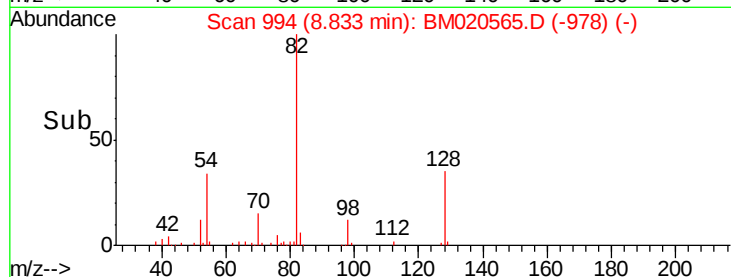
Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM020545.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-986) (-)

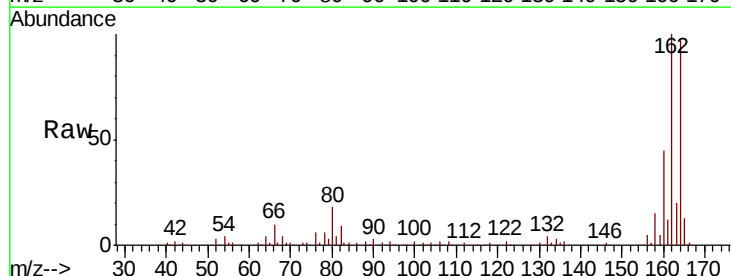


Time-->



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	79.8	119.8	
160	46.5	35.9	53.9	

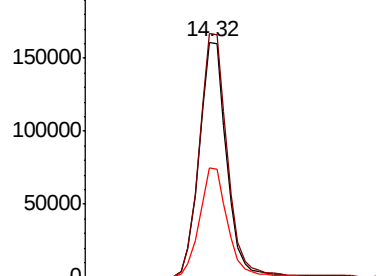


Abundance

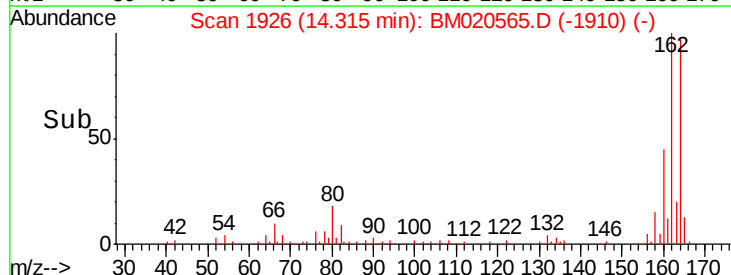
Ion 164.00 (163.70 to 164.70): BM020545.D (-1920) (-)

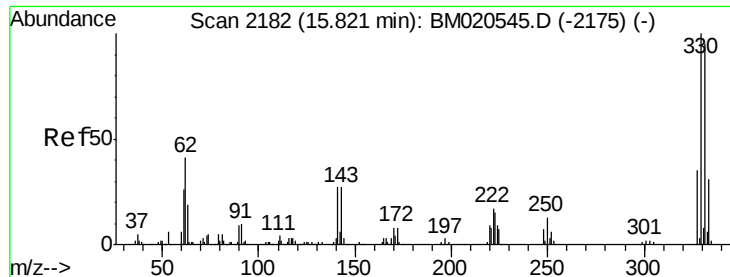
Ion 162.00 (161.70 to 162.70): BM020545.D (-1920) (-)

Ion 160.00 (159.70 to 160.70): BM020545.D (-1920) (-)



Time-->





#42

2,4,6-Tribromophenol

Concen: 40.414 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020565.D

Acq: 25 May 2019 05:44

Instrument :

BNA_M

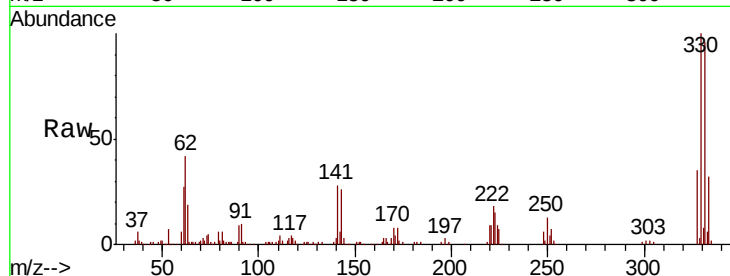
ClientSampleId :

OR-03-052319-A

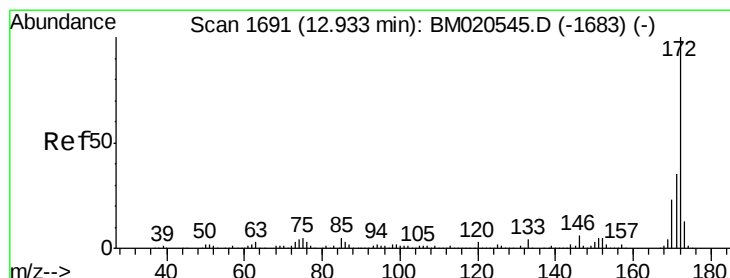
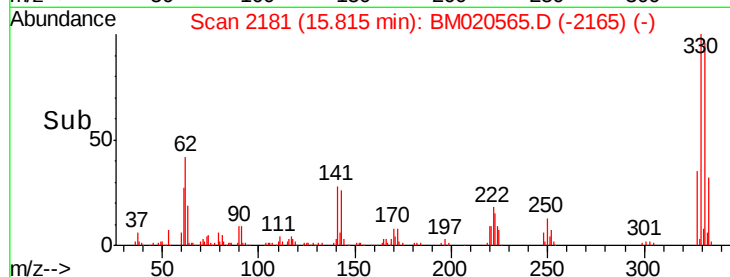
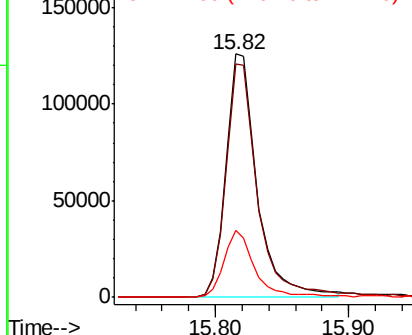
Tot Ion:	330	Resp:	206658
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.5	116.3
141	27.2	21.7	32.5

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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: 26.990 ng

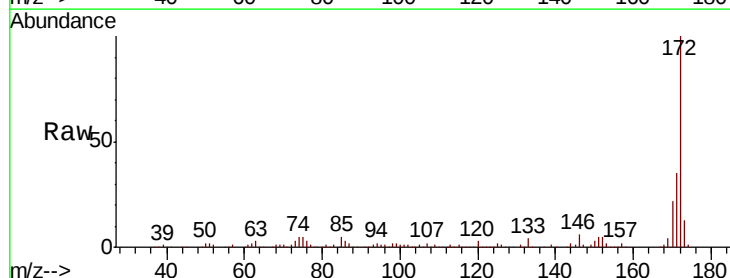
RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

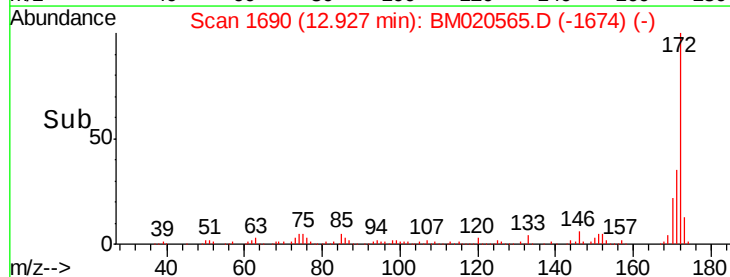
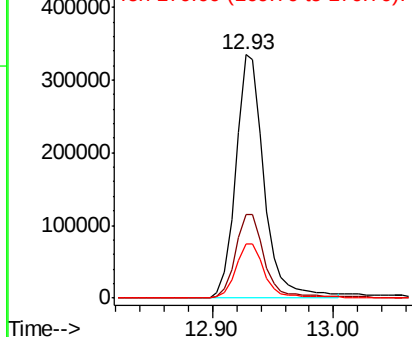
Lab File: BM020565.D

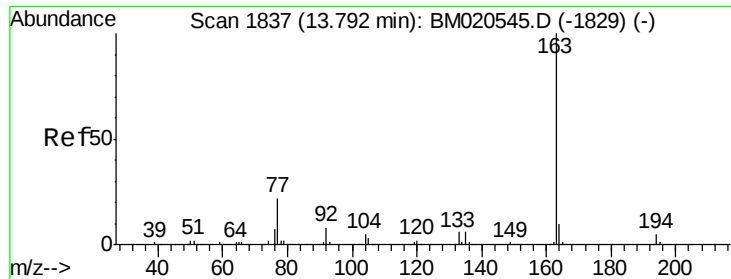
Acq: 25 May 2019 05:44

Tgt Ion:	172	Resp:	549001
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.9	41.9
170	22.2	18.2	27.4



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





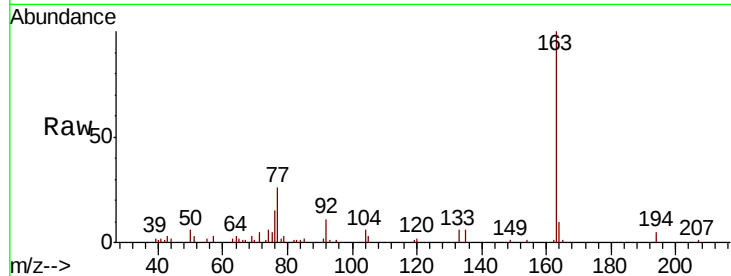
#50
Dimethylphthalate
Concen: 2.427 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	10.5	8.0	12.0

Manual Integrations
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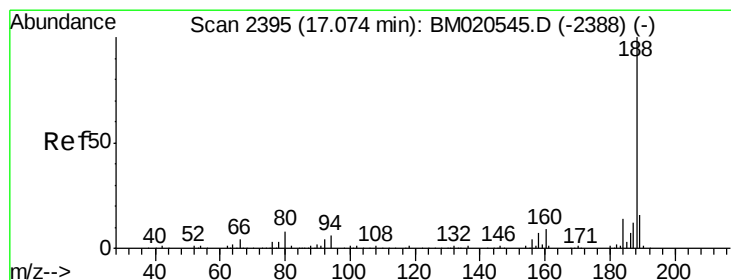
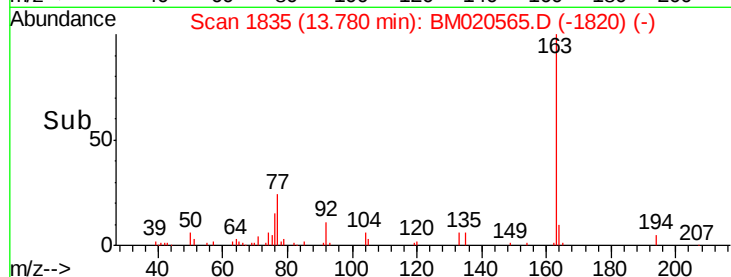
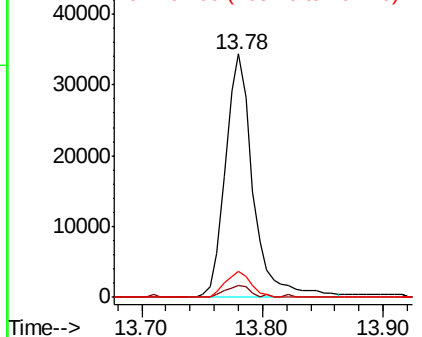


Abundance

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: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

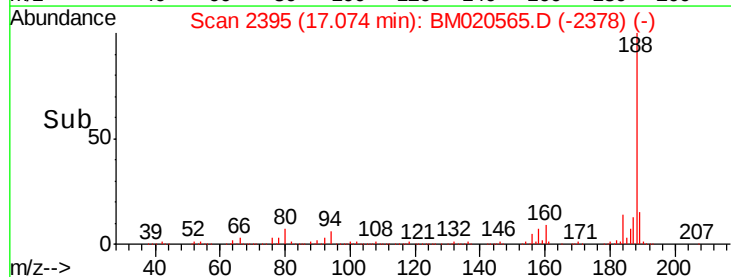
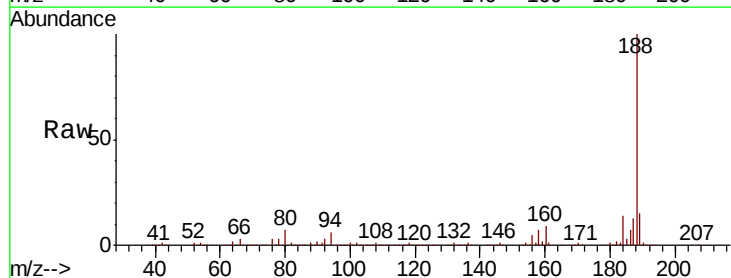
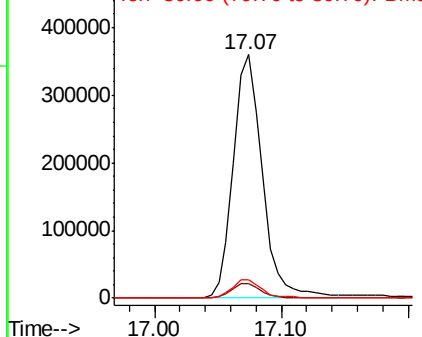
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	7.3	6.5	9.7

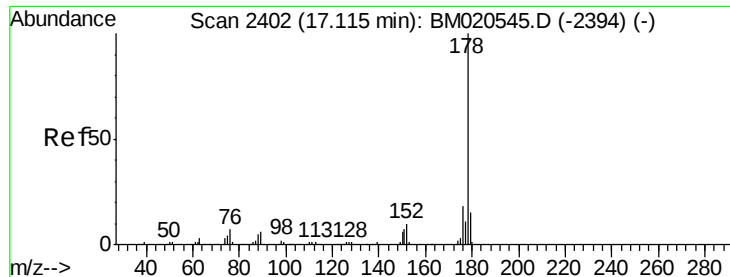
Abundance

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: 2.826 ng

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM020565.D

Acq: 25 May 2019 05:44

Instrument :

BNA_M

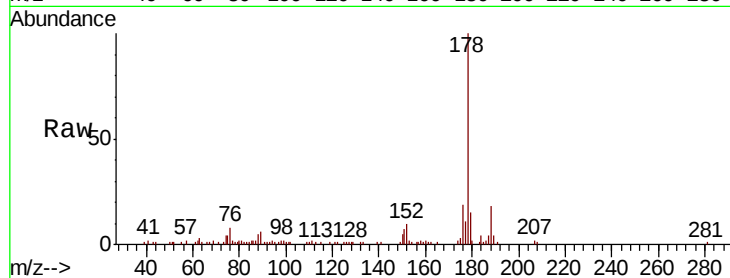
ClientSampleId :

OR-03-052319-A

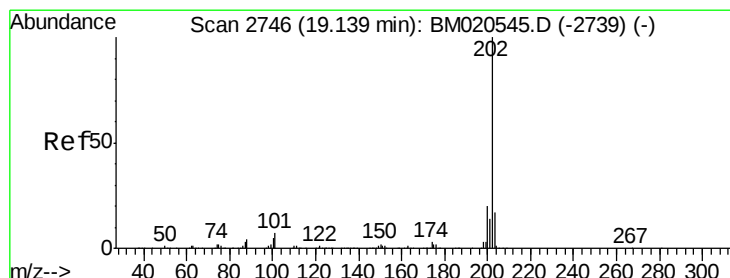
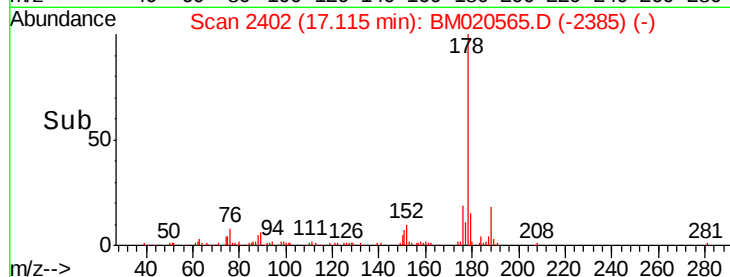
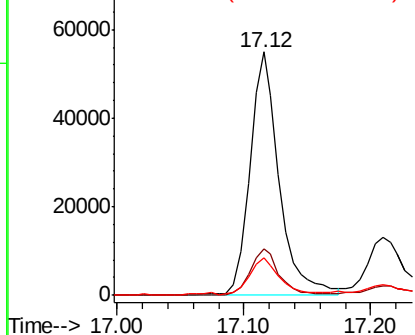
Tot Ion:	178	Resp:	88260
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.2	12.2	18.2

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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: 3.006 ng

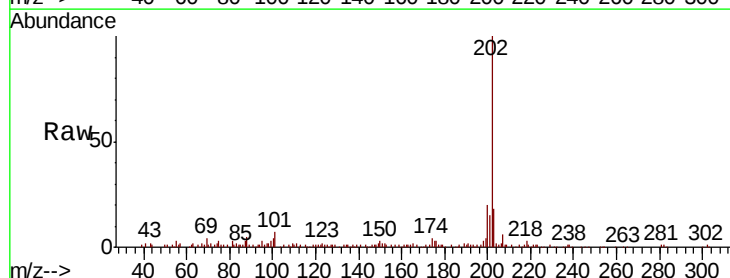
RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

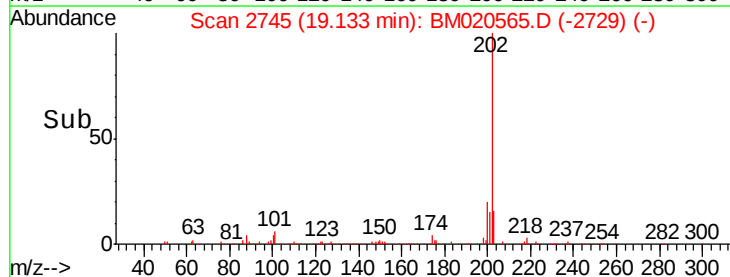
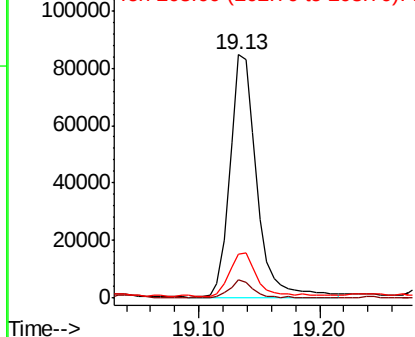
Lab File: BM020565.D

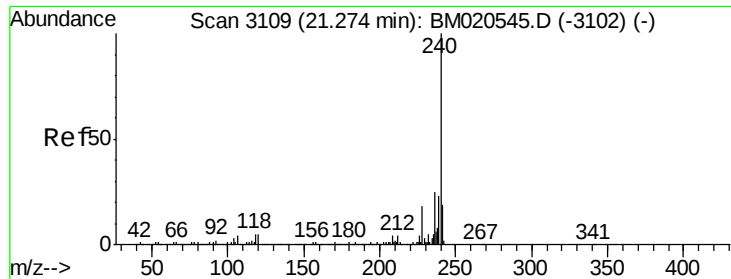
Acq: 25 May 2019 05:44

Tgt Ion:	202	Resp:	130556
Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	26.7
203	17.8	0.0	37.4



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





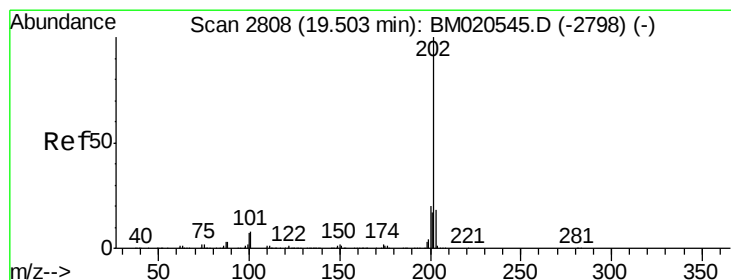
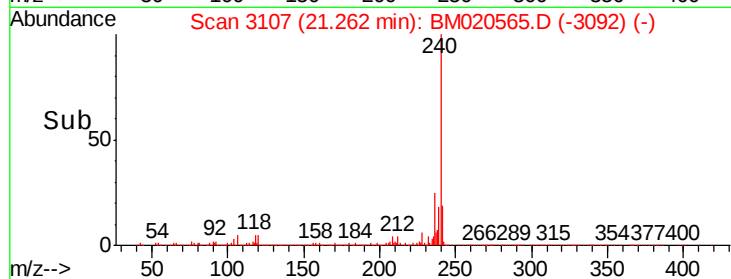
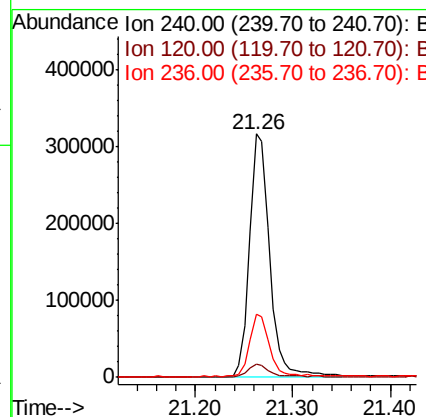
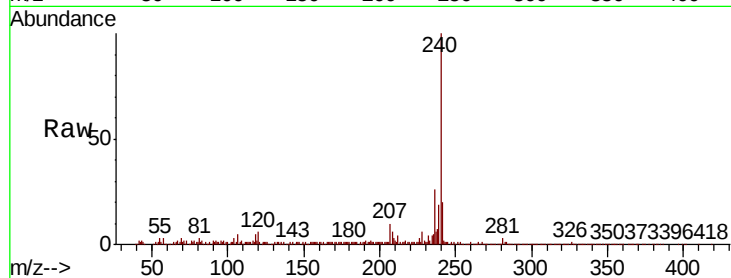
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	25.8	20.2	30.4

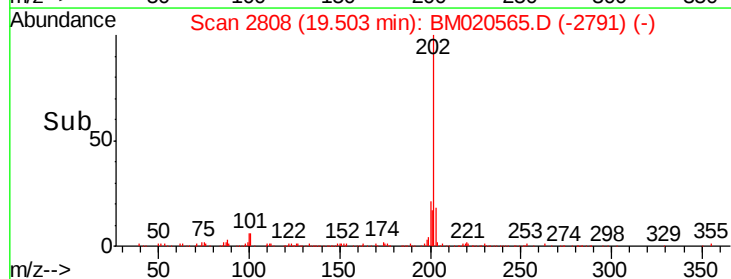
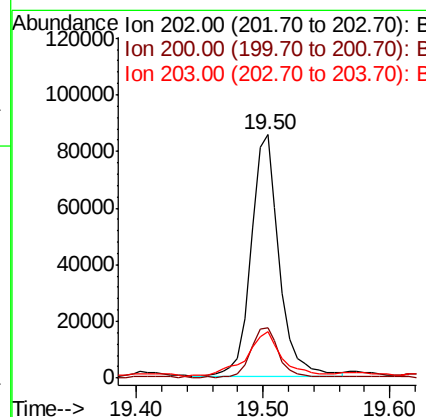
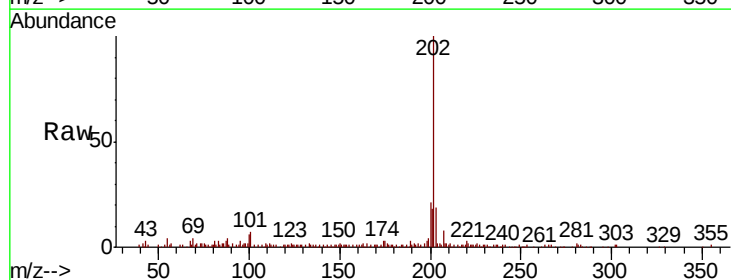
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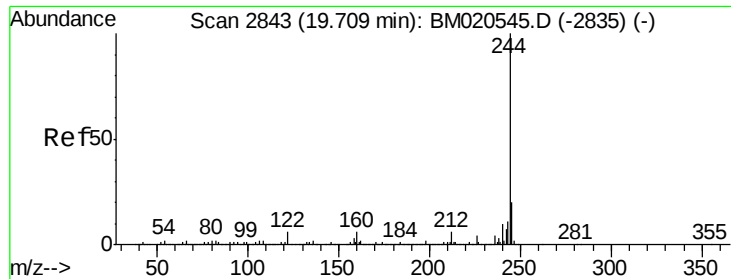
mohammad
5/27/2019 4:00:39 AM



#78
Pyrene
Concen: 4.643 ng
RT: 19.50 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.0	24.0
203	19.2	14.1	21.1





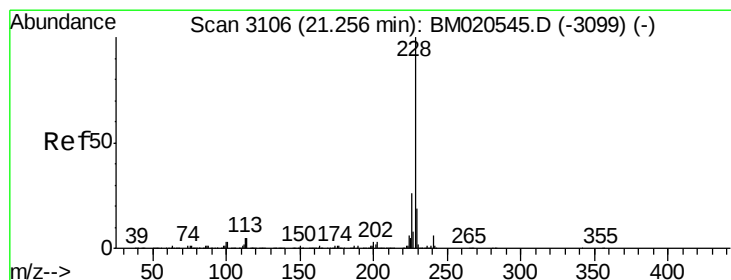
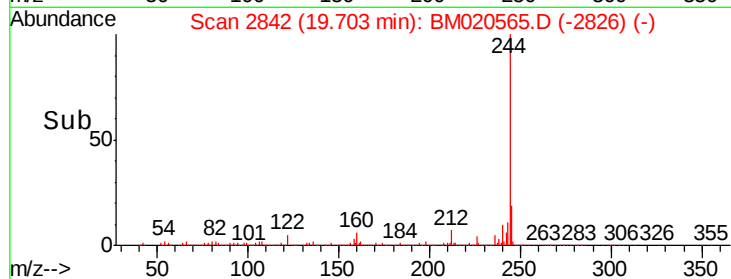
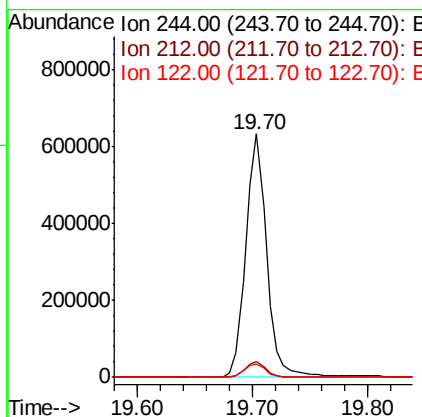
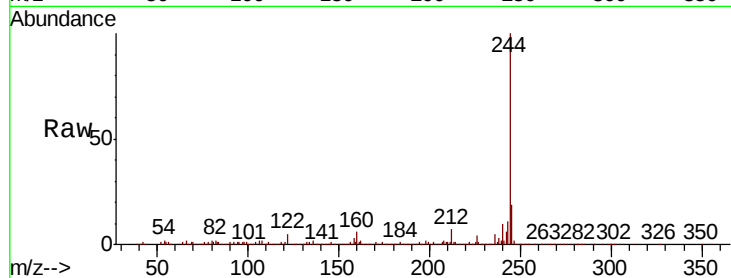
#79
 Terphenyl-d14
 Concen: 31.882 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020565.D
 Acq: 25 May 2019 05:44

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	5.3	4.6	7.0

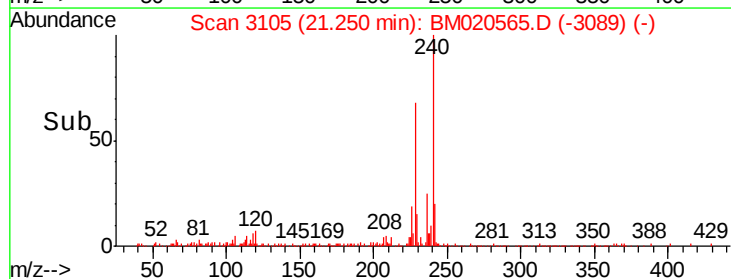
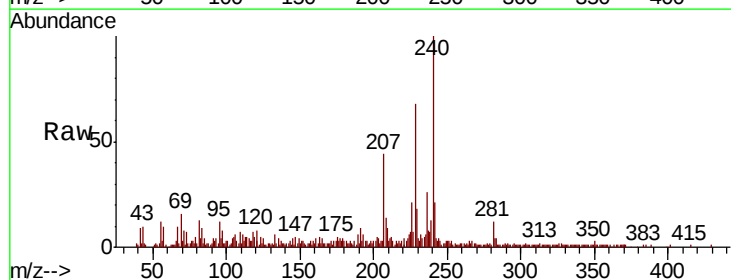
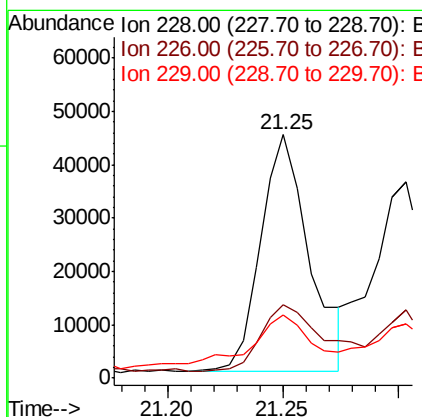
Manual Integrations
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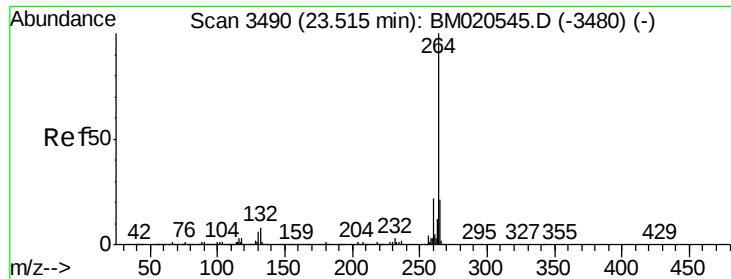
mohammad
 5/27/2019 4:00:39 AM



#81
 Benzo(a)anthracene
 Concen: 2.083 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM020565.D
 Acq: 25 May 2019 05:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	20.7	31.1
229	26.2	15.5	23.3#





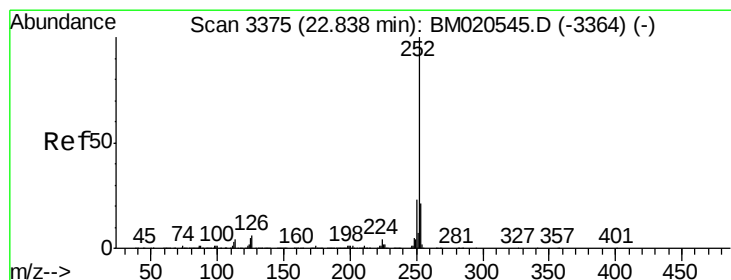
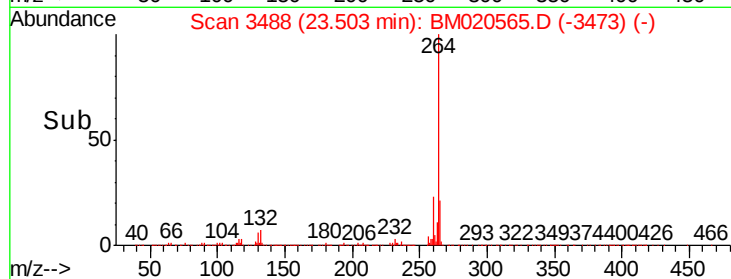
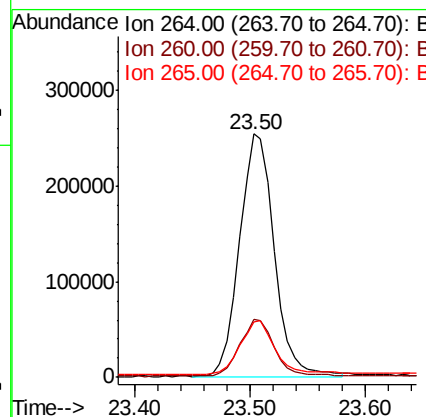
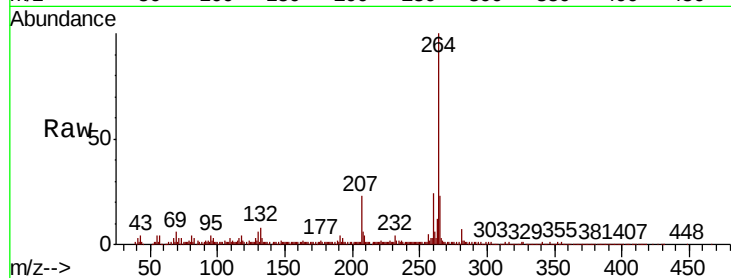
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.7	26.5
265	22.7	17.4	26.2

Manual Integrations
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mohammad
5/27/2019 4:00:39 AM



#88
Benzo(b)fluoranthene
Concen: 2.148 ng m
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020565.D
Acq: 25 May 2019 05:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.1	25.7#
125	14.0	3.8	5.8#

