

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020134.D
 Acq On : 06 May 2019 14:12
 Operator : JU/SJ
 Sample : K2627-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

mohammad
 5/7/2019 3:11:37 PM

Quant Time: May 07 07:29:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	126754	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	472572	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	284307	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	680764	20.00	ng	0.00
76) Chrysene-d12	21.36	240	697898	20.00	ng	-0.01
87) Perylene-d12	23.66	264	826800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	872207	112.48	ng	0.00
7) Phenol-d6	6.95	99	1230893	116.19	ng	0.00
23) Nitrobenzene-d5	8.95	82	884527	73.90	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	505389	114.52	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1603921	69.41	ng	-0.01
79) Terphenyl-d14	19.80	244	2491445	62.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	155330	6.428	ng	99
71) Phenanthrene	17.22	178	141773	3.773	ng	97
75) Fluoranthene	19.23	202	208862	4.393	ng	99
78) Pyrene	19.60	202	207109	4.420	ng	97
84) Bis(2-ethylhexyl)phthalate	21.27	149	253786	9.598	ng	100
88) Benzo(b)fluoranthene	22.96	252	123550m	2.263	ng	

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

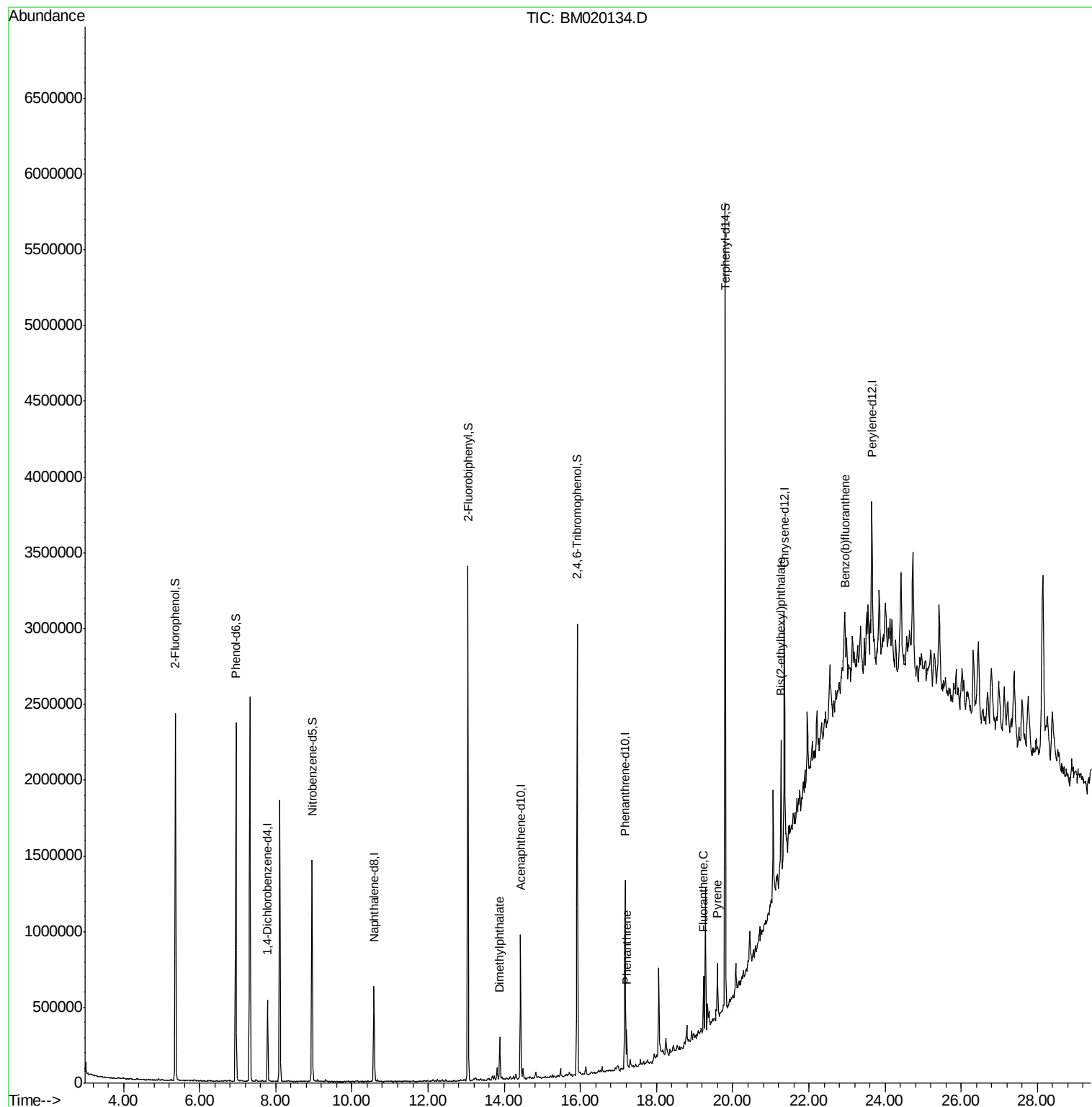
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020134.D
Acq On : 06 May 2019 14:12
Operator : JU/SJ
Sample : K2627-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

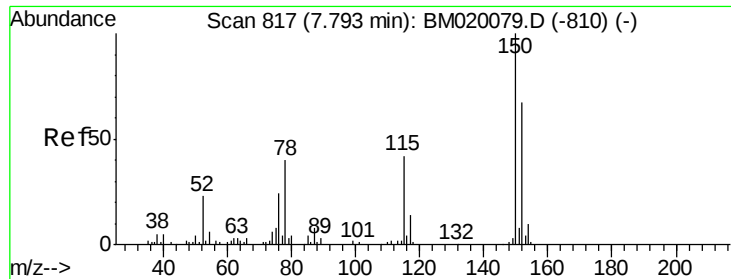
Instrument :
BNA_M
ClientSampleId :
WC-1

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#1

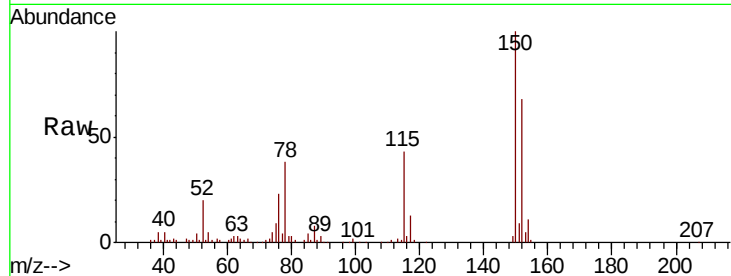
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Instrument :
BNA_M
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.8	179.8
115	64.1	50.8	76.2

Manual Integrations
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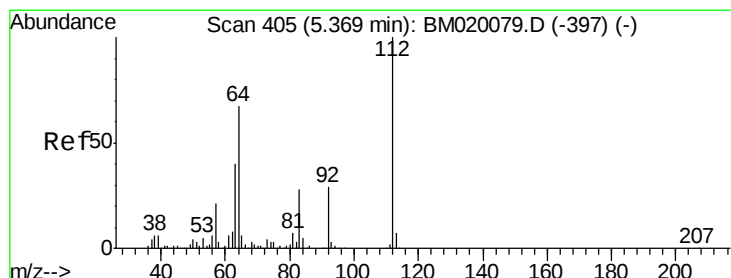
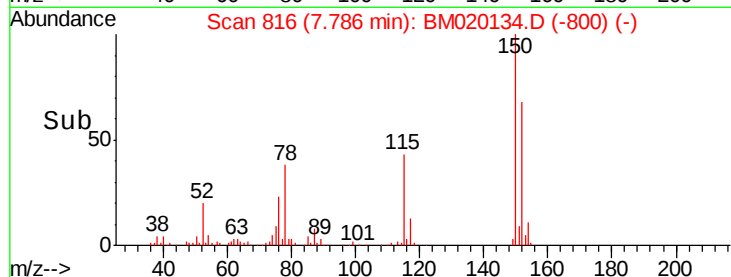
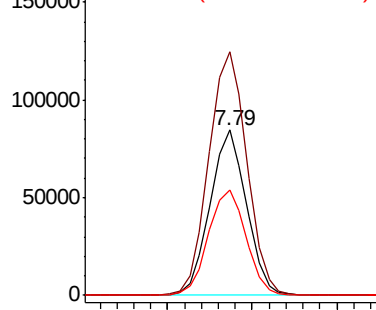


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

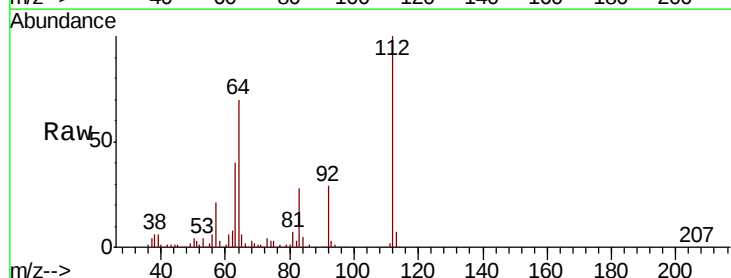
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.478 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.8	80.6
63	40.4	32.3	48.5

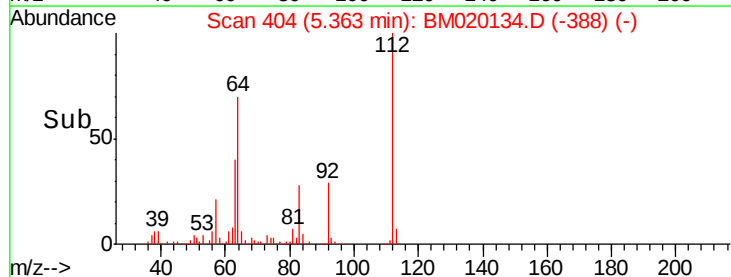
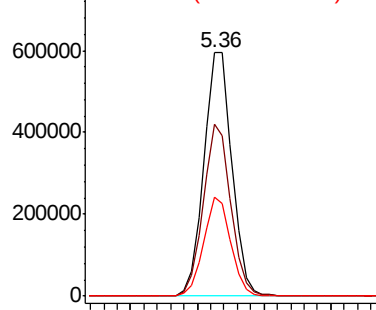


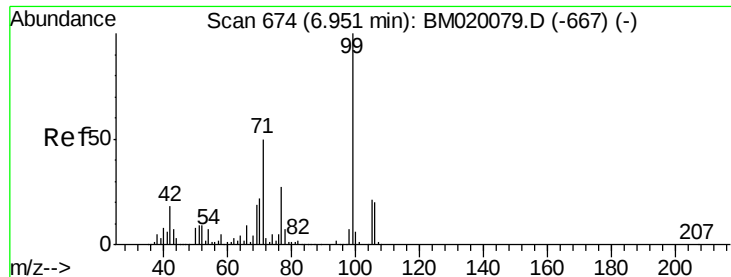
Abundance

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: 116.191 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

ClientSampled :

WC-1

Tot Ion: 99 Resp: 1230893

Ion Ratio Lower Upper

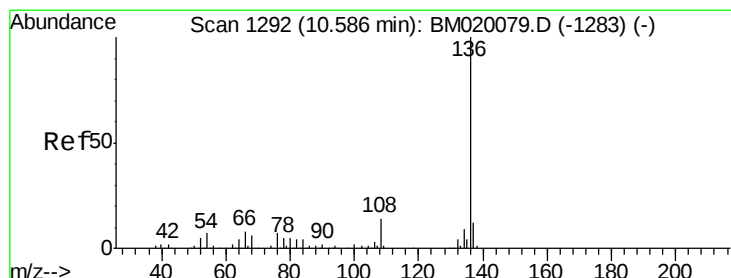
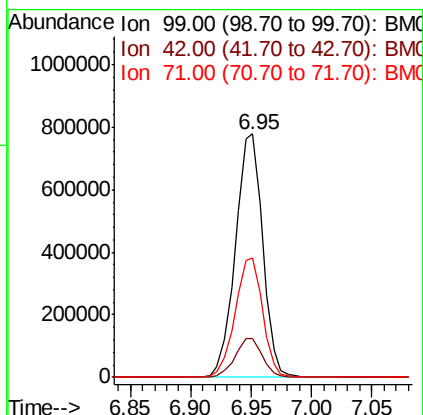
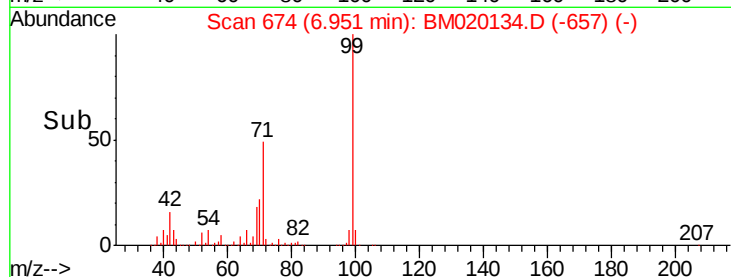
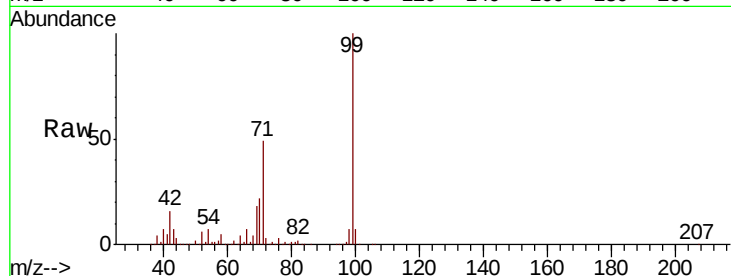
99 100

42 15.8 14.2 21.2

71 49.0 40.3 60.5

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Tgt Ion: 136 Resp: 472572

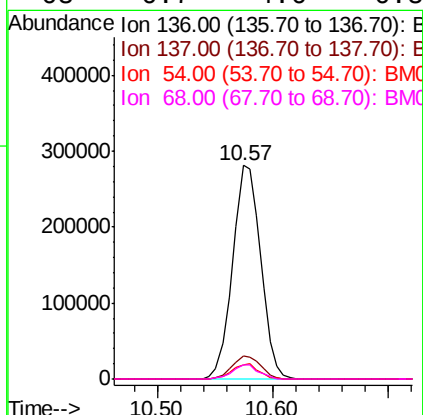
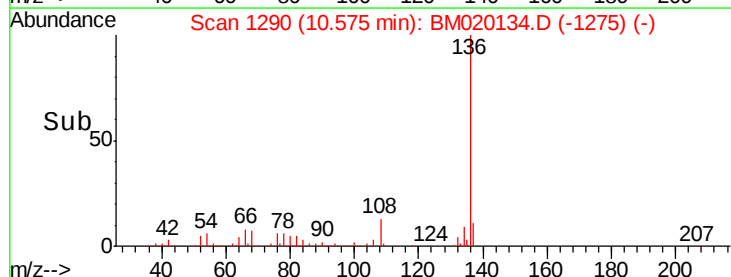
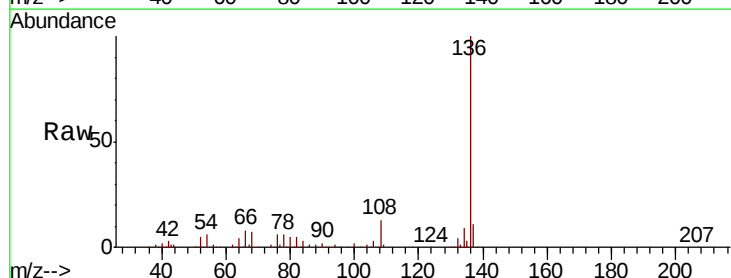
Ion Ratio Lower Upper

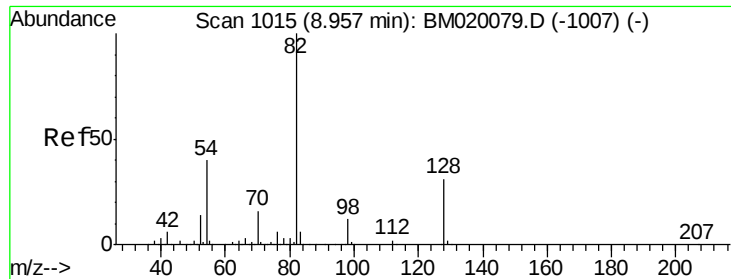
136 100

137 10.5 9.6 14.4

54 6.5 5.5 8.3

68 6.7 4.6 6.8





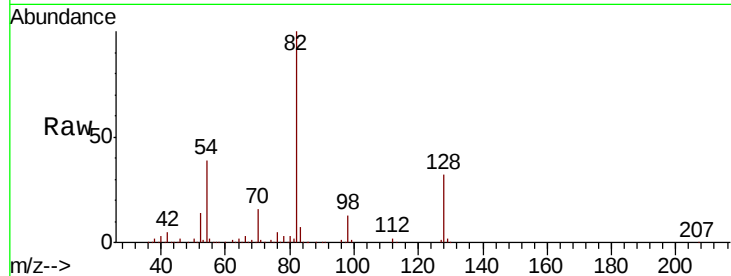
#23
Nitrobenzene-d5
Concen: 73.896 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Instrument :
BNA_M
ClientSampled :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	884527		
128	32.0		25.2	37.8
54	38.7		31.9	47.9

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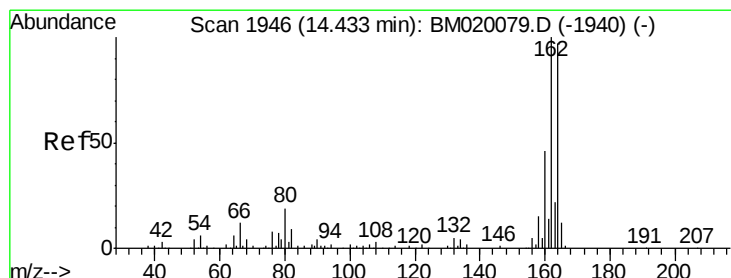
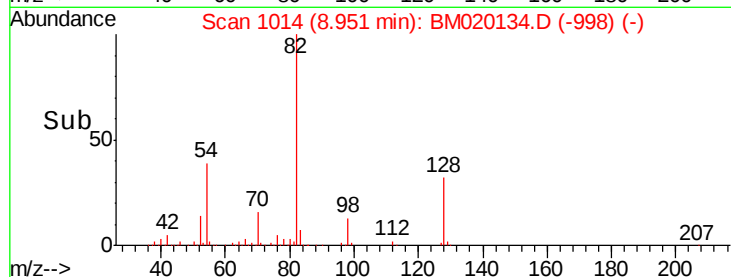
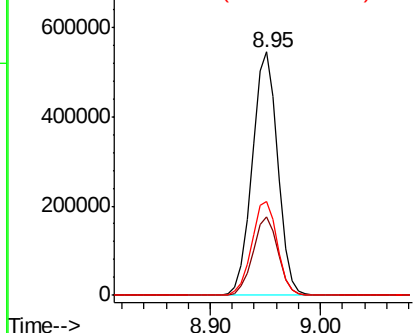


Abundance

Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

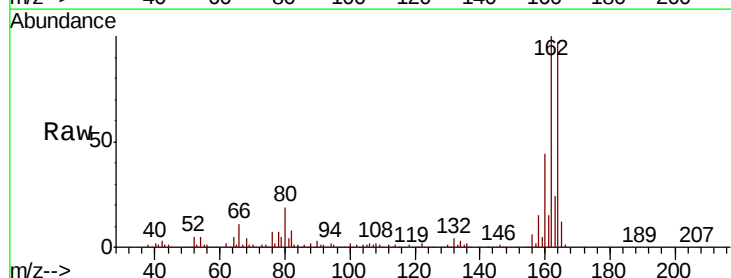
Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284307		
162	103.6		82.2	123.2
160	45.5		37.6	56.4

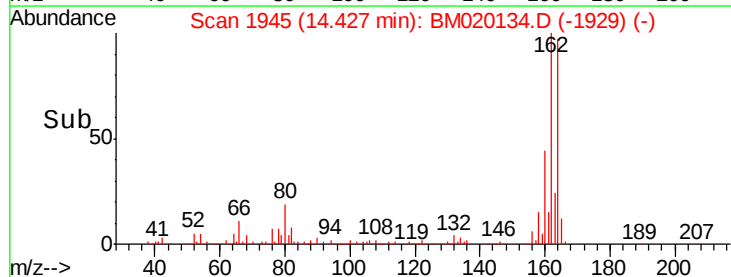
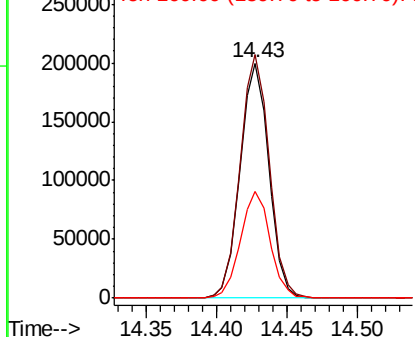


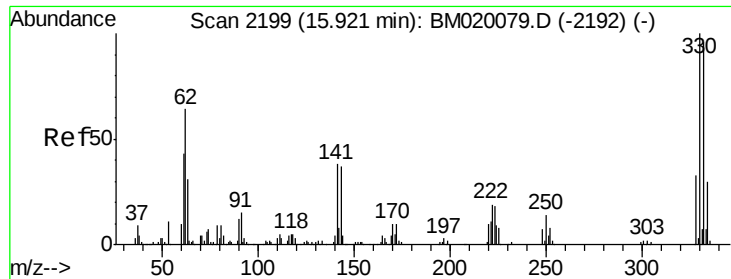
Abundance

Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)





#42

2,4,6-Tribromophenol

Concen: 114.523 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

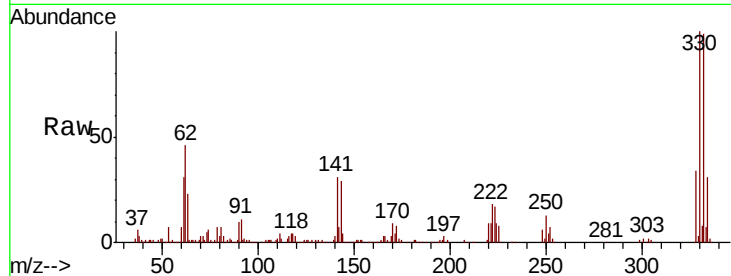
ClientSampleId :

WC-1

Tot Ion:	330	Resp:	505389
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	34.5	29.2	43.8

Manual Integrations
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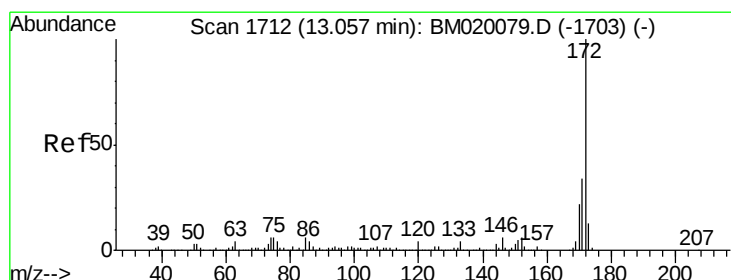
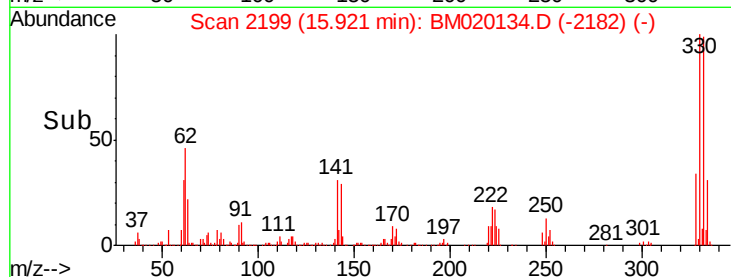
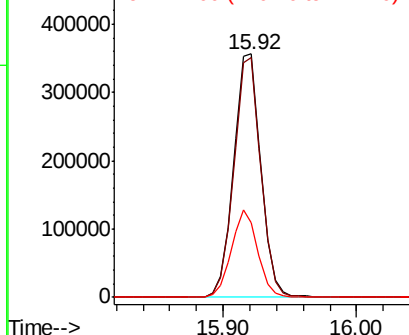


Abundance

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: 69.411 ng

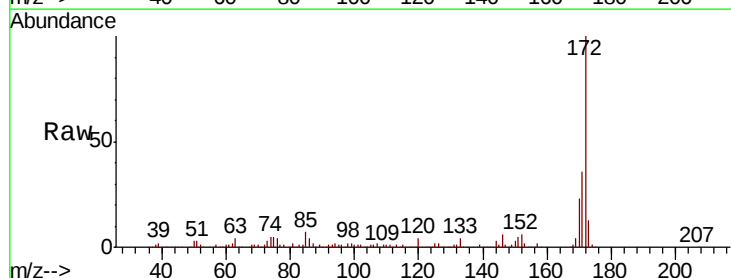
RT: 13.04 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Tgt Ion:	172	Resp:	1603921
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.3	40.9
170	22.8	17.9	26.9

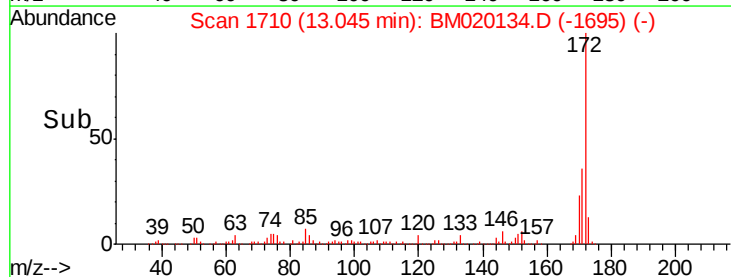
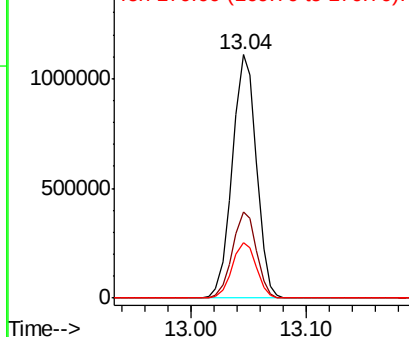


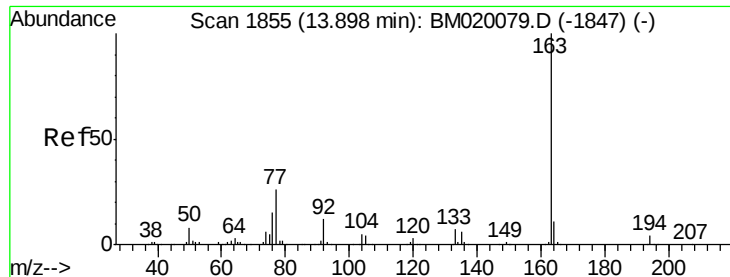
Abundance

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: 6.428 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

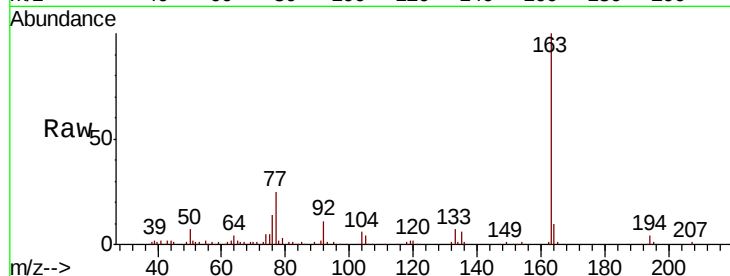
ClientSampled :

WC-1

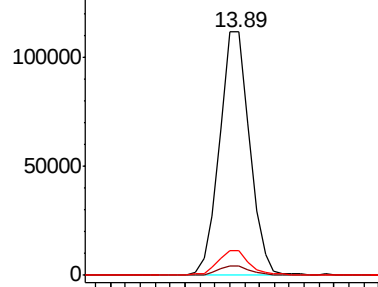
Tot Ion:	163	Resp:	155330
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.6	5.4
164	10.3	8.4	12.6

Manual Integrations
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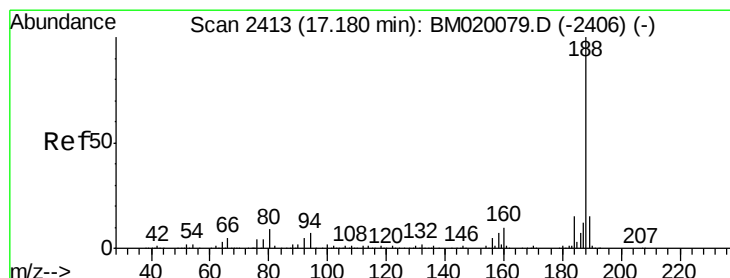
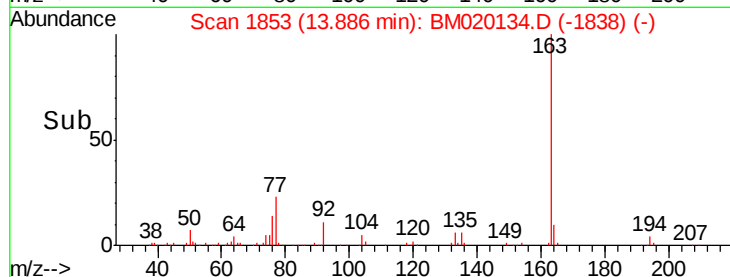
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5/7/2019 3:11:37 PM



Abundance Ion 163.00 (162.70 to 163.70): E
150000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

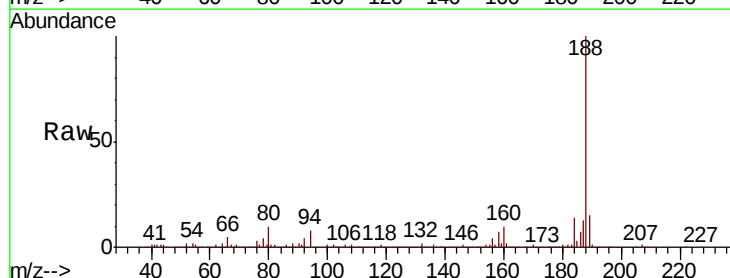
RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

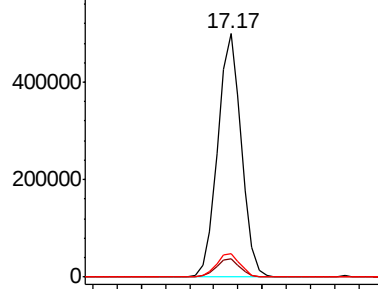
Lab File: BM020134.D

Acq: 06 May 2019 14:12

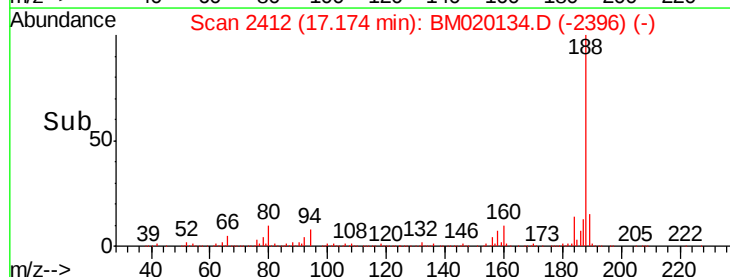
Tgt Ion:	188	Resp:	680764
Ion Ratio	Lower	Upper	
188	100		
94	7.6	5.8	8.6
80	9.6	7.4	11.2

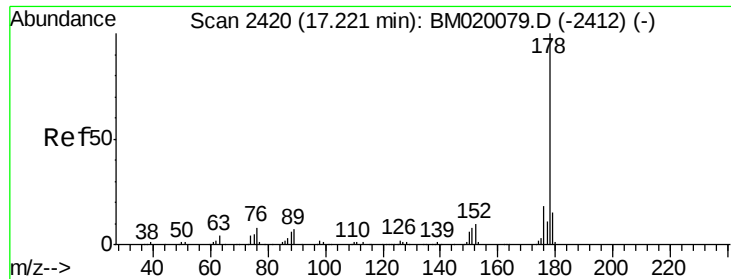


Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



Time-->





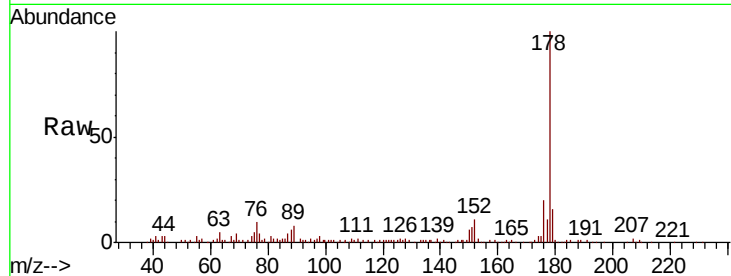
#71
Phenanthrene
Concen: 3.773 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

Instrument :
BNA_M
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	21.8
179	15.8	12.4	18.6

Manual Integrations
APPROVED

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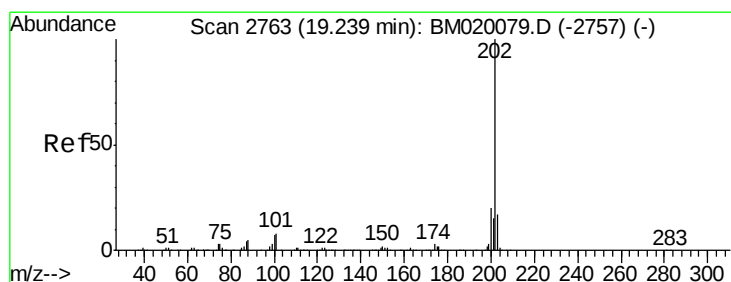
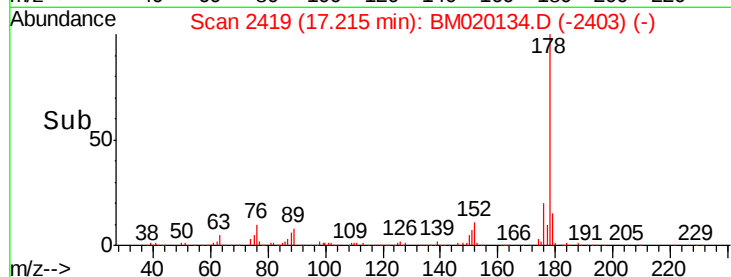
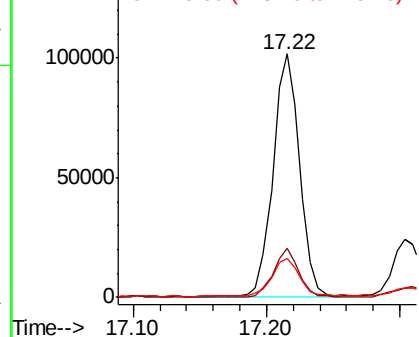


Abundance

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: 4.393 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020134.D
Acq: 06 May 2019 14:12

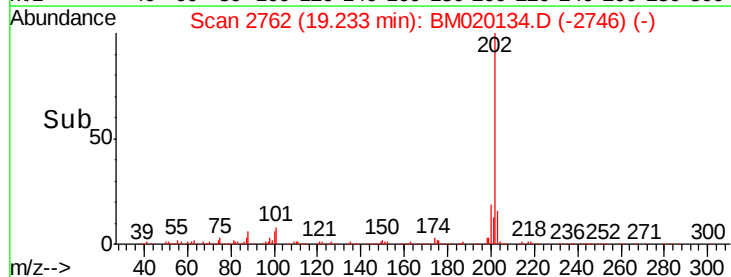
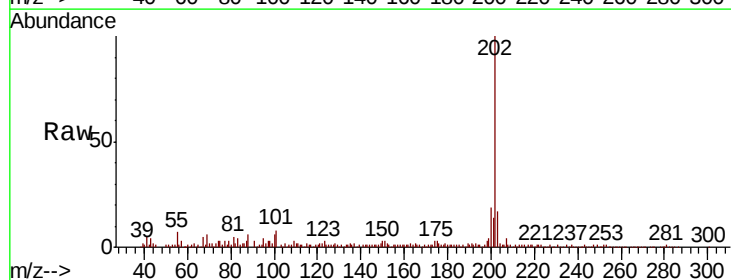
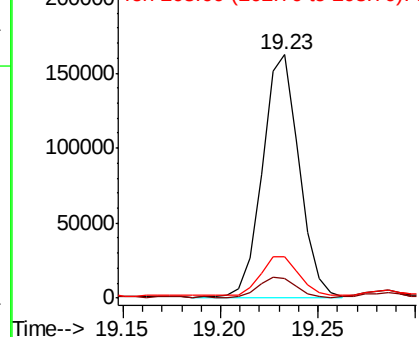
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	16.9	0.0	37.4

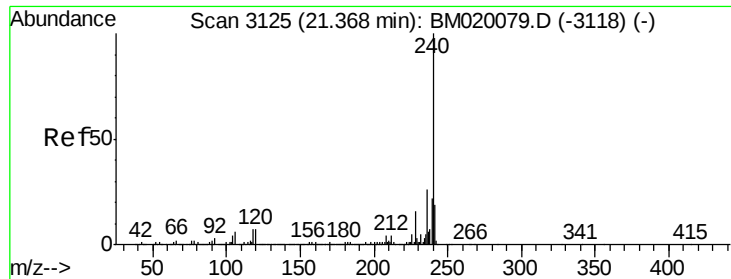
Abundance

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





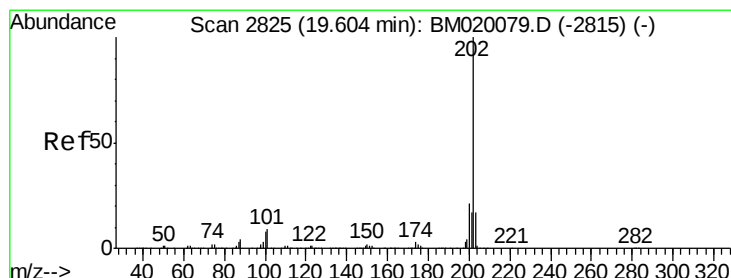
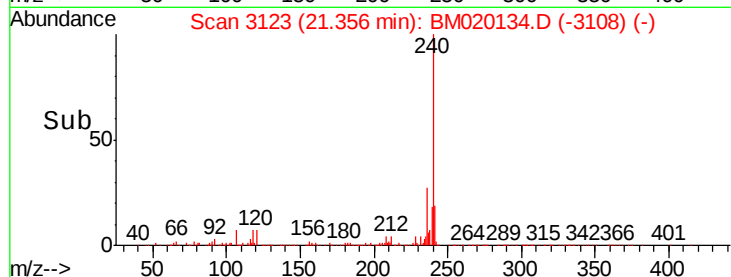
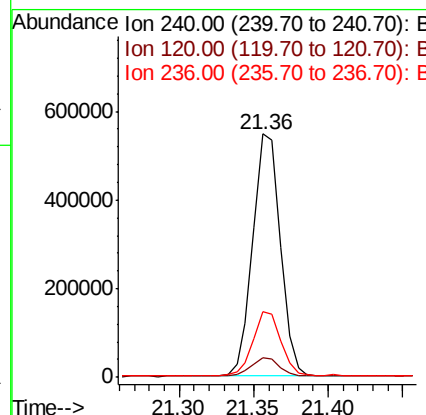
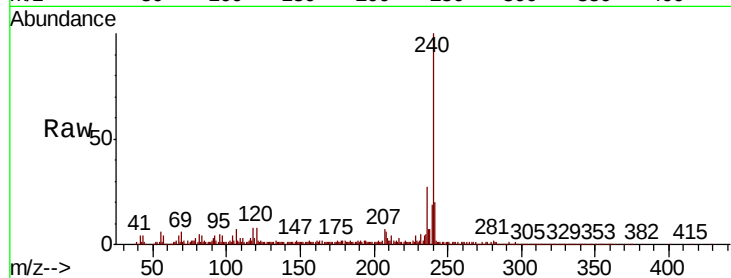
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.36 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	27.2	20.9	31.3

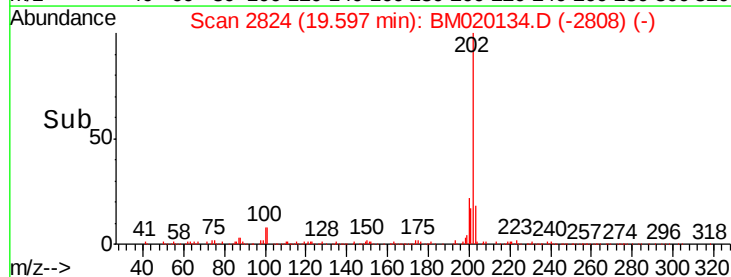
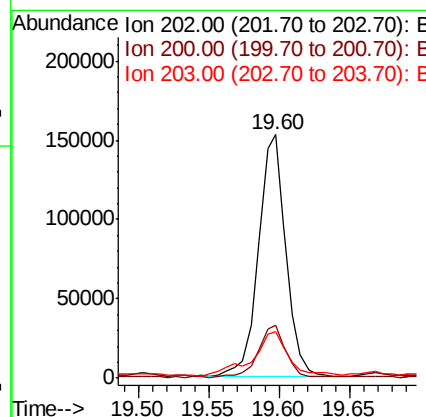
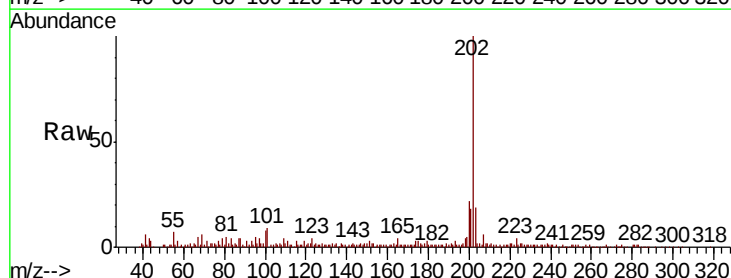
Manual Integrations
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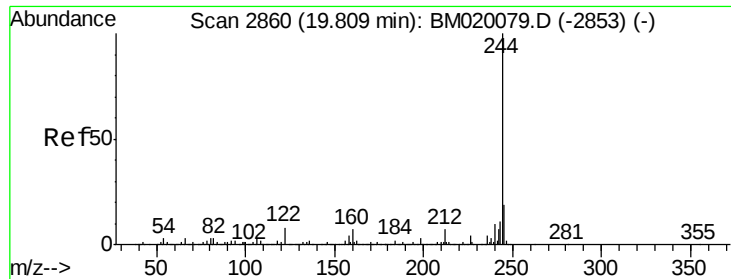
mohammad
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#78
 Pyrene
 Concen: 4.420 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.5	24.7
203	19.3	13.9	20.9





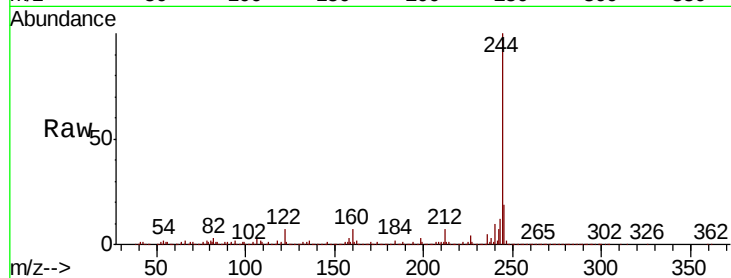
#79
 Terphenyl-d14
 Concen: 62.267 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Instrument :
 BNA_M
 ClientSampled :
 WC-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.1	6.2	9.2

Manual Integrations
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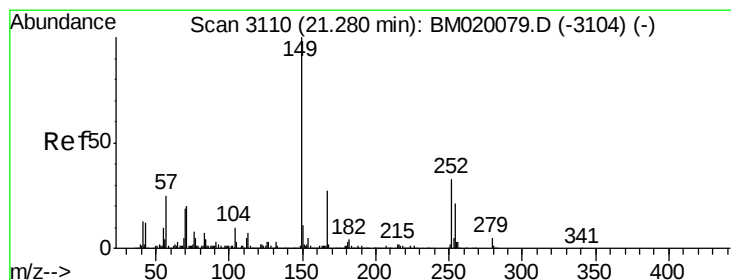
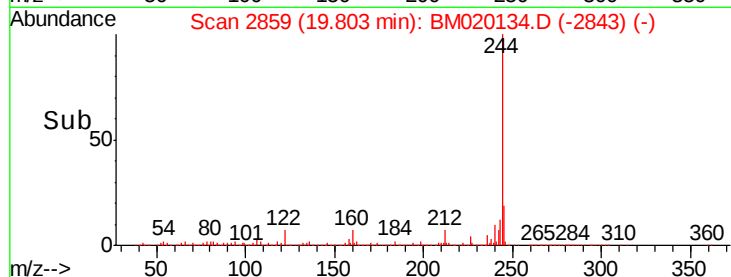
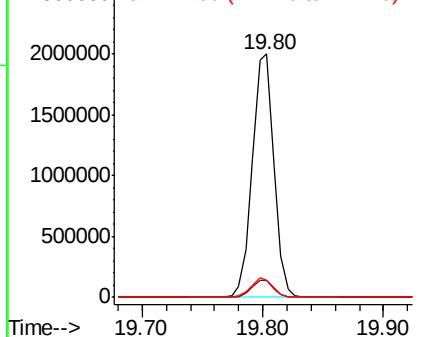


Abundance

Ion 244.00 (243.70 to 244.70): E

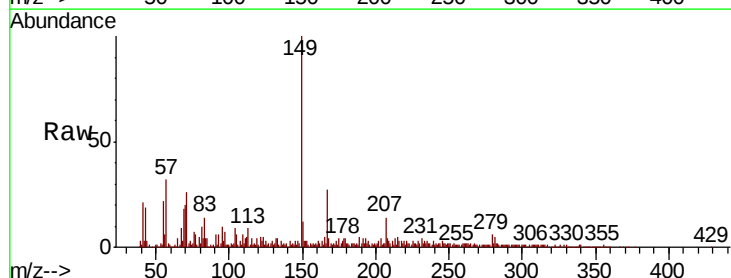
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.598 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM020134.D
 Acq: 06 May 2019 14:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	5.9	4.2	6.2

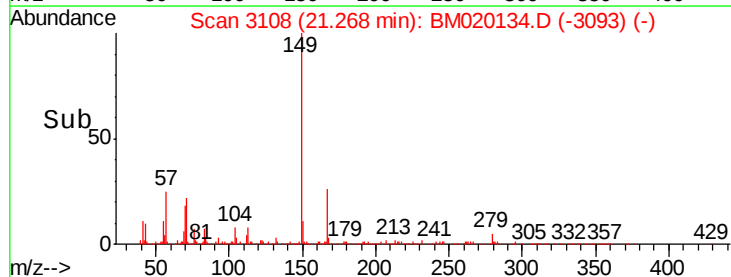
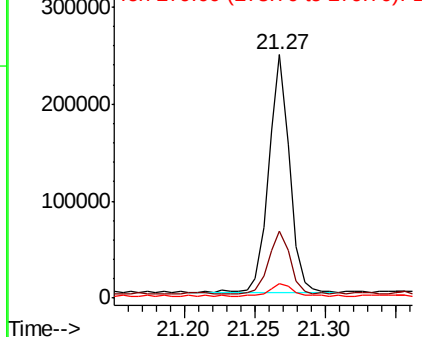


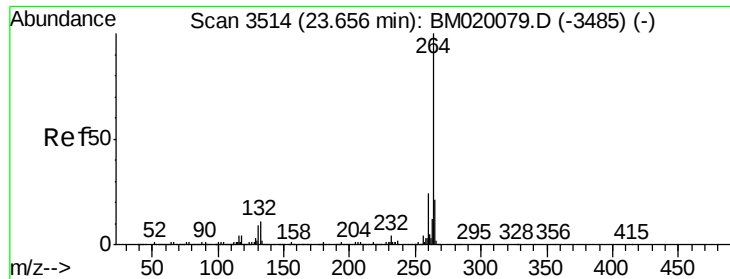
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Instrument :

BNA_M

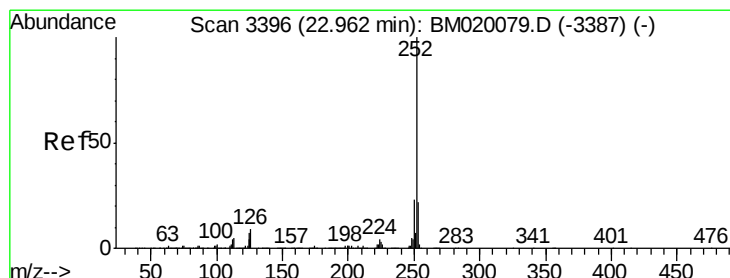
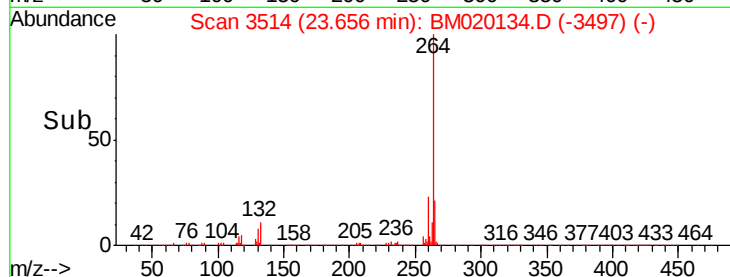
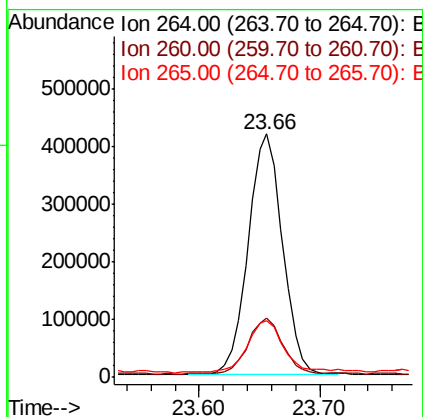
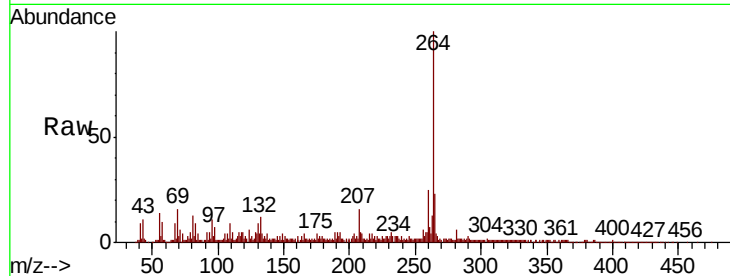
ClientSampled :

WC-1

Tot Ion:	264	Resp:	826800
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	23.2	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.263 ng m

RT: 22.96 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM020134.D

Acq: 06 May 2019 14:12

Tgt Ion:	252	Resp:	123550
Ion Ratio	Lower	Upper	
252	100		
253	57.7	17.5	26.3#
125	26.0	5.4	8.2#

