

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020165.D
 Acq On : 07 May 2019 11:52
 Operator : JU/SJ
 Sample : K2672-08 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-COMP

Manual Integrations
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 5/7/2019 3:12:33 PM

Quant Time: May 07 13:15:33 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	7.80	152	190426	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	667729	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	358762	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	831412	20.00	ng	0.01
76) Chrysene-d12	21.37	240	828230	20.00	ng	0.00
87) Perylene-d12	23.67	264	973607	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	119625	10.27	ng	0.00
7) Phenol-d6	6.96	99	162817	10.23	ng	0.01
23) Nitrobenzene-d5	8.96	82	93596	5.53	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	51880	9.32	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	191727	6.58	ng	0.00
79) Terphenyl-d14	19.81	244	282713	5.95	ng	0.00
Target Compounds						
75) Fluoranthene	19.24	202	162955	2.806	ng	99
78) Pyrene	19.62	202	150641	2.709	ng	98
88) Benzo(b)fluoranthene	22.98	252	142468m	2.216	ng	

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

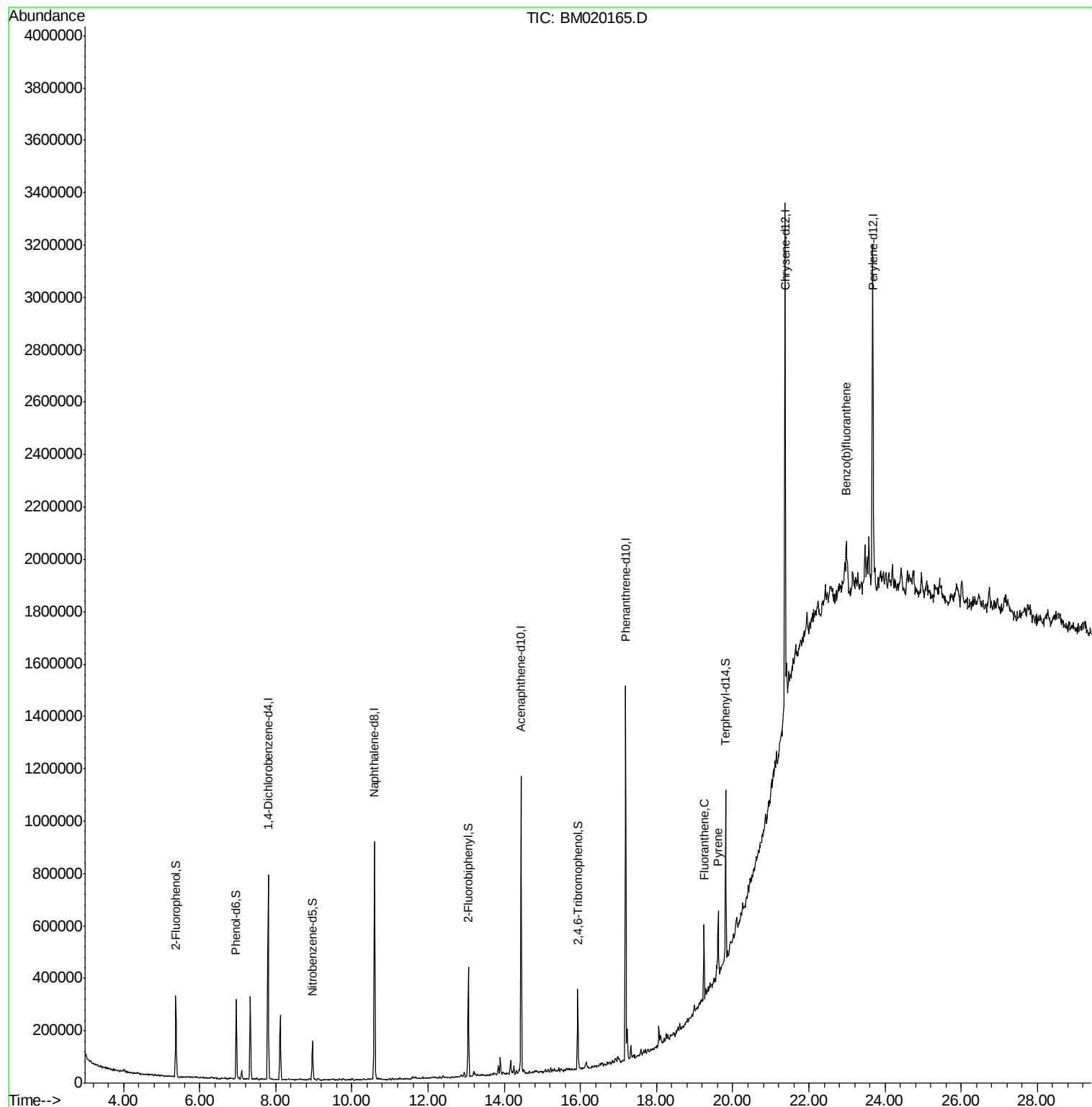
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020165.D
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ALS Vial : 34 Sample Multiplier: 1

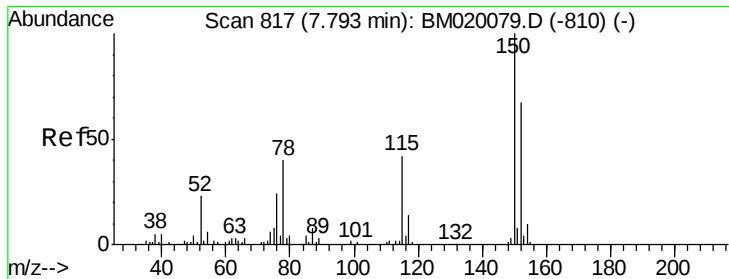
Instrument :
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#1

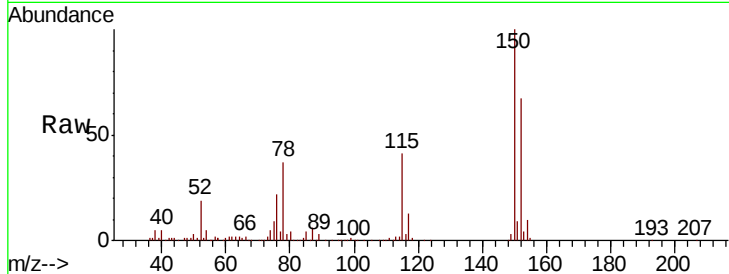
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 818
Delta R.T. 0.01 min
Lab File: BM020165.D
Acq: 07 May 2019 11:52

Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.8	179.8
115	61.5	50.8	76.2

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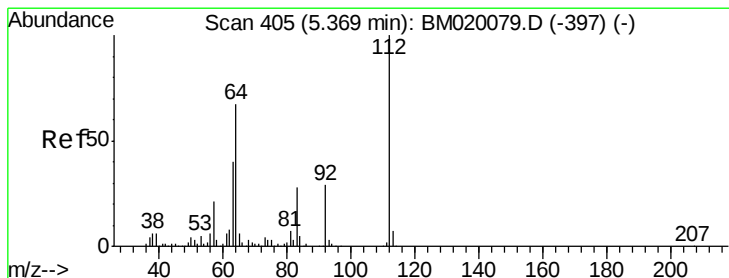
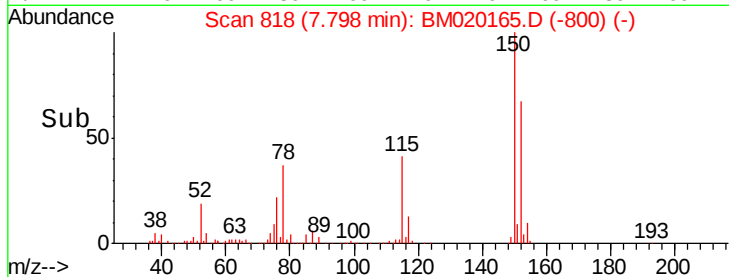
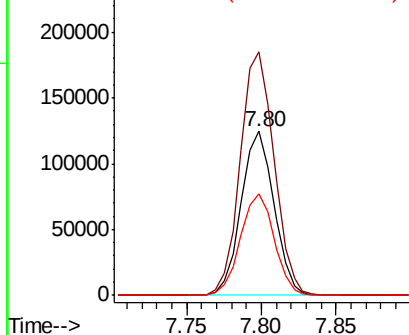


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

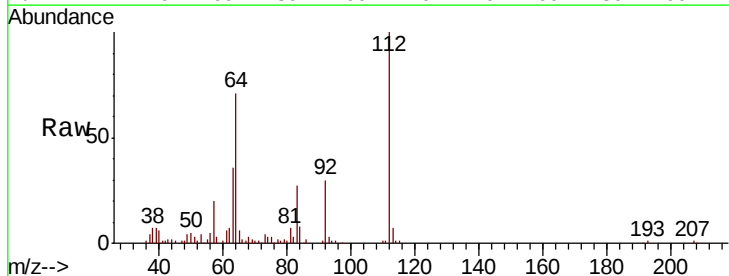
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.268 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020165.D
Acq: 07 May 2019 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	53.8	80.6
63	36.4	32.3	48.5

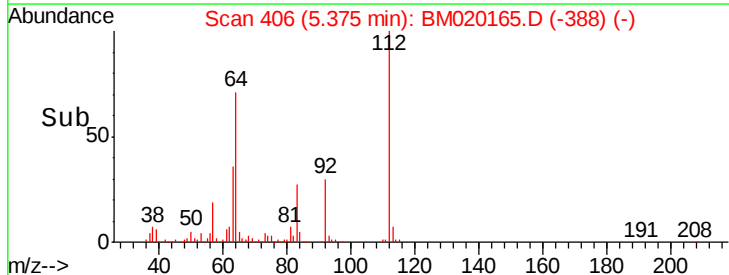
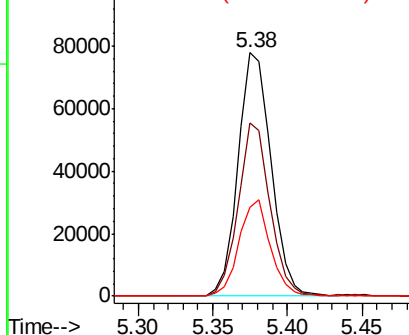


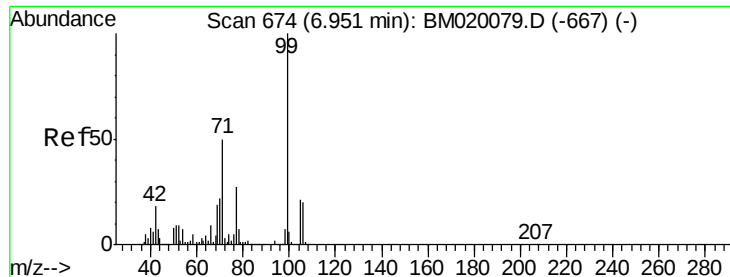
Abundance

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: 10.230 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020165.D

Acq: 07 May 2019 11:52

Instrument :

BNA_M

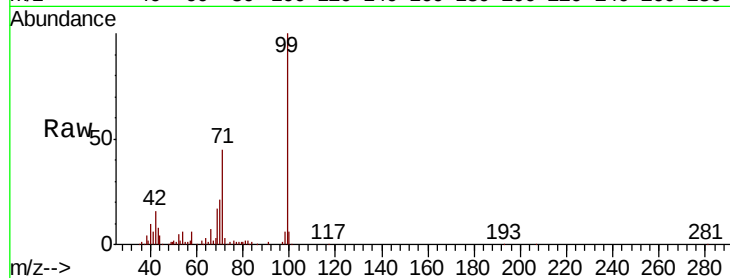
ClientSampleId :

SB-04-COMP

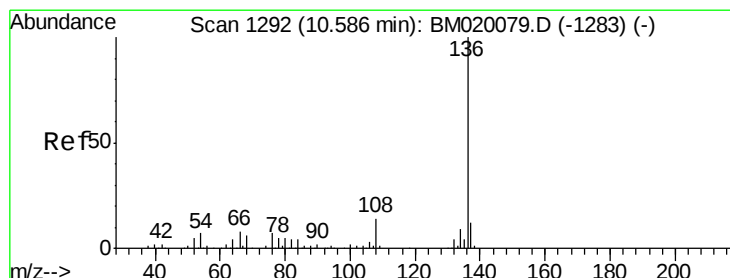
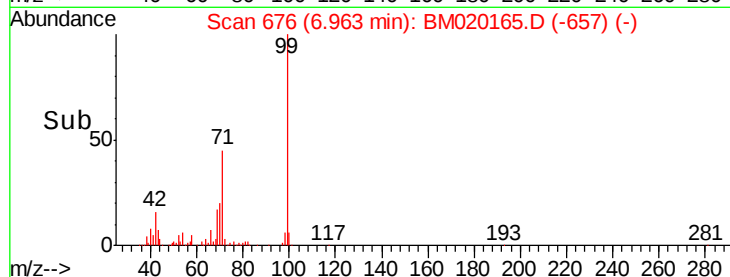
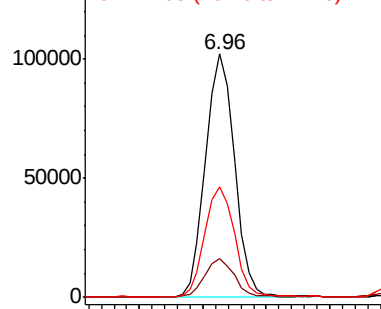
Tot Ion:	99	Resp:	162817
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.2	21.2
71	45.5	40.3	60.5

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Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1293

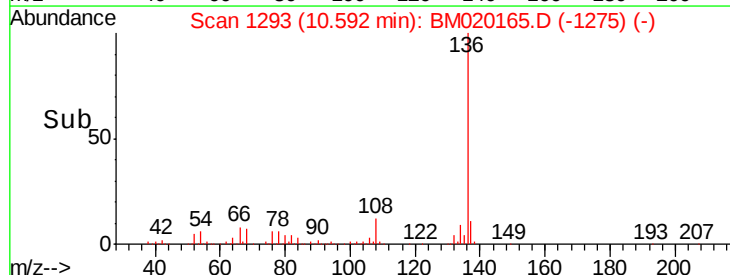
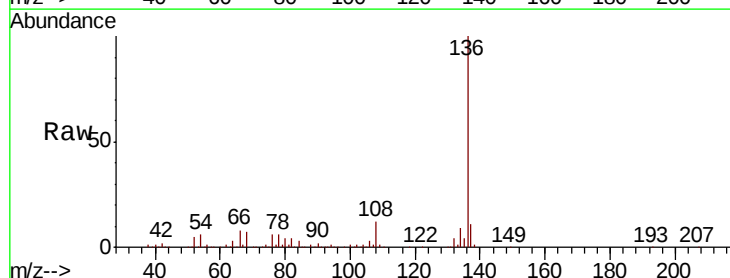
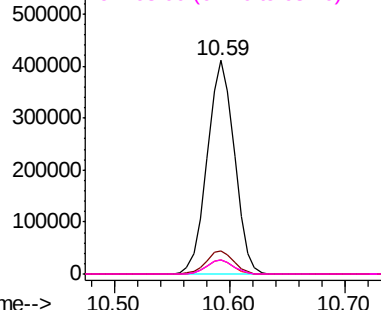
Delta R.T. 0.01 min

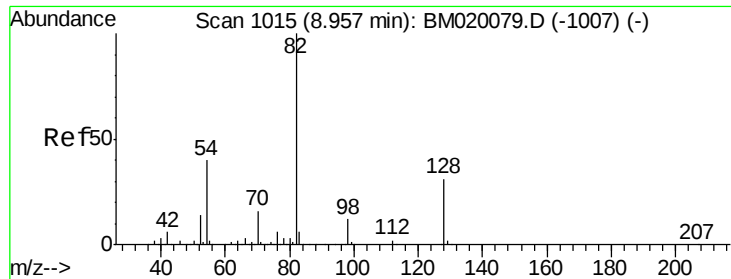
Lab File: BM020165.D

Acq: 07 May 2019 11:52

Tgt Ion:	136	Resp:	667729
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.6	14.4
54	6.5	5.5	8.3
68	6.8	4.6	6.8

Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)





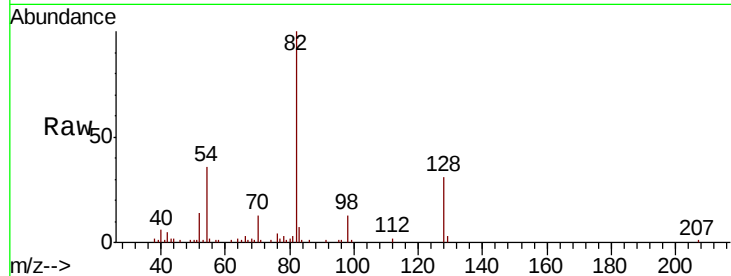
#23
 Nitrobenzene-d5
 Concen: 5.534 ng
 RT: 8.96 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.2	37.8
54	35.8	31.9	47.9

Manual Integrations
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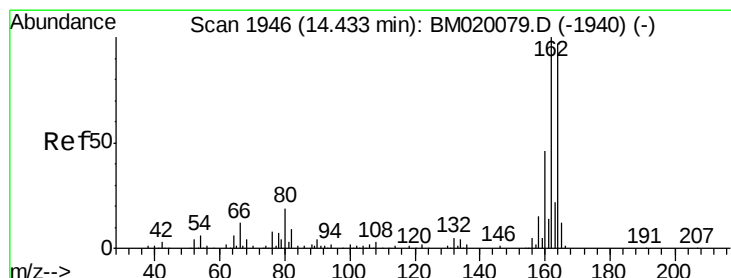
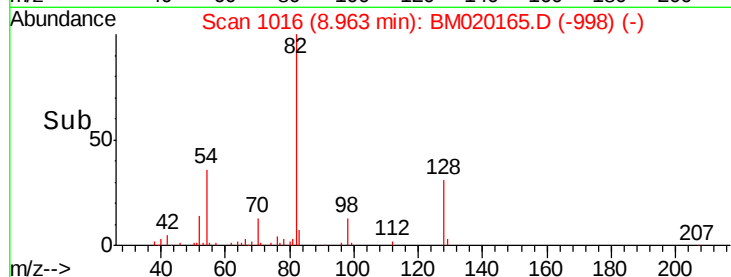
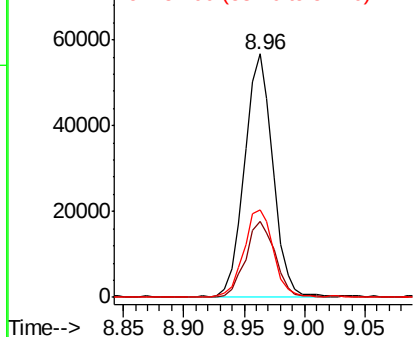


Abundance

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

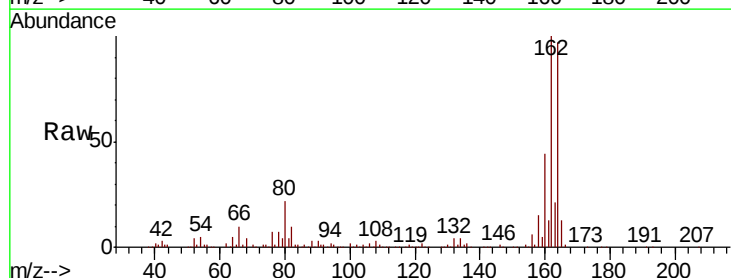
Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

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



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	45.1	37.6	56.4

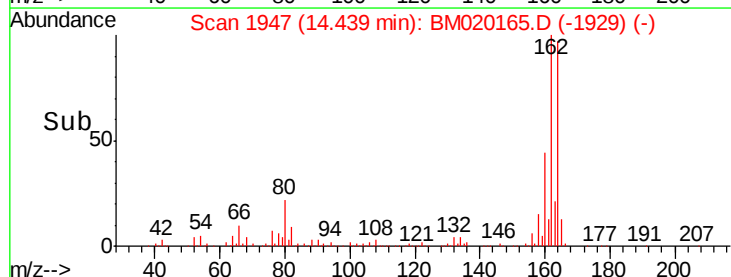
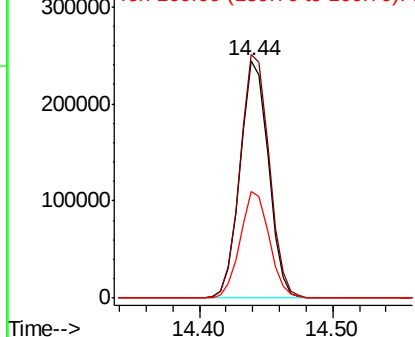


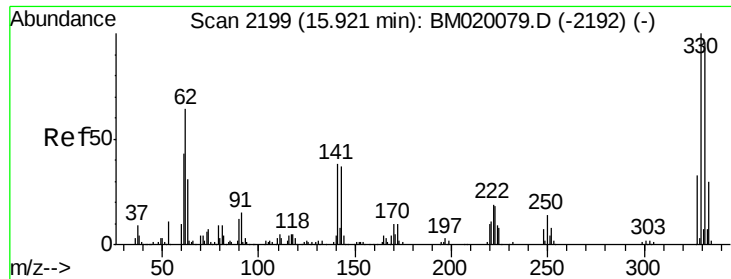
Abundance

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) (-)





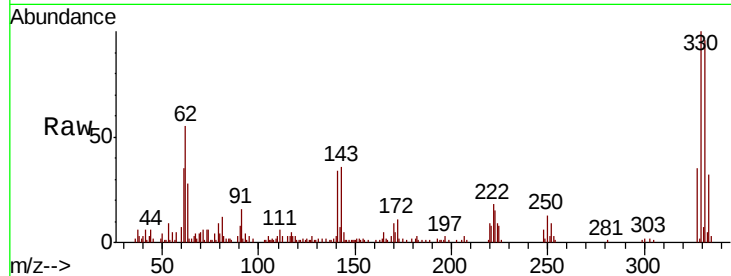
#42
 2,4,6-Tribromophenol
 Concen: 9.316 ng
 RT: 15.93 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	38.5	29.2	43.8

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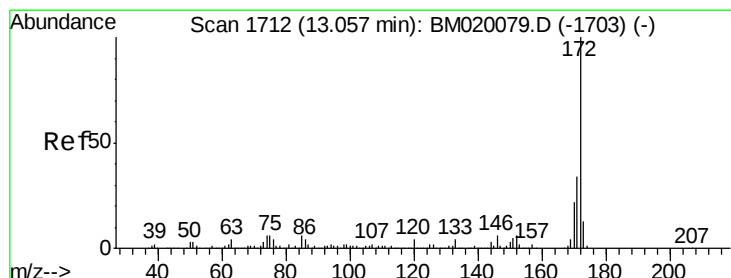
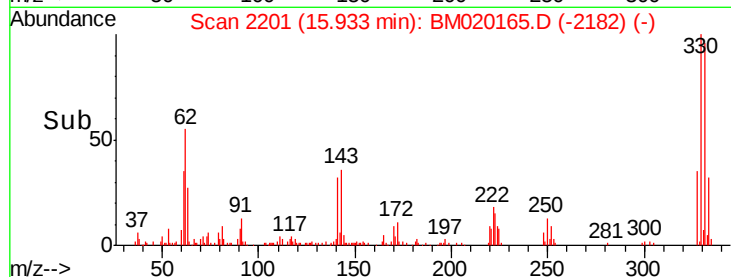
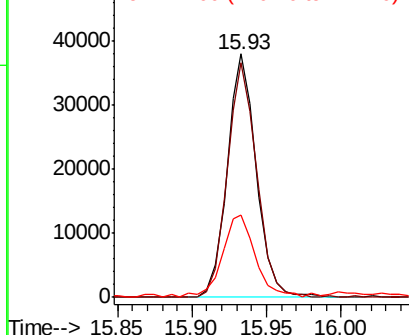


Abundance

Ion 329.80 (329.50 to 330.50): E

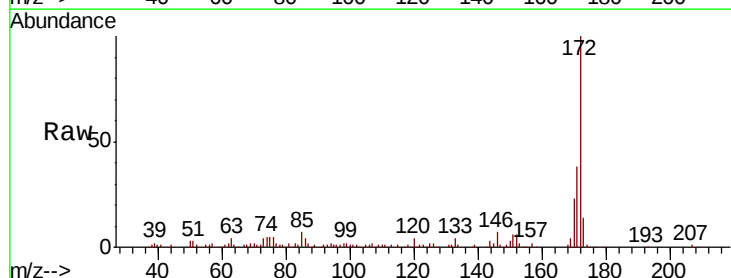
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 6.575 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.3	40.9
170	22.8	17.9	26.9

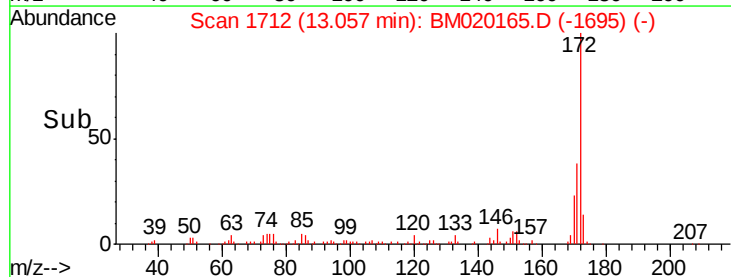
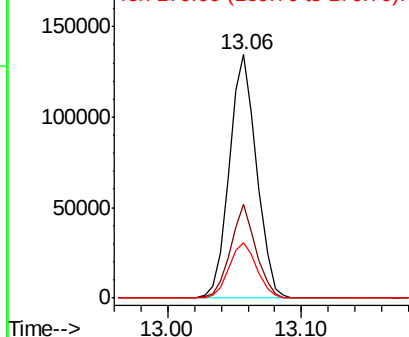


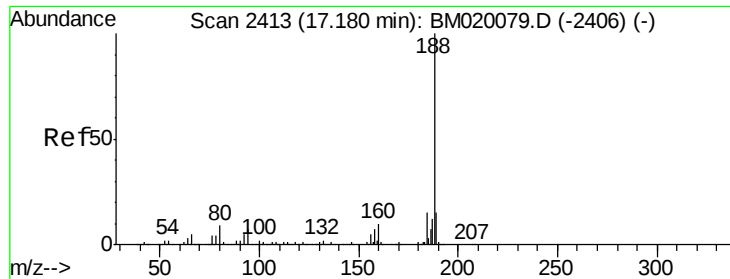
Abundance

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





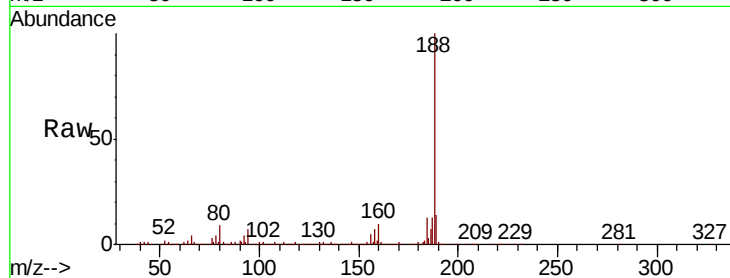
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BM020165.D
Acq: 07 May 2019 11:52

Instrument :
BNA_M
ClientSampleId :
SB-04-COMP

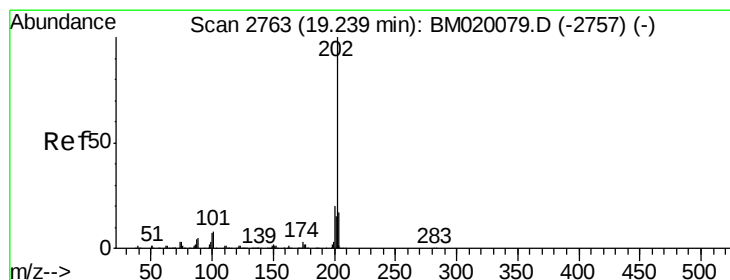
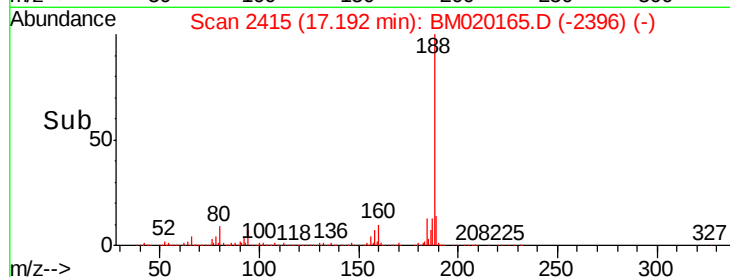
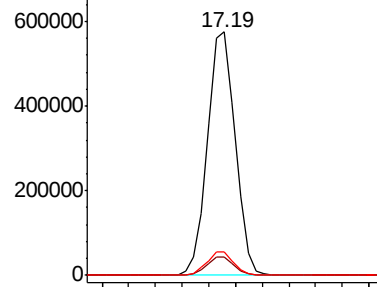
Tot Ion	188	Resp	831412
Ion Ratio	Lower	Upper	
188	100		
94	7.5	5.8	8.6
80	9.5	7.4	11.2

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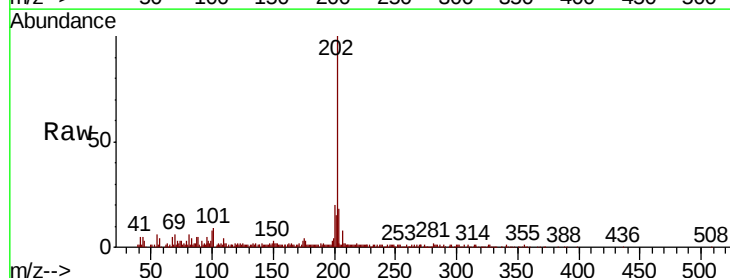


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

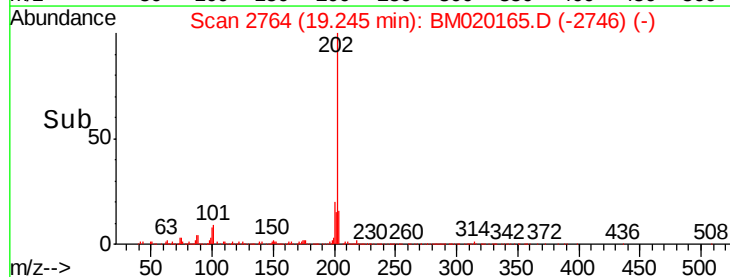
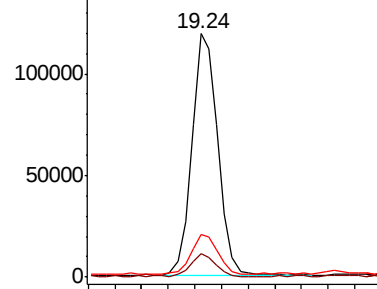


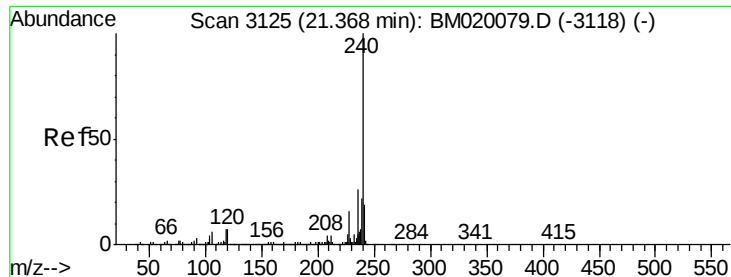
#75
Fluoranthene
Concen: 2.806 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020165.D
Acq: 07 May 2019 11:52

Tgt Ion	202	Resp	162955
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	28.4
203	17.6	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: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020165.D

Acq: 07 May 2019 11:52

Instrument :

BNA_M

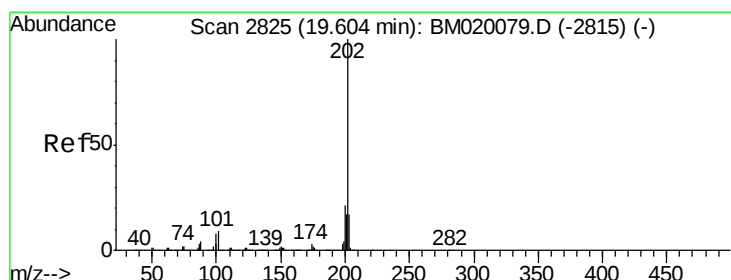
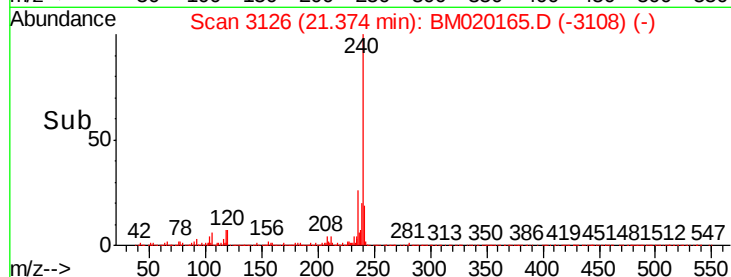
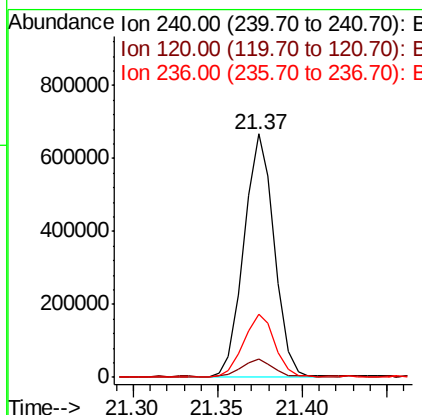
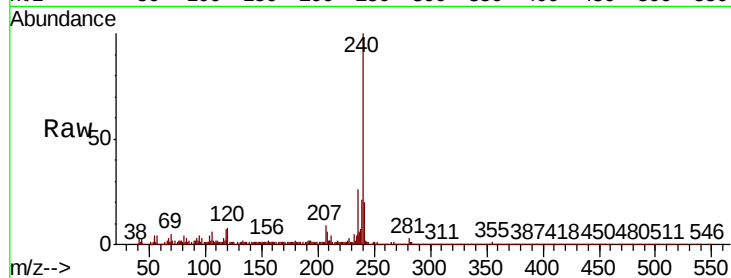
ClientSampleId :

SB-04-COMP

Tot Ion:	240	Resp:	828230
Ion Ratio	Lower	Upper	
240	100		
120	7.7	5.6	8.4
236	25.9	20.9	31.3

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#78

Pyrene

Concen: 2.709 ng

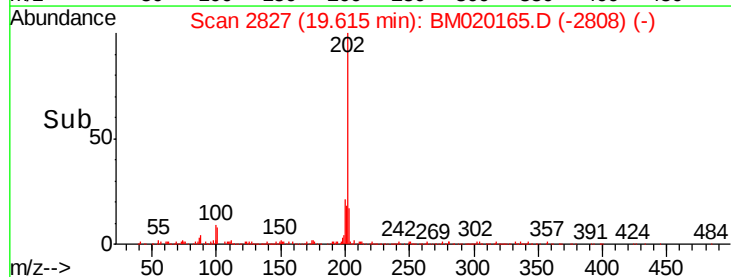
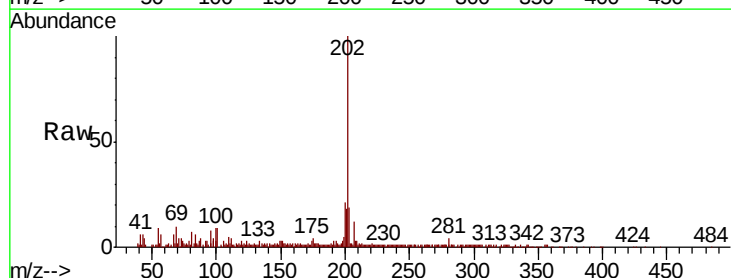
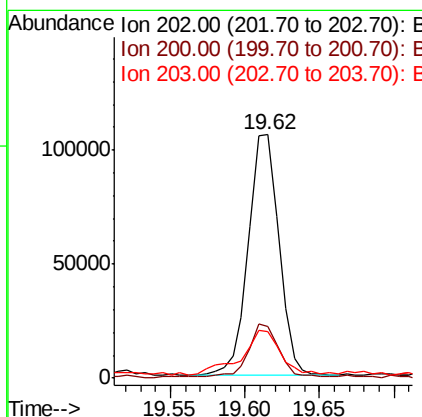
RT: 19.62 min Scan# 2827

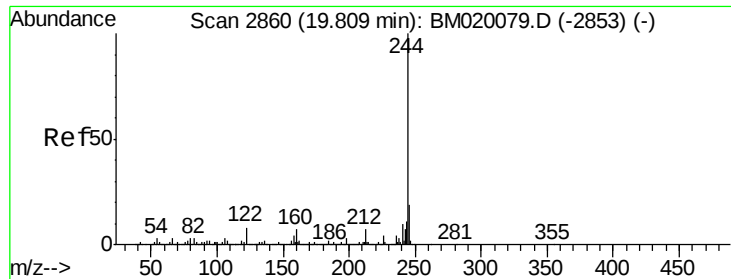
Delta R.T. 0.01 min

Lab File: BM020165.D

Acq: 07 May 2019 11:52

Tgt Ion:	202	Resp:	150641
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.5	24.7
203	19.0	13.9	20.9





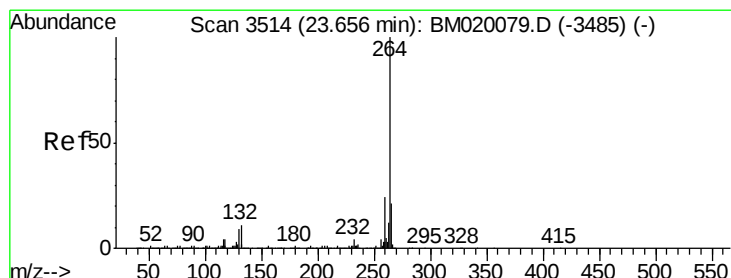
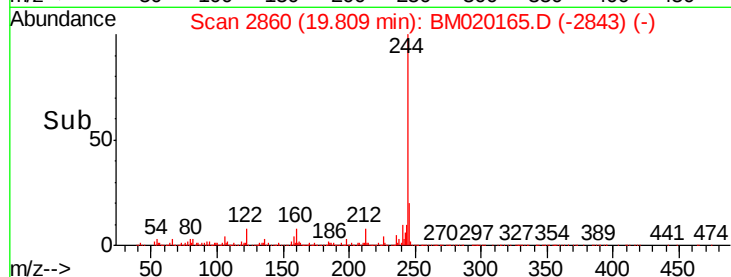
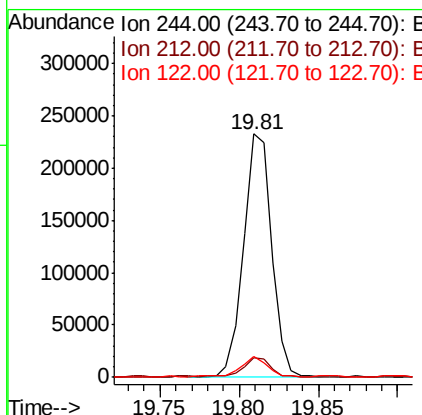
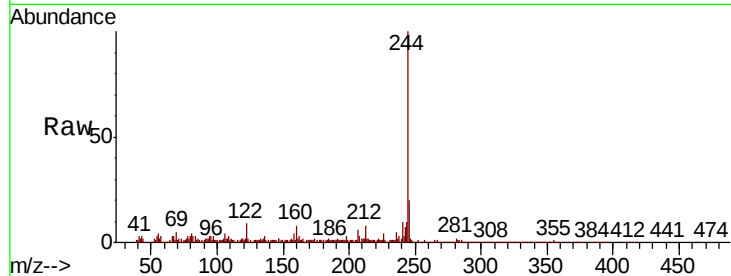
#79
 Terphenyl-d14
 Concen: 5.954 ng
 RT: 19.81 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	8.8	6.2	9.2

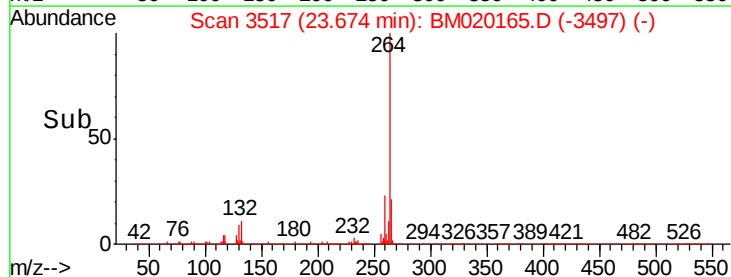
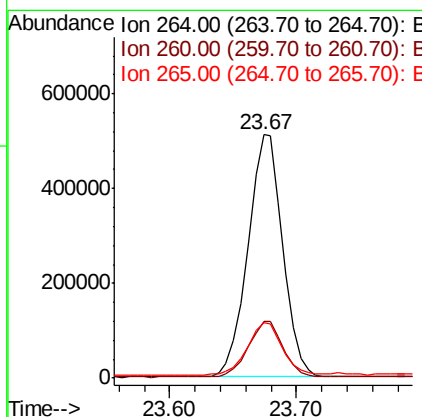
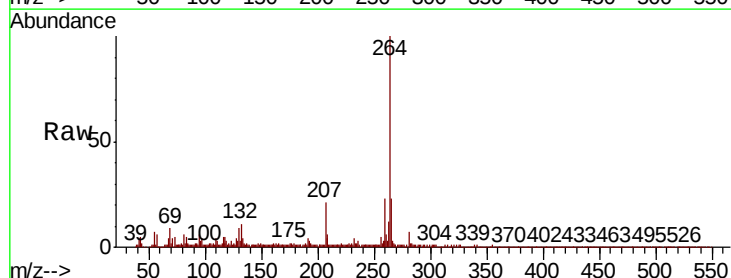
Manual Integrations
 APPROVED

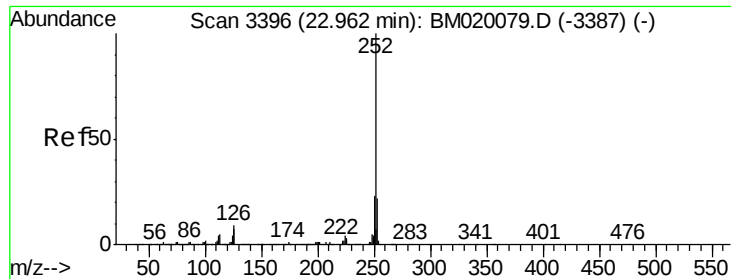
mohammad
 5/7/2019 3:12:33 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3517
 Delta R.T. 0.02 min
 Lab File: BM020165.D
 Acq: 07 May 2019 11:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 2.216 ng/mL

RT: 22.98 min Scan# 3399

Delta R.T. 0.02 min

Lab File: BM020165.D

Acq: 07 May 2019 11:52

Instrument :

BNA_M

ClientSampleId :

SB-04-COMP

Tot Ion:	252	Resp:	142468
Ion Ratio	Lower	Upper	
252	100		
253	29.1	17.5	26.3#
125	18.0	5.4	8.2#

Manual Integrations
APPROVED

mohammad
5/7/2019 3:12:33 PM

