

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020136.D
 Acq On : 06 May 2019 15:24
 Operator : JU/SJ
 Sample : K2642-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-050219

Manual Integrations
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mohammad
 5/7/2019 3:11:39 PM

Quant Time: May 07 05:04:06 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	135887	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	507674	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	306712	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	728473	20.00	ng	0.00
76) Chrysene-d12	21.37	240	741485	20.00	ng	0.00
87) Perylene-d12	23.66	264	884310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	383445	46.12	ng	0.00
7) Phenol-d6	6.95	99	549271	48.36	ng	0.00
23) Nitrobenzene-d5	8.95	82	372056	28.93	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	234388	49.23	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	795151	31.90	ng	0.00
79) Terphenyl-d14	19.81	244	1289480	30.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	105144	4.033	ng	Qvalue # 96
71) Phenanthrene	17.22	178	293847	7.307	ng	99
72) Anthracene	17.32	178	98260	2.444	ng	99
75) Fluoranthene	19.24	202	551196	10.834	ng	99
78) Pyrene	19.60	202	514527	10.335	ng	99
81) Benzo(a)anthracene	21.35	228	284292	5.467	ng	95
83) Chrysene	21.40	228	264006m	5.235	ng	
86) Indeno(1,2,3-cd)pyrene	26.00	276	171019	2.851	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	329805m	5.648	ng	
89) Benzo(k)fluoranthene	23.01	252	127571m	2.395	ng	
90) Benzo(a)pyrene	23.56	252	256056	4.827	ng	# 82
92) Benzo(a,h,i)perylene	26.71	276	174561	3.333	ng	# 82

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

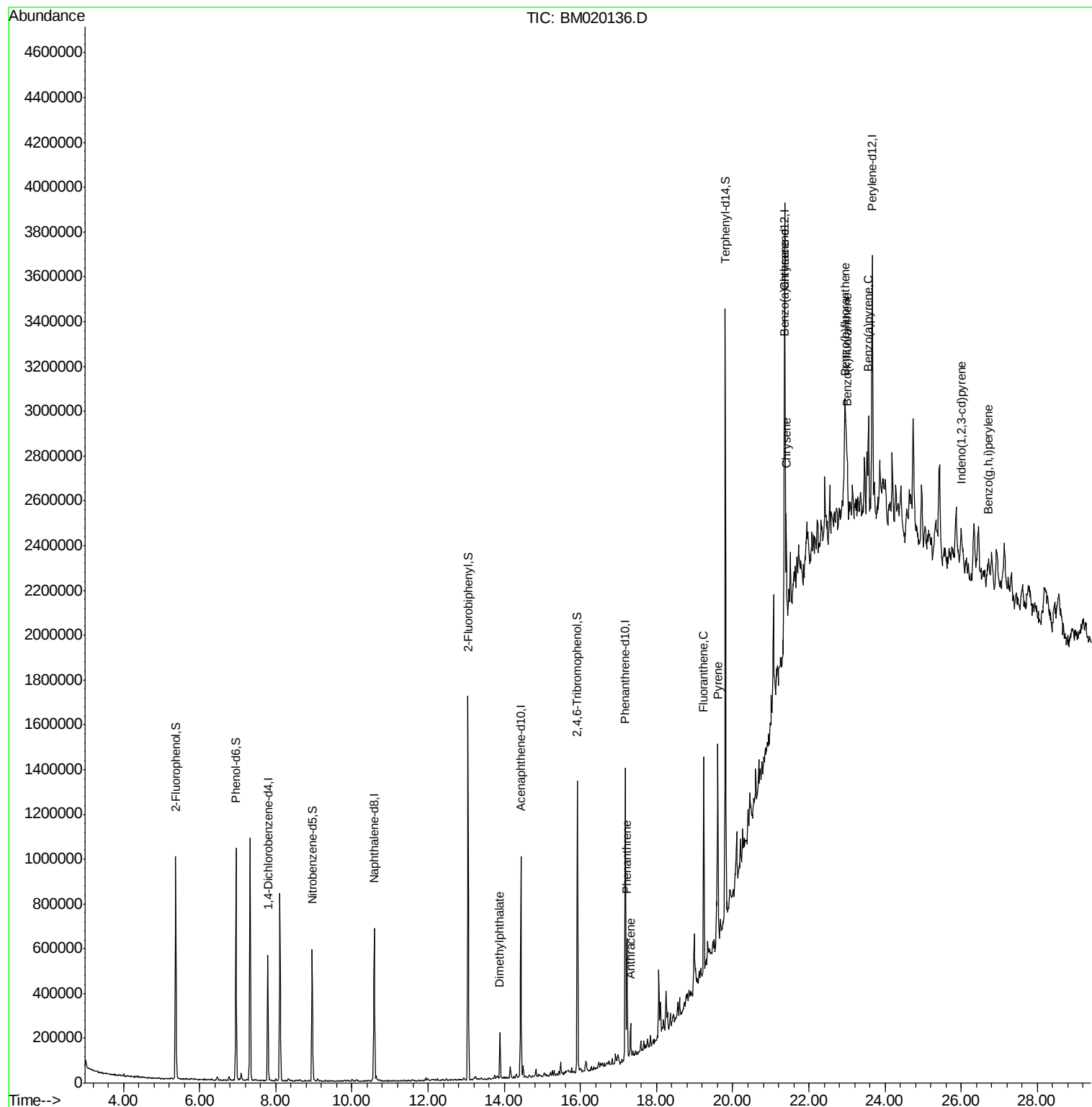
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
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ALS Vial : 7 Sample Multiplier: 1

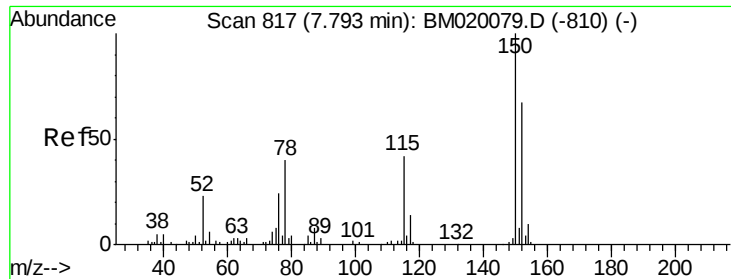
Instrument :
BNA_M
ClientSampleId :
OK-02-050219

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Quant Time: May 07 05:04:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

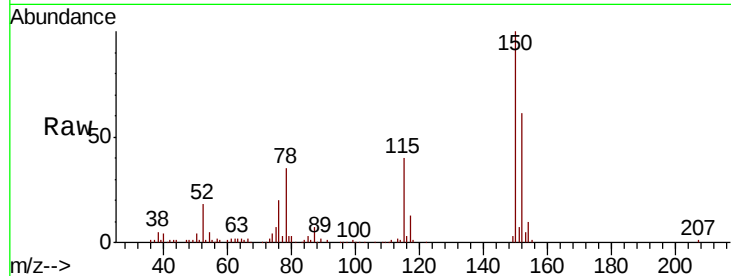
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	119.8	179.8
115	65.3	50.8	76.2

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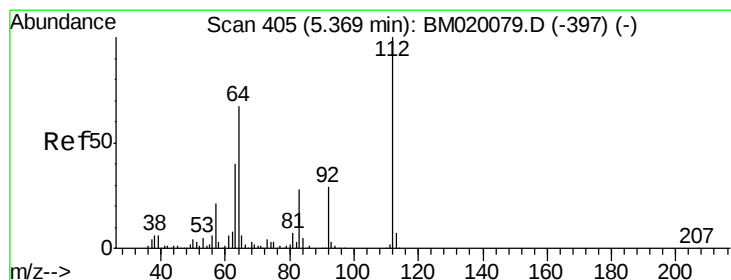
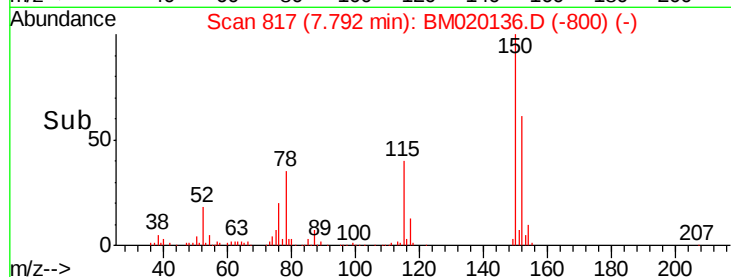
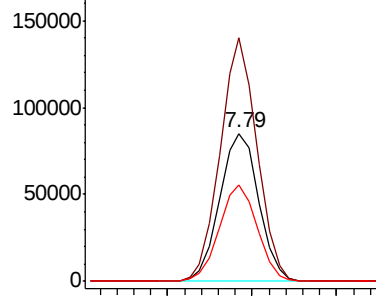


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

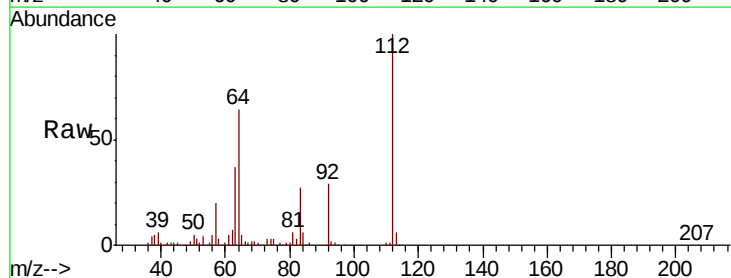
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.125 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.8	80.6
63	37.4	32.3	48.5

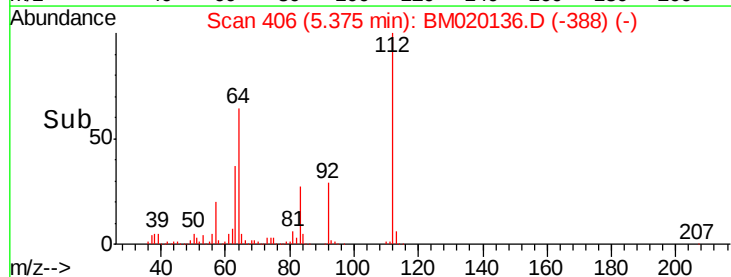
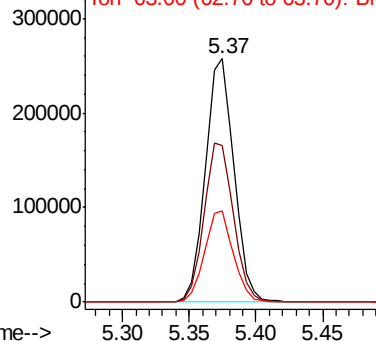


Abundance

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: 48.364 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Instrument :

BNA_M

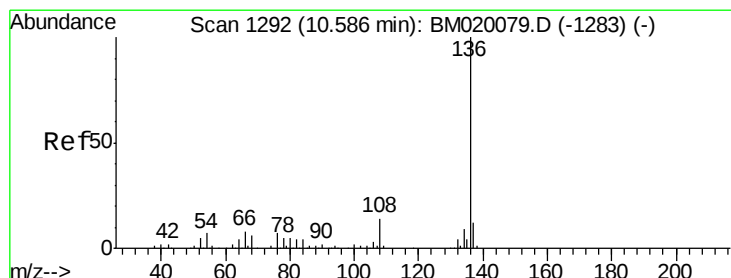
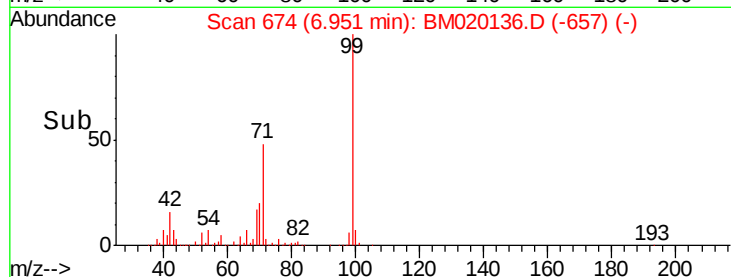
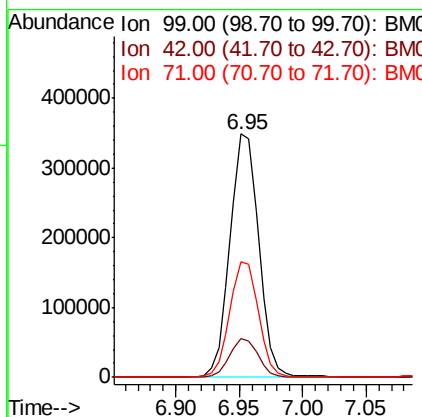
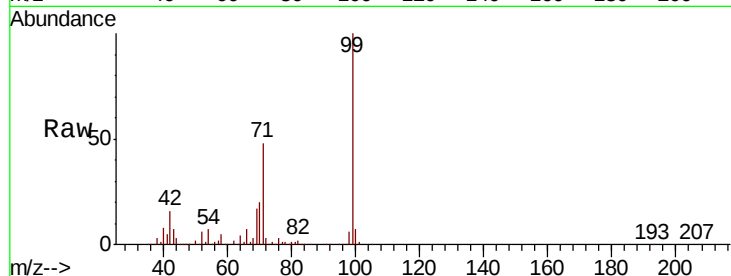
ClientSampleId :

OK-02-050219

Tot Ion:	99	Resp:	549271
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.2	21.2
71	47.6	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

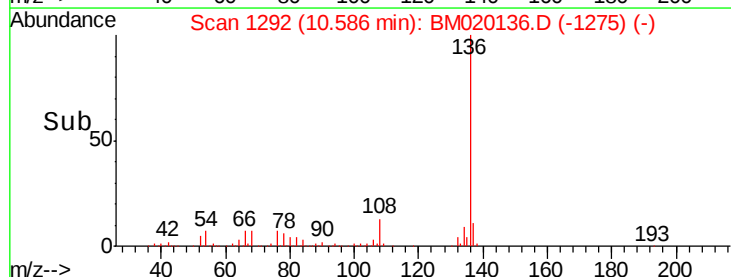
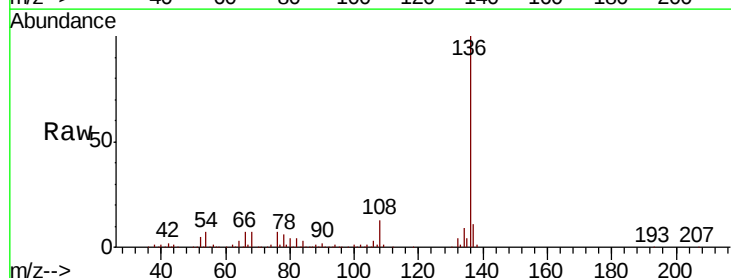
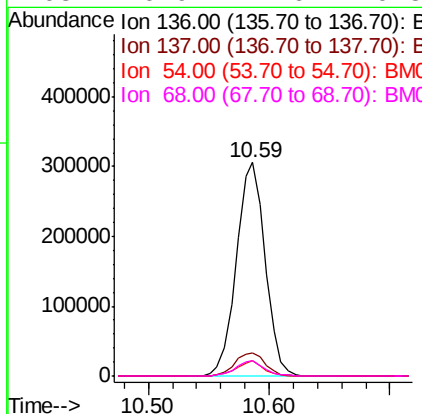
RT: 10.59 min Scan# 1292

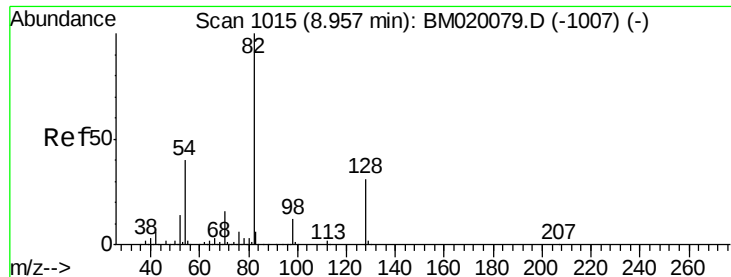
Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Tgt Ion:	136	Resp:	507674
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.6	14.4
54	7.5	5.5	8.3
68	6.9	4.6	6.8#





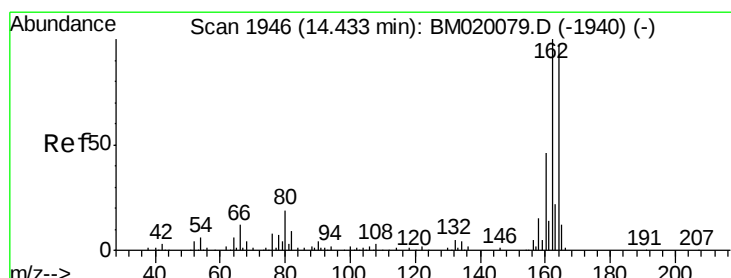
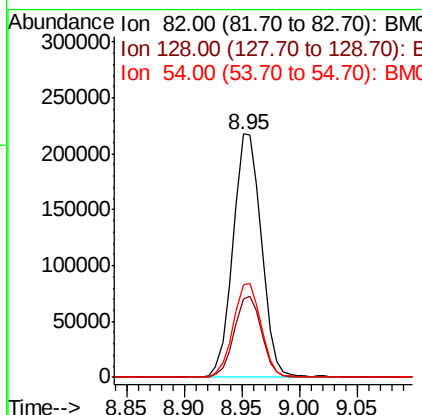
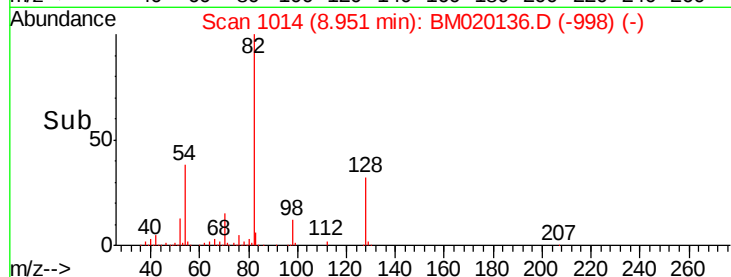
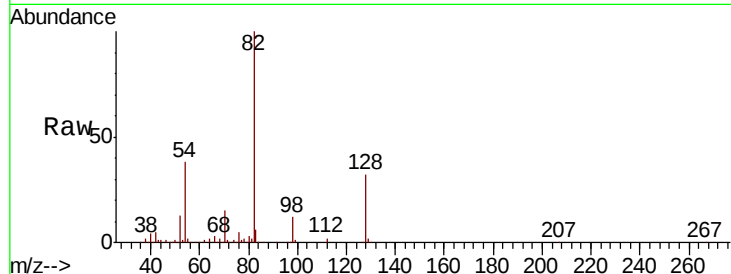
#23
Nitrobenzene-d5
Concen: 28.934 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampled :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.2	37.8
54	37.9	31.9	47.9

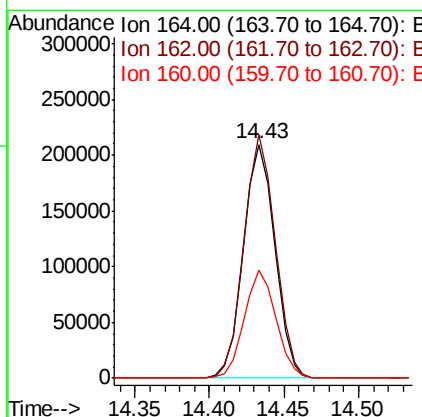
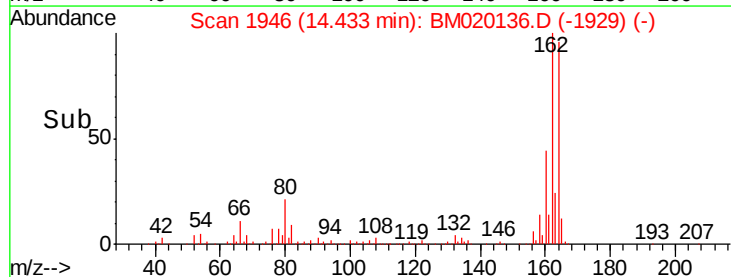
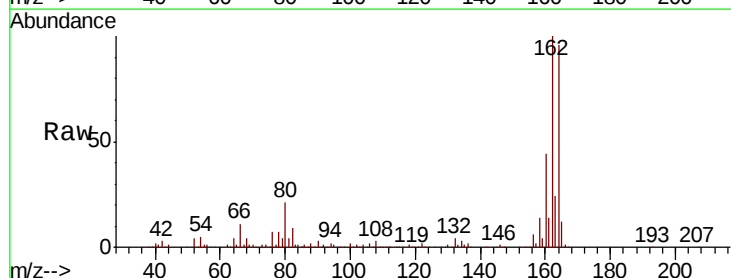
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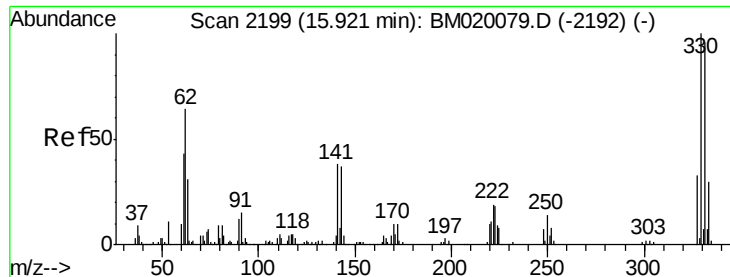
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	46.3	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 49.233 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Instrument :

BNA_M

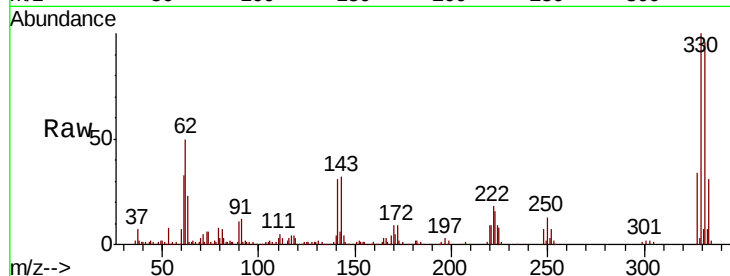
ClientSampleId :

OK-02-050219

Tot Ion:	330	Resp:	234388
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.8	115.2
141	34.6	29.2	43.8

Manual Integrations
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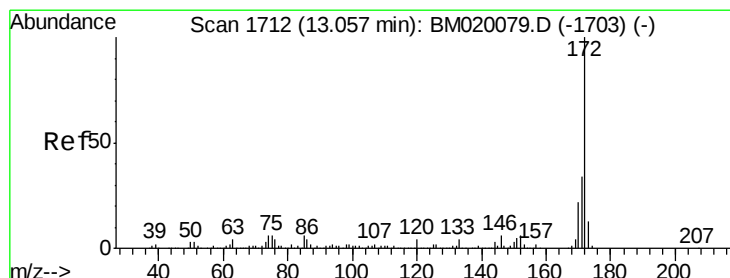
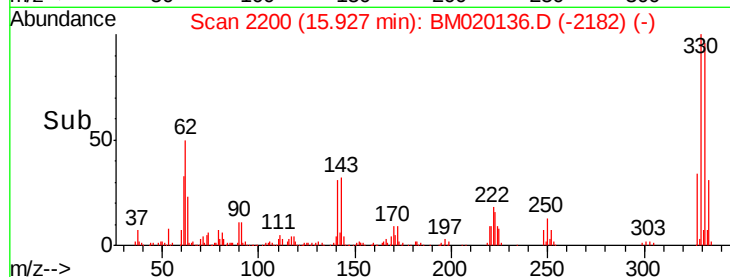
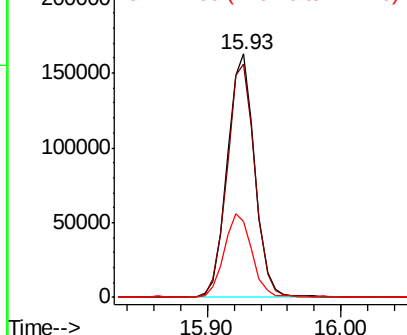


Abundance

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: 31.897 ng

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

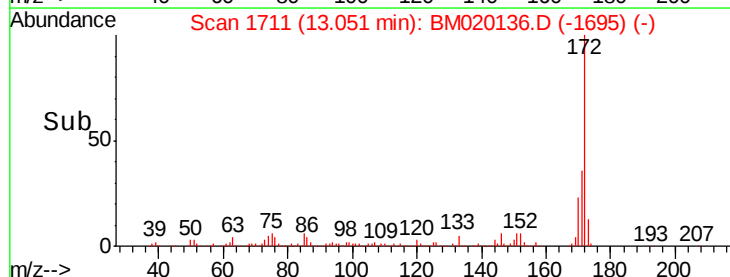
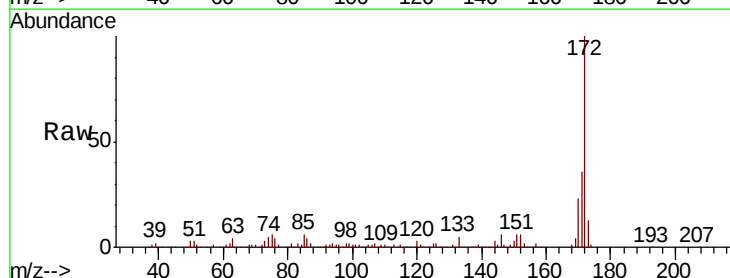
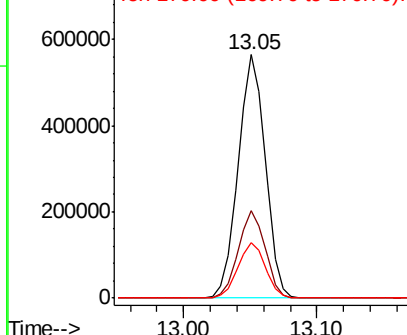
Tgt Ion:	172	Resp:	795151
Ion Ratio	Lower	Upper	
172	100		
171	36.2	27.3	40.9
170	22.8	17.9	26.9

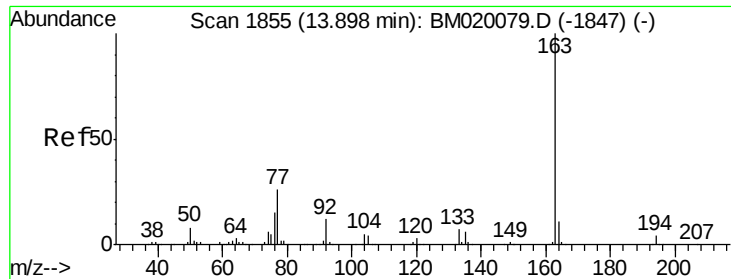
Abundance

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





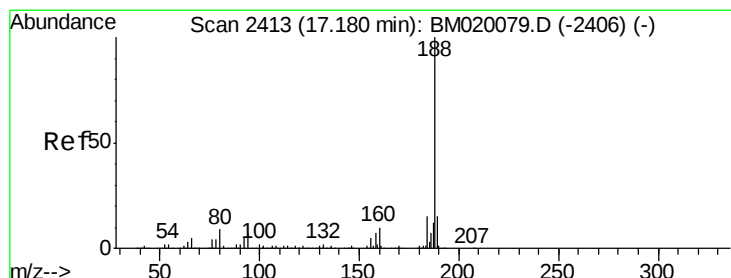
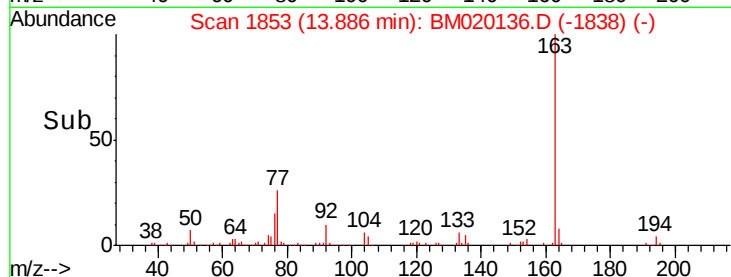
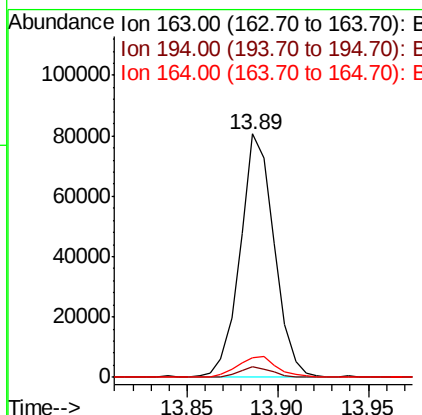
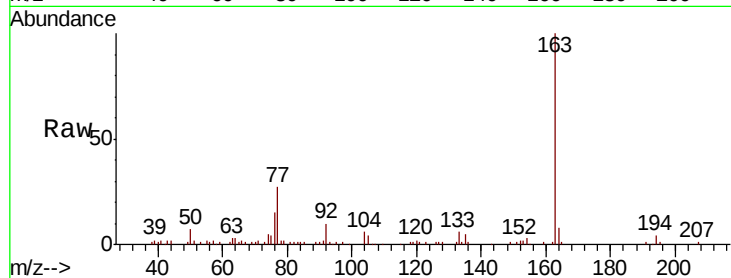
#50
Dimethylphthalate
Concen: 4.033 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	8.3	8.4	12.6#

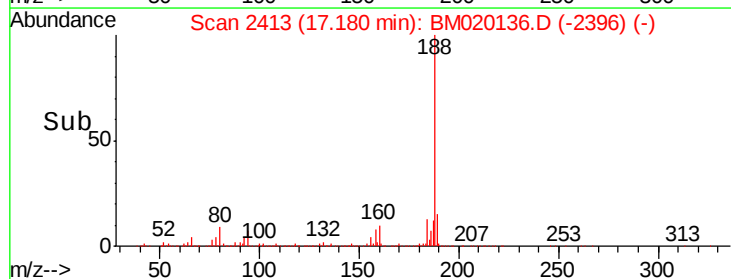
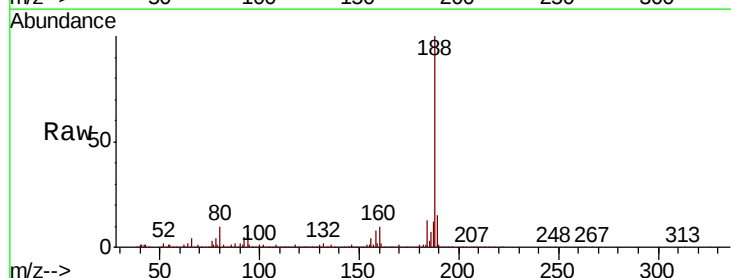
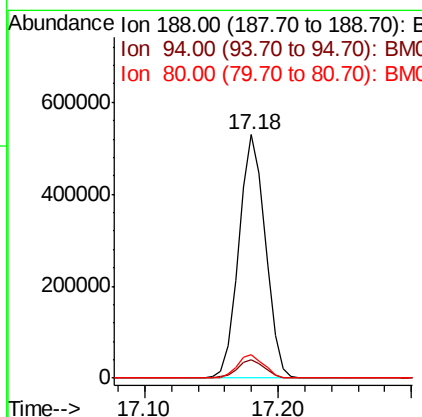
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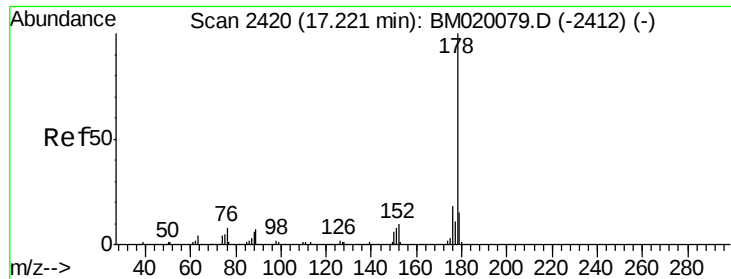
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	9.5	7.4	11.2





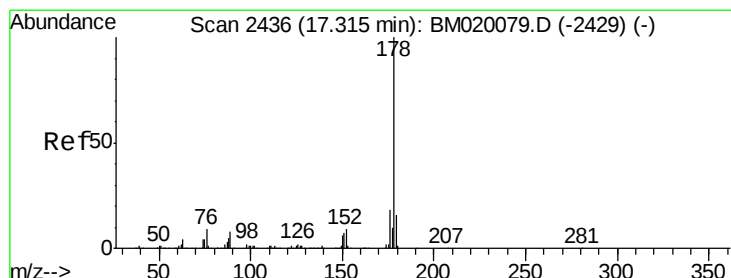
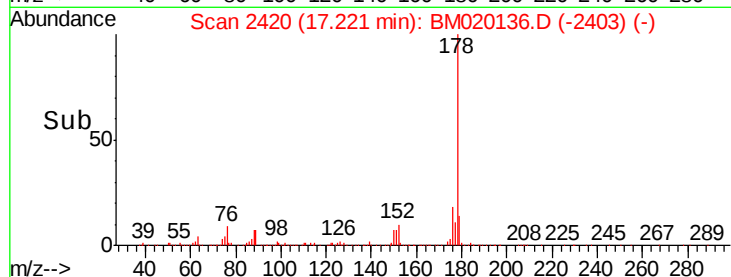
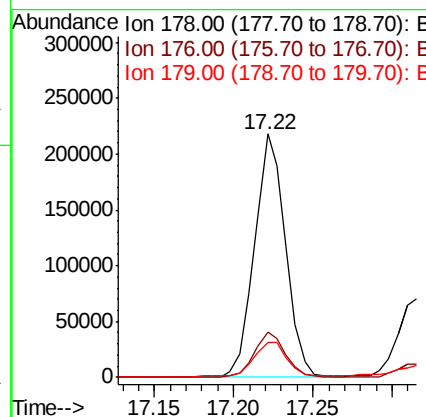
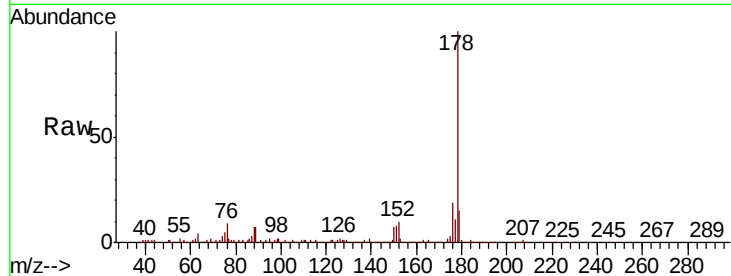
#71
Phenanthrene
Concen: 7.307 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion:178	Resp:	293847
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.6 21.8
179	14.6	12.4 18.6

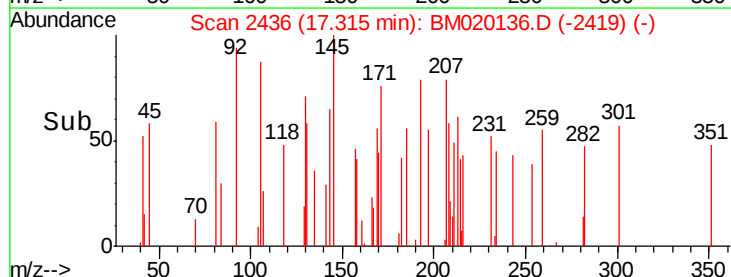
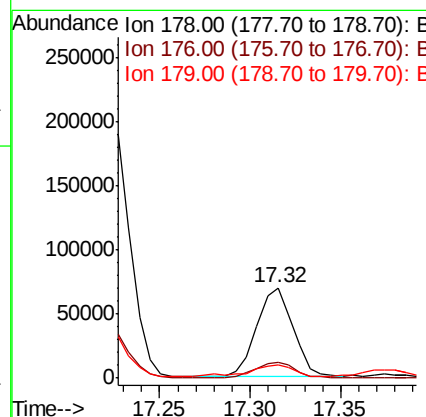
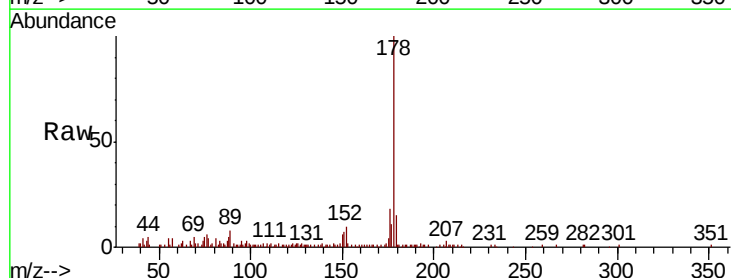
Manual Integrations
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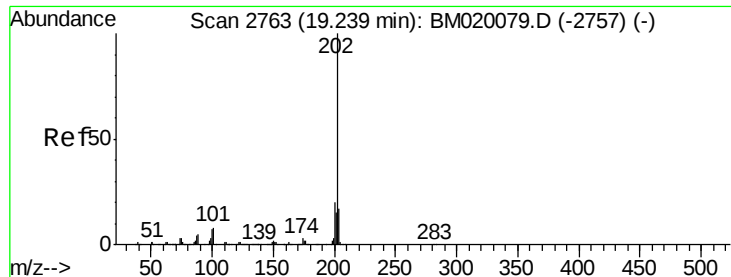
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#72
Anthracene
Concen: 2.444 ng
RT: 17.32 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion:178	Resp:	98260
Ion Ratio	Lower	Upper
178	100	
176	17.6	14.6 22.0
179	15.0	12.4 18.6





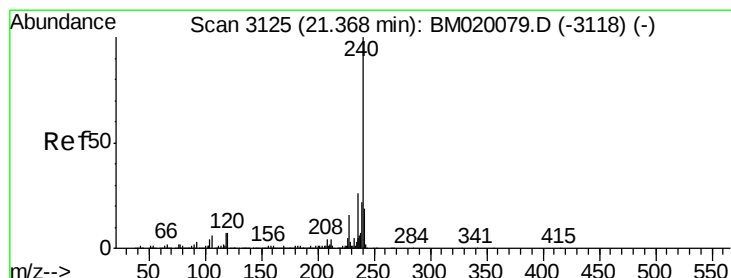
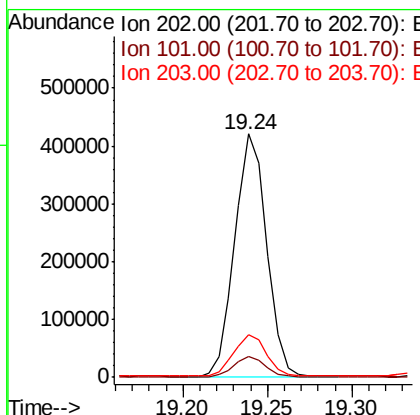
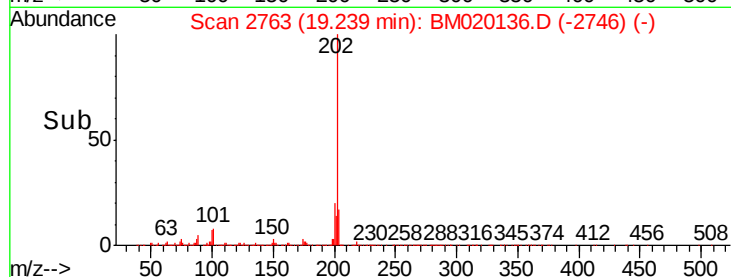
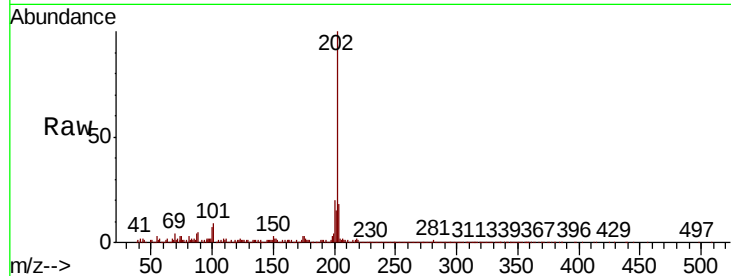
#75
Fluoranthene
Concen: 10.834 ng
RT: 19.24 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Resp	Lower	Upper
202	100	551196		
101	8.5		0.0	28.4
203	17.7		0.0	37.4

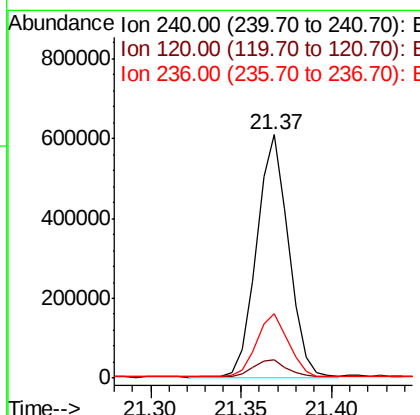
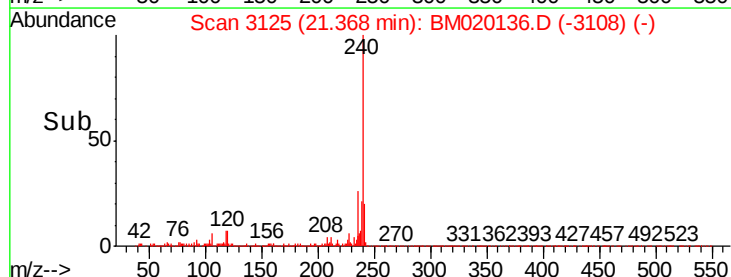
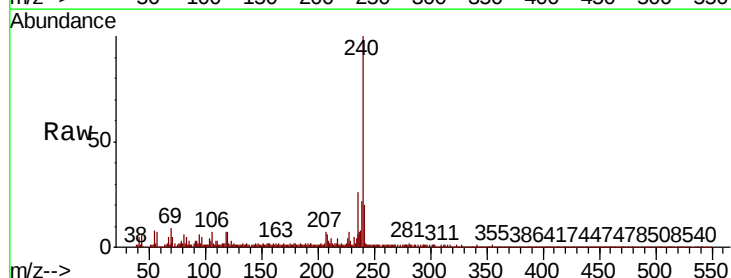
Manual Integrations
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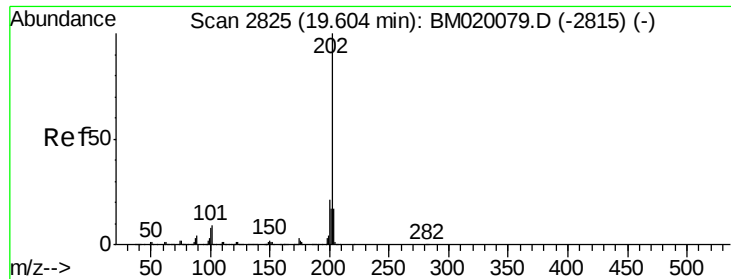
mohammad
5/7/2019 3:11:39 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	741485		
120	7.4		5.6	8.4
236	26.4		20.9	31.3





#78

Pvrene

Concen: 10.335 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Instrument :

BNA_M

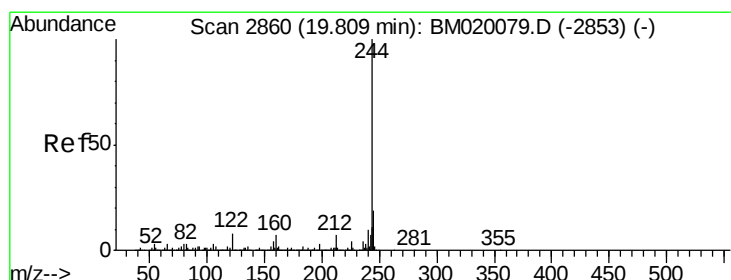
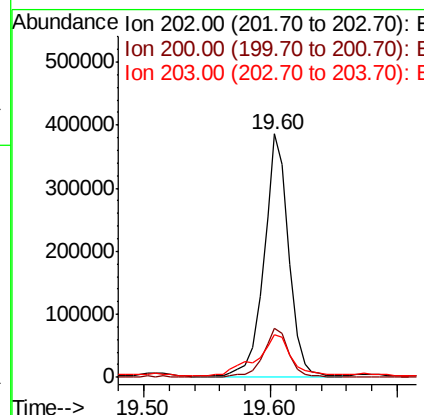
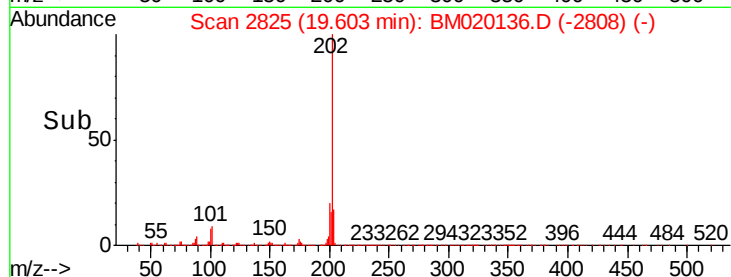
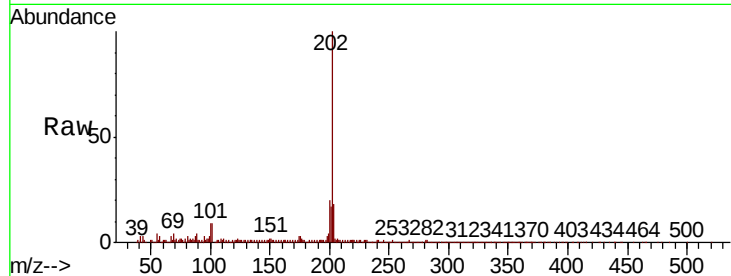
ClientSampleId :

OK-02-050219

Tot Ion:	202	Resp:	514527
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	17.7	13.9	20.9

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#79

Terphenyl-d14

Concen: 30.333 ng

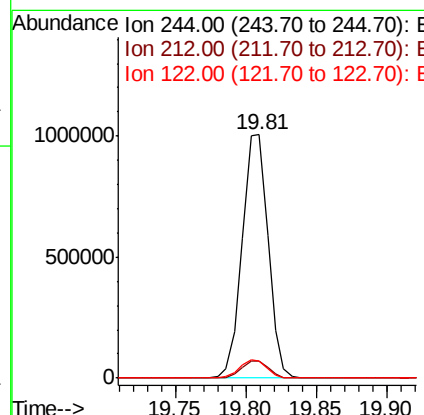
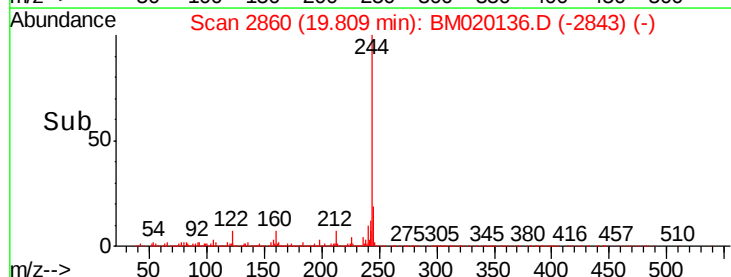
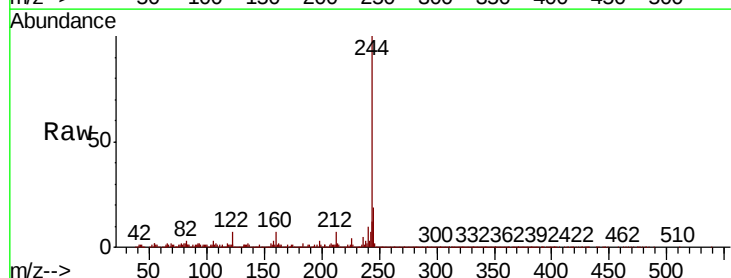
RT: 19.81 min Scan# 2860

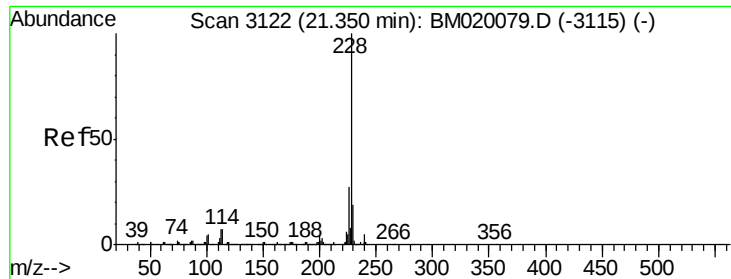
Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Tgt Ion:	244	Resp:	1289480
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	6.9	6.2	9.2





#81

Benzo(a)anthracene

Concen: 5.467 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Instrument :

BNA_M

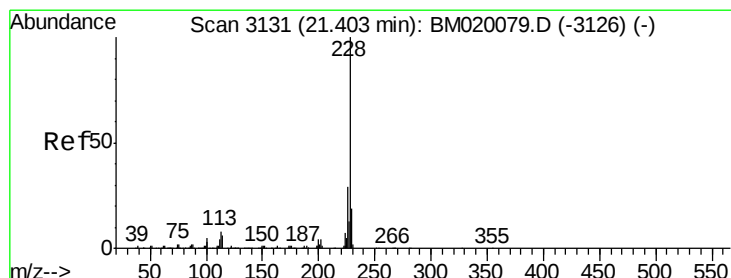
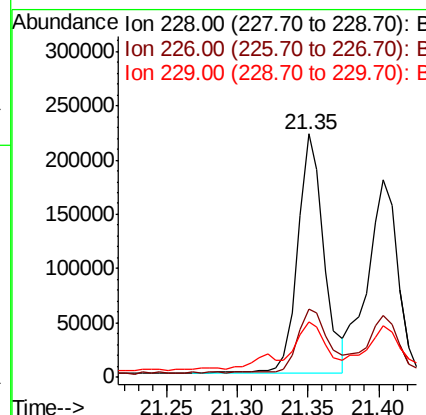
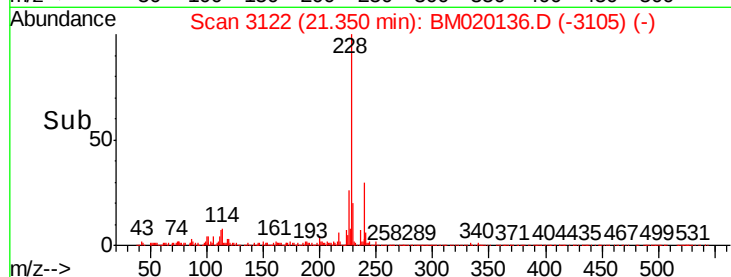
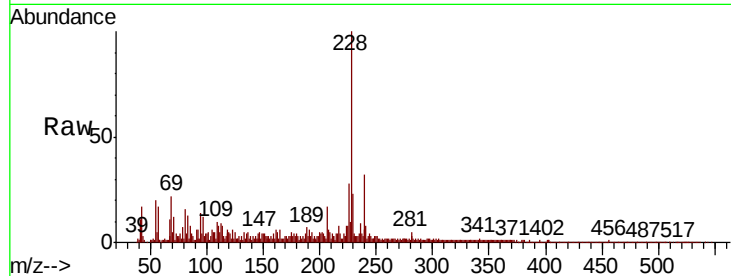
ClientSampleId :

OK-02-050219

Tot Ion:	228	Resp:	284292
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.3	31.9
229	22.9	15.5	23.3

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#83

Chrysene

Concen: 5.235 ng m

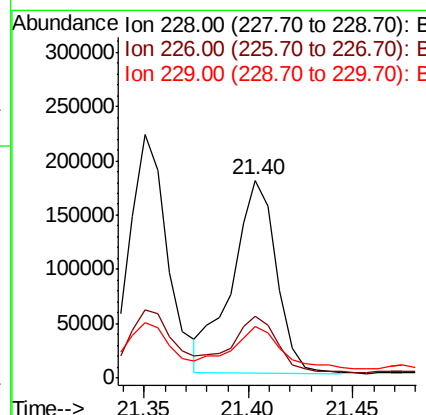
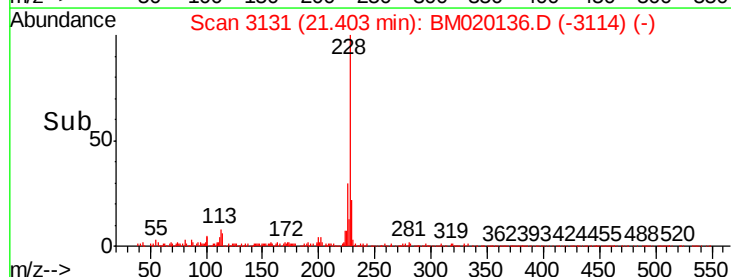
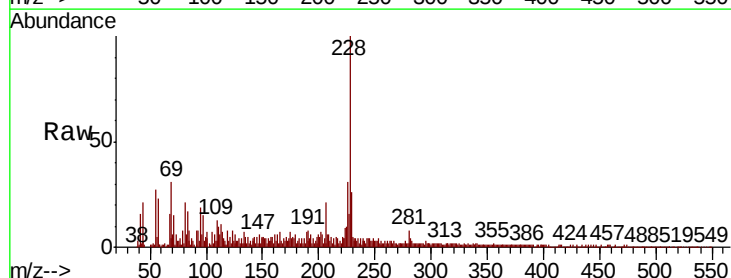
RT: 21.40 min Scan# 3131

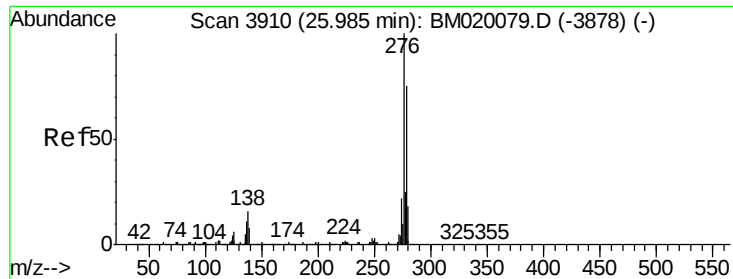
Delta R.T. -0.00 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Tgt Ion:	228	Resp:	264006
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.0	34.6
229	26.3	15.5	23.3#





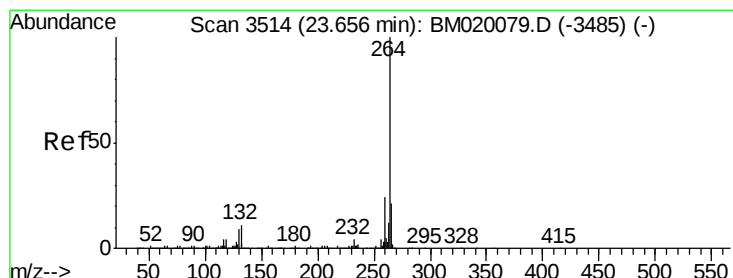
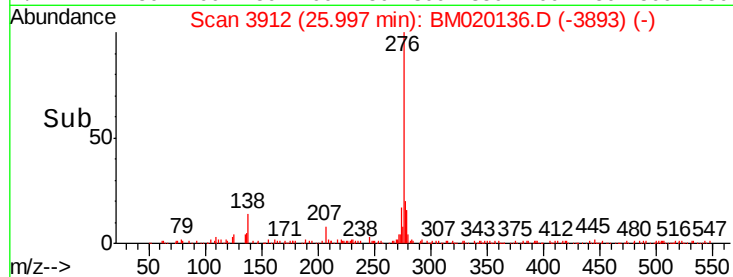
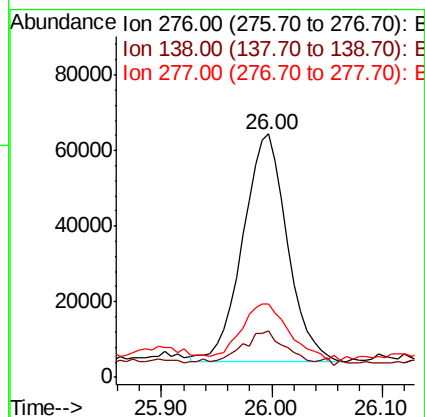
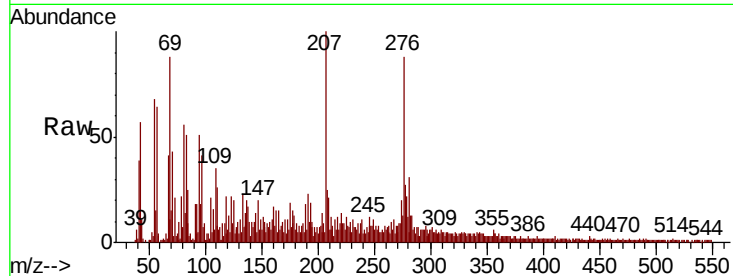
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.851 ng
RT: 26.00 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	12.4	0.0	0.0		
277	26.6	0.0	0.0		

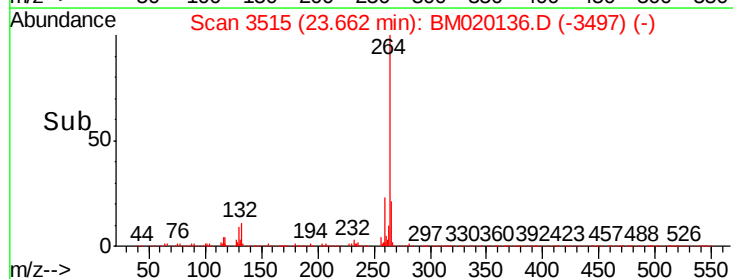
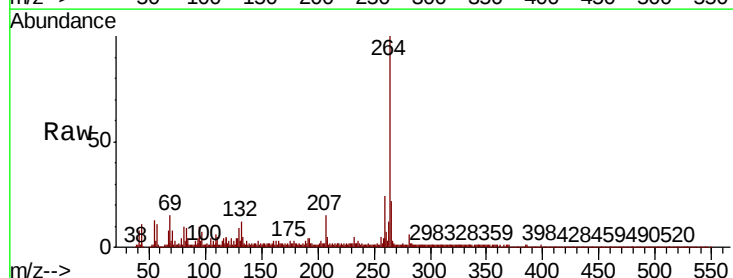
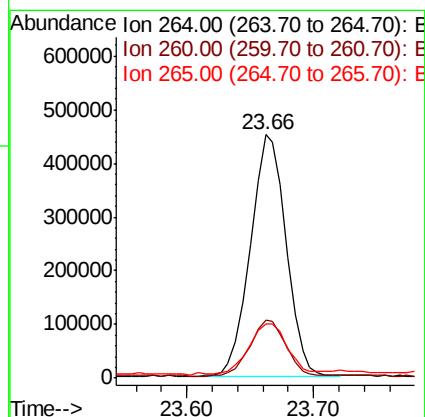
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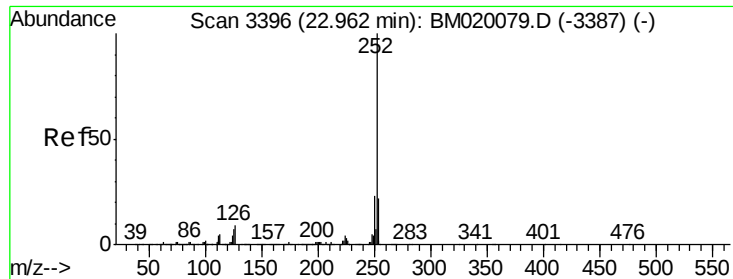
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.6	19.2	28.8		
265	22.5	16.9	25.3		





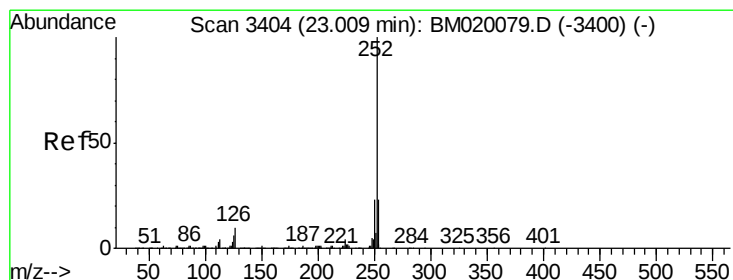
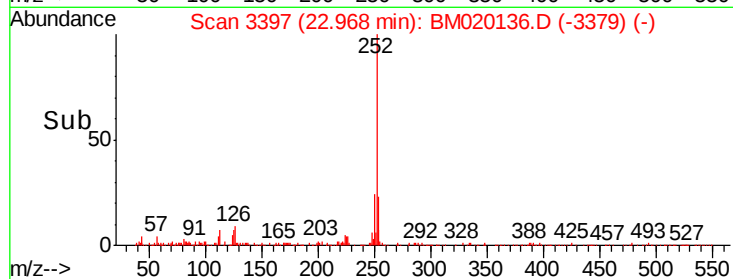
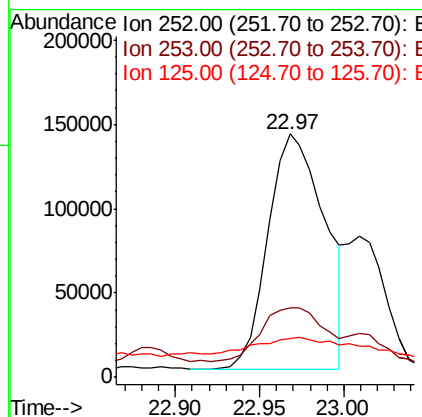
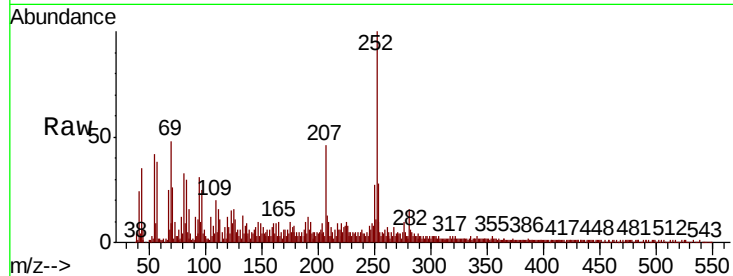
#88
Benzo(b)fluoranthene
Concen: 5.648 ng m
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.5	26.3#
125	15.7	5.4	8.2#

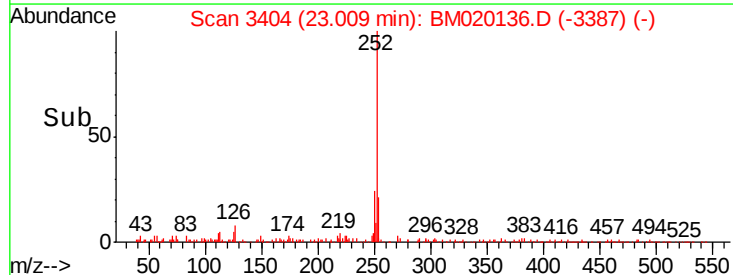
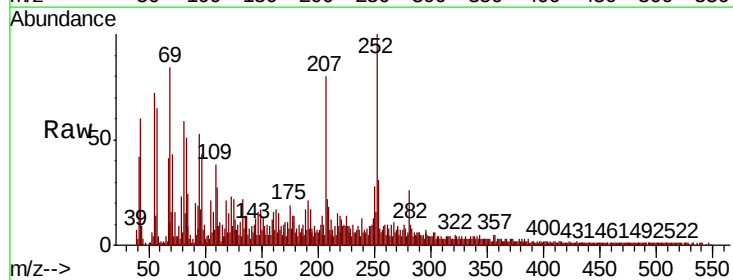
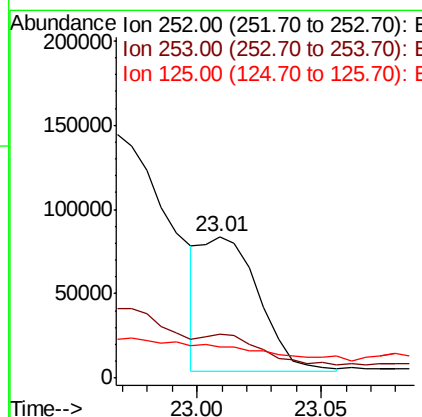
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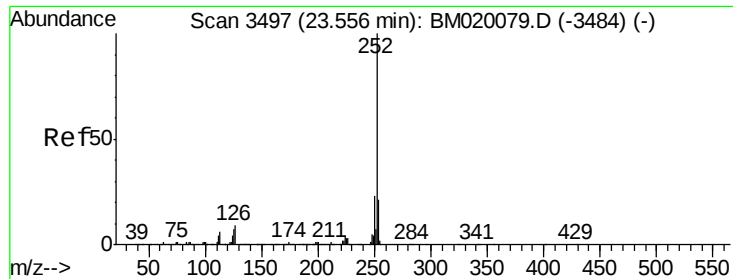
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.395 ng m
RT: 23.01 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BM020136.D
Acq: 06 May 2019 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.8	26.8#
125	22.5	5.4	8.0#





#90

Benzo(a)pyrene

Concen: 4.827 ng

RT: 23.56 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Instrument :

BNA_M

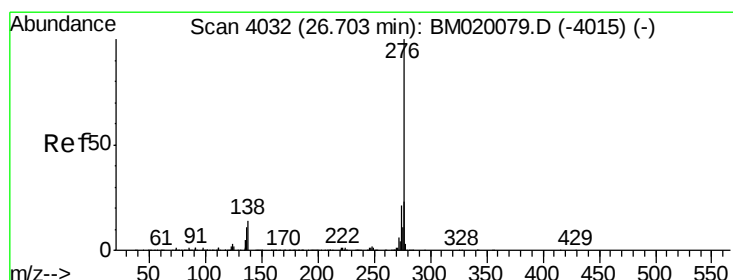
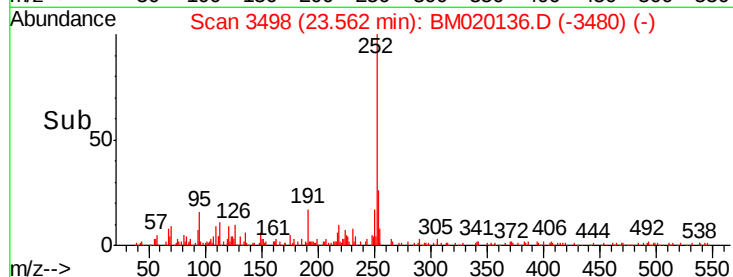
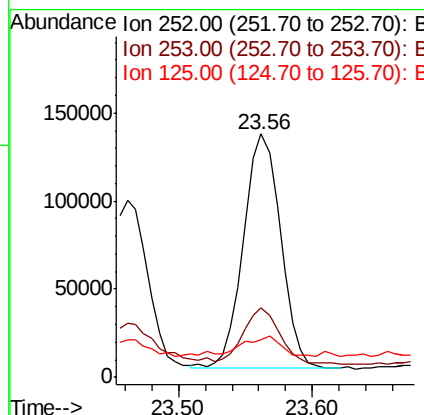
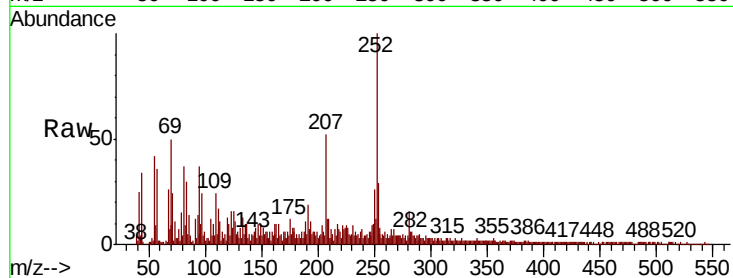
ClientSampleId :

OK-02-050219

Tot Ion:	252	Resp:	256056
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.0	25.6#
125	15.6	5.5	8.3#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 3.333 ng

RT: 26.71 min Scan# 4034

Delta R.T. 0.01 min

Lab File: BM020136.D

Acq: 06 May 2019 15:24

Tgt Ion:	276	Resp:	174561
Ion Ratio	Lower	Upper	
276	100		
277	33.1	18.4	27.6#
138	19.3	11.1	16.7#

