

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020262.D
 Acq On : 11 May 2019 05:06
 Operator : JU/SJ
 Sample : K2779-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-5124

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:36 AM

Quant Time: May 11 06:18:31 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	7.77	152	100123	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	415118	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	283721	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	660059	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	505111	20.00	ng	-0.02
87) Perylene-d12	23.64	264	497338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	695541	113.55	ng	-0.01
7) Phenol-d6	6.95	99	1048481	125.30	ng	0.00
23) Nitrobenzene-d5	8.94	82	712785	67.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	539859	122.59	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1579469	68.49	ng	-0.02
79) Terphenyl-d14	19.80	244	2353111	81.26	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.87	163	285772	11.851	ng	98
75) Fluoranthene	19.23	202	172362	3.739	ng	98
78) Pyrene	19.59	202	153693	4.532	ng	100
81) Benzo(a)anthracene	21.34	228	112051	3.163	ng	98
83) Chrysene	21.39	228	112545	3.276	ng	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	84581	2.070	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	178566m	5.437	ng	
90) Benzo(a)pyrene	23.54	252	113902	3.818	ng	# 86
92) Benzo(g,h,i)perylene	26.68	276	86012	2.920	ng	# 94

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

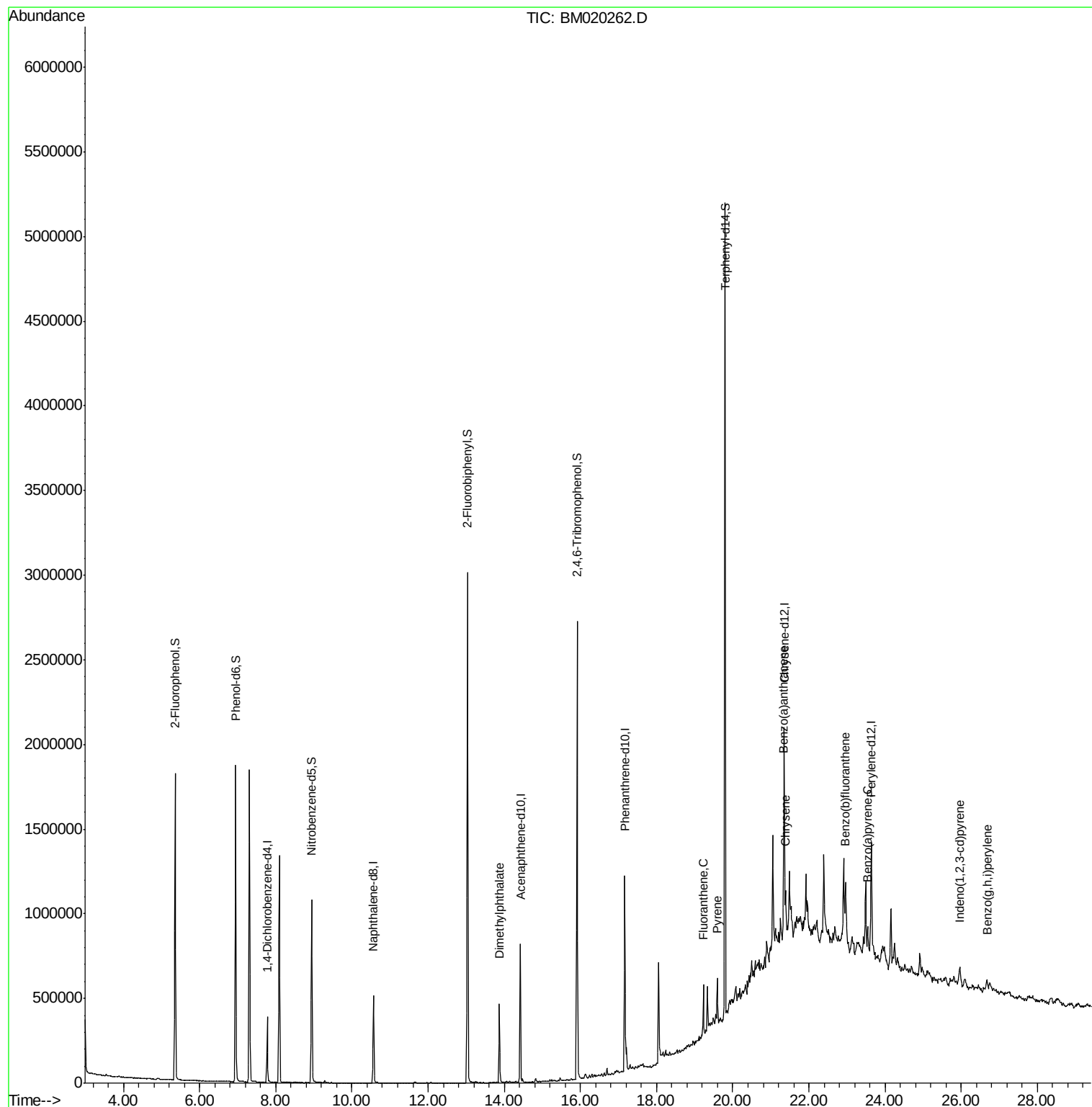
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020262.D
Acq On : 11 May 2019 05:06
Operator : JU/SJ
Sample : K2779-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

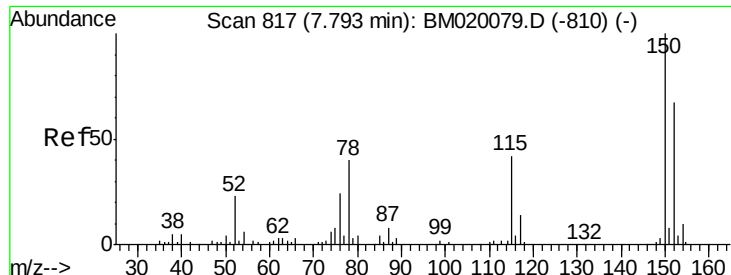
Instrument :
BNA_M
ClientSampleId :
RT-5124

Manual Integrations
APPROVED

mohammad
5/13/2019 8:25:36 AM

Quant Time: May 11 06:18:31 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





#1

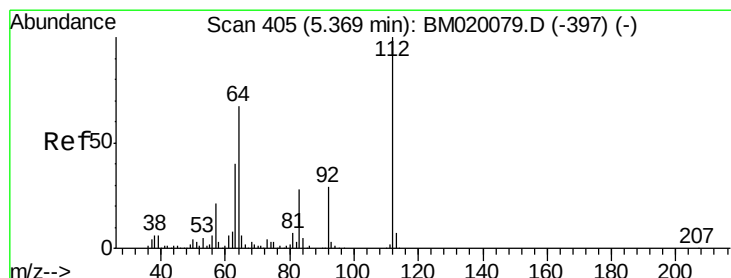
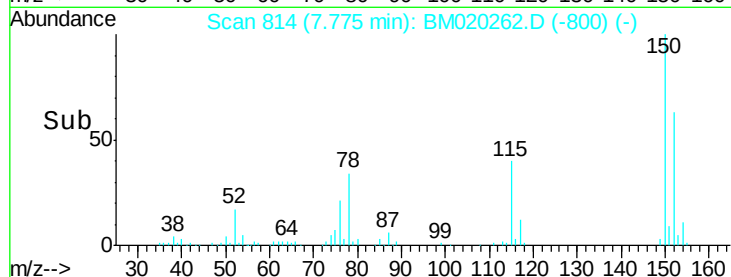
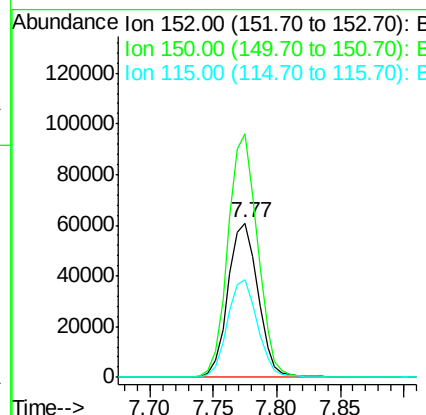
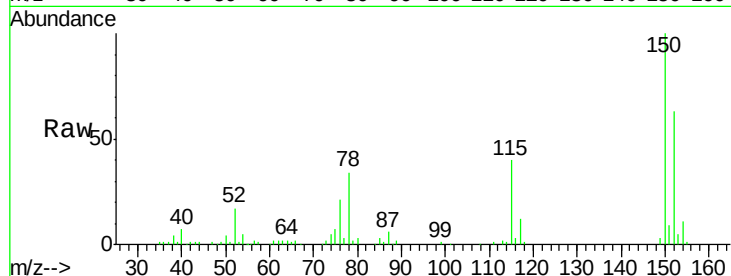
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Instrument :
BNA_M
ClientSampleId :
RT-5124

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.8	179.8
115	63.4	50.8	76.2

Manual Integrations
APPROVED

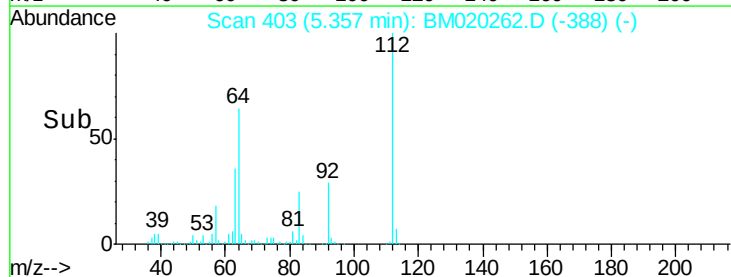
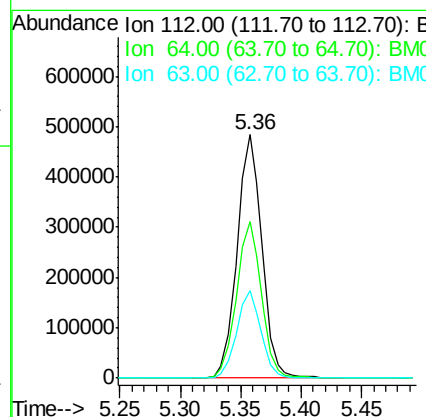
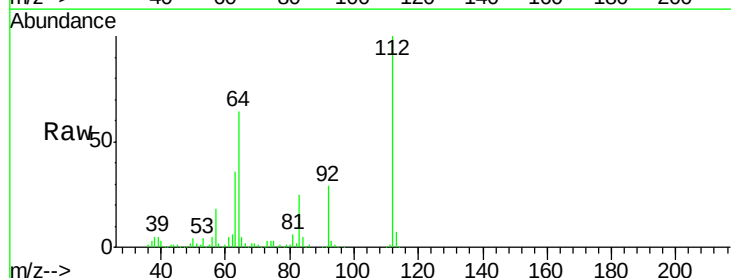
mohammad
5/13/2019 8:25:36 AM

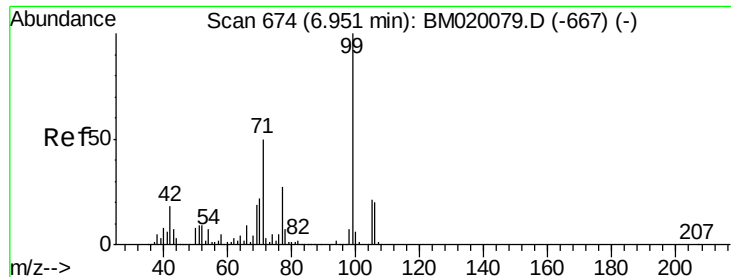


#5

2-Fluorophenol
Concen: 113.553 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.8	80.6
63	35.8	32.3	48.5





#7

Phenol-d6

Concen: 125.297 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Instrument :

BNA_M

ClientSampleId :

RT-5124

Tgt Ion: 99 Resp: 1048481

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

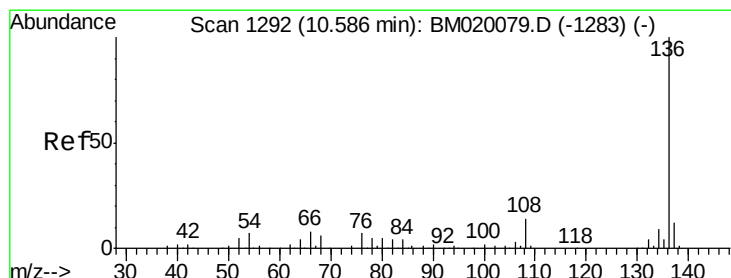
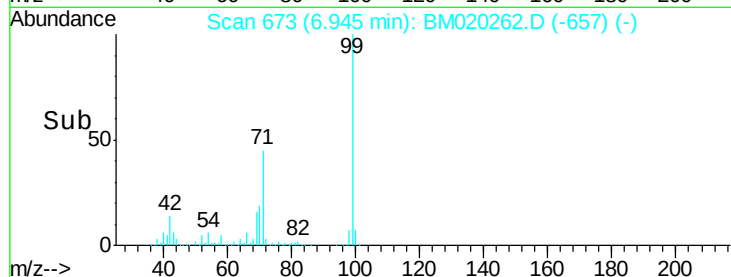
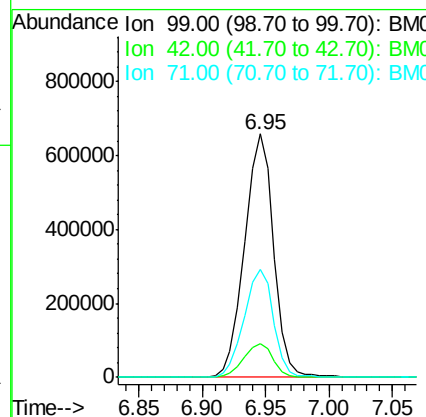
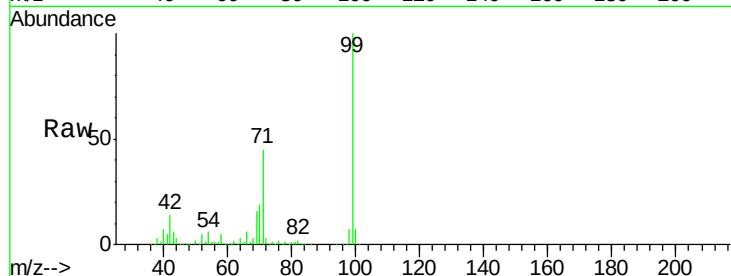
71 44.6 40.3 60.5

Manual Integrations

APPROVED

mohammad

5/13/2019 8:25:36 AM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Tgt Ion: 136 Resp: 415118

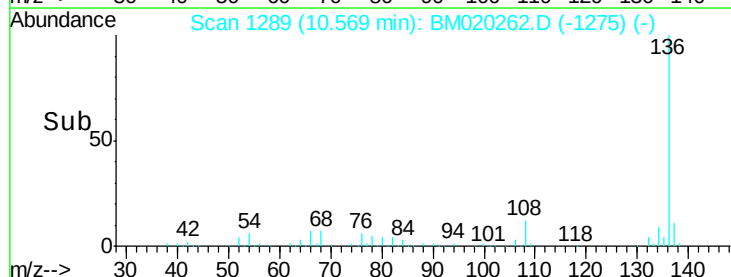
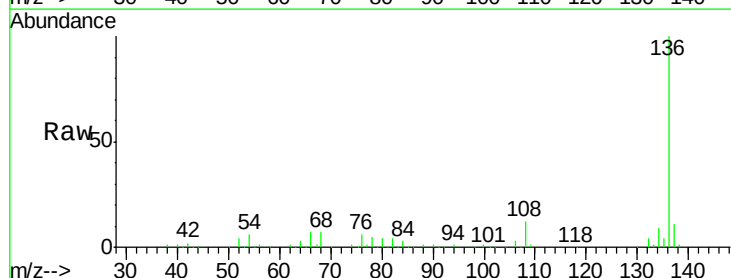
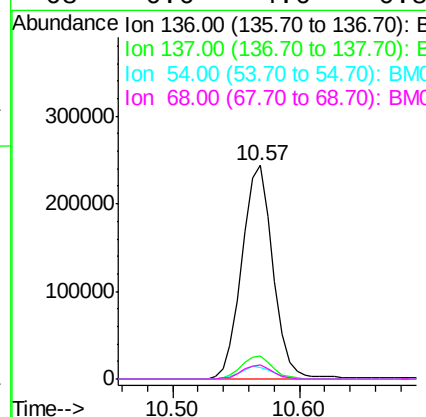
Ion Ratio Lower Upper

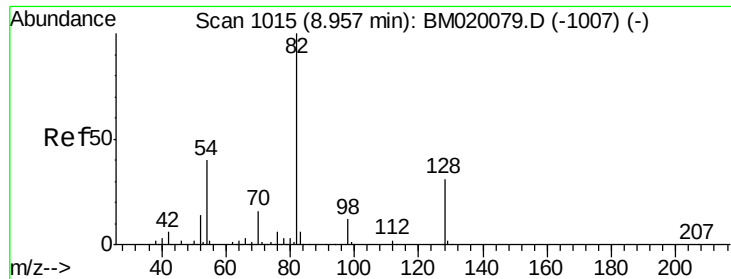
136 100

137 10.6 9.6 14.4

54 5.6 5.5 8.3

68 6.6 4.6 6.8





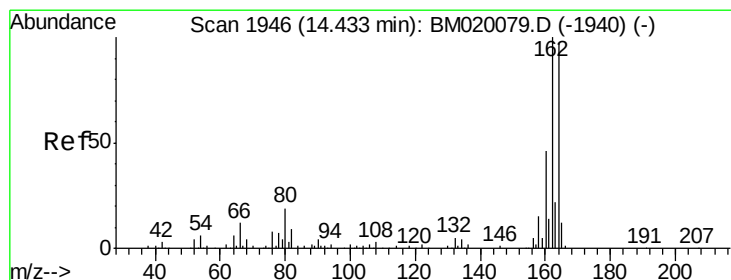
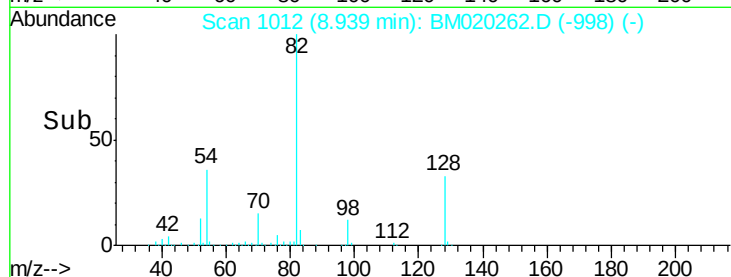
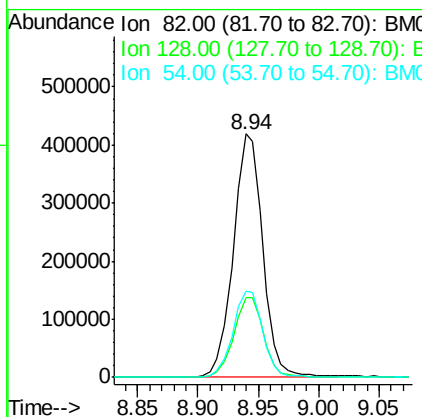
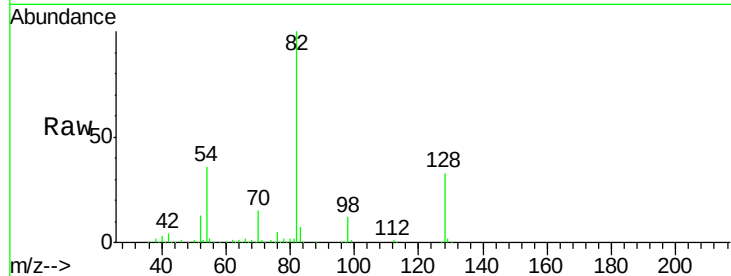
#23
Nitrobenzene-d5
Concen: 67.790 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Instrument :
BNA_M
ClientSampled :
RT-5124

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	712785		
128	33.0	25.2	37.8	
54	35.6	31.9	47.9	

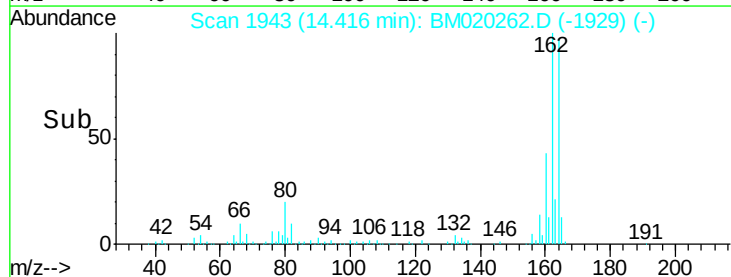
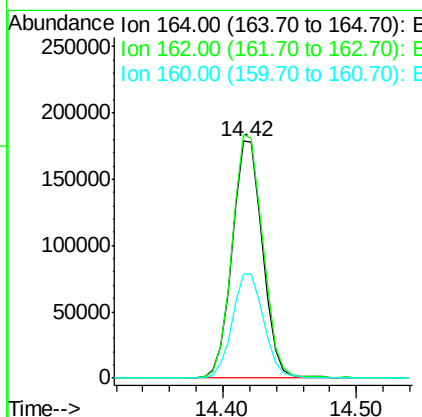
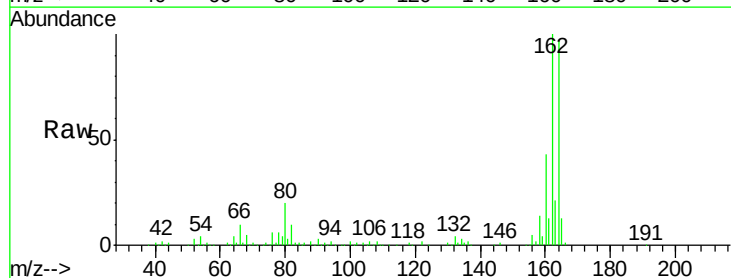
Manual Integrations
APPROVED

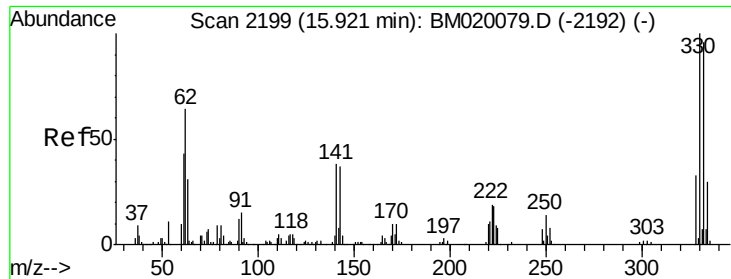
mohammad
5/13/2019 8:25:36 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	283721		
162	102.8	82.2	123.2	
160	44.1	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 122.587 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Instrument :

BNA_M

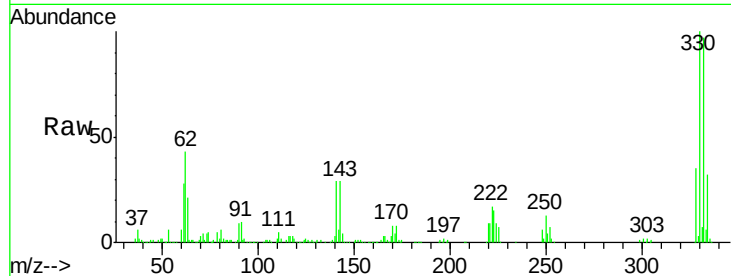
ClientSampleId :

RT-5124

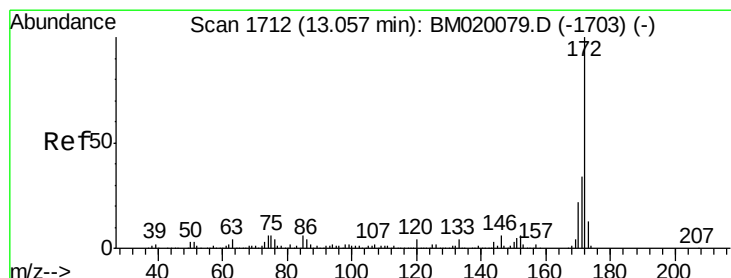
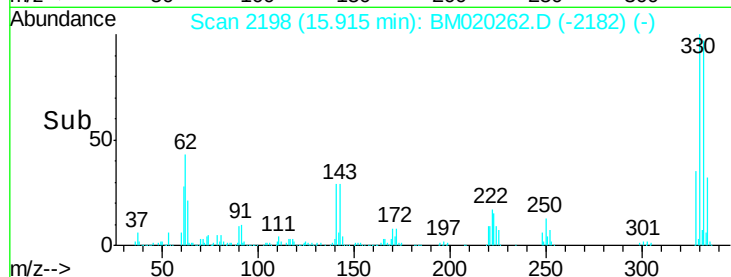
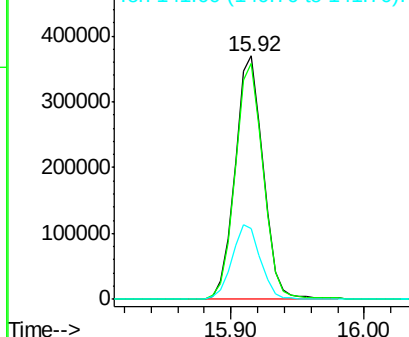
Tgt Ion:	330	Resp:	539859
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.8	115.2
141	31.2	29.2	43.8

Manual Integrations
APPROVED

mohammad
5/13/2019 8:25:36 AM



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: 68.494 ng

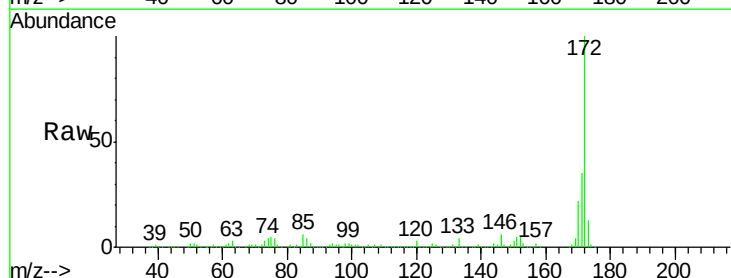
RT: 13.04 min Scan# 1709

Delta R.T. -0.02 min

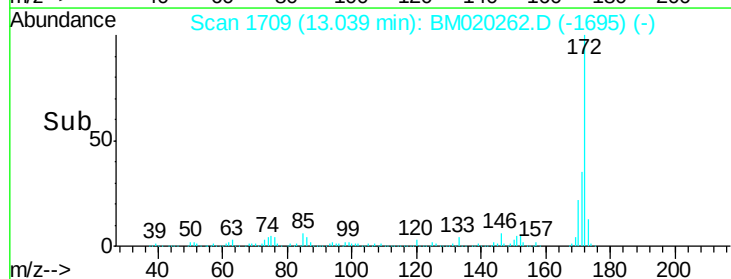
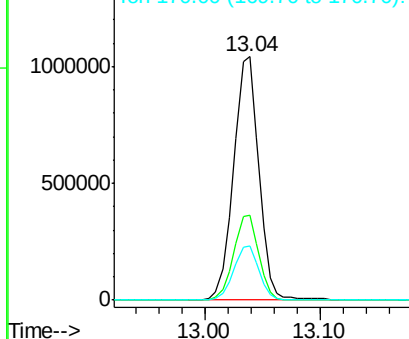
Lab File: BM020262.D

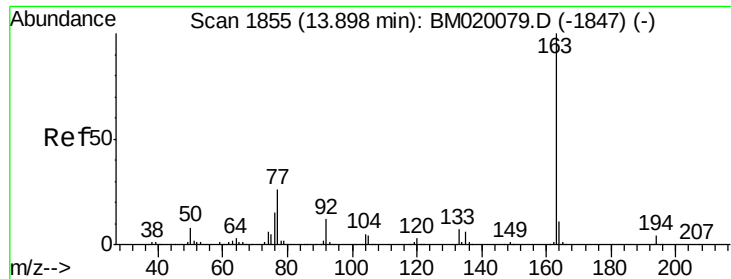
Acq: 11 May 2019 05:06

Tgt Ion:	172	Resp:	1579469
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.3	40.9
170	22.3	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





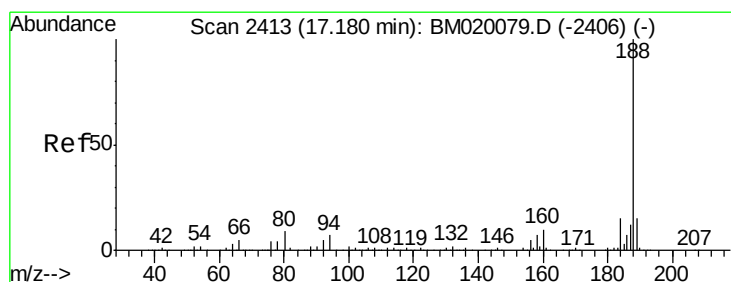
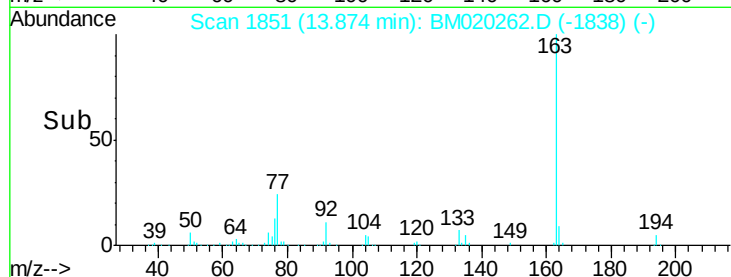
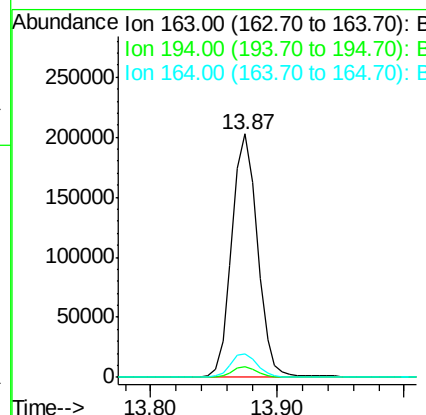
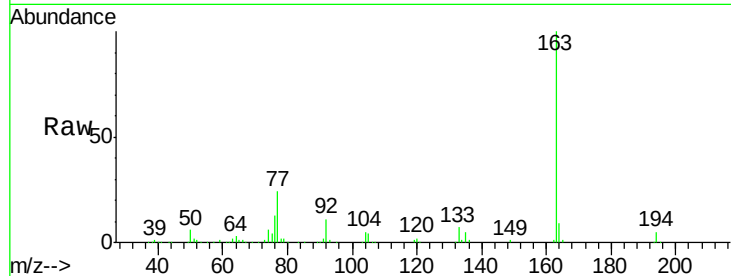
#50
 Dimethylphthalate
 Concen: 11.851 ng
 RT: 13.87 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BM020262.D
 Acq: 11 May 2019 05:06

Instrument :
 BNA_M
 ClientSampled :
 RT-5124

Tgt Ion:	163	Resp:	285772
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	9.4	8.4	12.6

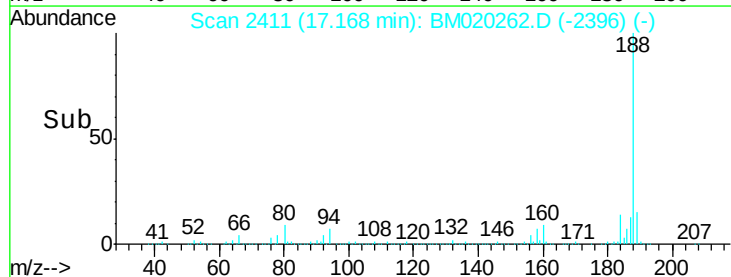
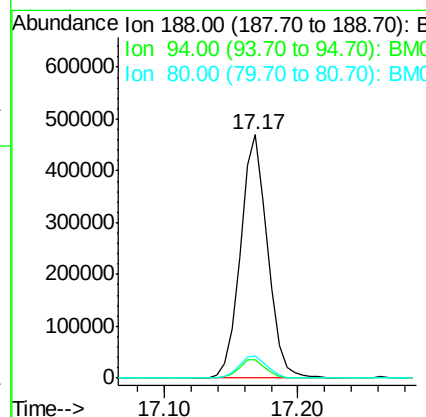
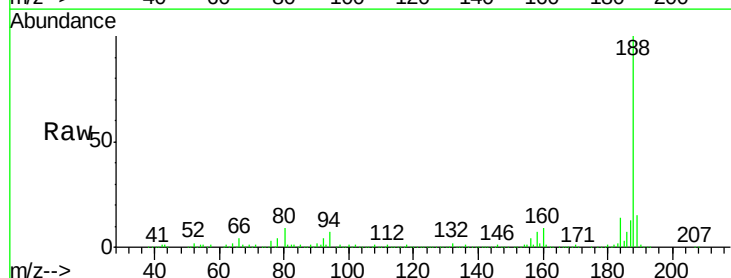
Manual Integrations
 APPROVED

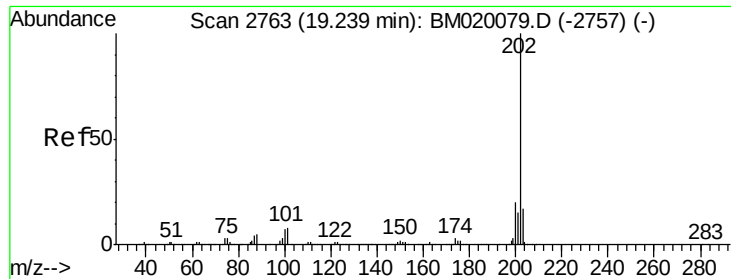
mohammad
 5/13/2019 8:25:36 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM020262.D
 Acq: 11 May 2019 05:06

Tgt Ion:	188	Resp:	660059
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.8	8.6
80	9.0	7.4	11.2





#75

Fluoranthene

Concen: 3.739 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Instrument :

BNA_M

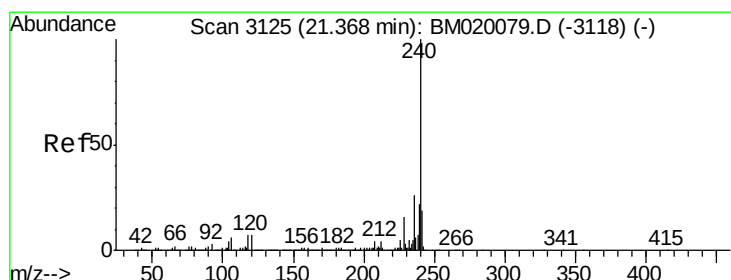
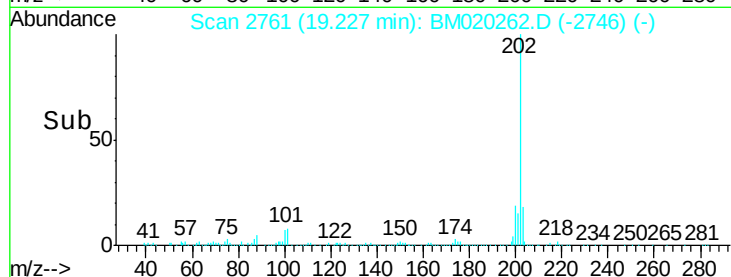
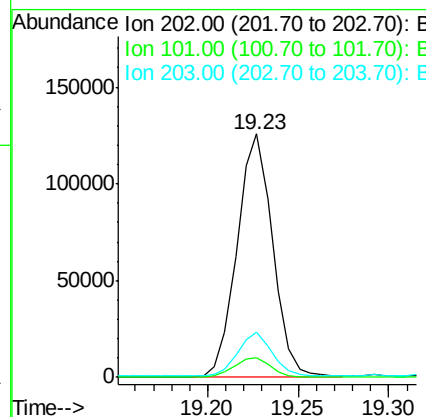
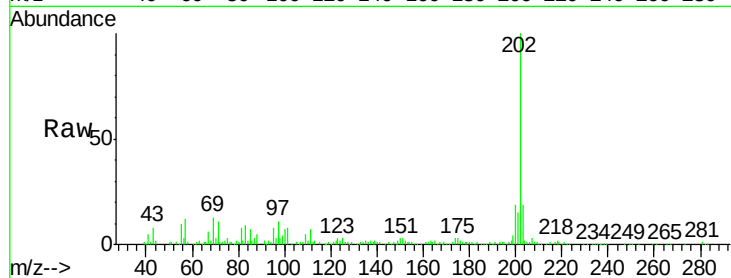
ClientSampleId :

RT-5124

Tgt	Ion	202	Resp:	172362
Ion	Ratio	Lower	Upper	
202	100			
101	8.0	0.0	28.4	
203	18.8	0.0	37.4	

Manual Integrations
APPROVED

mohammad
5/13/2019 8:25:36 AM



#76

Chrysene-d12

Concen: 20.000 ng

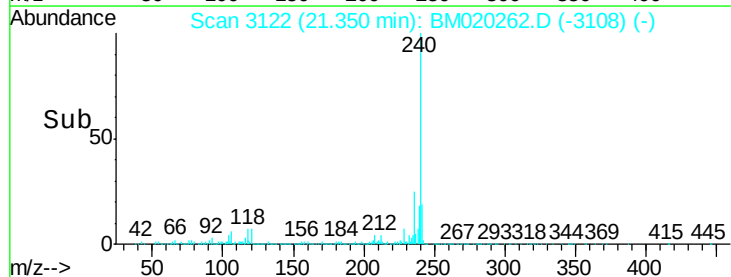
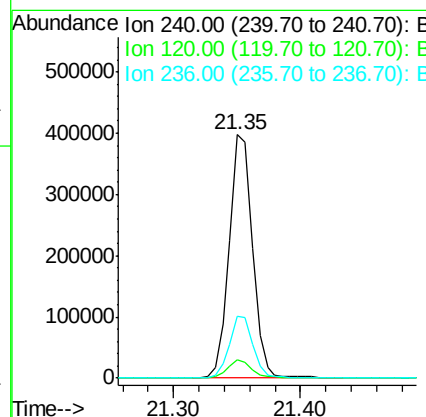
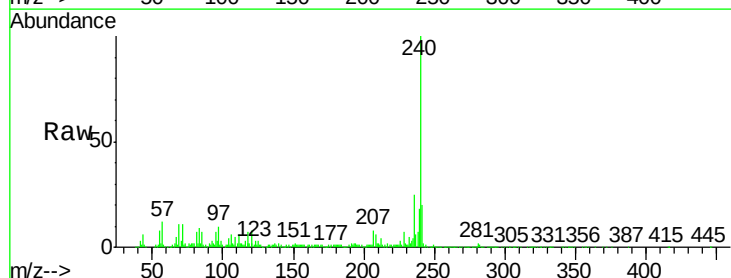
RT: 21.35 min Scan# 3122

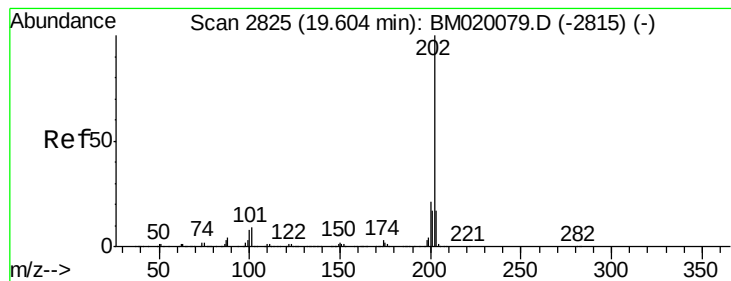
Delta R.T. -0.02 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Tgt	Ion	240	Resp:	505111
Ion	Ratio	Lower	Upper	
240	100			
120	7.7	5.6	8.4	
236	25.4	20.9	31.3	





#78

Pyrene

Concen: 4.532 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Instrument :

BNA_M

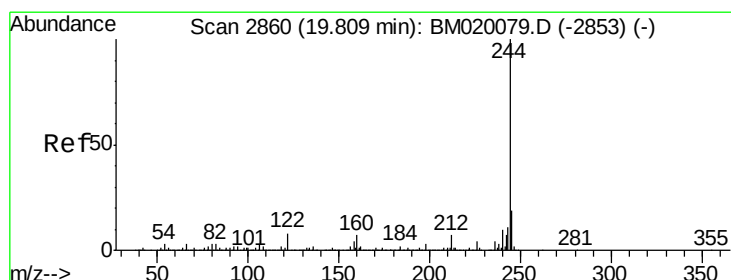
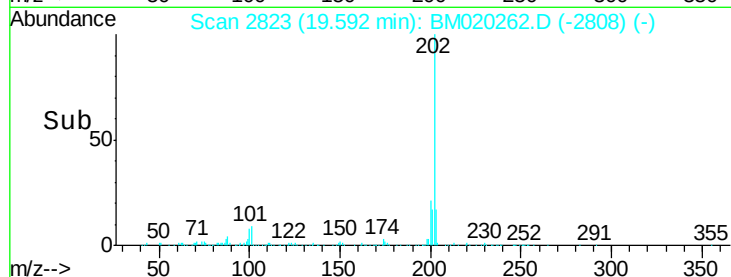
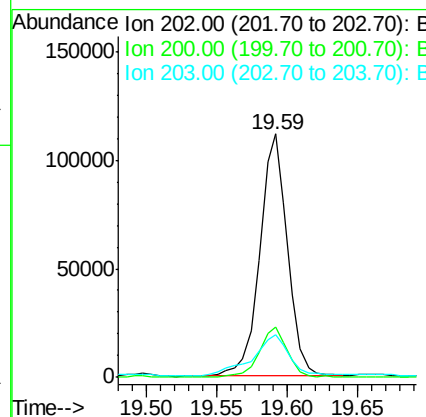
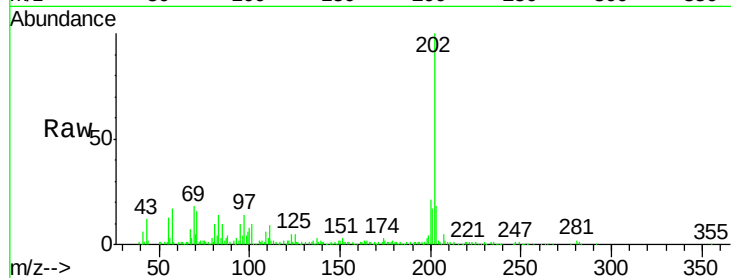
ClientSampleId :

RT-5124

Tgt	Ion	202	Resp:	153693
Ion	Ratio	Lower	Upper	
202	100			
200	20.6	16.5	24.7	
203	17.5	13.9	20.9	

Manual Integrations
APPROVED

mohammad
5/13/2019 8:25:36 AM



#79

Terphenyl-d14

Concen: 81.256 ng

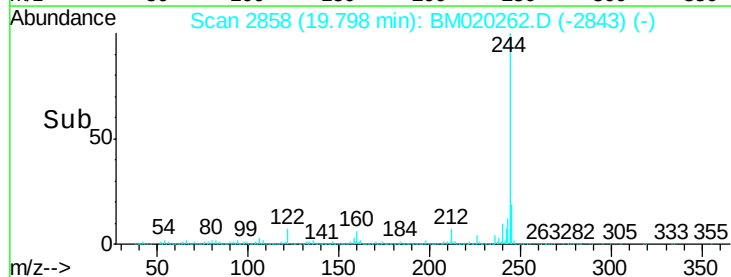
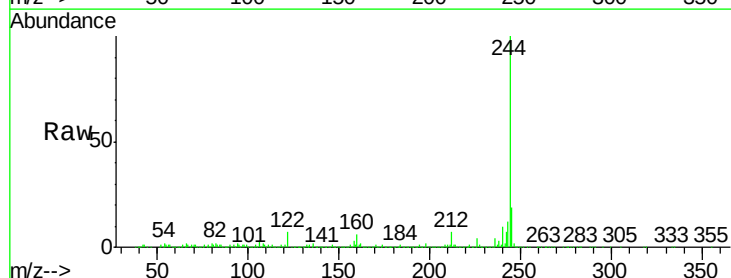
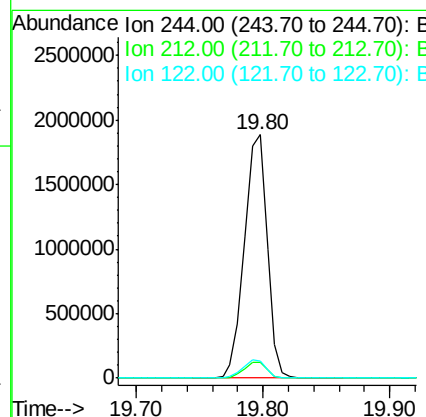
RT: 19.80 min Scan# 2858

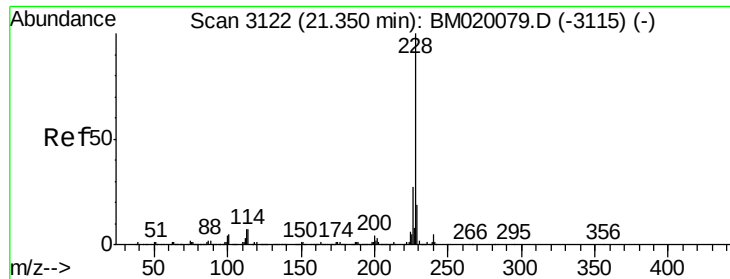
Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Tgt	Ion	244	Resp:	2353111
Ion	Ratio	Lower	Upper	
244	100			
212	6.6	5.7	8.5	
122	6.8	6.2	9.2	





#81

Benzo(a)anthracene

Concen: 3.163 ng

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Instrument :

BNA_M

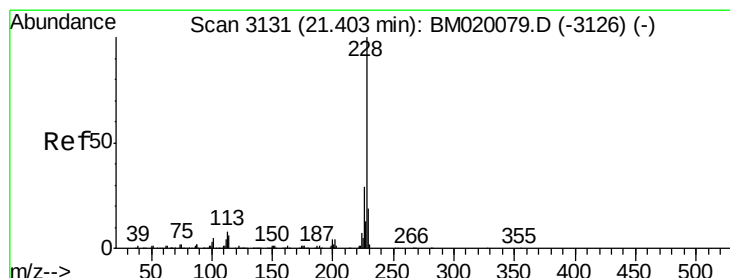
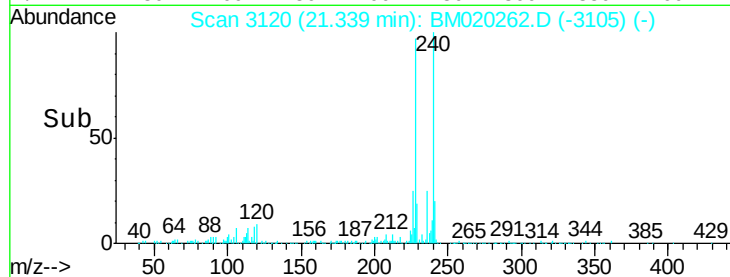
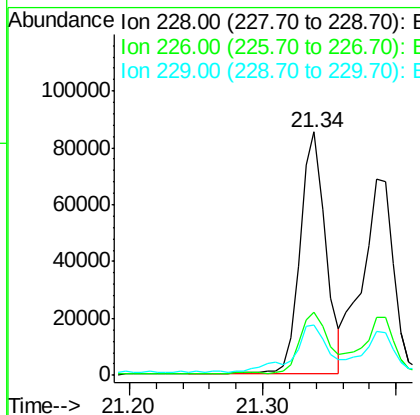
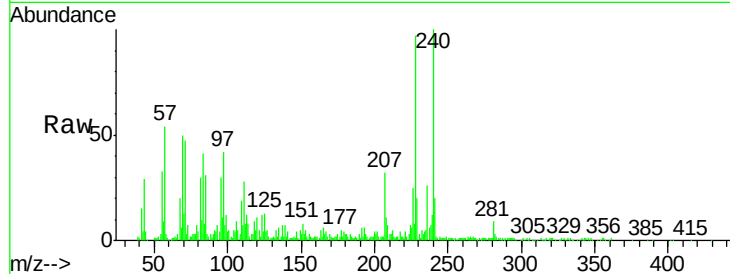
ClientSampled :

RT-5124

Tgt Ion:	228	Resp:	112051
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.3	31.9
229	20.9	15.5	23.3

Manual Integrations
APPROVED

mohammad
5/13/2019 8:25:36 AM



#83

Chrysene

Concen: 3.276 ng

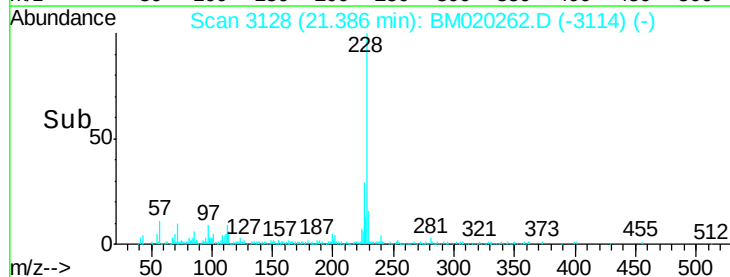
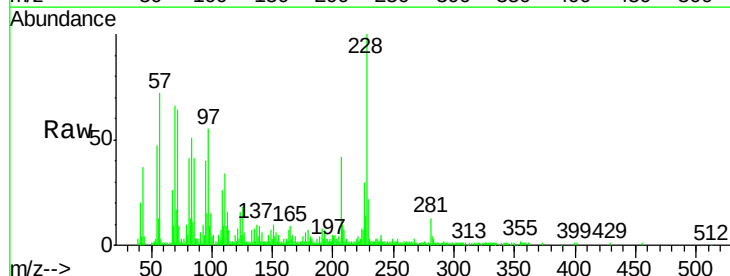
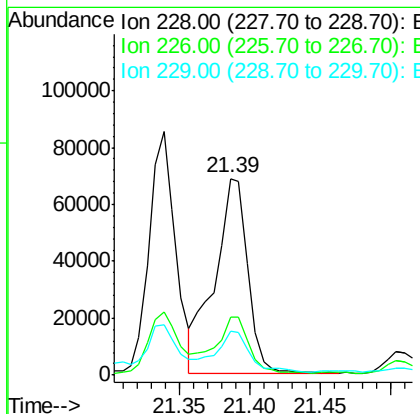
RT: 21.39 min Scan# 3128

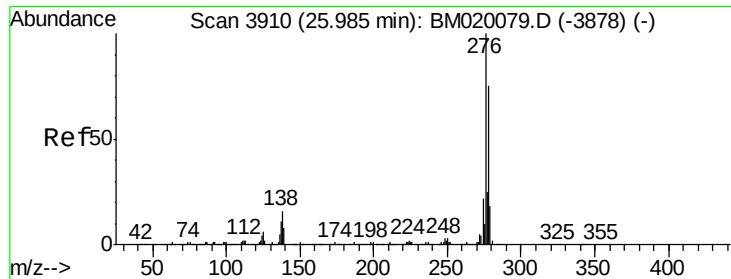
Delta R.T. -0.02 min

Lab File: BM020262.D

Acq: 11 May 2019 05:06

Tgt Ion:	228	Resp:	112545
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.0	34.6
229	22.0	15.5	23.3





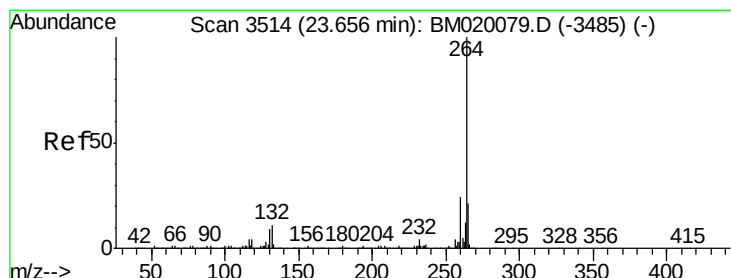
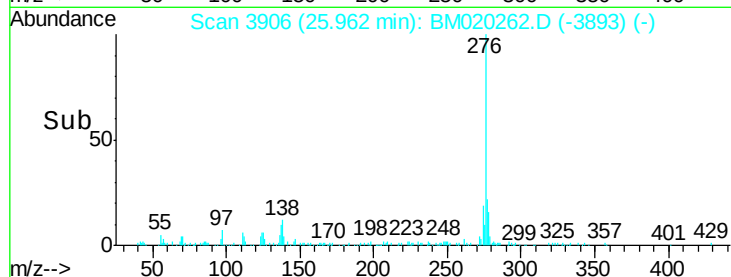
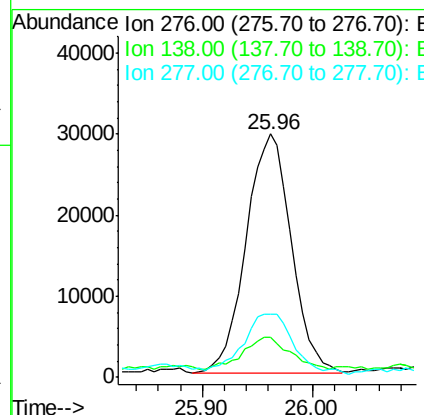
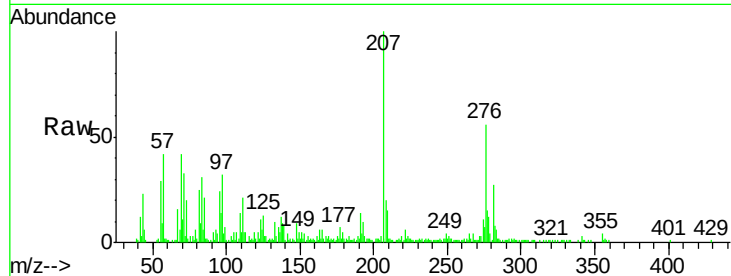
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.070 ng
 RT: 25.96 min Scan# 3906
 Delta R.T. -0.02 min
 Lab File: BM020262.D
 Acq: 11 May 2019 05:06

Instrument :
 BNA_M
 ClientSampleId :
 RT-5124

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.2	0.0	0.0#
277	28.0	0.0	0.0#

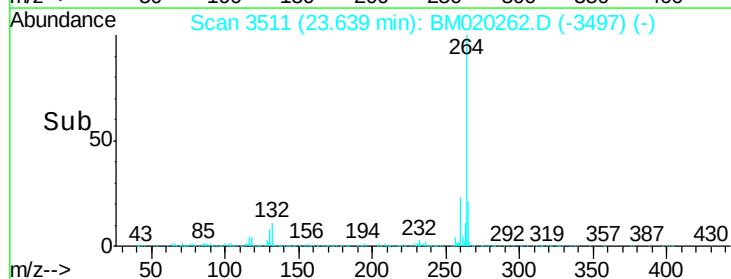
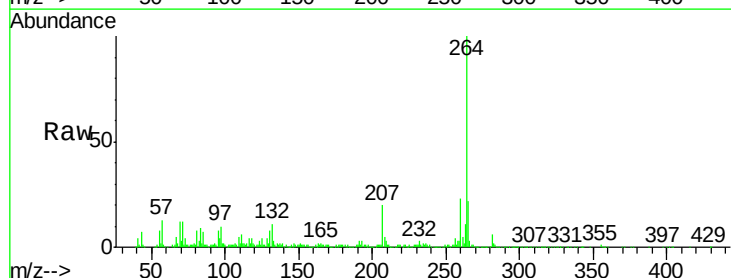
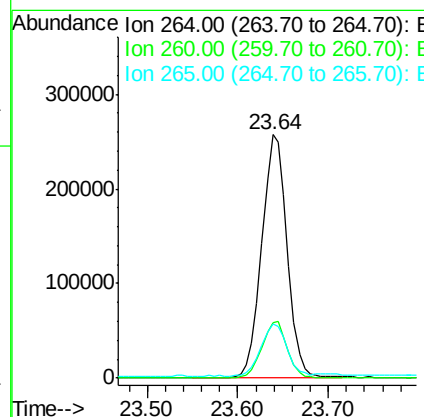
Manual Integrations
 APPROVED

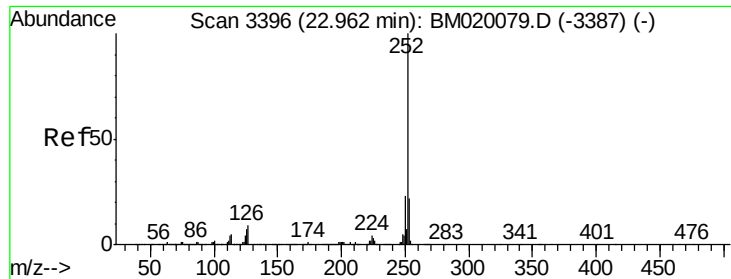
mohammad
 5/13/2019 8:25:36 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM020262.D
 Acq: 11 May 2019 05:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.7	19.2	28.8
265	22.1	16.9	25.3





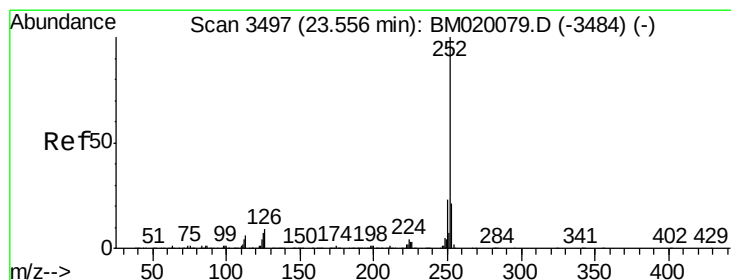
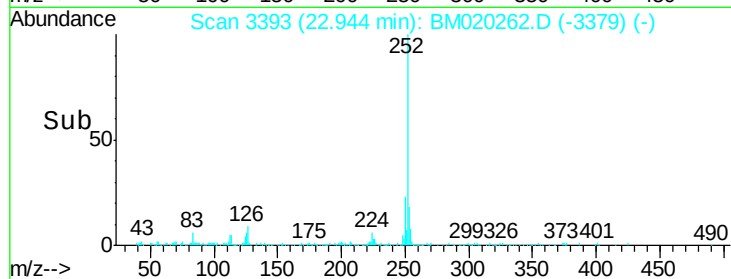
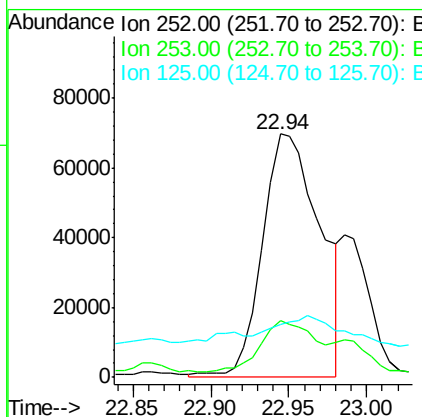
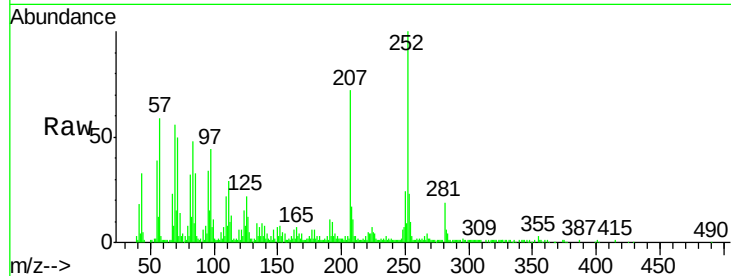
#88
Benzo(b)fluoranthene
Concen: 5.437 ng m
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Instrument :
BNA_M
ClientSampleId :
RT-5124

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	21.6	5.4	8.2

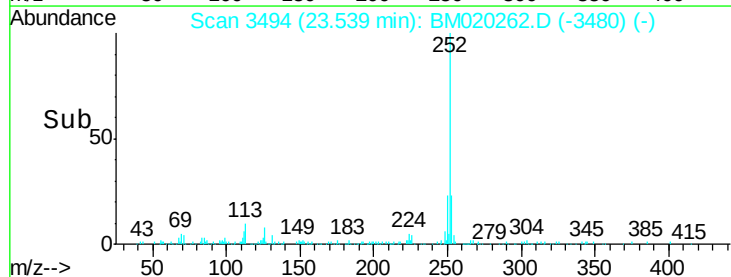
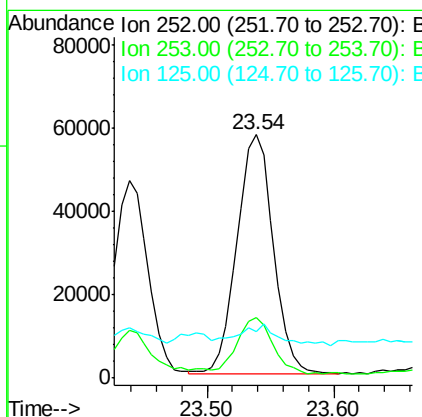
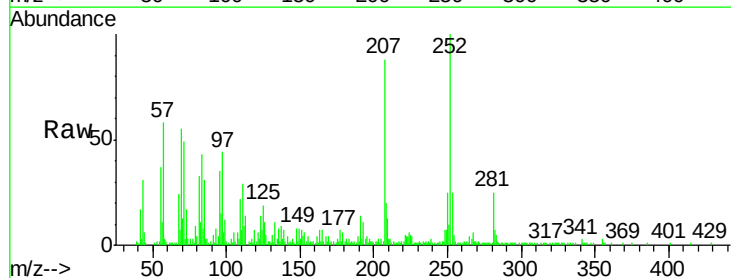
Manual Integrations
APPROVED

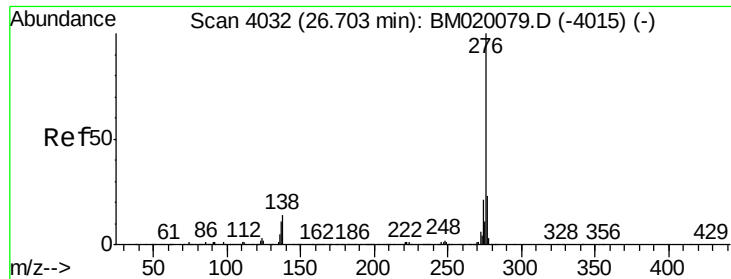
mohammad
5/13/2019 8:25:36 AM



#90
Benzo(a)pyrene
Concen: 3.818 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020262.D
Acq: 11 May 2019 05:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	19.1	5.5	8.3





#92
 Benzo(g,h,i)perylene
 Concen: 2.920 ng
 RT: 26.68 min Scan# 4028
 Delta R.T. -0.02 min
 Lab File: BM020262.D
 Acq: 11 May 2019 05:06

Instrument :
 BNA_M
 ClientSampleId :
 RT-5124

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.1	18.4	27.6
138	17.6	11.1	16.7#

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:36 AM

