

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023067.D
 Acq On : 09 Oct 2019 04:47
 Operator : JU
 Sample : K5028-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK4

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:28:25 AM

Quant Time: Oct 09 06:45:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	188563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	778315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	447481	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	850345	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	846637	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	996326	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	24475	5.61	ng/uL	0.00
5) Phenol-d5	6.94	99	125562	7.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	247863	27.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	317725	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	217400	15.94	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	179770	29.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	197015	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	363992	27.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	264360	16.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	1072149	30.87	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1265448	31.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	48100	7.01	ng/ul	0.00
58) Fluorene-d10	15.40	176	896722	30.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	140138	25.32	ng/ul	0.00
71) Anthracene-d10	17.25	188	1340400	32.28	ng/ul	0.00
79) Pyrene-d10	19.54	212	1476442	32.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1689369	32.78	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	6.92	77	23025	3.049 ng/ul#	37
6) Phenol	6.97	94	18610	1.066 ng/ul	97
11) 2-Methylphenol	8.22	108	22500	1.671 ng/ul	100
16) 4-Methylphenol	8.54	108	37394	2.512 ng/ul	95
24) 2,4-Dimethylphenol	9.74	107	657676m	45.027 ng/ul	
28) Naphthalene	10.61	128	312849	7.443 ng/ul	99
34) 2-Methylnaphthalene	12.23	142	116894	3.709 ng/ul	99
45) Dimethylphthalate	13.87	163	494859	13.871 ng/ul	99
50) Acenaphthene	14.47	153	330152	10.949 ng/ul	100
59) Fluorene	15.46	166	155826	4.477 ng/ul	100
70) Phenanthrene	17.19	178	417538	8.227 ng/ul	100
72) Anthracene	17.28	178	93938	1.817 ng/ul	98
77) Fluoranthene	19.20	202	85456	1.497 ng/ul#	96
80) Pyrene	19.57	202	102931	1.715 ng/ul	97

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

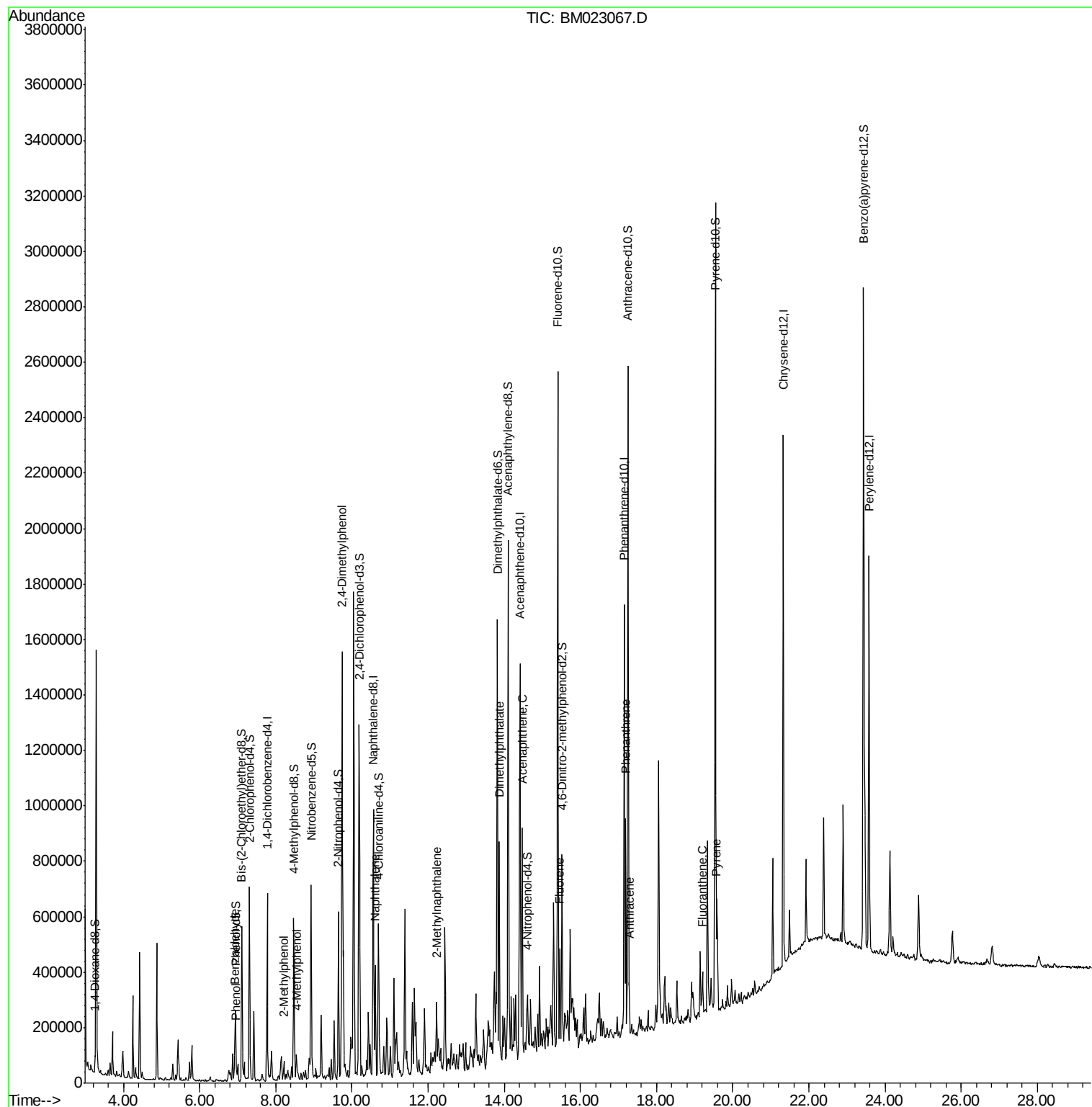
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023067.D
Acq On : 09 Oct 2019 04:47
Operator : JU
Sample : K5028-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

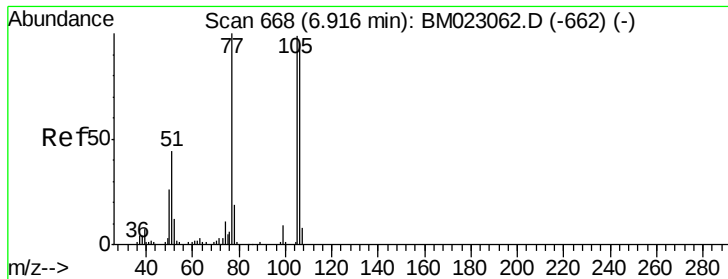
Instrument :
BNA_M
ClientSampleId :
BFDK4

Quant Time: Oct 09 06:45:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/11/2019 8:28:25 AM





#4

Benzaldehyde

Concen: 3.049 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023067.D

Acq: 09 Oct 2019 04:47

Instrument :

BNA_M

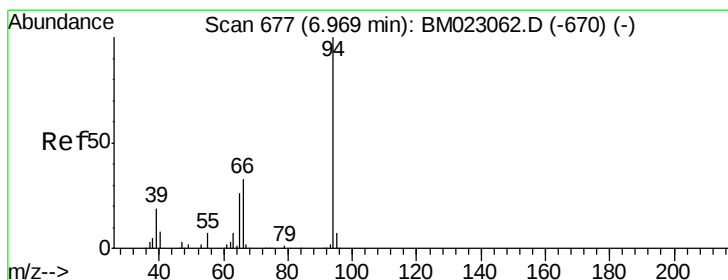
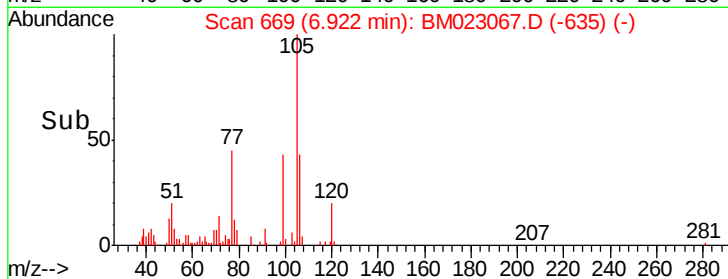
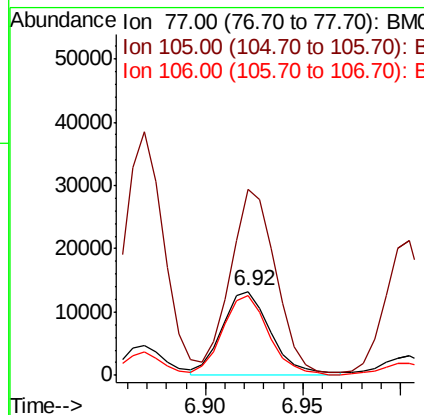
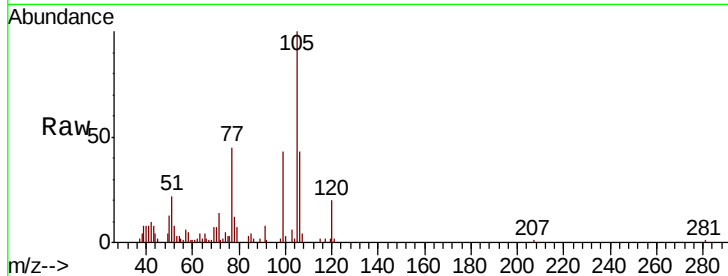
ClientSampled :

BFDK4

Tot Ion	Ratio	Lower	Upper
77	100		
105	221.9	80.6	120.8
106	94.4	77.0	115.6

Manual Integrations
APPROVED

mohammad
10/11/2019 8:28:25 AM



#6

Phenol

Concen: 1.066 ng/ul

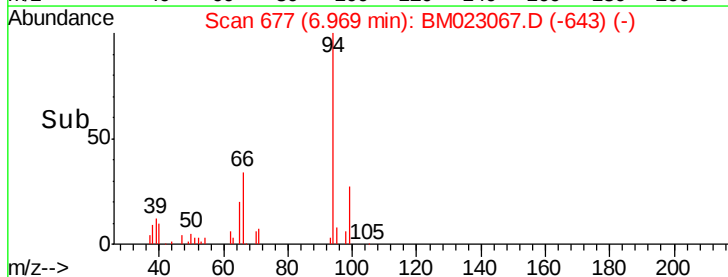
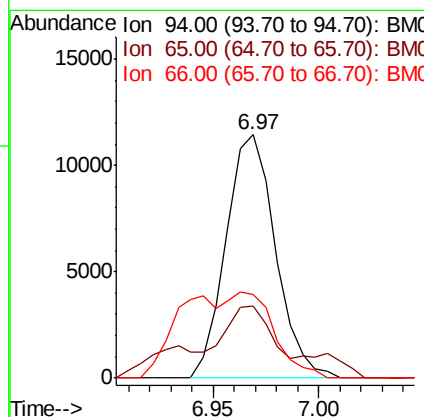
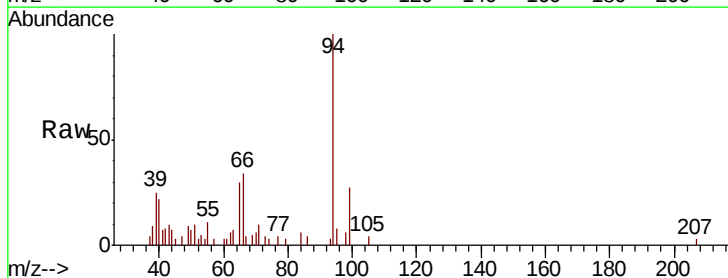
RT: 6.97 min Scan# 677

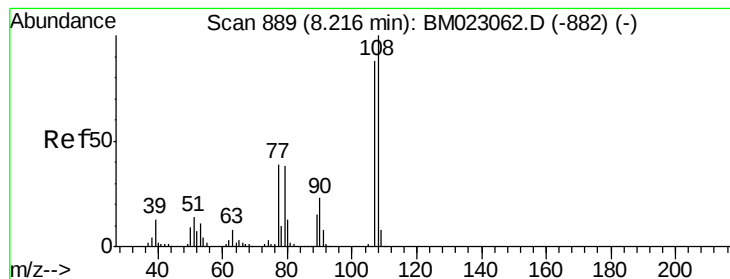
Delta R.T. -0.00 min

Lab File: BM023067.D

Acq: 09 Oct 2019 04:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	20.9	31.3
66	34.5	27.2	40.8





#11

2-Methylphenol

Concen: 1.671 ng/ul

RT: 8.22 min Scan# 889

Delta R.T. -0.00 min

Lab File: BM023067.D

Acq: 09 Oct 2019 04:47

Instrument :

BNA_M

ClientSampleId :

BFDK4

Tot Ion:108 Resp: 22500

Ion Ratio Lower Upper

108 100

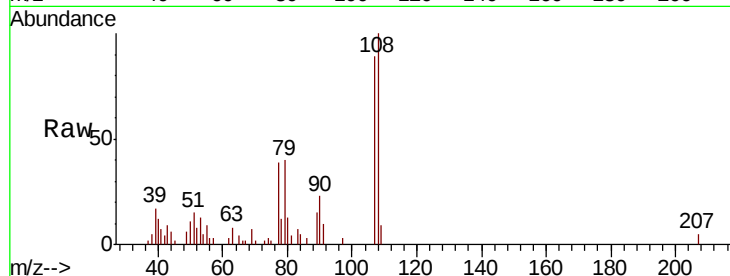
107 88.5 71.0 106.4

Manual Integrations

APPROVED

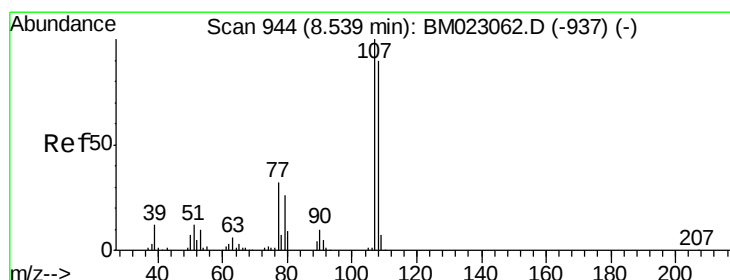
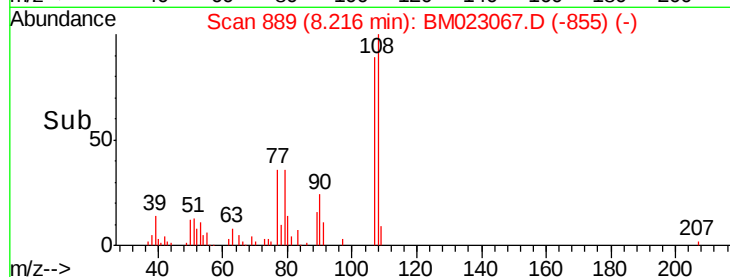
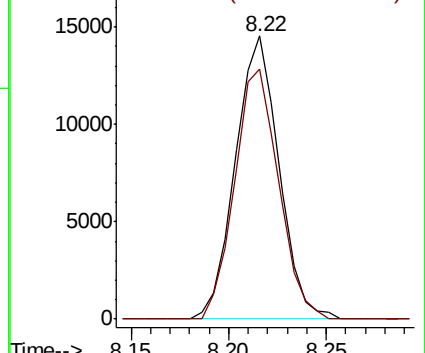
mohammad

10/11/2019 8:28:25 AM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#16

4-Methylphenol

Concen: 2.512 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM023067.D

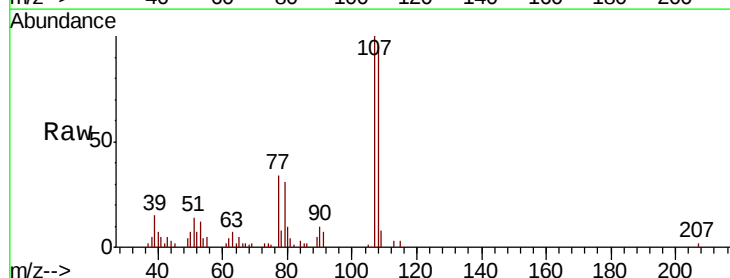
Acq: 09 Oct 2019 04:47

Tgt Ion:108 Resp: 37394

Ion Ratio Lower Upper

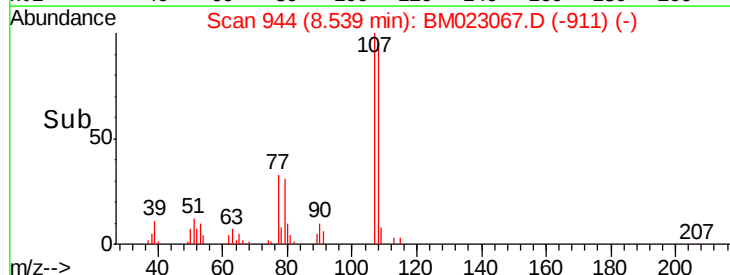
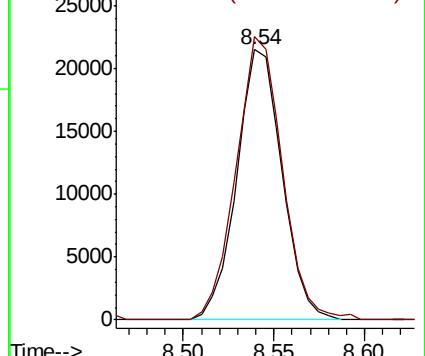
108 100

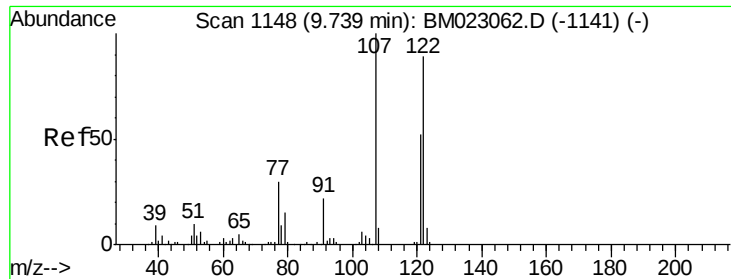
107 104.7 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





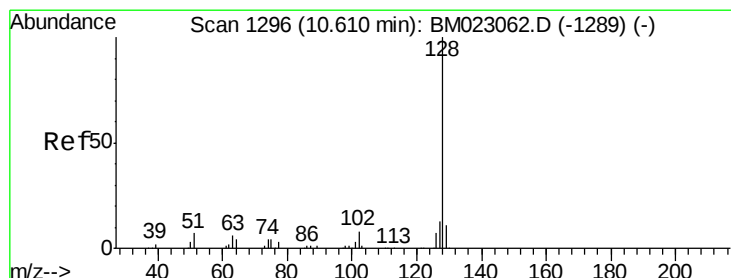
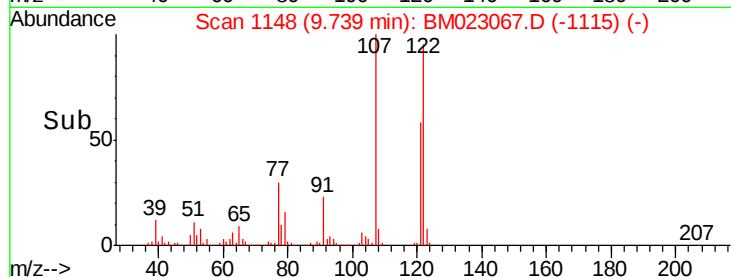
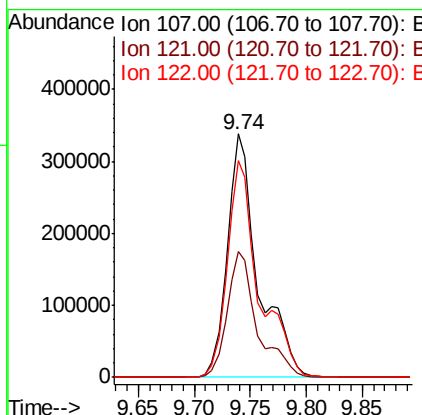
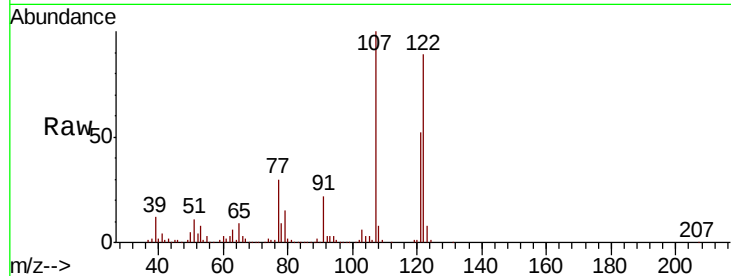
#24
2,4-Dimethylphenol
Concen: 45.027 ng/ul m
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Instrument :
BNA_M
ClientSampleId :
BFDK4

Tot Ion	Ratio	Lower	Upper
107	100		
121	51.9	43.0	64.4
122	88.9	71.4	107.0

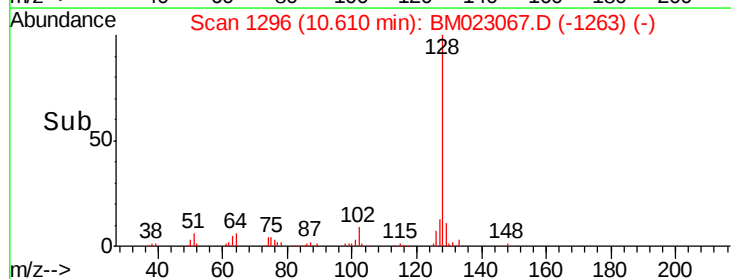
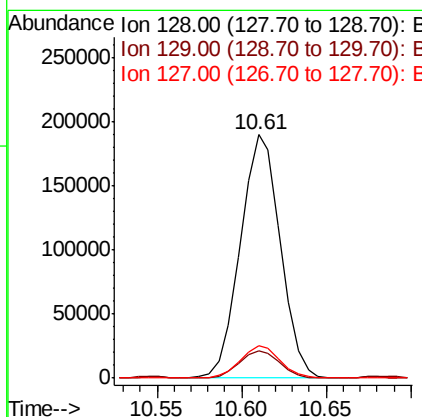
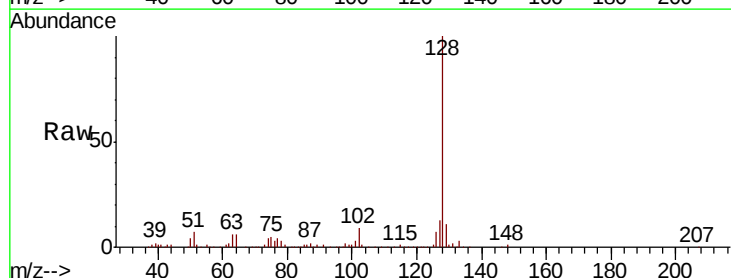
Manual Integrations
APPROVED

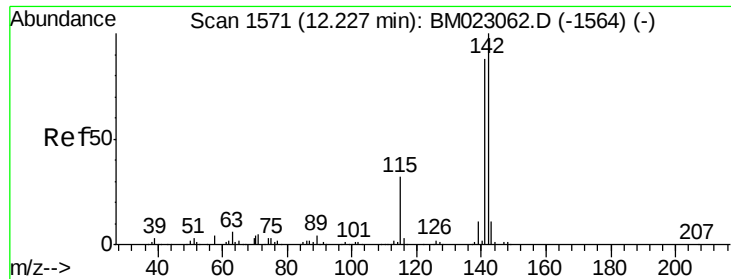
mohammad
10/11/2019 8:28:25 AM



#28
Naphthalene
Concen: 7.443 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.2	15.4





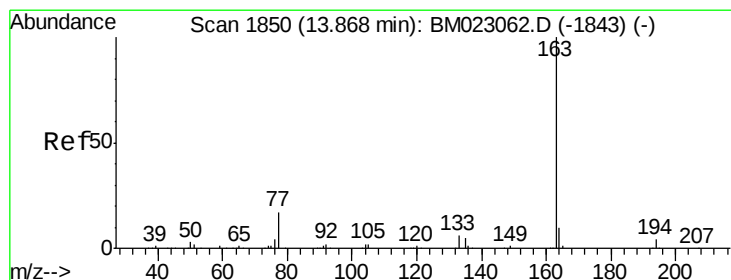
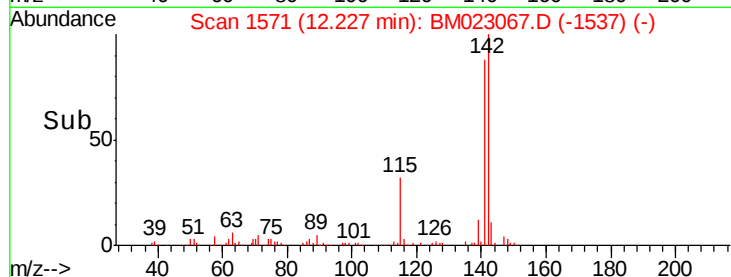
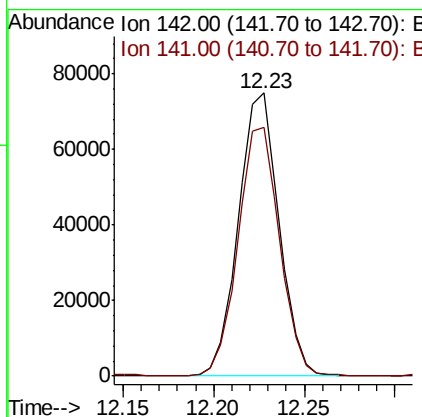
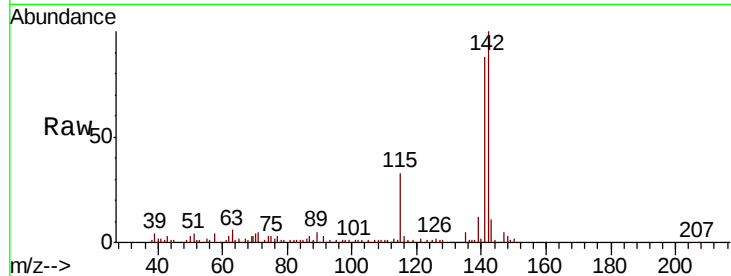
#34
2-Methylnaphthalene
Concen: 3.709 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Instrument :
BNA_M
ClientSampleId :
BFDK4

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.2	106.8

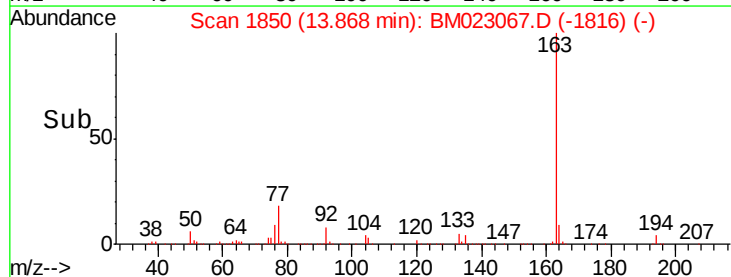
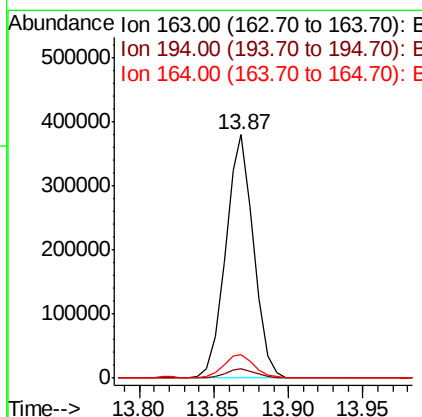
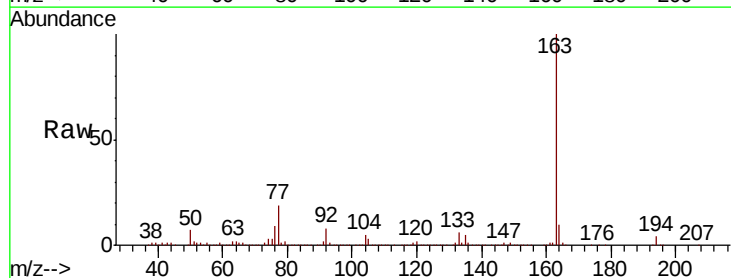
Manual Integrations
APPROVED

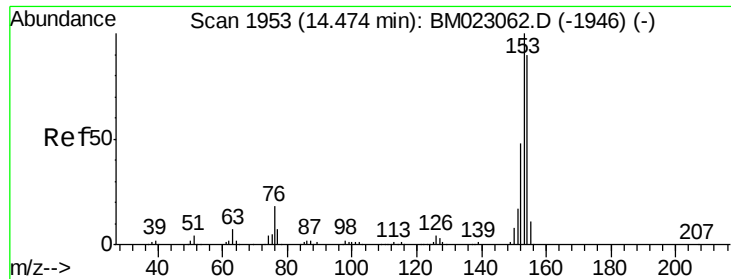
mohammad
10/11/2019 8:28:25 AM



#45
Dimethylphthalate
Concen: 13.871 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1





#50

Acenaphthene

Concen: 10.949 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023067.D

Acq: 09 Oct 2019 04:47

Instrument :

BNA_M

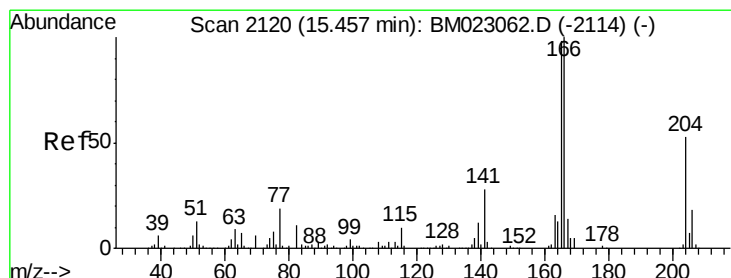
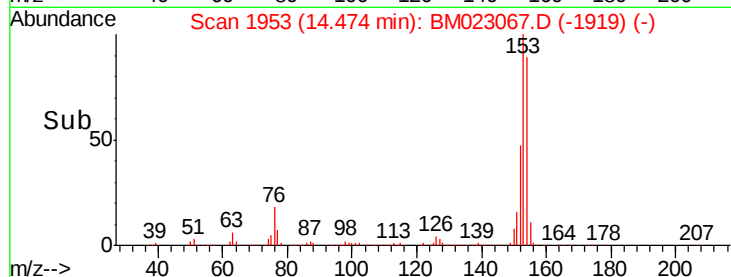
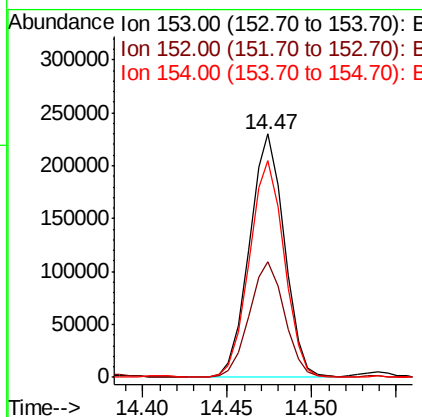
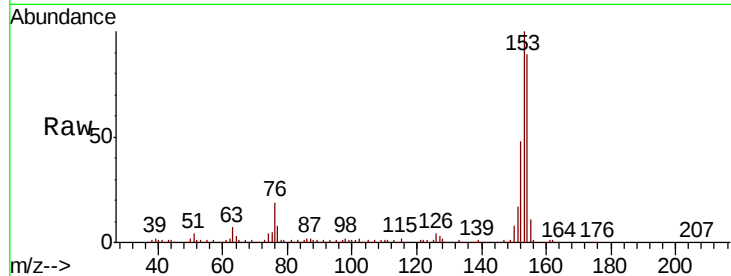
ClientSampleId :

BFDK4

Tot Ion:	153	Resp:	330152
Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.1	57.1
154	89.1	71.1	106.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:28:25 AM



#59

Fluorene

Concen: 4.477 ng/ul

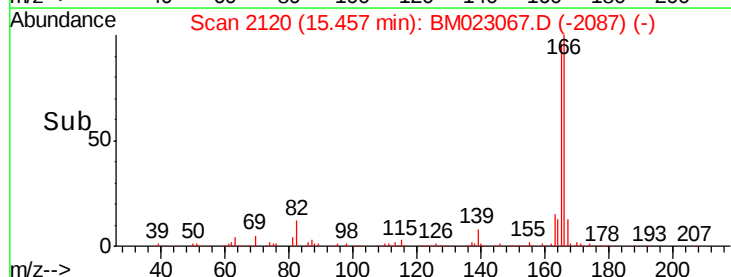
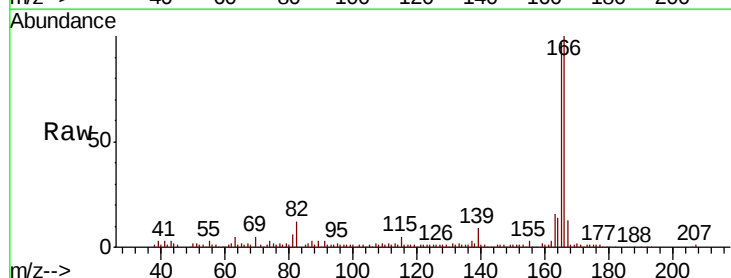
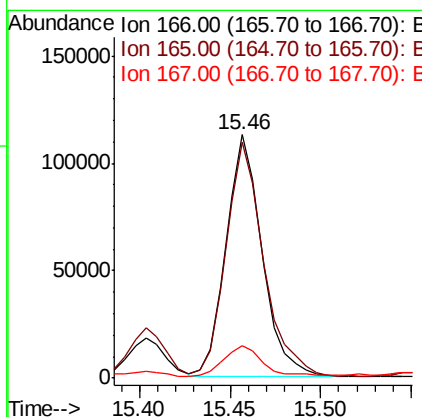
RT: 15.46 min Scan# 2120

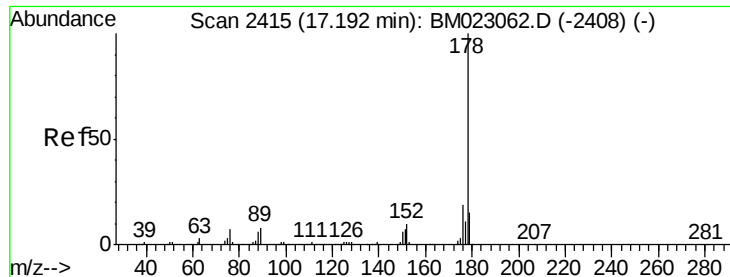
Delta R.T. -0.01 min

Lab File: BM023067.D

Acq: 09 Oct 2019 04:47

Tgt Ion:	166	Resp:	155826
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.4	11.0	16.4





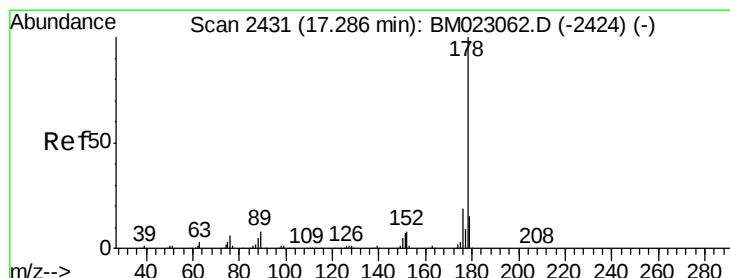
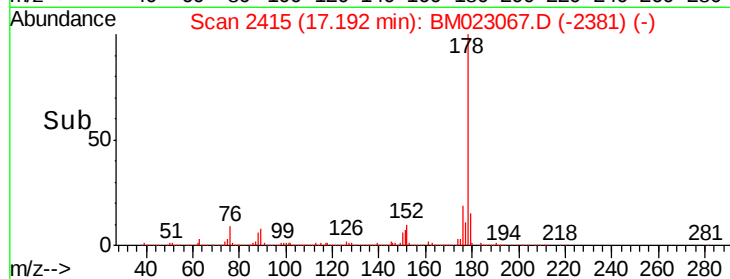
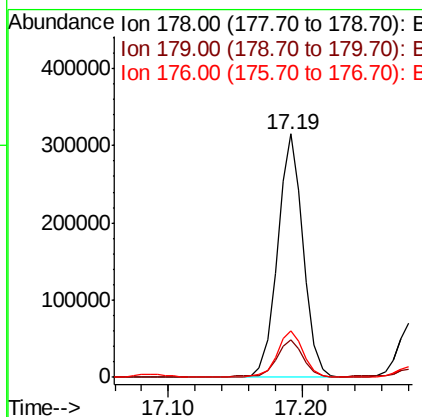
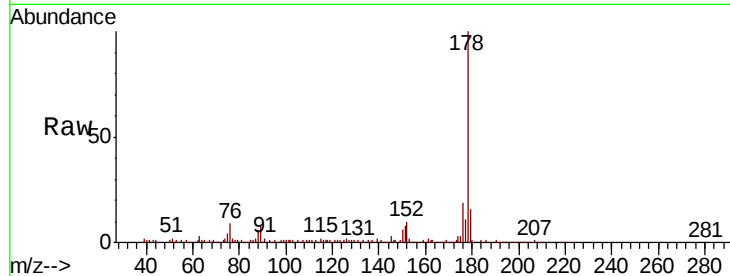
#70
Phenanthrene
Concen: 8.227 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Instrument :
BNA_M
ClientSampleId :
BFDK4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	15.3	22.9

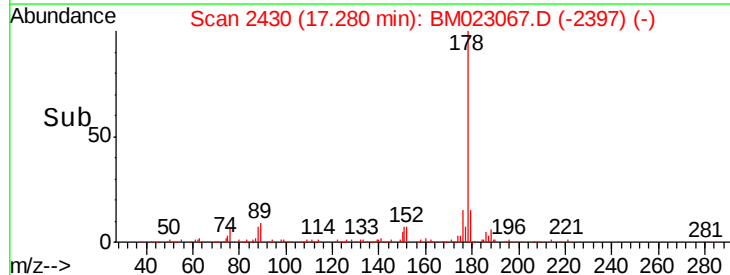
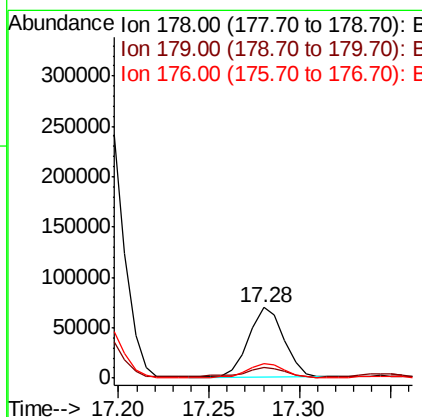
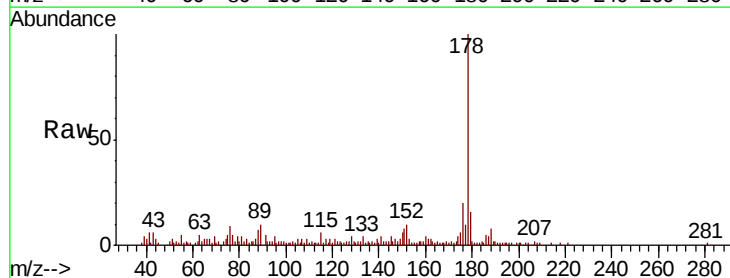
Manual Integrations
APPROVED

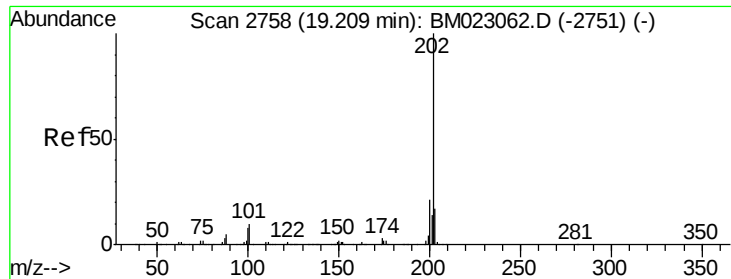
mohammad
10/11/2019 8:28:25 AM



#72
Anthracene
Concen: 1.817 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023067.D
Acq: 09 Oct 2019 04:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	20.2	15.0	22.6





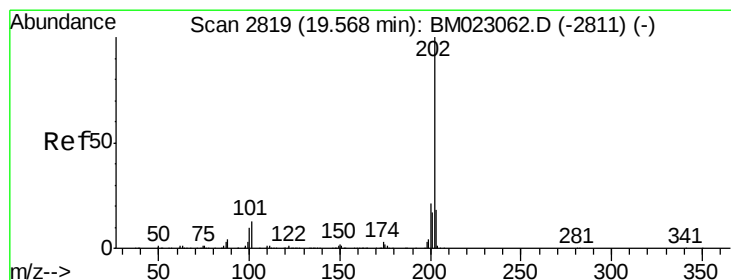
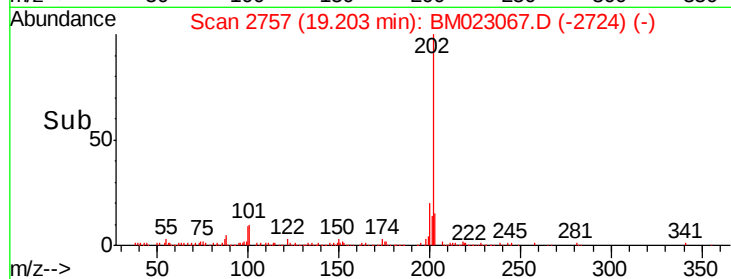
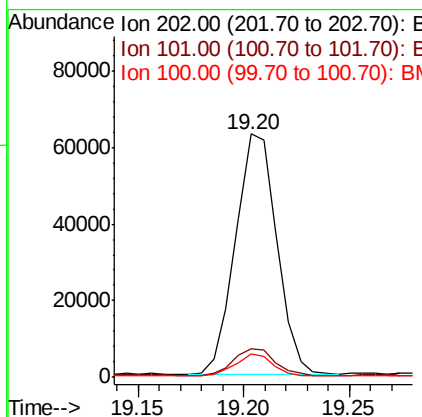
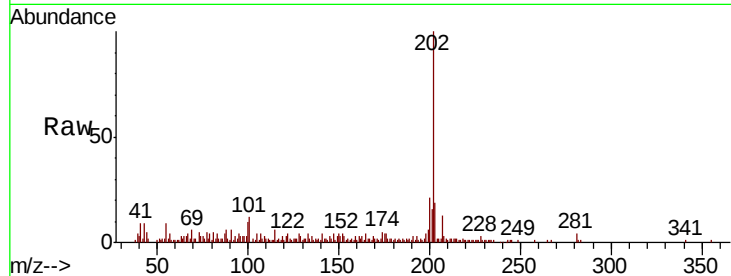
#77
 Fluoranthene
 Concen: 1.497 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023067.D
 Acq: 09 Oct 2019 04:47

Instrument :
 BNA_M
 ClientSampleId :
 BFDK4

Tot Ion:	202	Resp:	85456
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.6	12.8
100	9.6	6.4	9.6#

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:28:25 AM



#80
 Pyrene
 Concen: 1.715 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BM023067.D
 Acq: 09 Oct 2019 04:47

Tgt Ion:	202	Resp:	102931
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.7	14.5
100	10.0	7.8	11.8

