

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
 Data File : BM027347.D
 Acq On : 05 Sep 2020 01:24
 Operator : JU/CG
 Sample : L3843-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 9/8/2020 1:45:55 PM

Quant Time: Sep 05 02:15:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 05 01:38:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	152068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	627936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	477944	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1198107	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1468198	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1450627	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	15162	4.44	ng/uL	0.00
5) Phenol-d5	6.75	99	261996	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	200111	24.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	213658	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	223511	21.87	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	113575	24.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	126081	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	242570	21.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	298505	22.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	970165	25.51	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1041433	24.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	96562	14.42	ng/ul	0.00
58) Fluorene-d10	15.21	176	820462	24.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	107530	14.02	ng/ul	0.00
71) Anthracene-d10	17.06	188	1370488	24.19	ng/ul	0.00
79) Pyrene-d10	19.36	212	1703799	26.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1807514	23.23	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	294878	8.838	ng/ul	97
45) Dimethylphthalate	13.67	163	152267	3.799	ng/ul	99
50) Acenaphthene	14.27	153	441823	14.186	ng/ul	98
54) Dibenzofuran	14.61	168	284875	6.117	ng/ul	97
59) Fluorene	15.26	166	332823	8.315	ng/ul	99
70) Phenanthrene	17.00	178	1779350	25.932	ng/ul	99
72) Anthracene	17.09	178	376898	5.392	ng/ul	99
75) Carbazole	17.36	167	131261	2.218	ng/ul	99
77) Fluoranthene	19.02	202	1492422	17.652	ng/ul	99
80) Pyrene	19.39	202	1025109	11.542	ng/ul	98
83) Benzo(a)anthracene	21.14	228	400991	4.215	ng/ul	99
85) Chrysene	21.19	228	467915	4.978	ng/ul	99
88) Benzo(b)fluoranthene	22.68	252	344007	3.592	ng/ul	97
89) Benzo(k)fluoranthene	22.71	252	99823m	1.040	ng/ul	
91) Benzo(a)pyrene	23.23	252	189945	2.126	ng/ul	99

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

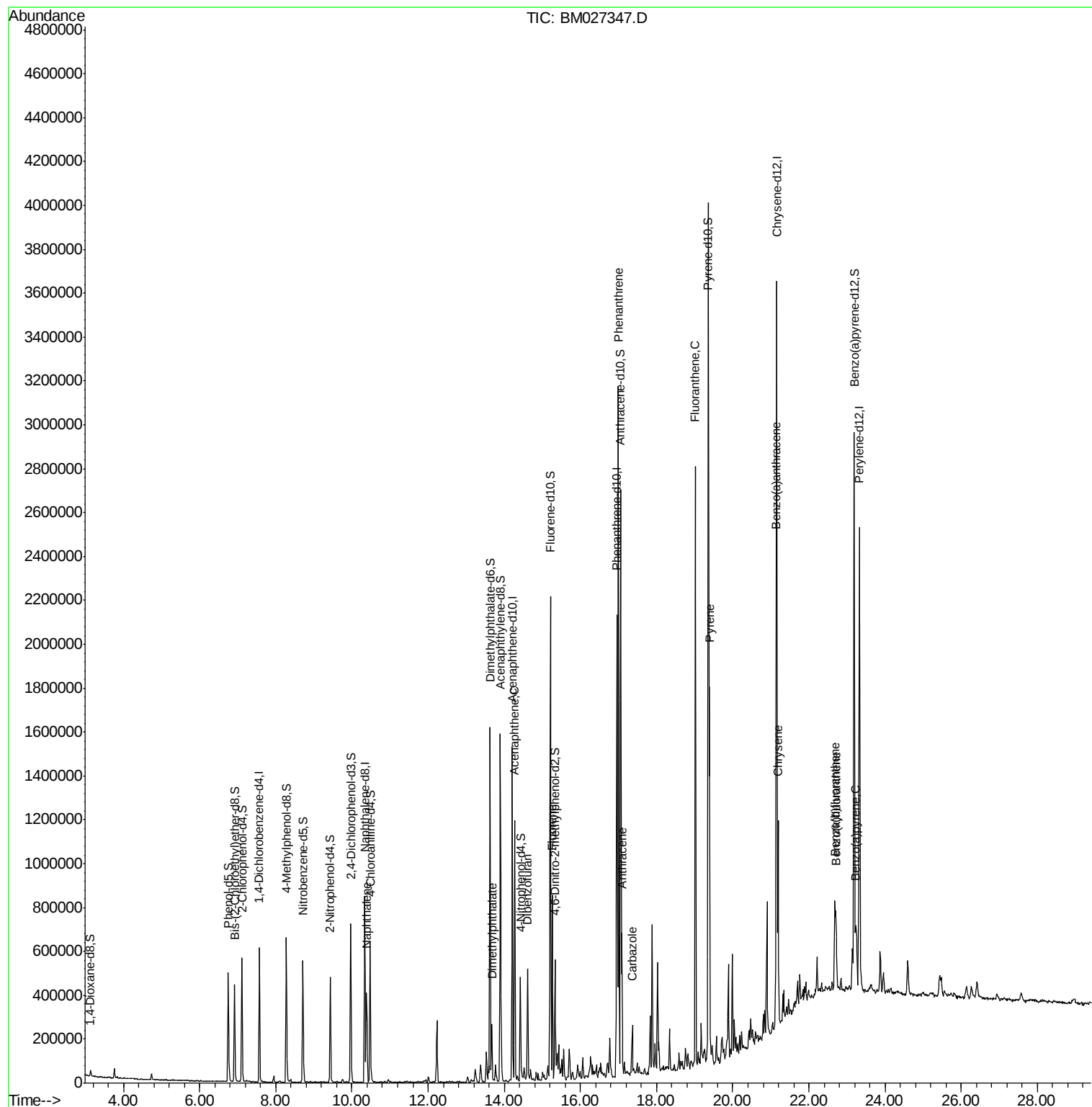
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027347.D
Acq On : 05 Sep 2020 01:24
Operator : JU/CG
Sample : L3843-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

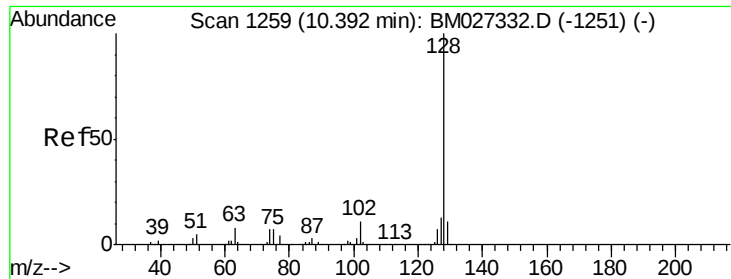
Instrument :
BNA_M
ClientSampled :
C0AC8

Manual Integrations
APPROVED

mohammad
9/8/2020 1:45:55 PM

Quant Time: Sep 05 02:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 05 01:38:08 2020
Response via : Initial Calibration





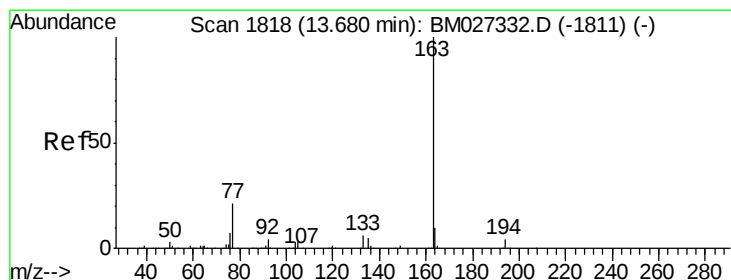
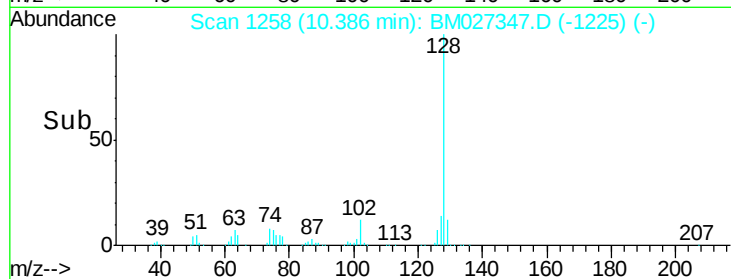
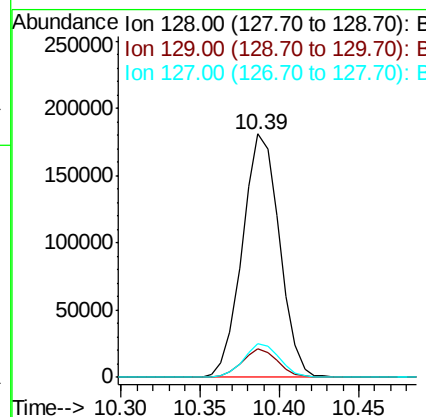
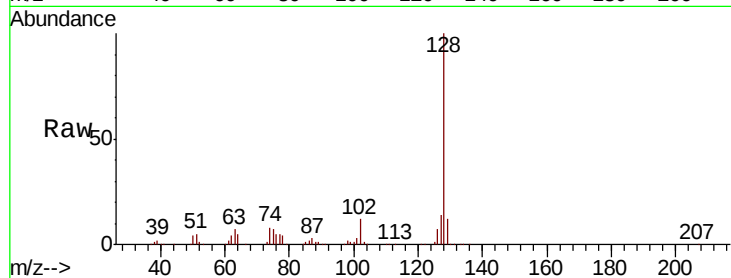
#28
Naphthalene
Concen: 8.838 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.7	10.3	15.5

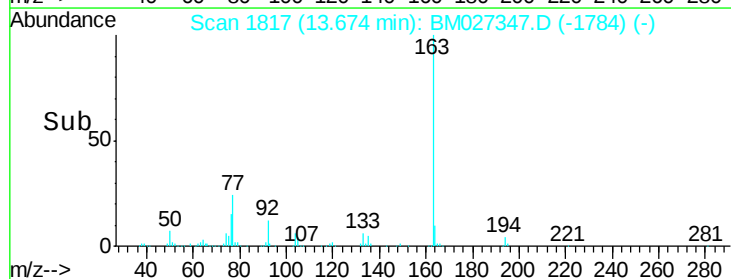
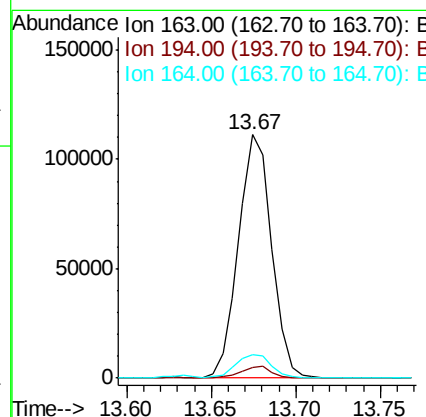
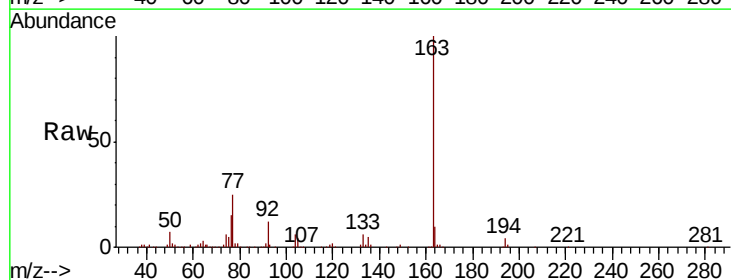
Manual Integrations
APPROVED

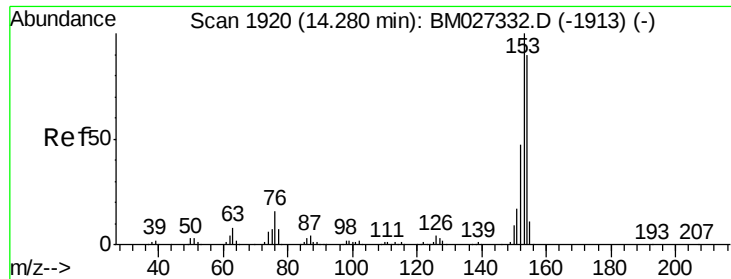
mohammad
9/8/2020 1:45:55 PM



#45
Dimethylphthalate
Concen: 3.799 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.7	8.1	12.1





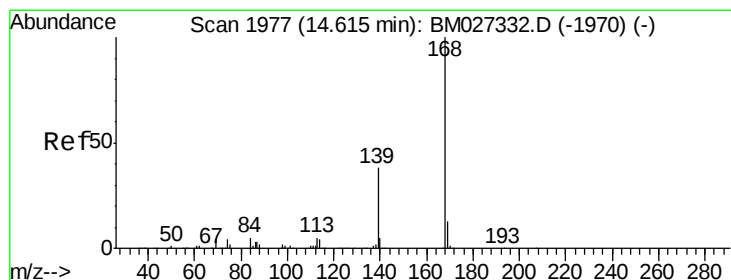
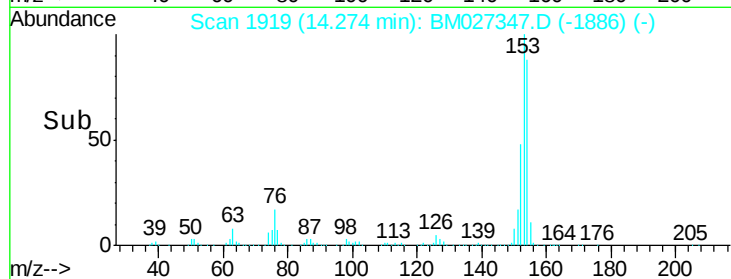
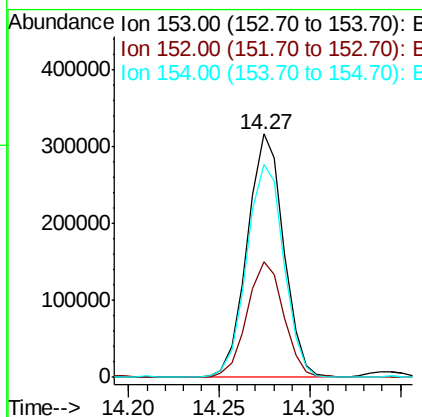
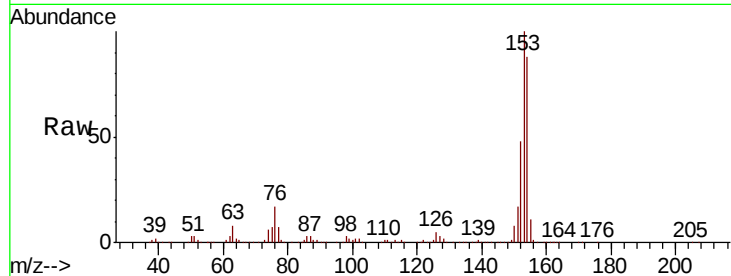
#50
Acenaphthene
Concen: 14.186 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.1	57.1
154	87.7	72.5	108.7

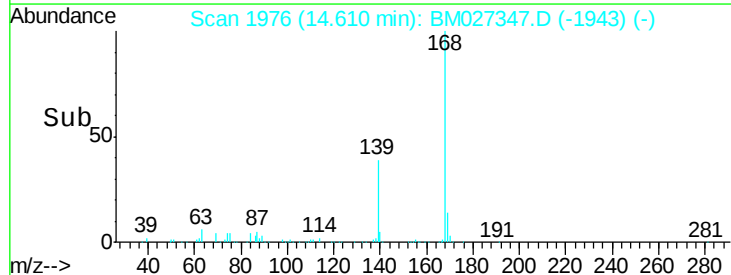
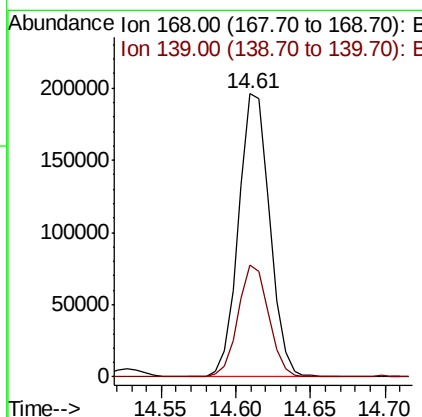
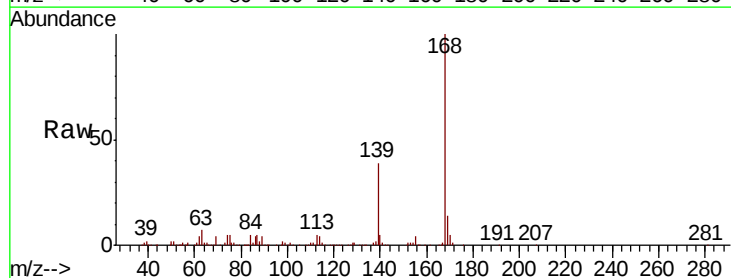
Manual Integrations
APPROVED

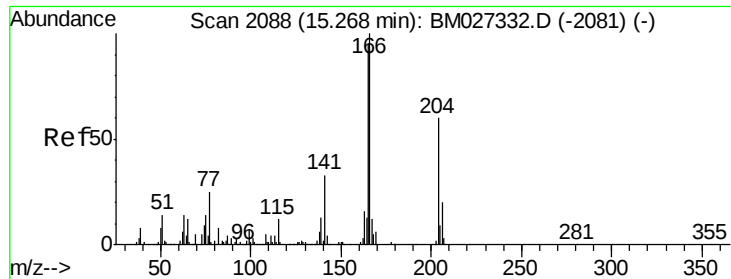
mohammad
9/8/2020 1:45:55 PM



#54
Dibenzofuran
Concen: 6.117 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.3	45.5





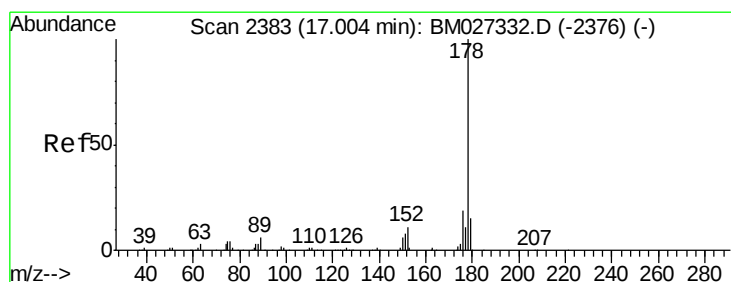
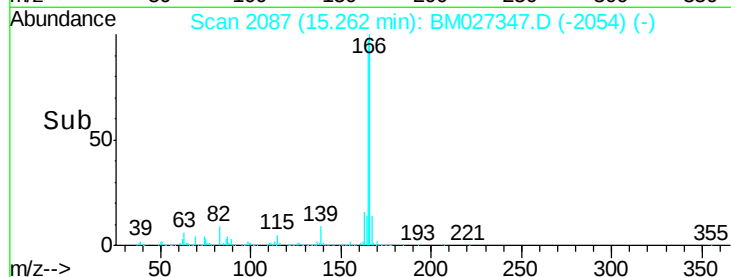
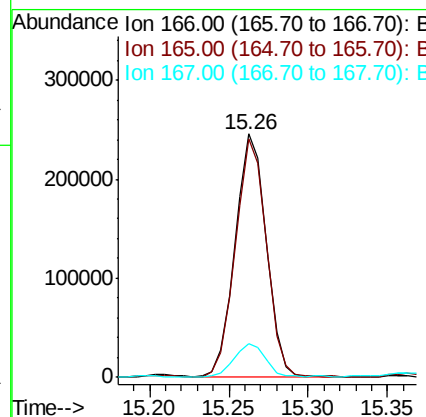
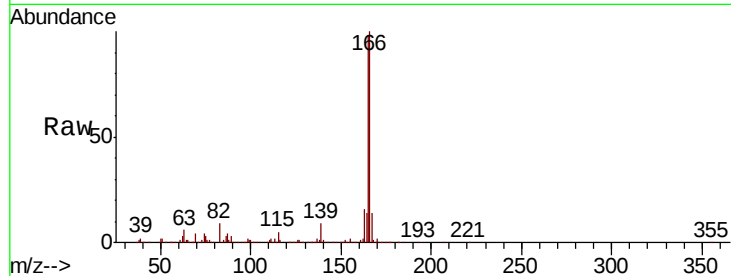
#59
Fluorene
 Concen: 8.315 ng/ul
 RT: 15.26 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	14.1	10.7	16.1

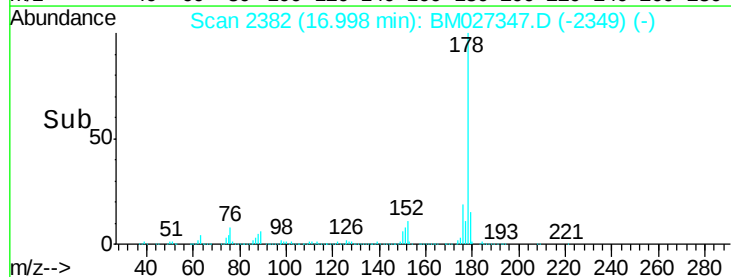
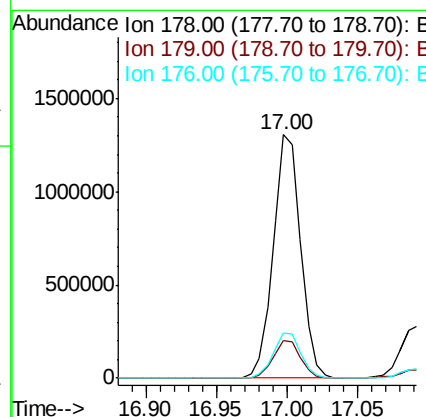
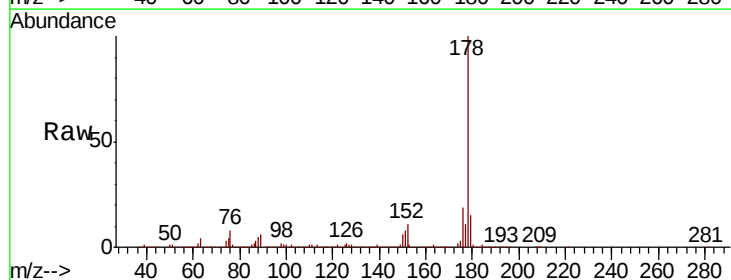
Manual Integrations
APPROVED

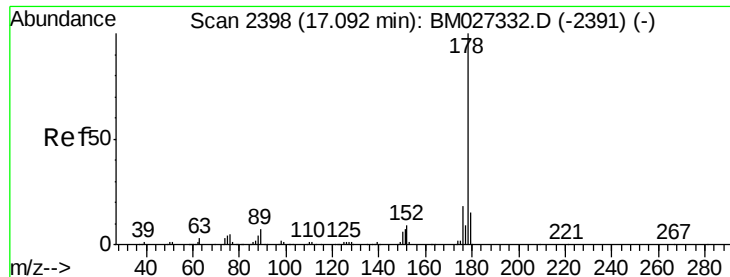
mohammad
 9/8/2020 1:45:55 PM



#70
Phenanthrene
 Concen: 25.932 ng/ul
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.5	15.1	22.7





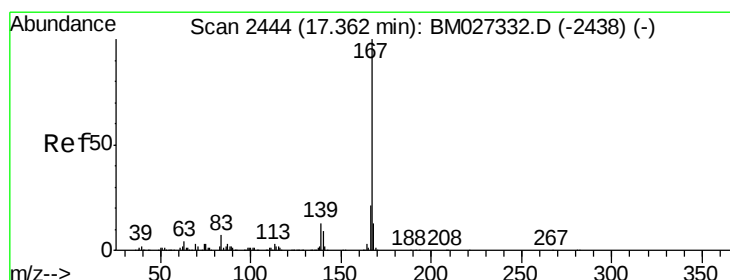
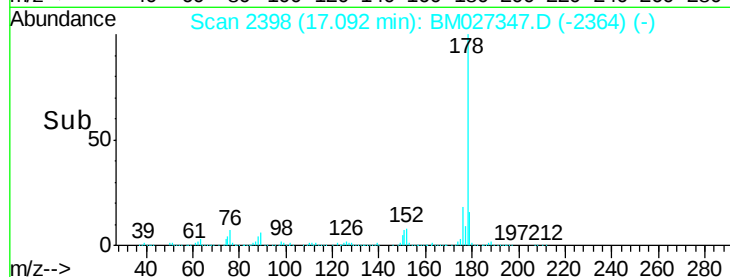
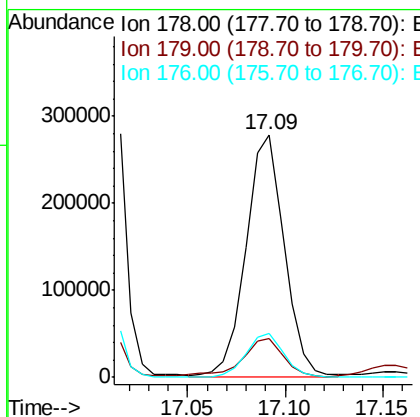
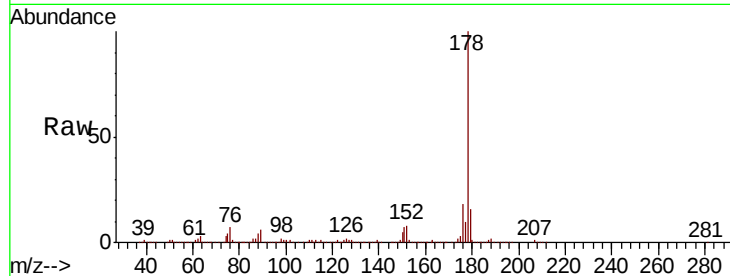
#72
 Anthracene
 Concen: 5.392 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.0	14.6	22.0

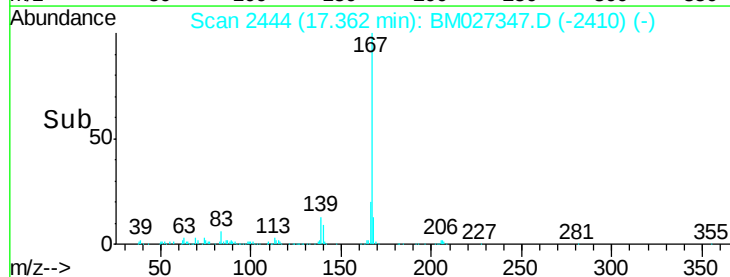
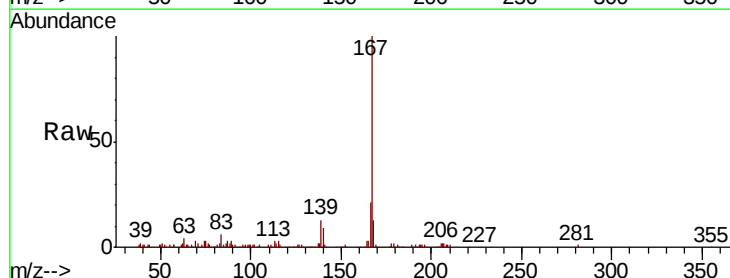
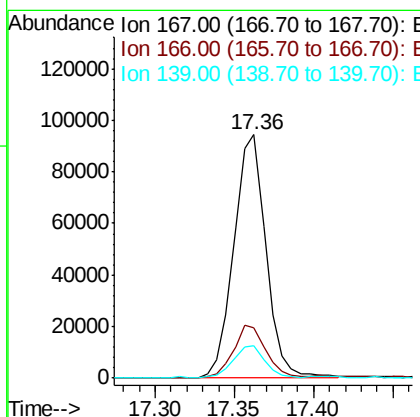
Manual Integrations
 APPROVED

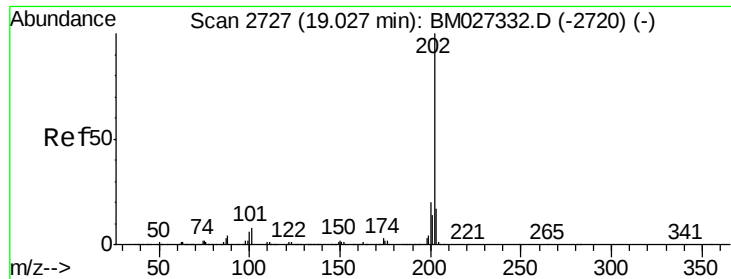
mohammad
 9/8/2020 1:45:55 PM



#75
 Carbazole
 Concen: 2.218 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	13.3	10.1	15.1





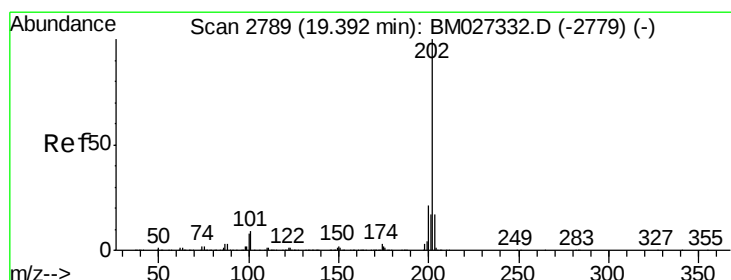
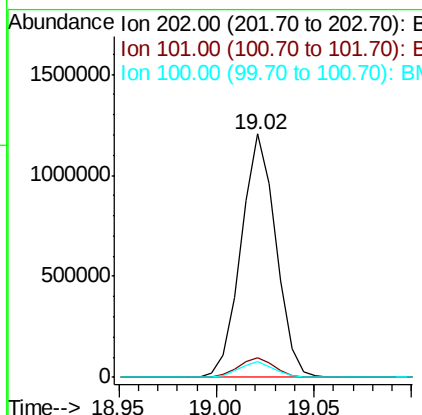
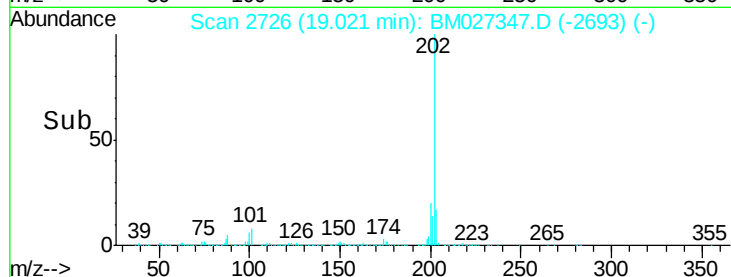
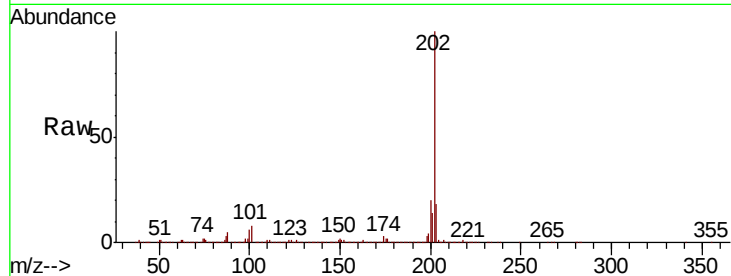
#77
Fluoranthene
 Concen: 17.652 ng/ul
 RT: 19.02 min Scan# 2726
 Delta R.T. -0.01 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion:	202	Resp:	1492422
Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	6.4	5.0	7.6

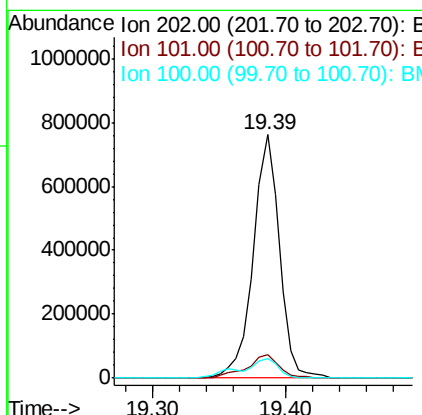
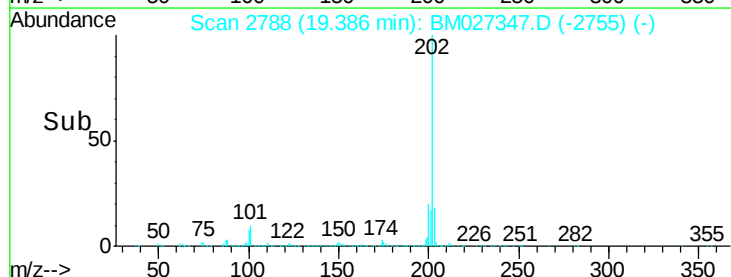
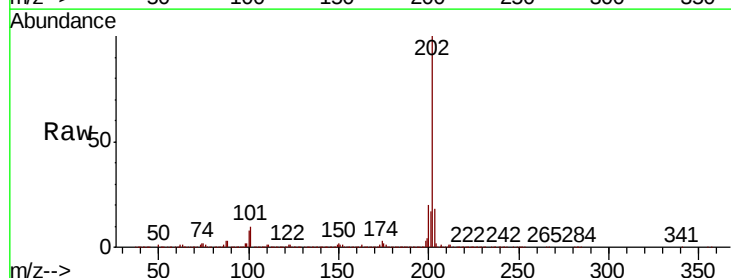
Manual Integrations
 APPROVED

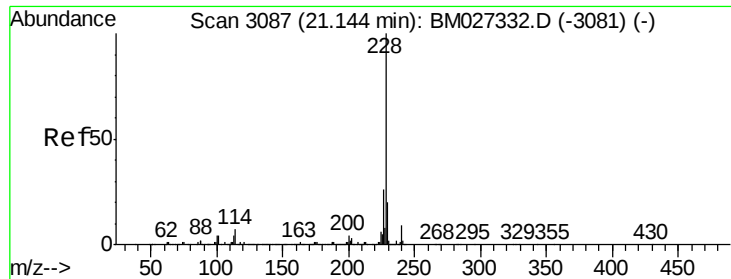
mohammad
 9/8/2020 1:45:55 PM



#80
Pyrene
 Concen: 11.542 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM027347.D
 Acq: 05 Sep 2020 01:24

Tgt Ion:	202	Resp:	1025109
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
100	8.0	6.1	9.1





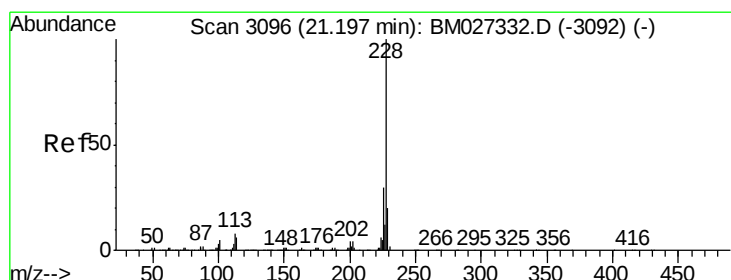
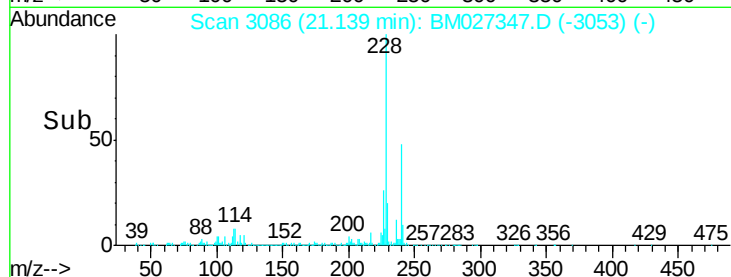
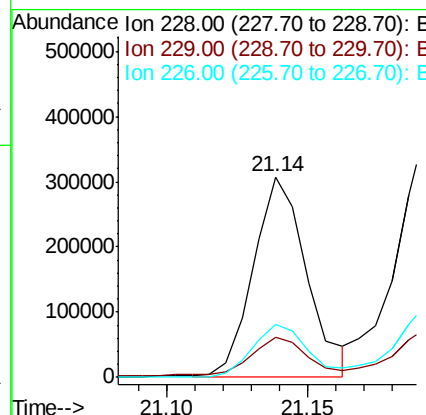
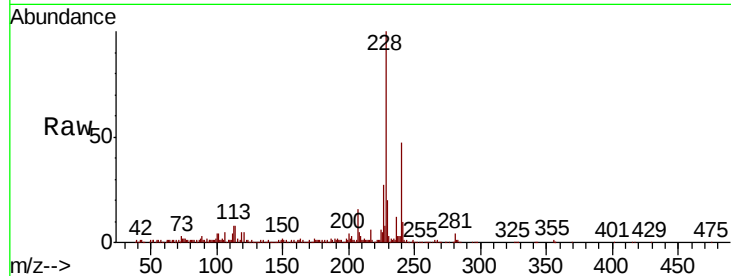
#83
Benzo(a)anthracene
Concen: 4.215 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Instrument :
BNA_M
ClientSampled :
C0AC8

Tot Ion:228	Resp:	400991
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.8 23.6
226	26.6	21.5 32.3

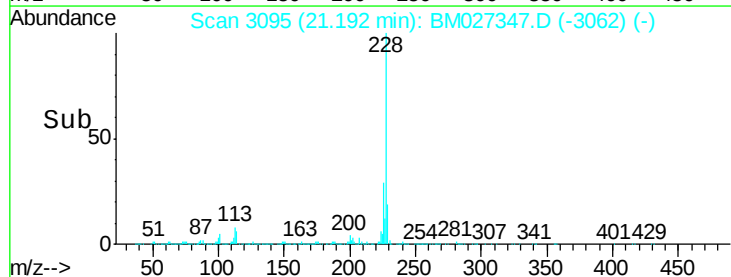
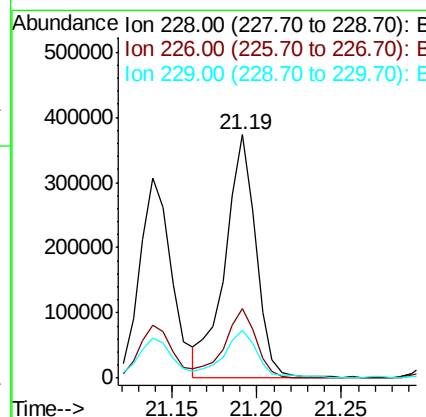
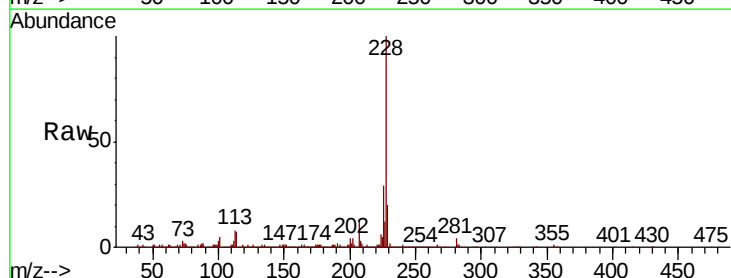
Manual Integrations
APPROVED

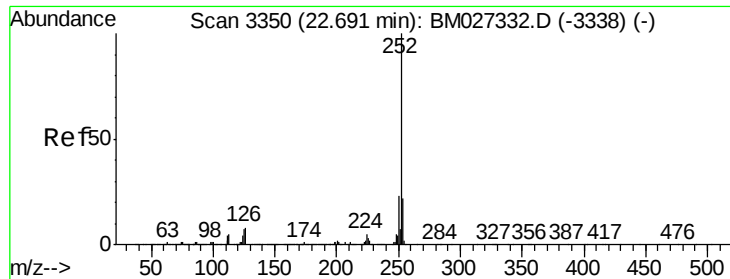
mohammad
9/8/2020 1:45:55 PM



#85
Chrysene
Concen: 4.978 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027347.D
Acq: 05 Sep 2020 01:24

Tgt Ion:228	Resp:	467915
Ion Ratio	Lower	Upper
228	100	
226	28.6	23.4 35.2
229	19.8	15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 3.592 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM027347.D

Acq: 05 Sep 2020 01:24

Instrument :

BNA_M

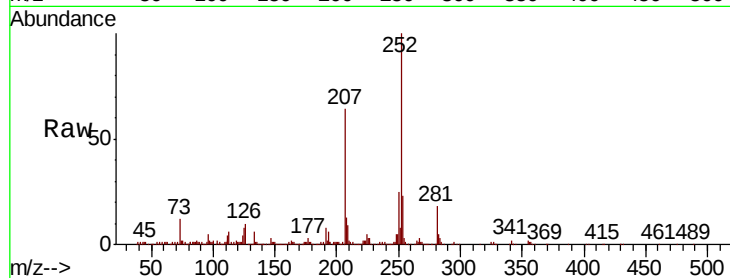
ClientSampleId :

C0AC8

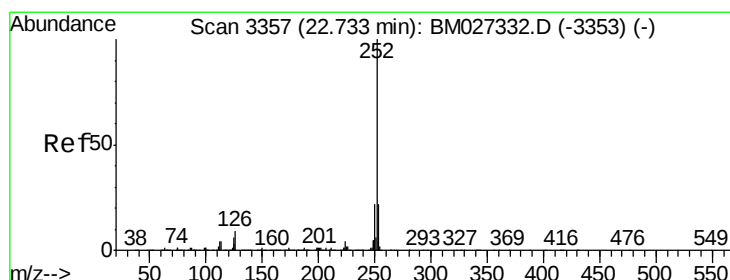
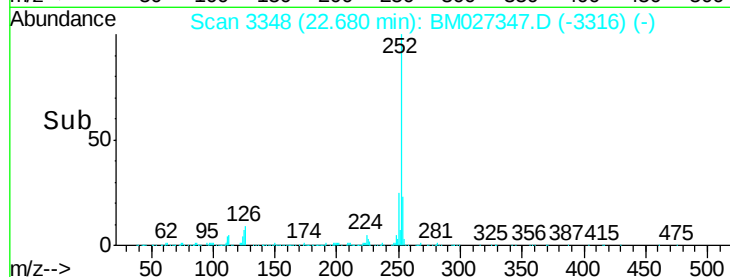
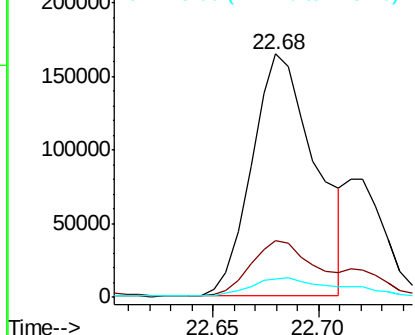
Tot Ion:	252	Resp:	344007
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	7.7	5.1	7.7

Manual Integrations
APPROVED

mohammad
9/8/2020 1:45:55 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 1.040 ng/ul m

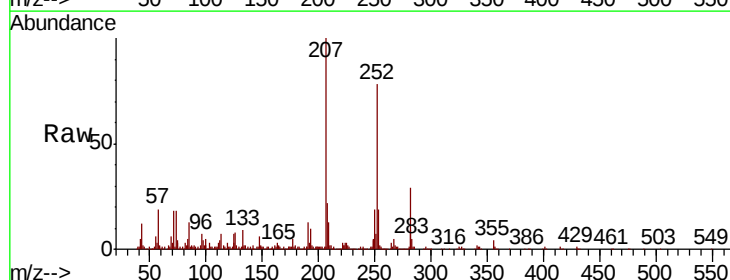
RT: 22.71 min Scan# 3354

Delta R.T. -0.02 min

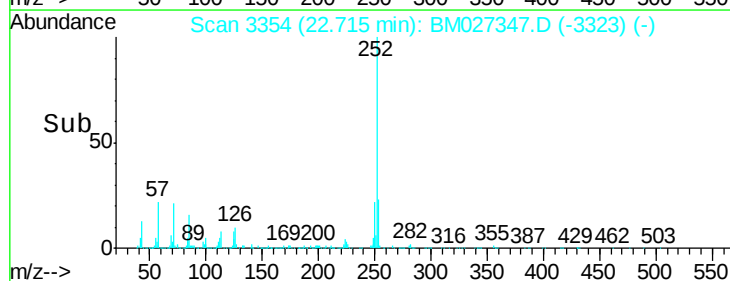
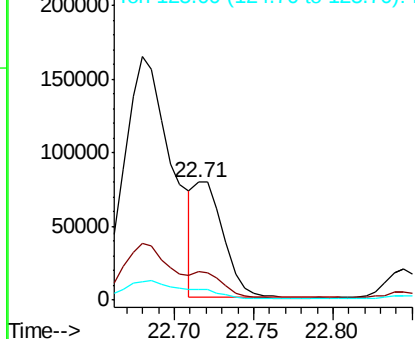
Lab File: BM027347.D

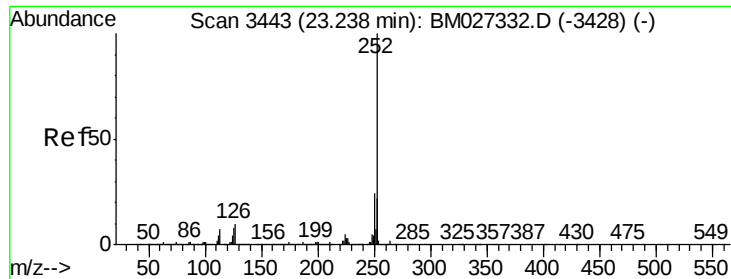
Acq: 05 Sep 2020 01:24

Tgt Ion:	252	Resp:	99823
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	9.1	5.6	8.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.126 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. -0.01 min

Lab File: BM027347.D

Acq: 05 Sep 2020 01:24

Instrument :

BNA_M

ClientSampleId :

C0AC8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.0	6.6	10.0

Manual Integrations
APPROVED

mohammad
9/8/2020 1:45:55 PM

