

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025578.D
 Acq On : 16 Mar 2020 13:57
 Operator : CG/JU
 Sample : L1906-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG5

Manual Integrations
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mohammad
 3/17/2020 3:10:05 PM

Quant Time: Mar 16 14:55:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 16 04:27:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	184584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	796311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	503653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1043633	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1000258	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1179015	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21116	4.80	ng/uL	0.00
5) Phenol-d5	6.82	99	467008	32.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	280647	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	394468	33.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	384726	32.14	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	200703	33.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	217520	34.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	414490	32.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	365816	24.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1279666	33.43	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1577056	34.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	162786	22.34	ng/ul	0.00
58) Fluorene-d10	15.27	176	1134964	33.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	133637	20.99	ng/ul	0.00
71) Anthracene-d10	17.11	188	1688546	34.64	ng/ul	0.00
79) Pyrene-d10	19.41	212	1805993	37.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	2158214	35.75	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.73	163	471404	11.831	ng/ul	99
48) Acenaphthylene	13.99	152	375142	7.553	ng/ul	99
70) Phenanthrene	17.06	178	630920	10.271	ng/ul	99
72) Anthracene	17.14	178	209414	3.345	ng/ul	99
75) Carbazole	17.42	167	56711	1.037	ng/ul	99
77) Fluoranthene	19.07	202	2445800	33.777	ng/ul	99
80) Pyrene	19.44	202	2405819	35.812	ng/ul	99
83) Benzo(a)anthracene	21.19	228	1705688m	25.865	ng/ul	
85) Chrysene	21.24	228	1725132	26.663	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	2889921	39.284	ng/ul	98
89) Benzo(k)fluoranthene	22.78	252	1013810m	13.990	ng/ul	
91) Benzo(a)pyrene	23.30	252	2105168	31.446	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	1605333	18.158	ng/ul	97
93) Dibenzo(a,h)anthracene	25.55	278	405013	5.410	ng/ul#	87
94) Benzo(g,h,i)perylene	26.21	276	1234903	16.948	ng/ul	98

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

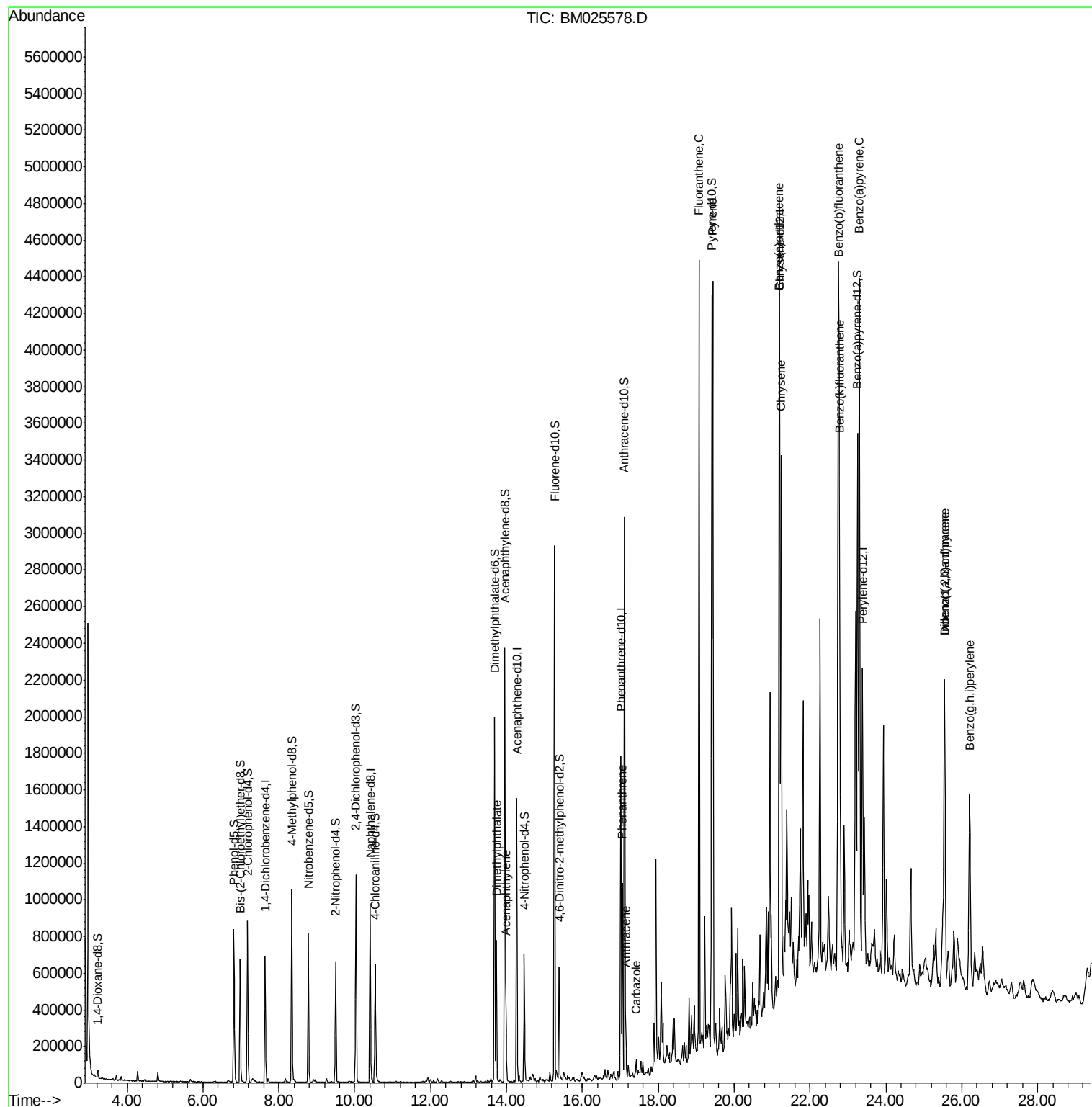
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

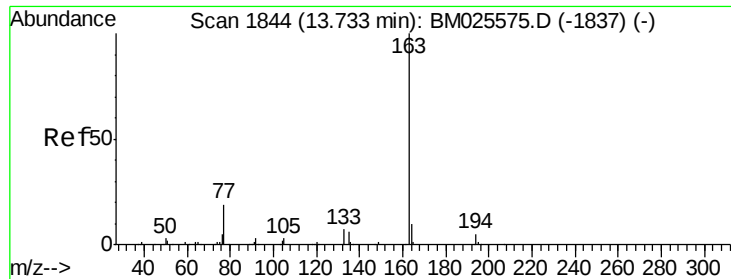
Instrument :
BNA_M
ClientSampleId :
B0AG5

Quant Time: Mar 16 14:55:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

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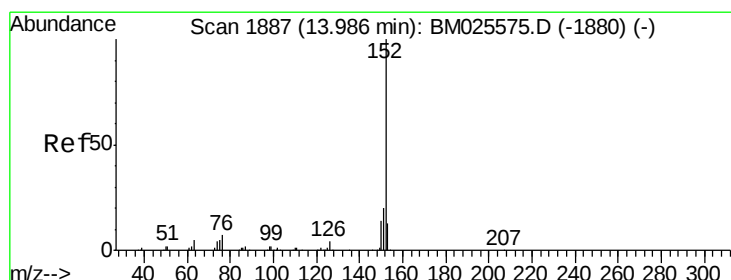
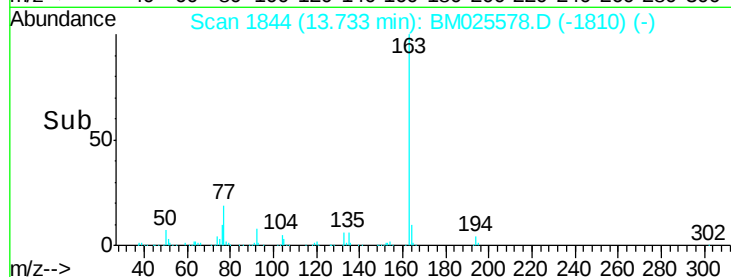
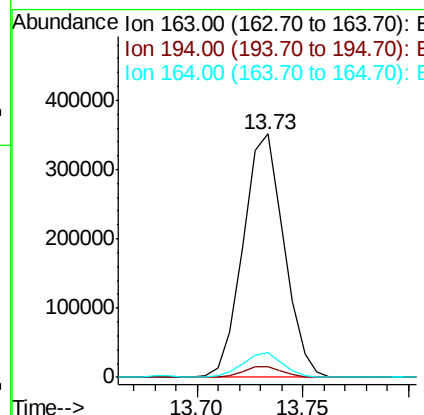
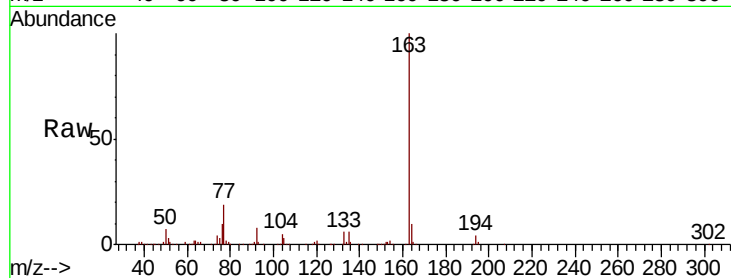
#45
Dimethylphthalate
Concen: 11.831 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
B0AG5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.9	8.2	12.4

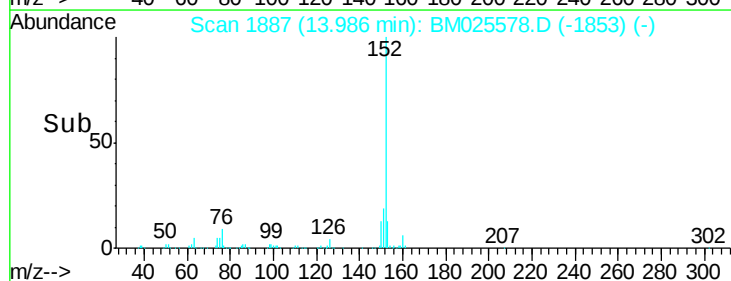
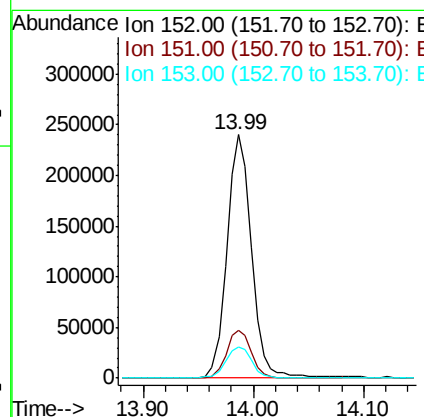
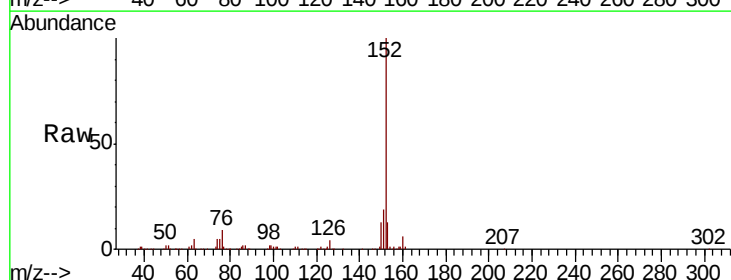
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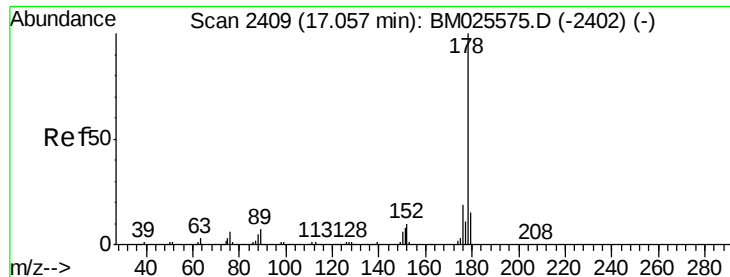
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#48
Acenaphthylene
Concen: 7.553 ng/ul
RT: 13.99 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.5	10.6	16.0





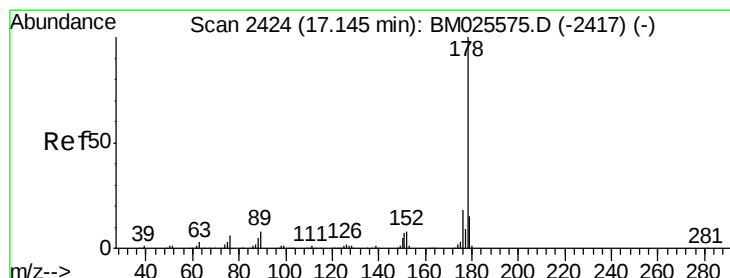
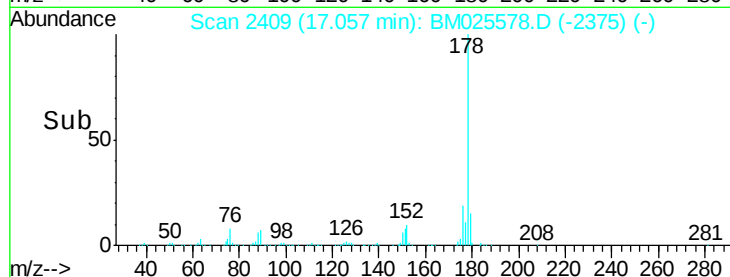
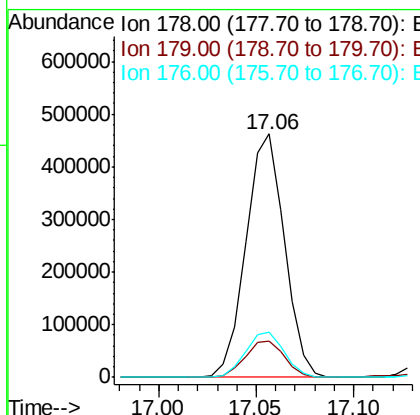
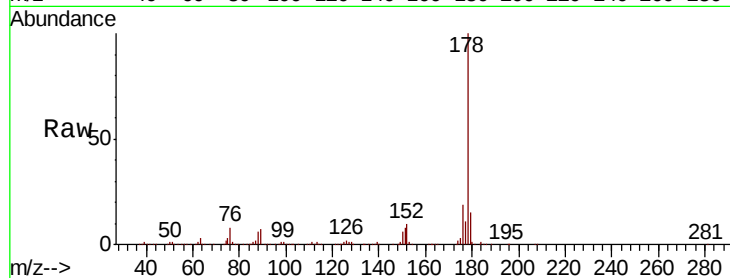
#70
Phenanthrene
Concen: 10.271 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
B0AG5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	18.6	15.3	22.9

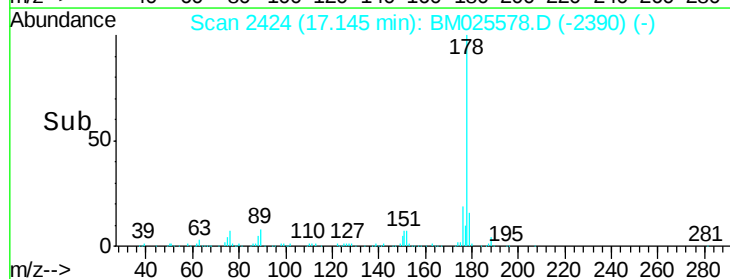
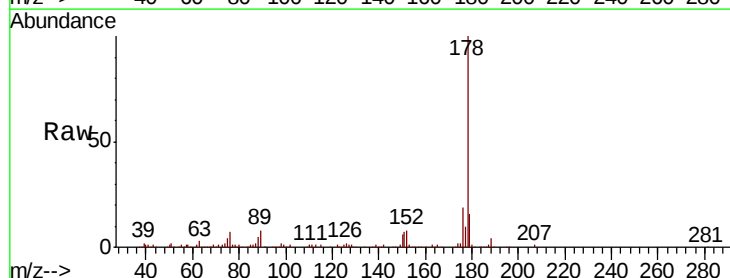
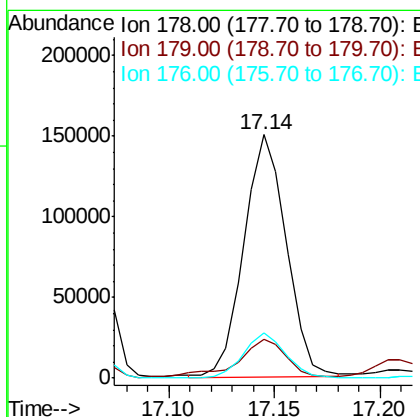
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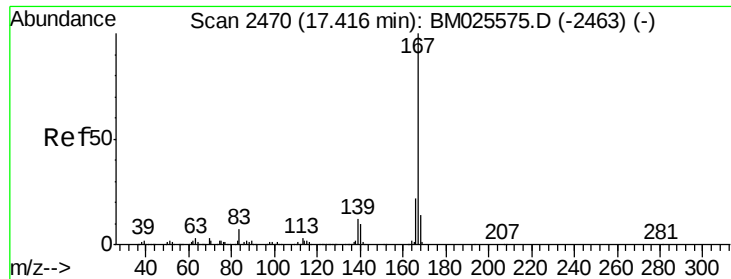
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#72
Anthracene
Concen: 3.345 ng/ul
RT: 17.14 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	18.5	14.5	21.7





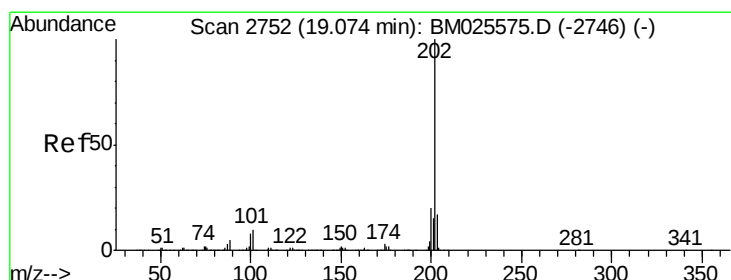
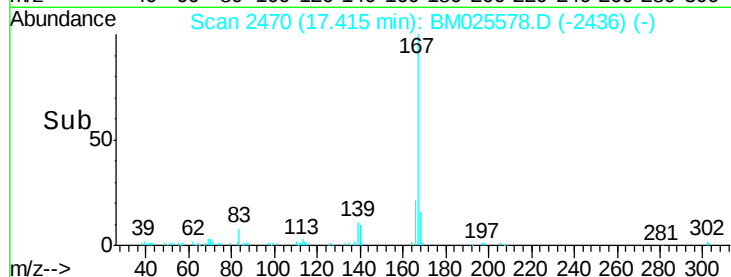
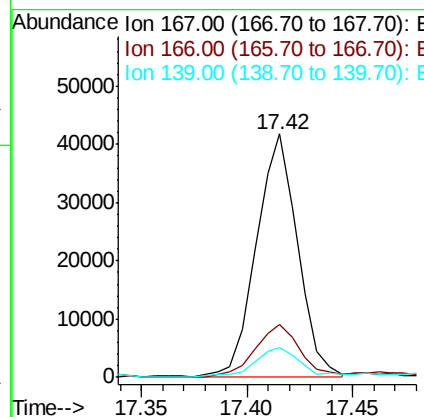
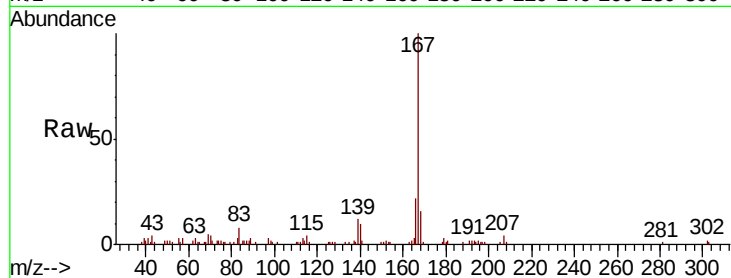
#75
 Carbazole
 Concen: 1.037 ng/ul
 RT: 17.42 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BM025578.D
 Acq: 16 Mar 2020 13:57

Instrument :
 BNA_M
 ClientSampleId :
 B0AG5

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.7	25.1
139	12.2	9.8	14.8

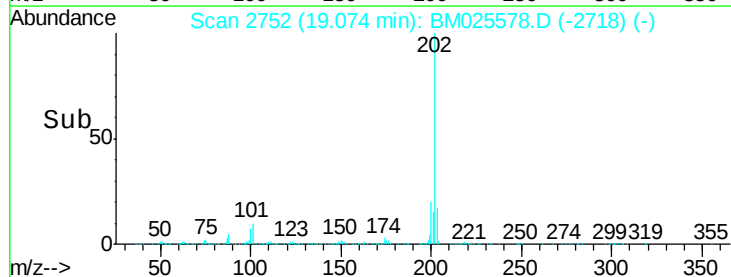
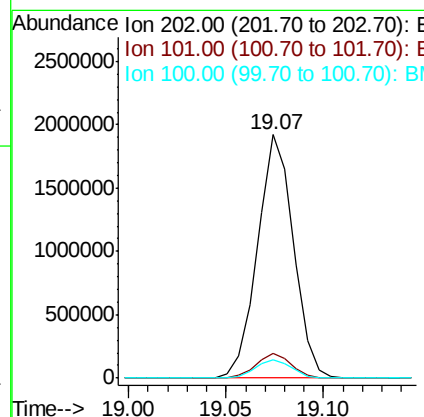
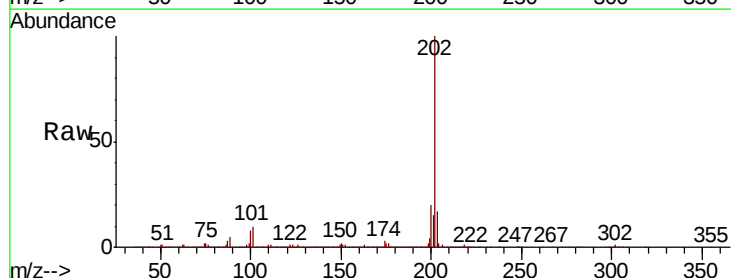
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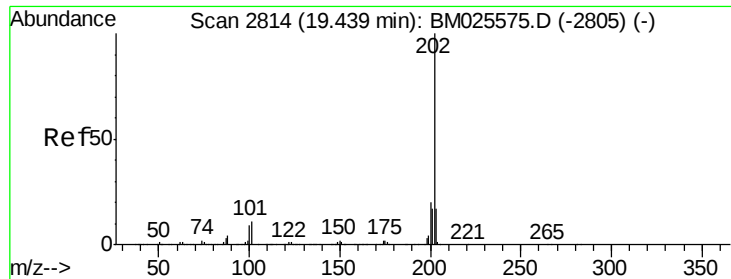
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#77
 Fluoranthene
 Concen: 33.777 ng/ul
 RT: 19.07 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BM025578.D
 Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.4
100	7.6	6.5	9.7





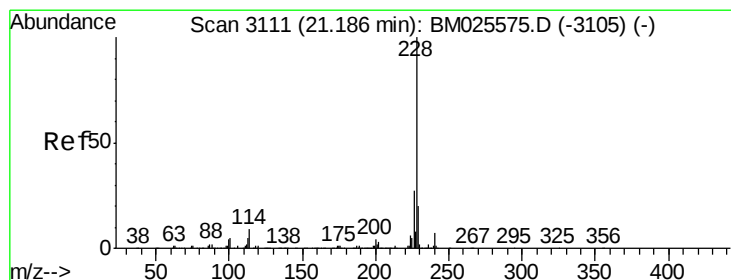
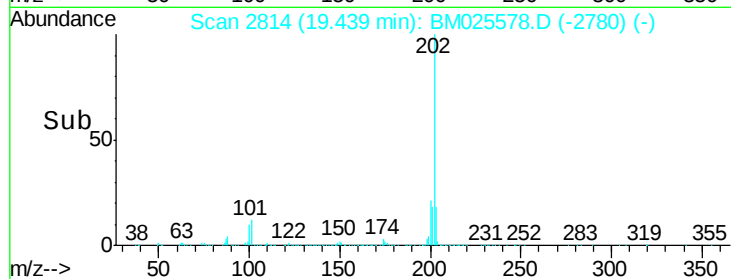
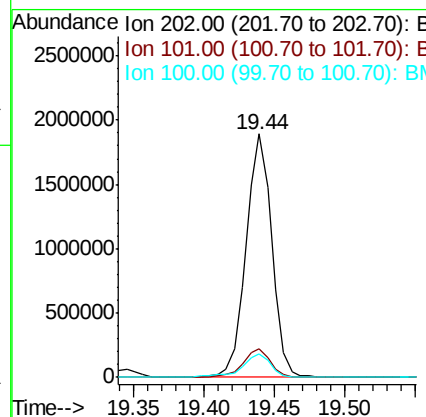
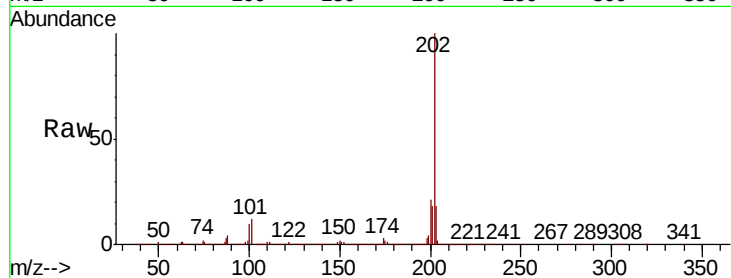
#80
Pvrene
Concen: 35.812 ng/ul
RT: 19.44 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
B0AG5

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	9.8	7.5	11.3

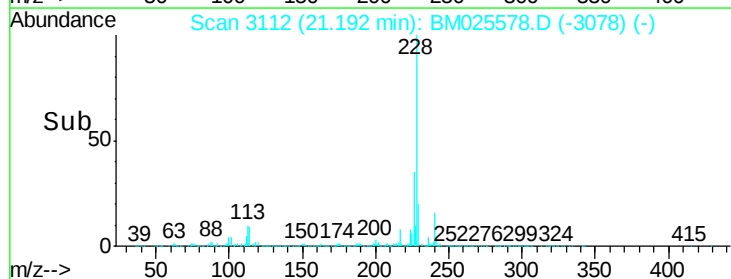
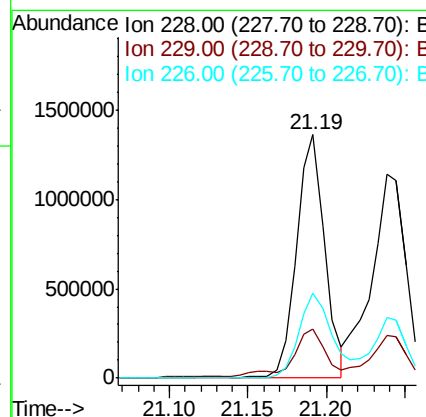
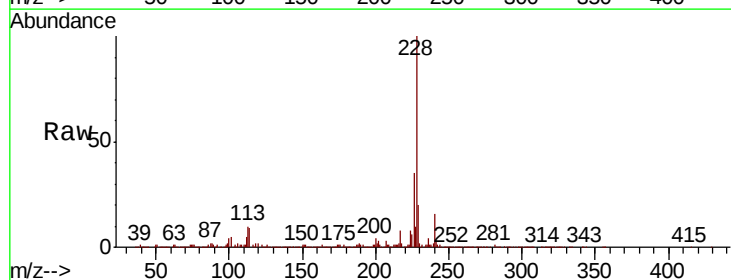
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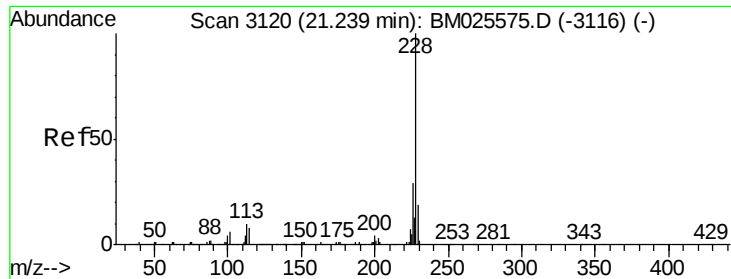
mohammad
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#83
Benzo(a)anthracene
Concen: 25.865 ng/ul m
RT: 21.19 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	35.0	21.0	31.6





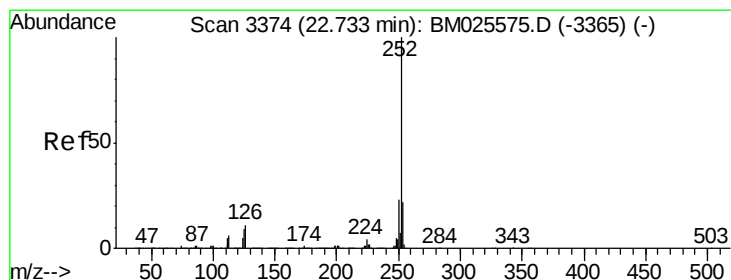
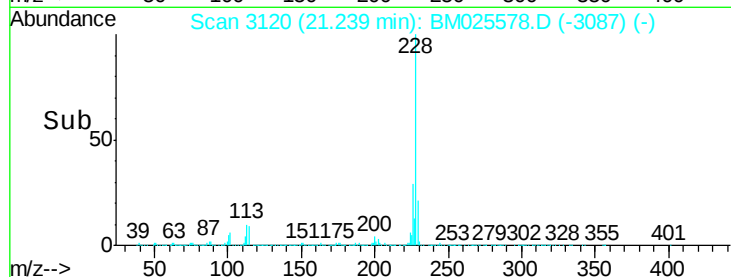
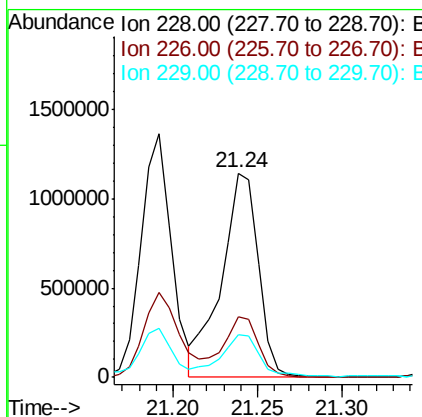
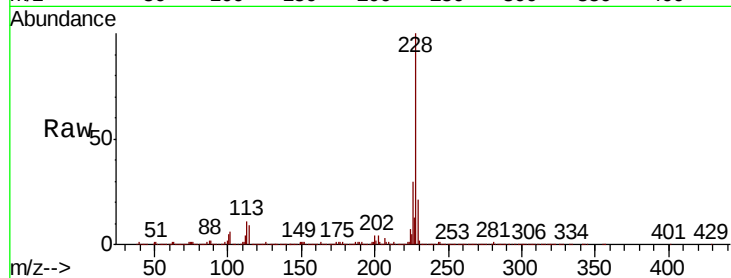
#85
Chrysene
Concen: 26.663 ng/ul
RT: 21.24 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
B0AG5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.2	15.6	23.4

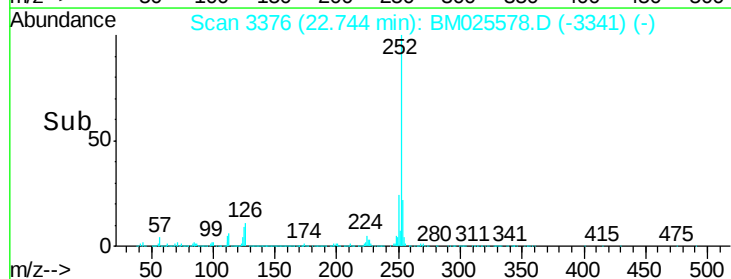
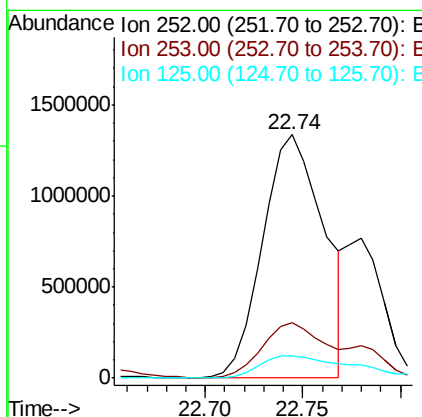
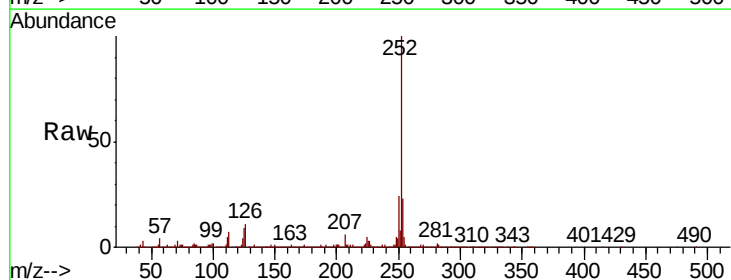
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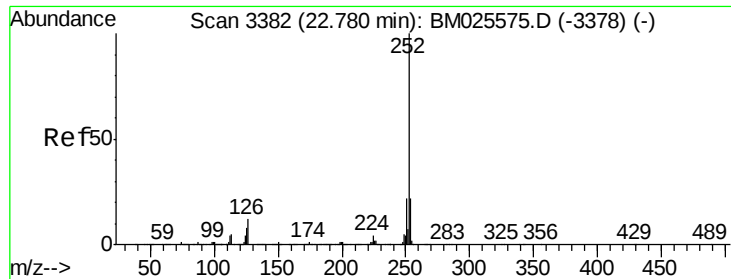
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.284 ng/ul
RT: 22.74 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.0	6.7	10.1





#89

Benzo(k)fluoranthene

Concen: 13.990 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM025578.D

Acq: 16 Mar 2020 13:57

Instrument :

BNA_M

ClientSampled :

B0AG5

Tot Ion:252 Resp: 1013810

Ion Ratio Lower Upper

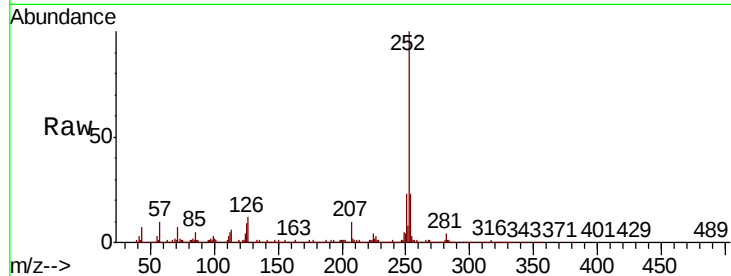
252 100

253 22.9 17.7 26.5

125 9.2 6.9 10.3

Manual Integrations
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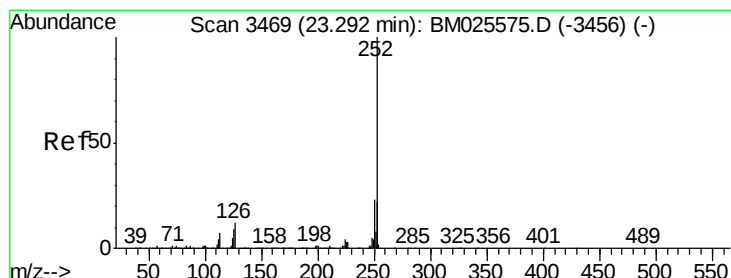
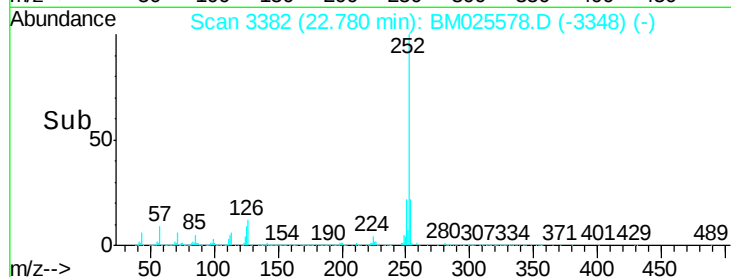
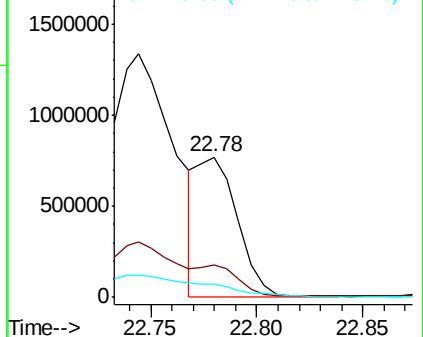
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 31.446 ng/ul

RT: 23.30 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BM025578.D

Acq: 16 Mar 2020 13:57

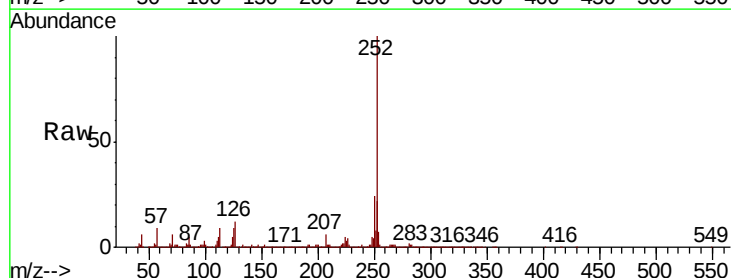
Tgt Ion:252 Resp: 2105168

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

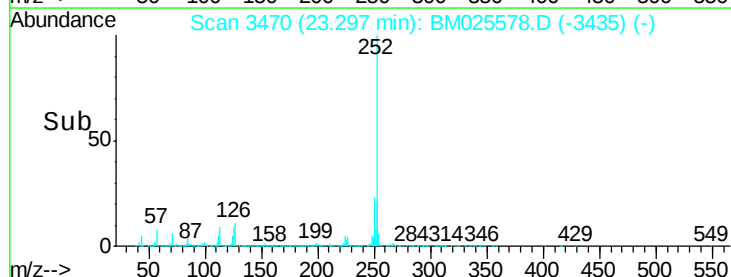
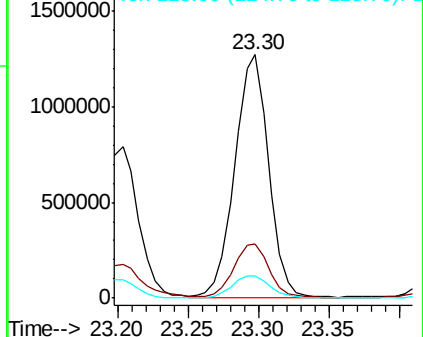
125 9.1 7.1 10.7

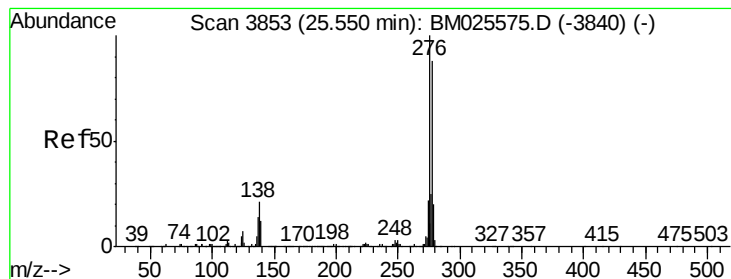


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

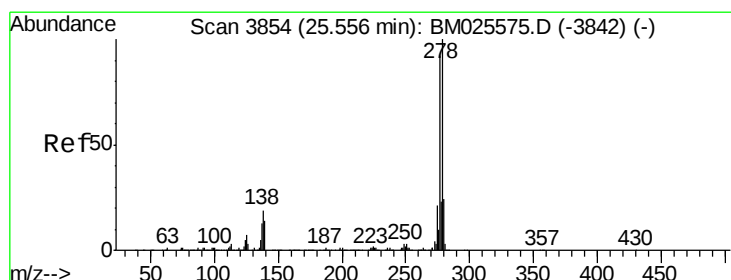
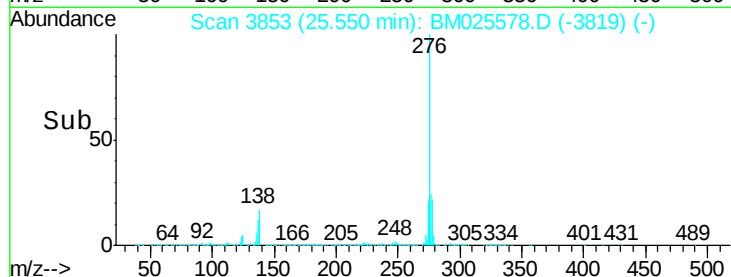
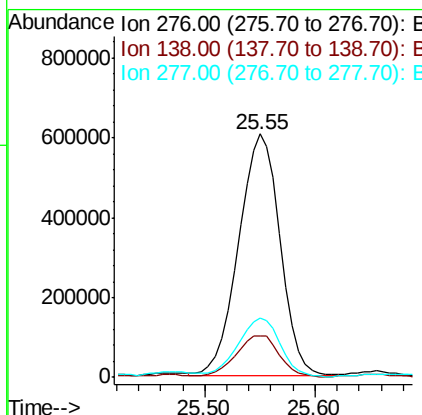
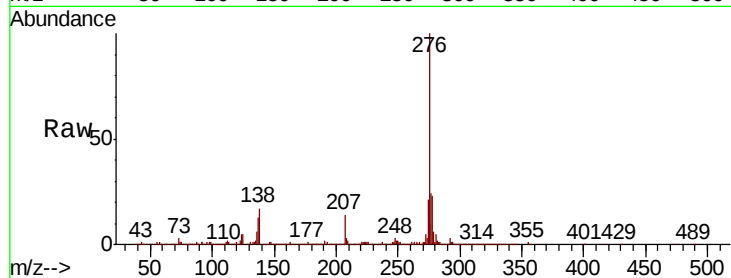
Indeno(1,2,3-cd)pyrene
Concen: 18.158 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. -0.00 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
B0AG5

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.5	24.7
277	24.4	19.7	29.5

Manual Integrations
APPROVED

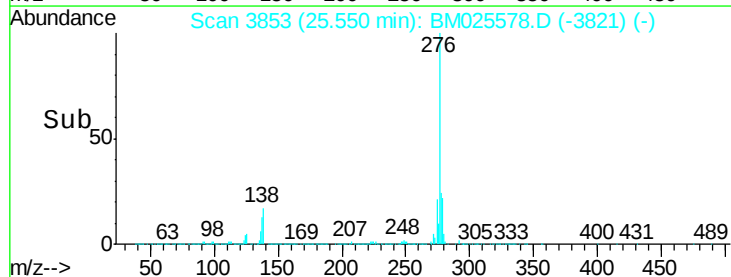
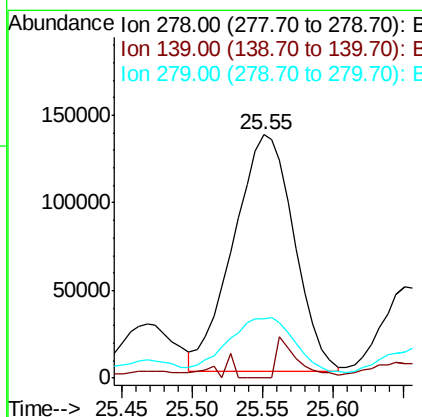
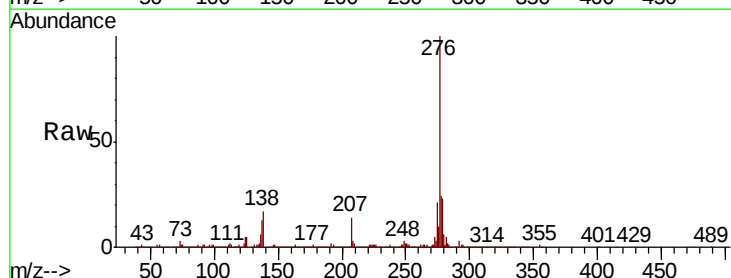
mohammad
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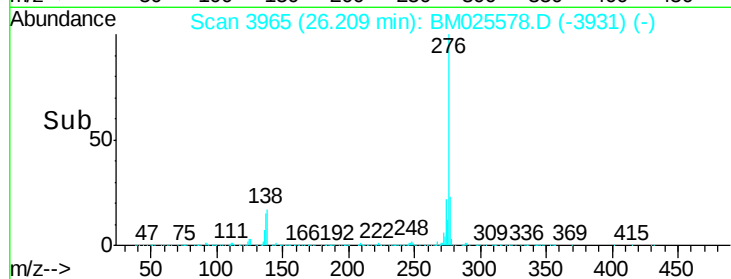
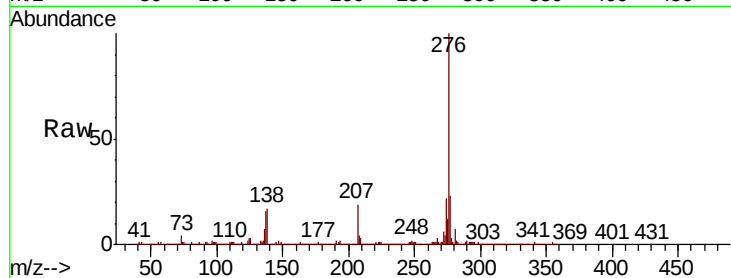
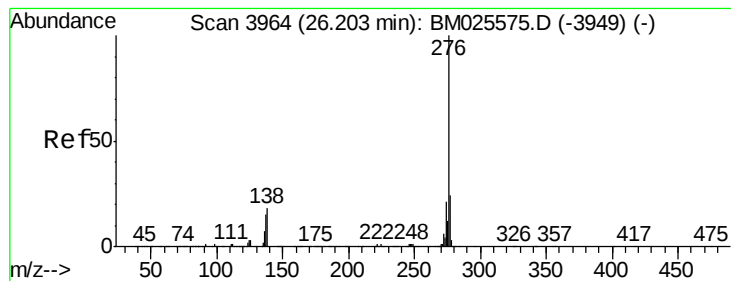


#93

Dibenzo(a,h)anthracene
Concen: 5.410 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM025578.D
Acq: 16 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	24.3	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 16.948 ng/ul

RT: 26.21 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM025578.D

Acq: 16 Mar 2020 13:57

Tot Ion:	276	Resp:	1234903
Ion Ratio	Lower	Upper	
276	100		
138	17.5	13.2	19.8
277	23.0	19.0	28.4

Instrument :

BNA_M

ClientSampleId :

B0AG5

Manual Integrations
APPROVED

mohammad
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