

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026987.D
 Acq On : 03 Aug 2020 20:26
 Operator : JU/CG
 Sample : L3424-06DL 25X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0S81DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:21 AM

Quant Time: Aug 04 04:40:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 10:21:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	106852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	433775	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	531832	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	515532	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	505992	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	353m	0.15	ng/uL	0.01
5) Phenol-d5	6.83	99	8921	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6415	1.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6780	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7535	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3380	1.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	3442	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	6571	0.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2209	0.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	20832	1.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	26454	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1760	0.52	ng/ul	0.00
58) Fluorene-d10	15.29	176	18059	1.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1399	0.59	ng/ul	0.00
71) Anthracene-d10	17.13	188	31350m	1.18	ng/ul	0.00
79) Pyrene-d10	19.43	212	31100	1.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	31878	1.12	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	14.01	152	72551	2.787	ng/ul 98
70) Phenanthrene	17.07	178	67127	2.079	ng/ul 98
72) Anthracene	17.16	178	184846	5.571	ng/ul 97
75) Carbazole	17.43	167	30060	1.025	ng/ul 96
77) Fluoranthene	19.09	202	516776	13.558	ng/ul 99
80) Pyrene	19.46	202	715466	19.075	ng/ul 97
83) Benzo(a)anthracene	21.21	228	368589m	10.373	ng/ul
85) Chrysene	21.26	228	500981	14.458	ng/ul 97
88) Benzo(b)fluoranthene	22.77	252	1259249	34.789	ng/ul 99
89) Benzo(k)fluoranthene	22.81	252	390545m	11.244	ng/ul
91) Benzo(a)pyrene	23.33	252	403350	12.349	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.63	276	418415	10.326	ng/ul# 94
93) Dibenzo(a,h)anthracene	25.64	278	110691m	3.230	ng/ul
94) Benzo(g,h,i)perylene	26.30	276	118113	3.525	ng/ul 98

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

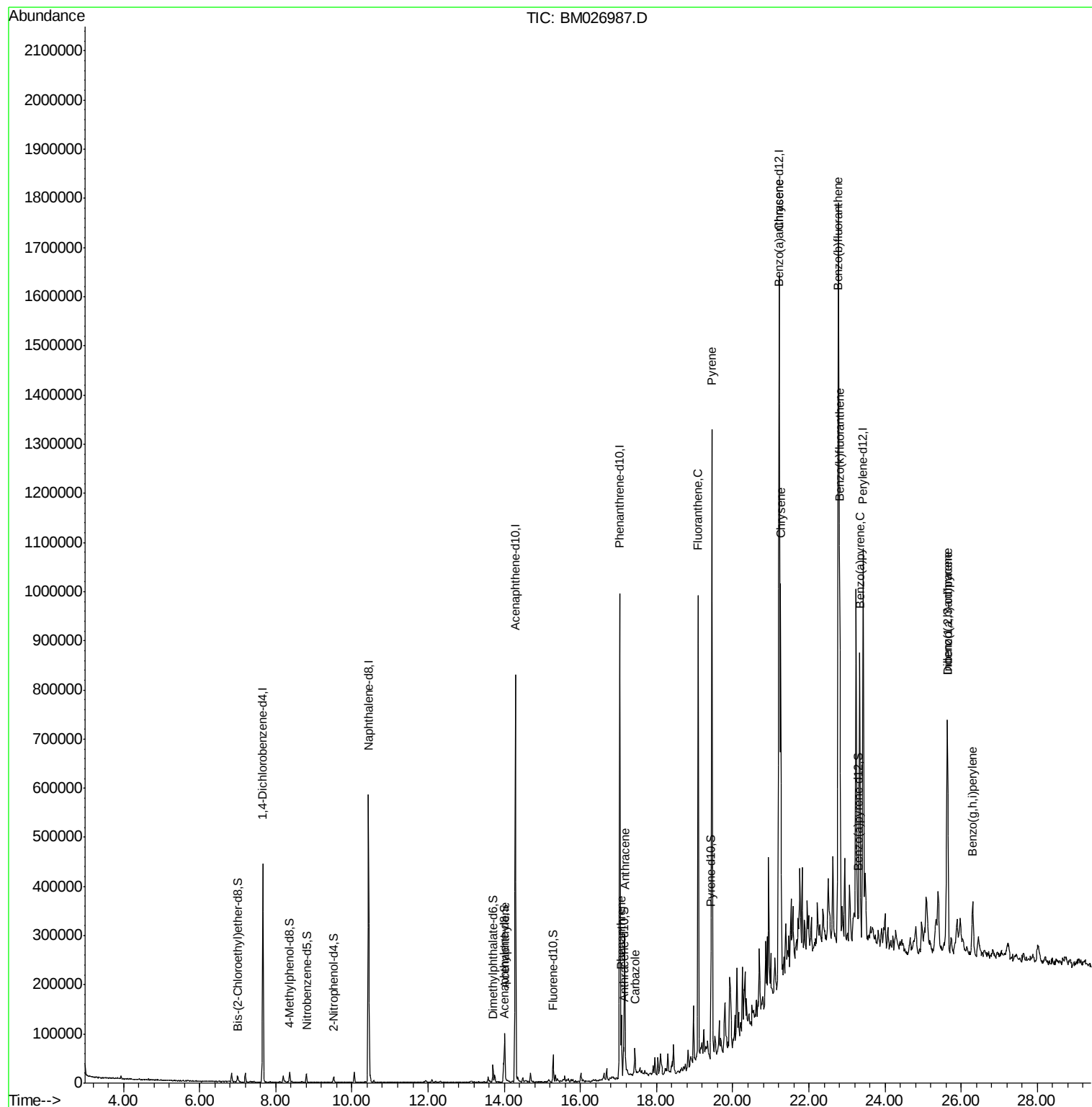
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

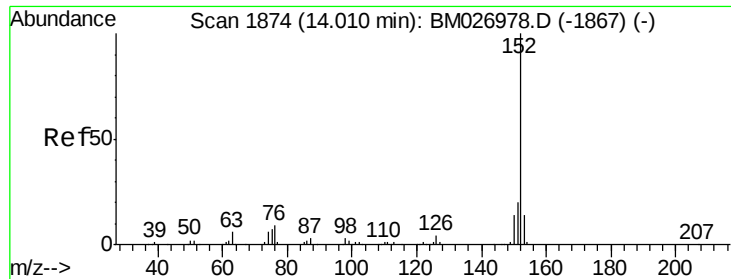
Instrument :
BNA_M
ClientSampleId :
C0S81DL

Manual Integrations
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Quant Time: Aug 04 04:40:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration





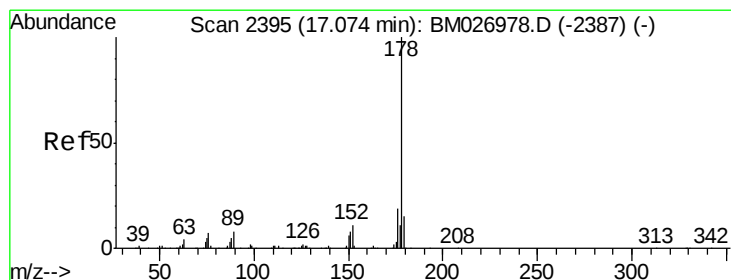
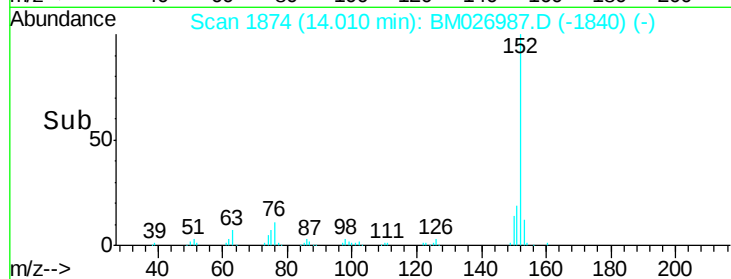
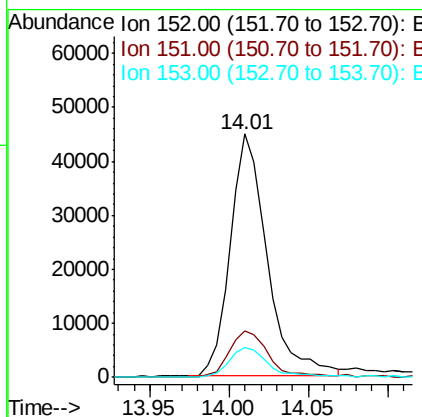
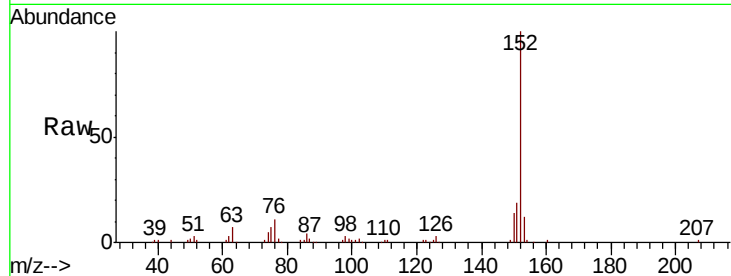
#48
Acenaphthylene
Concen: 2.787 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tot Ion:	152	Resp:	72551
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.8	23.6
153	12.4	10.7	16.1

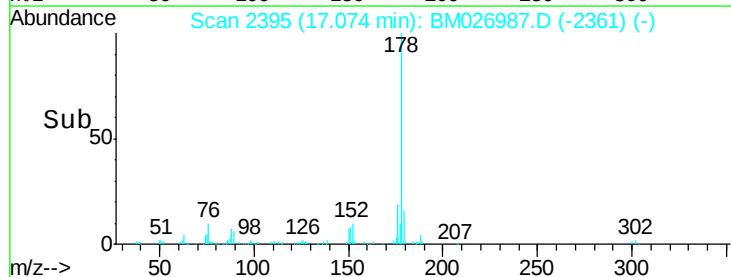
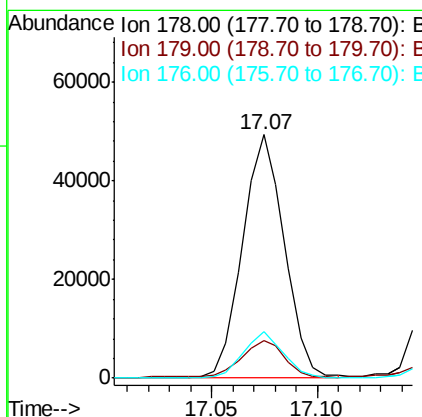
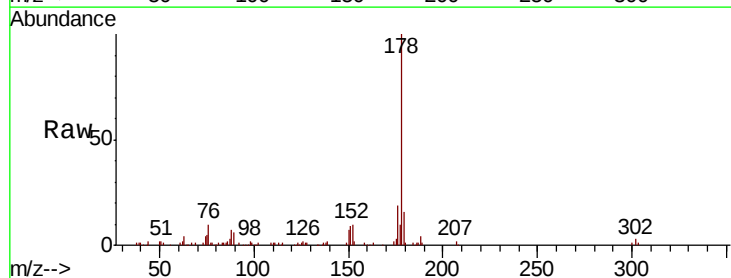
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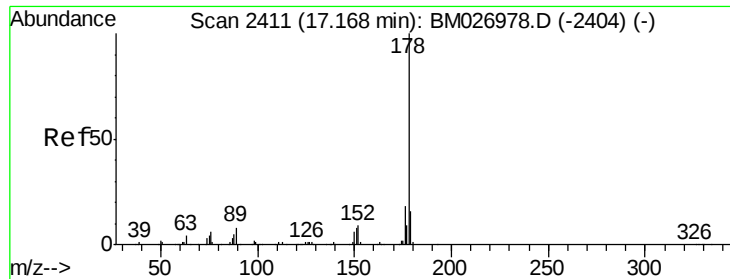
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#70
Phenanthrene
Concen: 2.079 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:	178	Resp:	67127
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.0	18.0
176	19.1	14.7	22.1





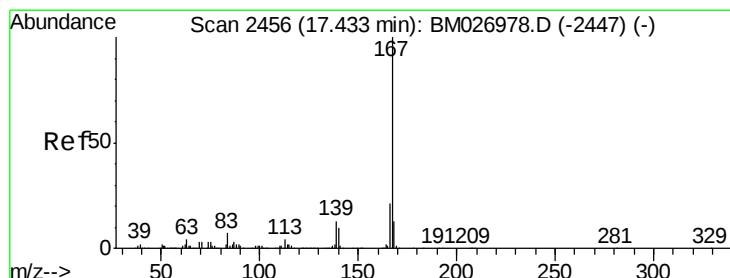
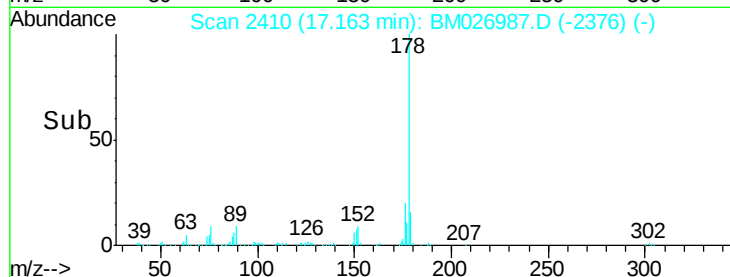
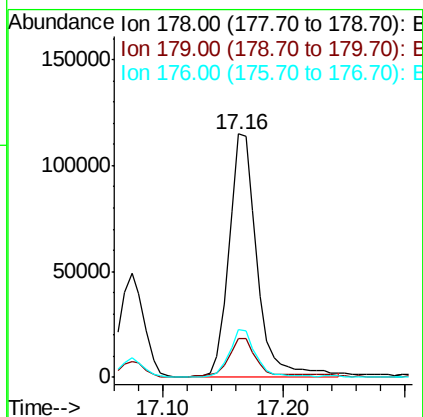
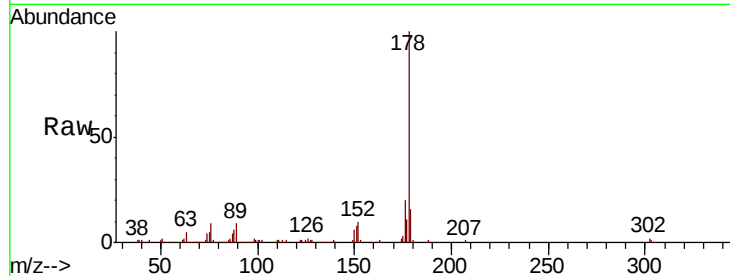
#72
 Anthracene
 Concen: 5.571 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BM026987.D
 Acq: 03 Aug 2020 20:26

Instrument :
 BNA_M
 ClientSampleID :
 C0S81DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	19.6	15.0	22.6

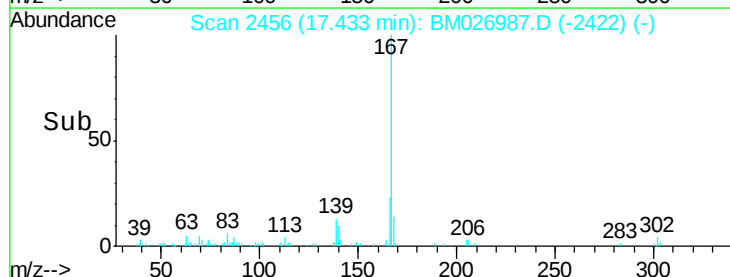
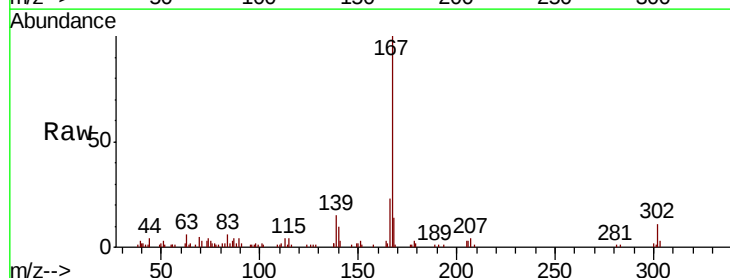
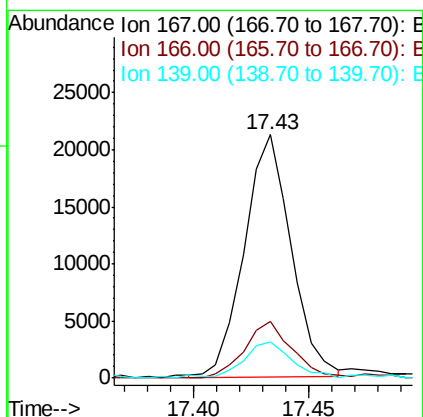
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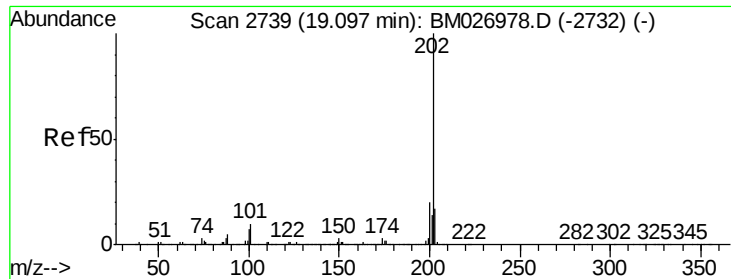
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#75
 Carbazole
 Concen: 1.025 ng/ul
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BM026987.D
 Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.1	25.7
139	14.7	10.1	15.1





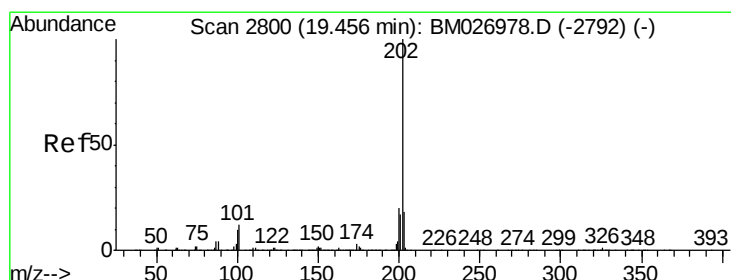
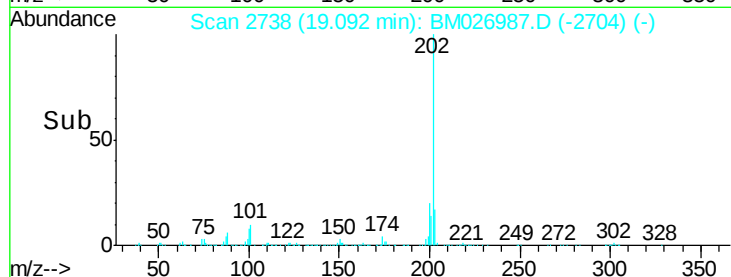
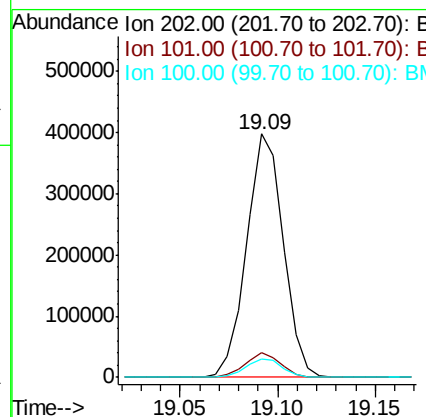
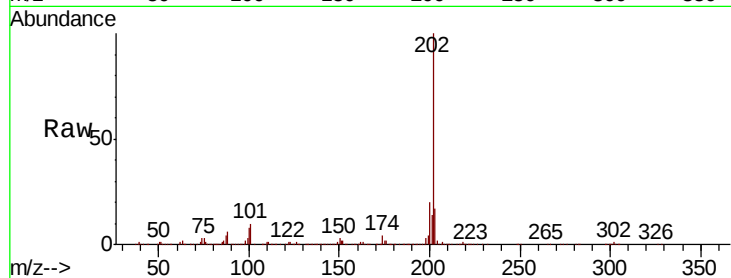
#77
Fluoranthene
Concen: 13.558 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleID :
C0S81DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	7.7	11.5
100	7.6	6.2	9.4

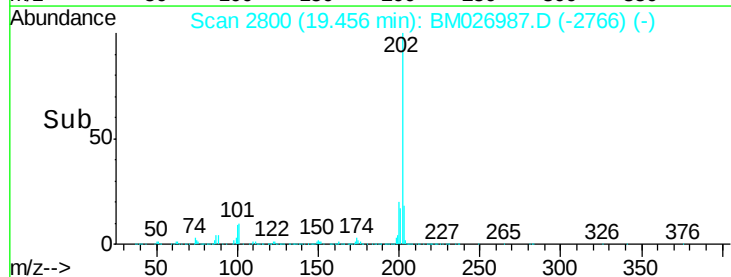
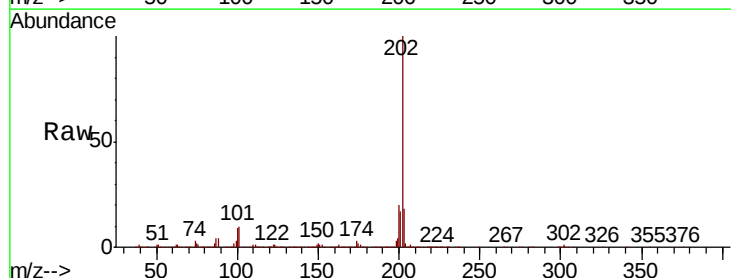
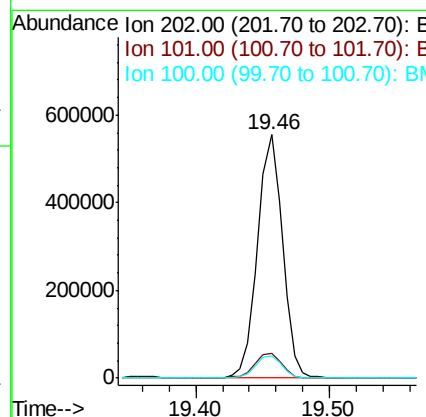
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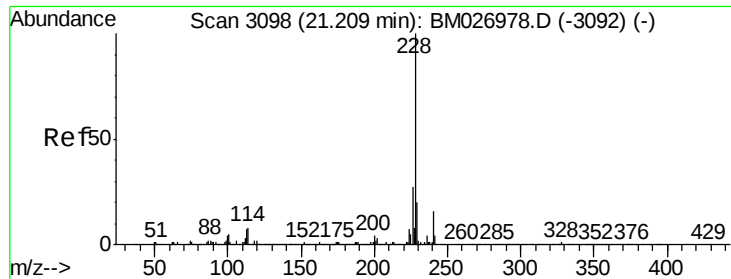
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#80
Pyrene
Concen: 19.075 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	9.4	14.2
100	9.1	8.2	12.4





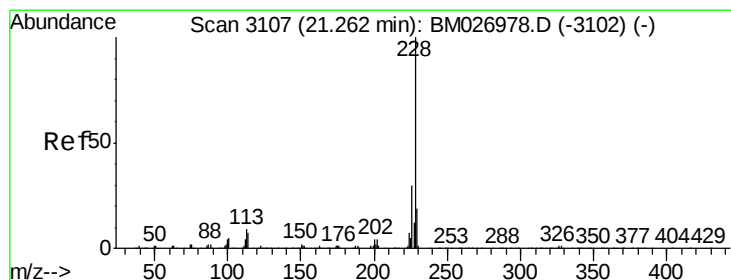
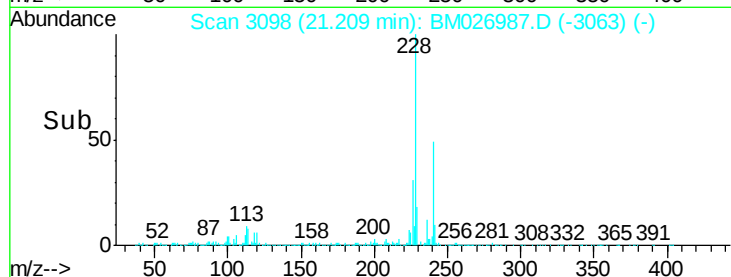
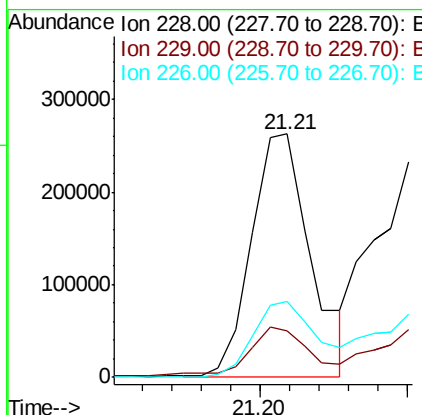
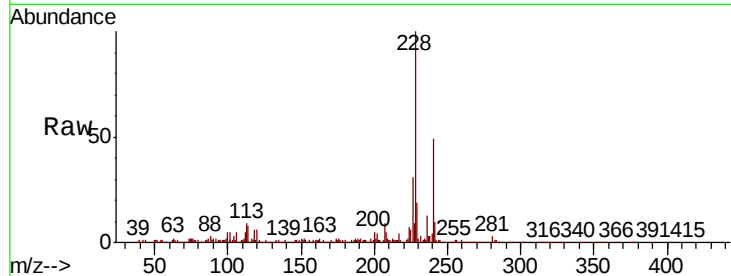
#83
Benzo(a)anthracene
Concen: 10.373 ng/ul m
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.4	23.2
226	31.4	20.9	31.3#

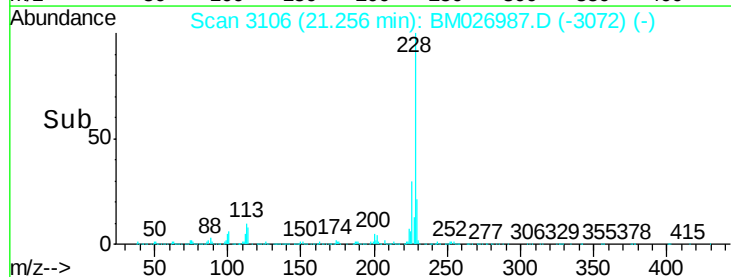
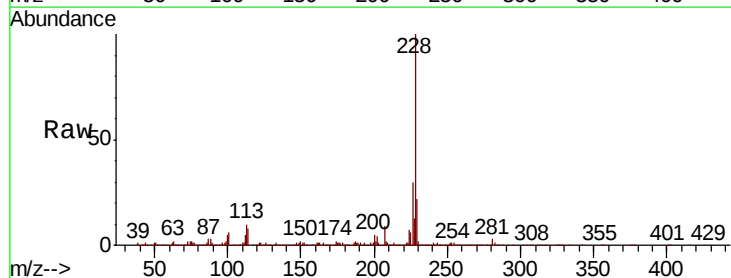
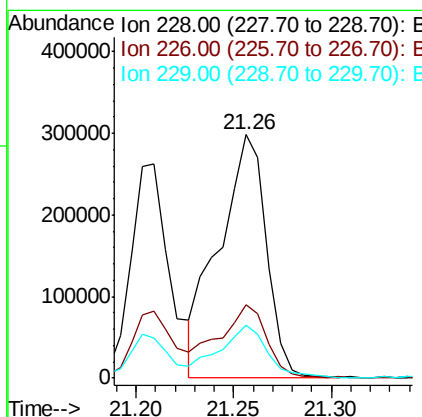
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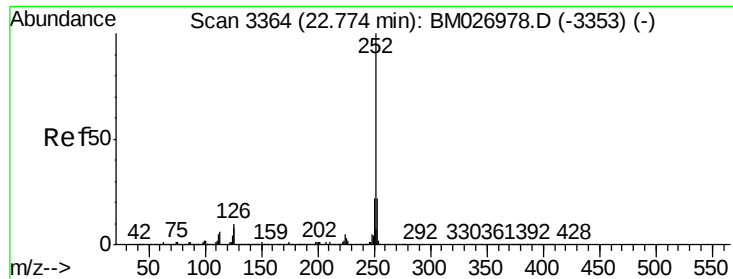
mohammad
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#85
Chrysene
Concen: 14.458 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	21.6	15.5	23.3





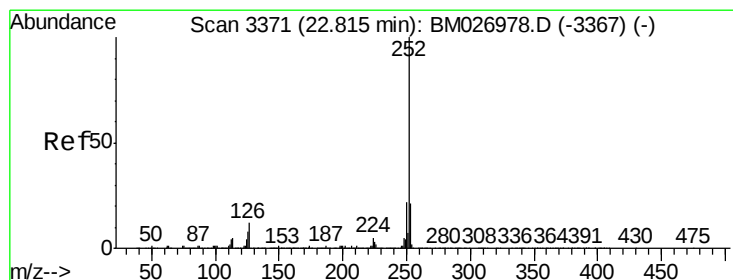
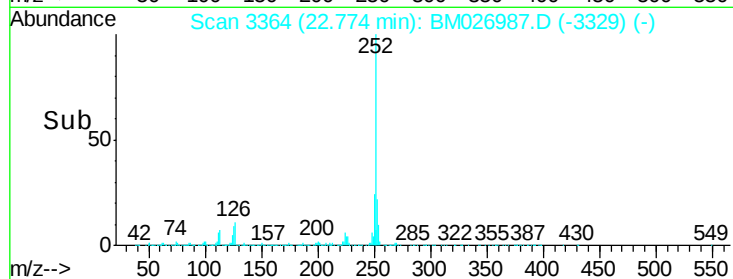
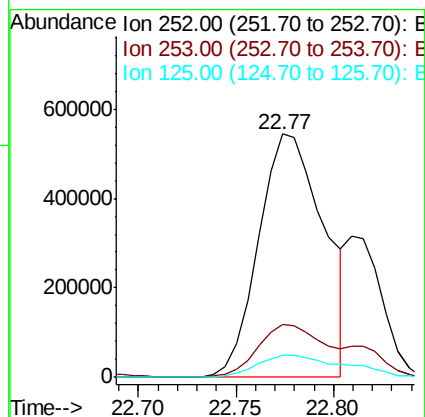
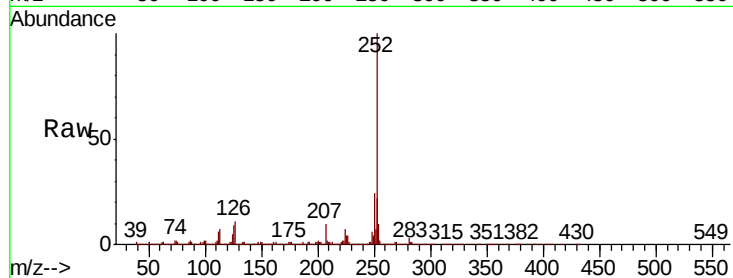
#88
Benzo(b)fluoranthene
Concen: 34.789 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	6.6	10.0

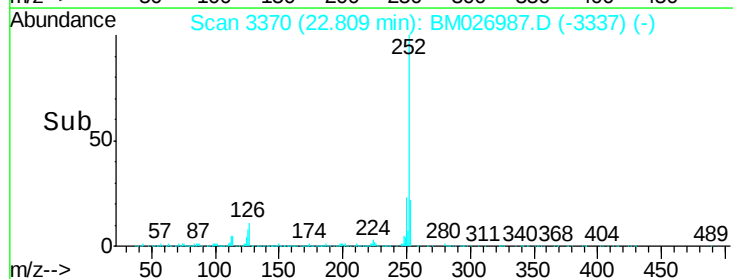
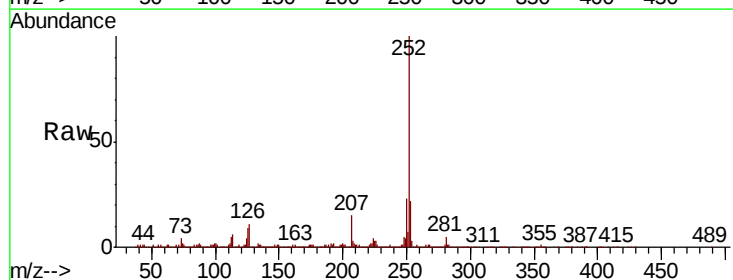
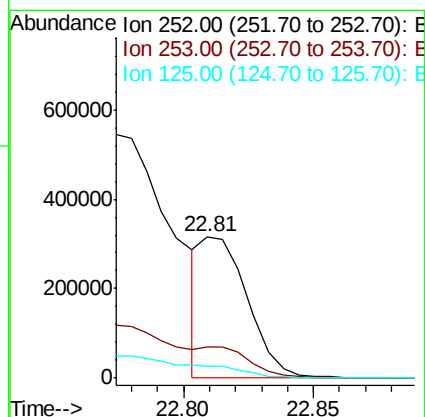
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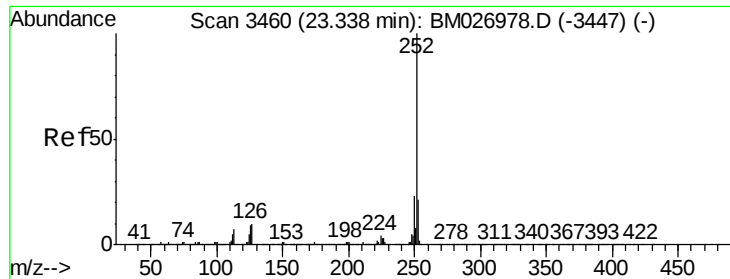
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#89
Benzo(k)fluoranthene
Concen: 11.244 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	8.6	7.3	10.9





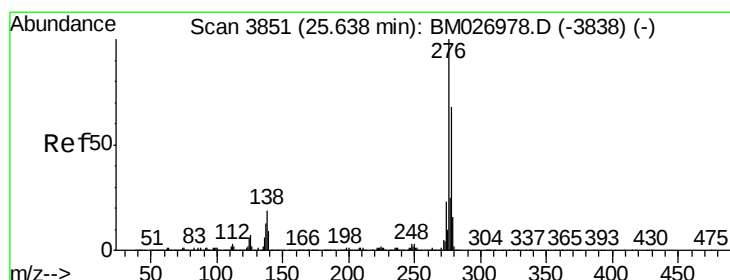
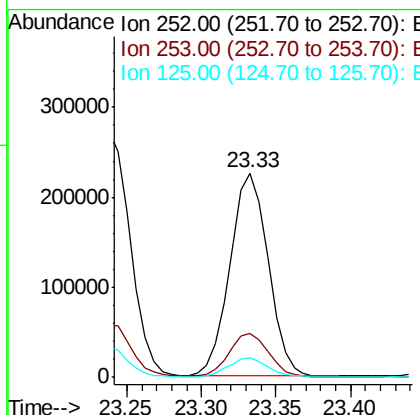
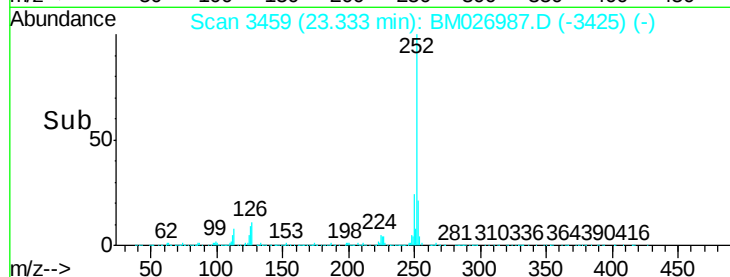
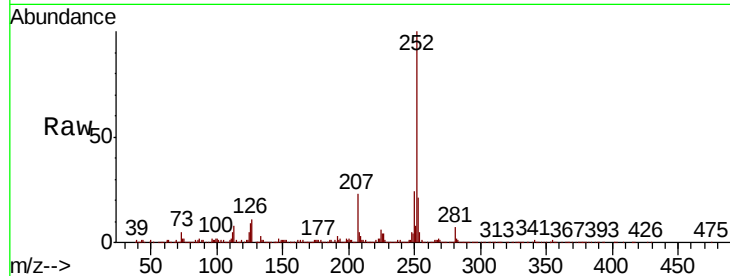
#91
Benzo(a)pyrene
Concen: 12.349 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	9.5	8.2	12.2

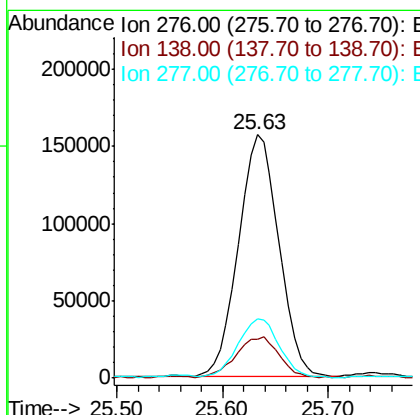
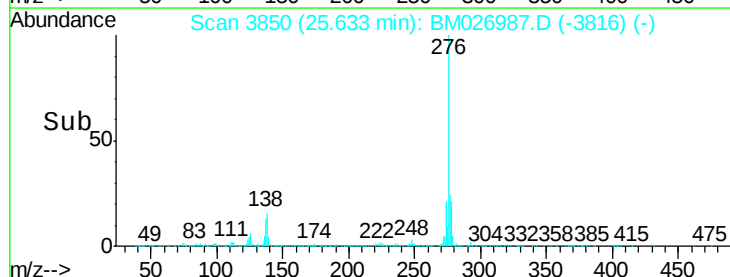
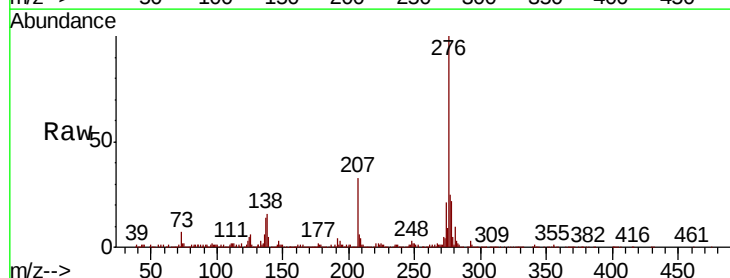
Manual Integrations
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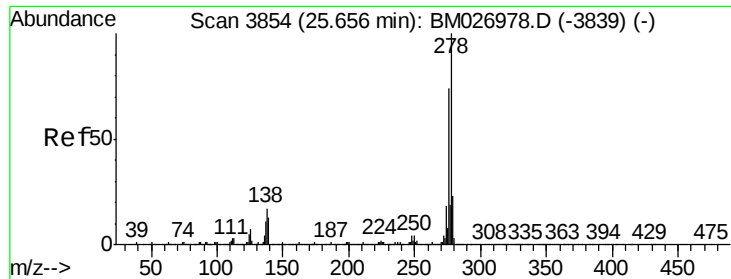
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8/5/2020 10:26:21 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 10.326 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.4#
277	24.5	20.6	30.8





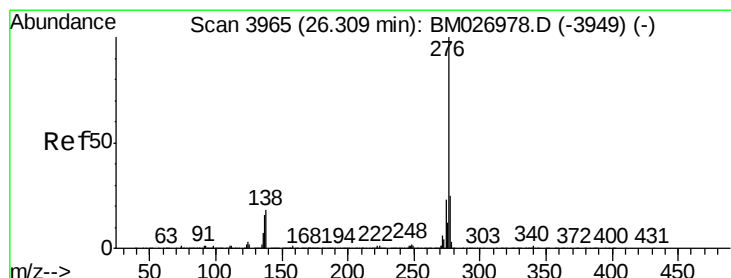
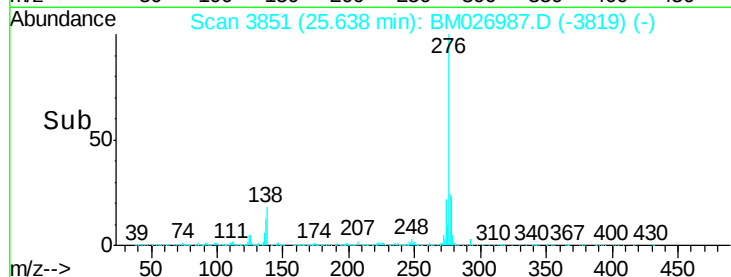
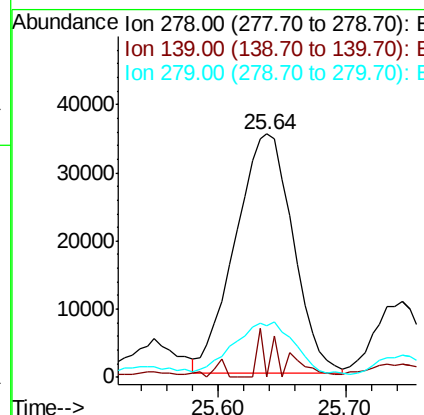
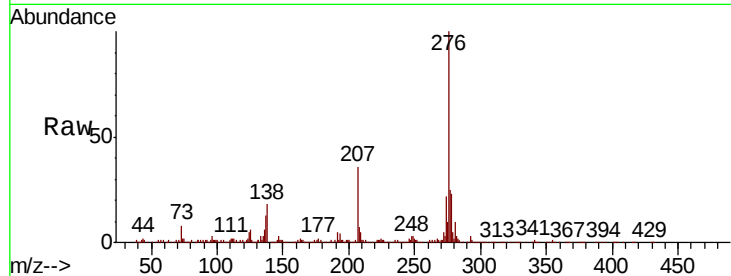
#93
Dibenzo(a,h)anthracene
Concen: 3.230 ng/ul m
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	21.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:21 AM



#94
Benzo(g,h,i)perylene
Concen: 3.525 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.9	22.3
277	24.9	19.1	28.7

