

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
 Data File : BM026965.D
 Acq On : 31 Jul 2020 19:18
 Operator : JU/CG
 Sample : L3424-10 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S83

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:23:54 PM

Quant Time: Aug 01 01:02:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:45:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	108088	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	419893	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	261645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	537480	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	532701	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	526334	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1676	0.71	ng/uL	0.00
5) Phenol-d5	6.84	99	35928	3.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	23959	3.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	26751	3.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	27360	3.76	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	12848	3.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	12763	4.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	27994	3.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	19925	2.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	79491	3.87	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	101536	3.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	10672	3.08	ng/ul	0.00
58) Fluorene-d10	15.29	176	69286	3.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7721	3.22	ng/ul	0.00
71) Anthracene-d10	17.13	188	105686	3.93	ng/ul	0.00
79) Pyrene-d10	19.43	212	110589	3.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	110941	3.74	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.75	163	30071	1.397	ng/ul	99
48) Acenaphthylene	14.01	152	194785	7.343	ng/ul	99
70) Phenanthrene	17.08	178	376820	11.550	ng/ul	100
72) Anthracene	17.17	178	300436	8.959	ng/ul	98
75) Carbazole	17.43	167	76579	2.583	ng/ul#	96
77) Fluoranthene	19.10	202	3091514	80.253	ng/ul	100
80) Pyrene	19.46	202	2838913	73.250	ng/ul	98
83) Benzo(a)anthracene	21.21	228	1214963	33.090	ng/ul	94
85) Chrysene	21.27	228	1605762	44.846	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	2575686	68.408	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	727696m	20.141	ng/ul	
91) Benzo(a)pyrene	23.34	252	888353	26.147	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.65	276	874546	20.749	ng/ul	95
93) Dibenzo(a,h)anthracene	25.65	278	240647	6.751	ng/ul#	86
94) Benzo(g,h,i)perylene	26.32	276	322082	9.241	ng/ul	99

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

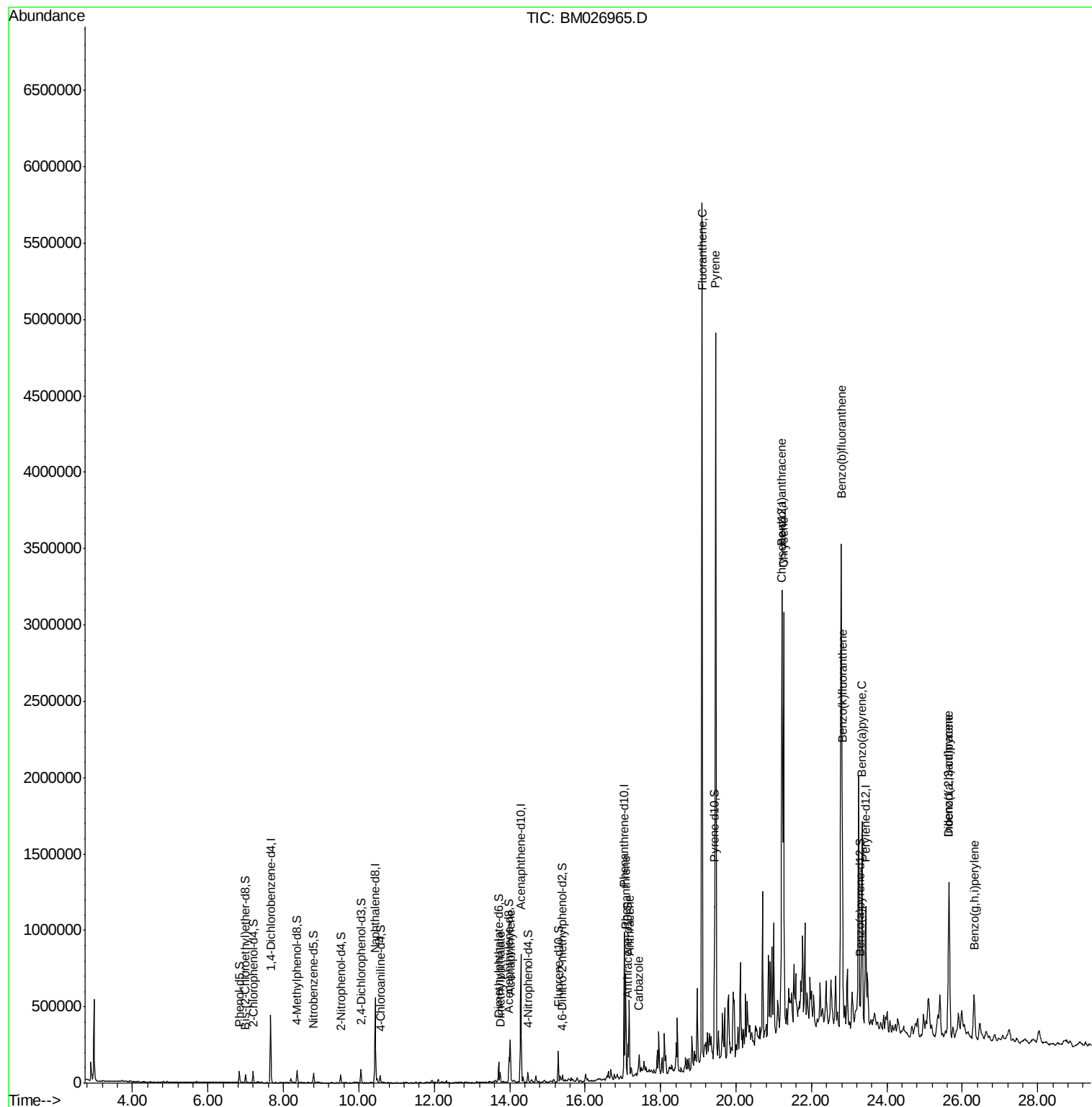
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026965.D
Acq On : 31 Jul 2020 19:18
Operator : JU/CG
Sample : L3424-10 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

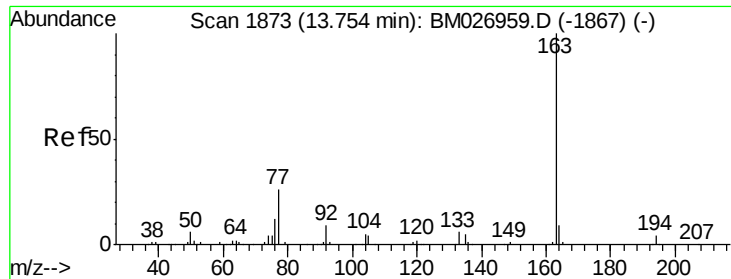
Instrument :
BNA_M
ClientSampleId :
C0S83

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Quant Time: Aug 01 01:02:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





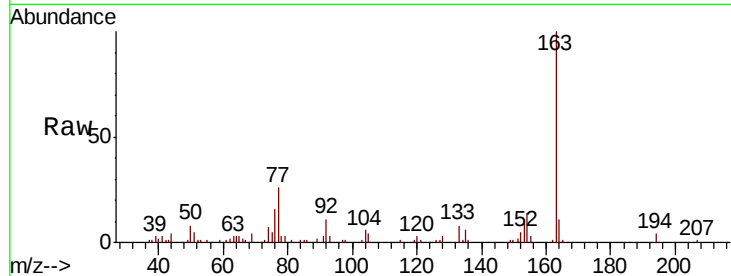
#45
Dimethylphthalate
Concen: 1.397 ng/ul
RT: 13.75 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Instrument :
BNA_M
ClientSampleId :
C0S83

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	11.3	8.6	12.8

Manual Integrations
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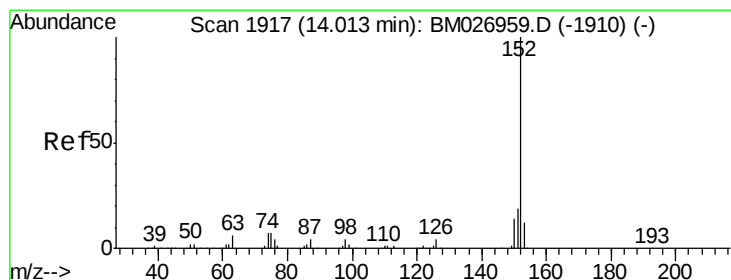
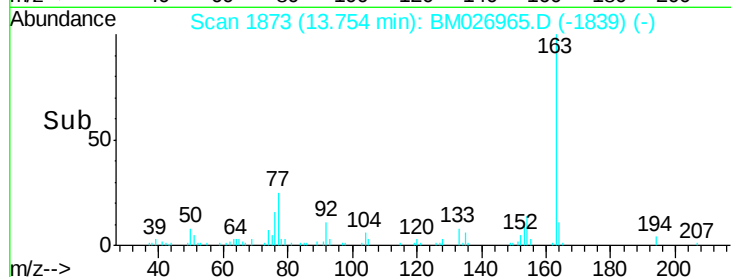
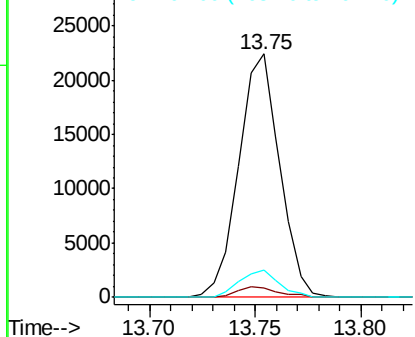


Abundance

Ion 163.00 (162.70 to 163.70): E

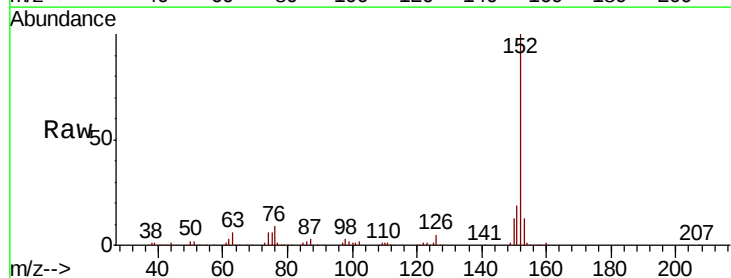
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 7.343 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.3	10.7	16.1

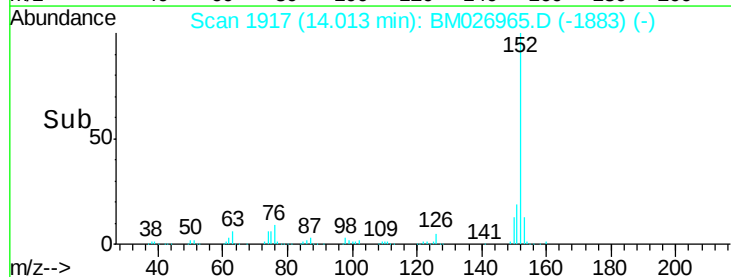
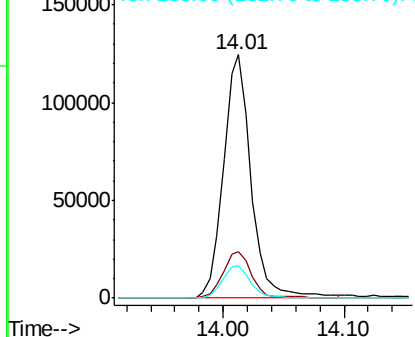


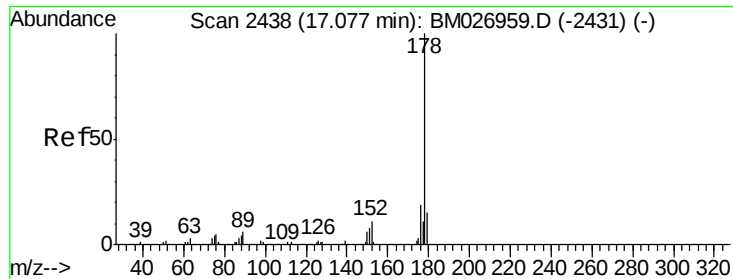
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





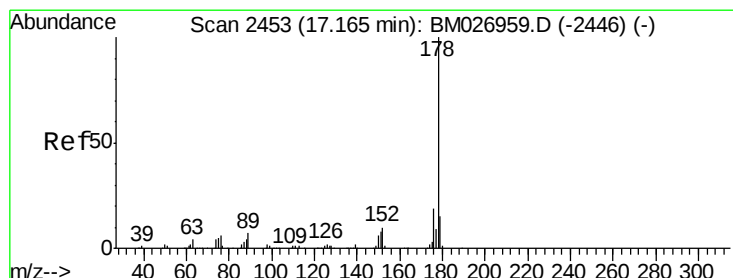
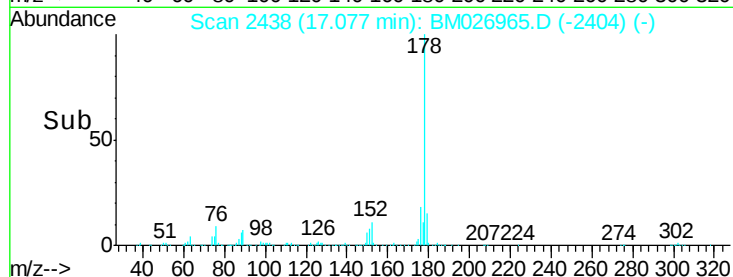
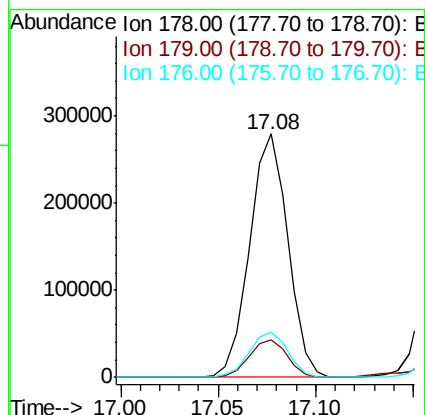
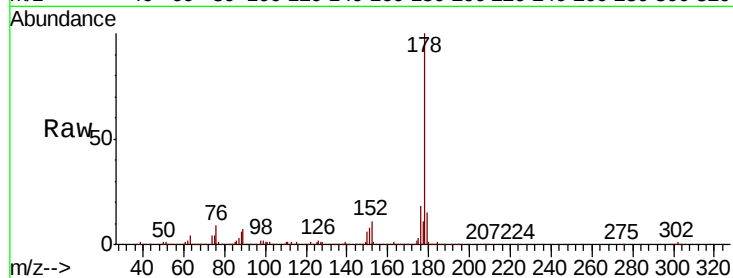
#70
Phenanthrene
Concen: 11.550 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Instrument :
BNA_M
ClientSampleId :
C0S83

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.4	14.7	22.1

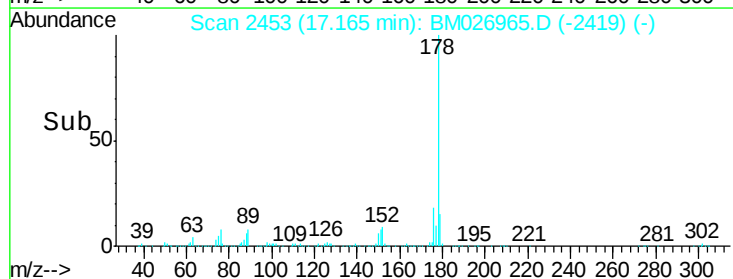
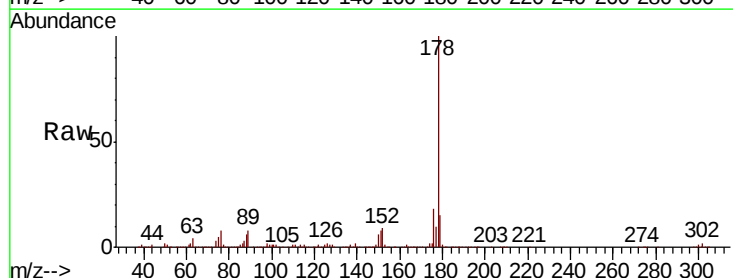
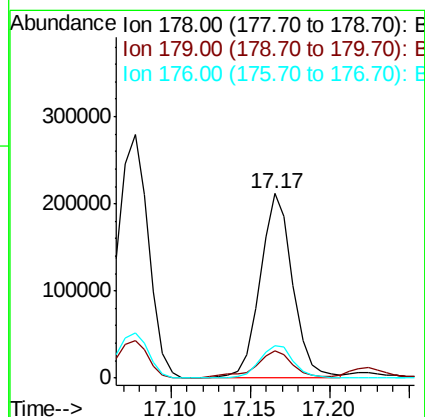
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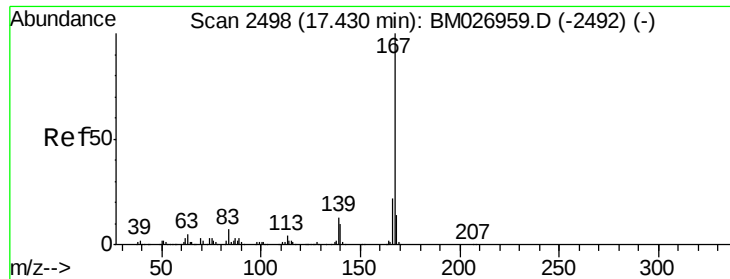
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#72
Anthracene
Concen: 8.959 ng/ul
RT: 17.17 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	17.5	15.0	22.6





#75

Carbazole

Concen: 2.583 ng/ul

RT: 17.43 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM026965.D

Acq: 31 Jul 2020 19:18

Instrument :

BNA_M

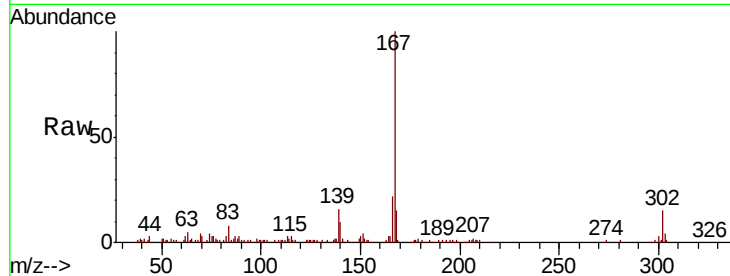
ClientSampleId :

C0S83

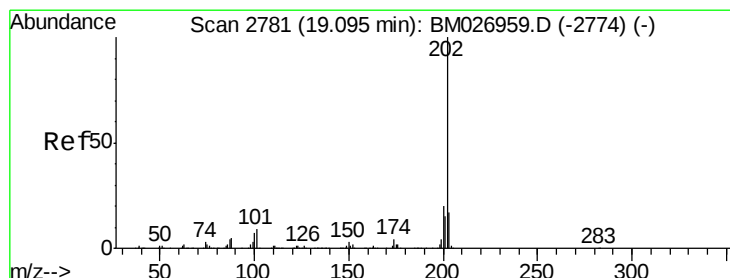
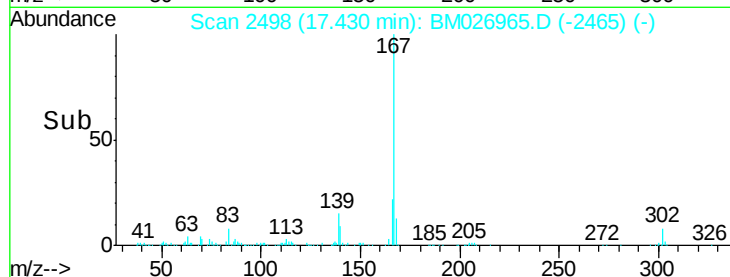
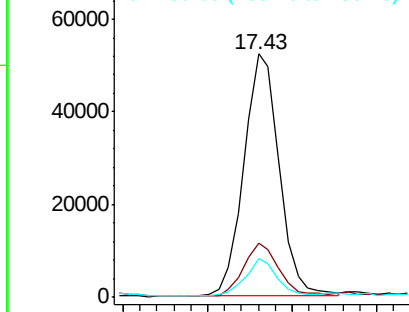
Tot Ion:	167	Resp:	76579
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	15.9	10.1	15.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 80.253 ng/ul

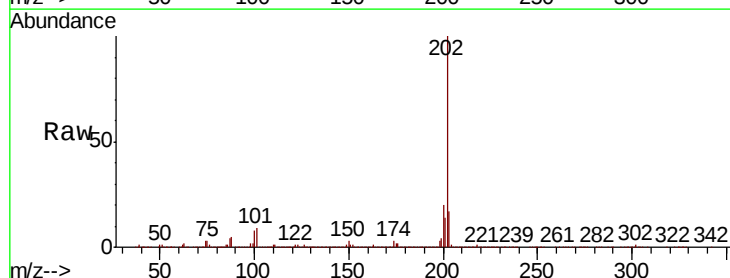
RT: 19.10 min Scan# 2782

Delta R.T. 0.01 min

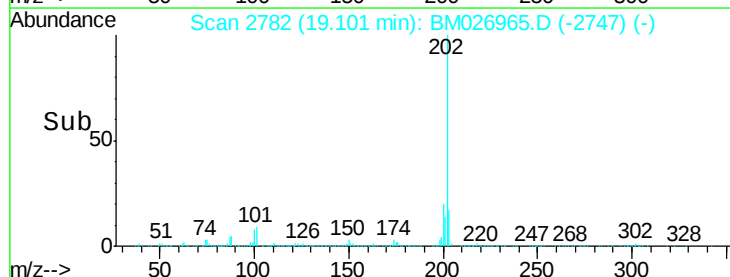
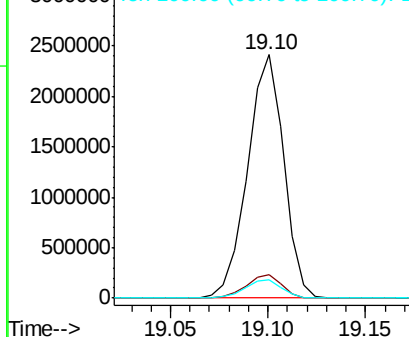
Lab File: BM026965.D

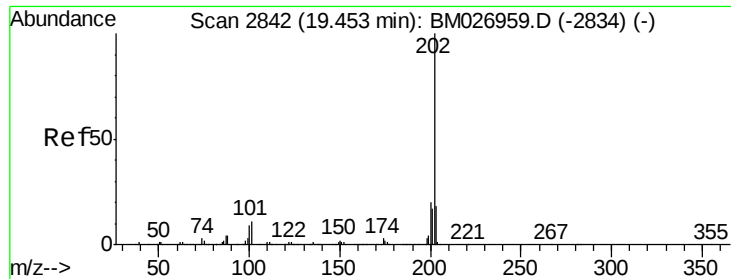
Acq: 31 Jul 2020 19:18

Tgt Ion:	202	Resp:	3091514
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.7	11.5
100	7.6	6.2	9.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





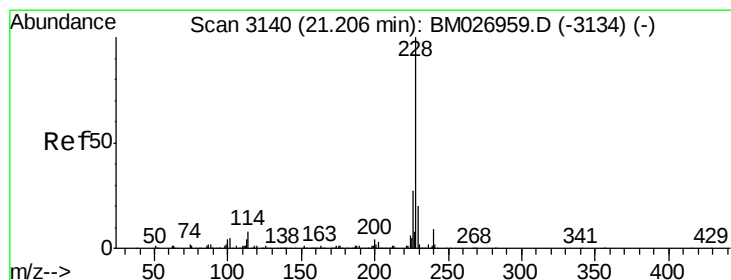
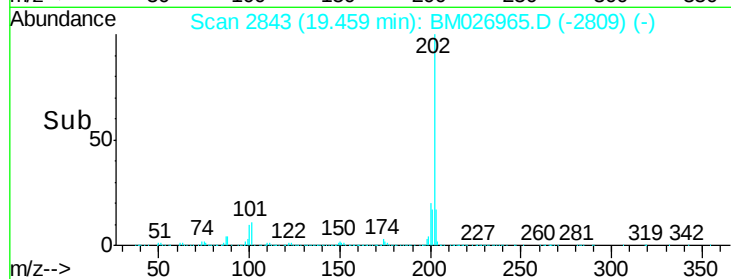
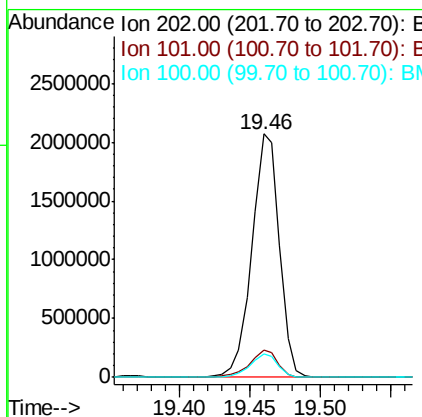
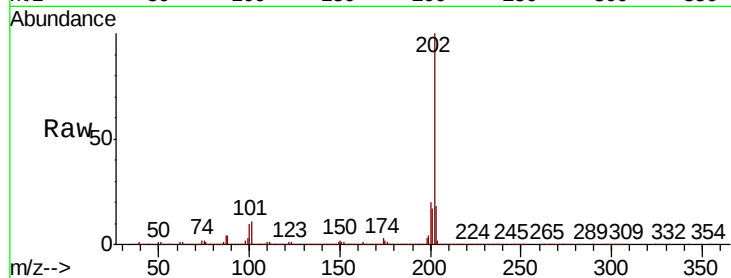
#80
Pvrene
Concen: 73.250 ng/ul
RT: 19.46 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Instrument :
BNA_M
ClientSampleId :
C0S83

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.4	14.2
100	9.5	8.2	12.4

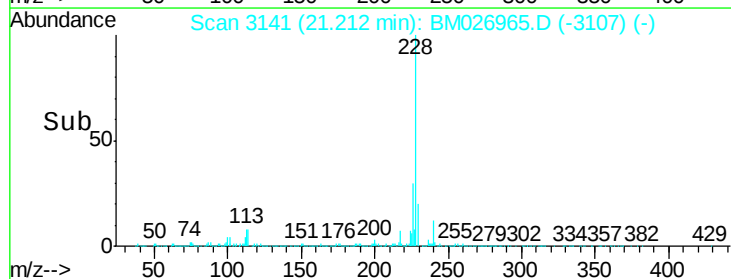
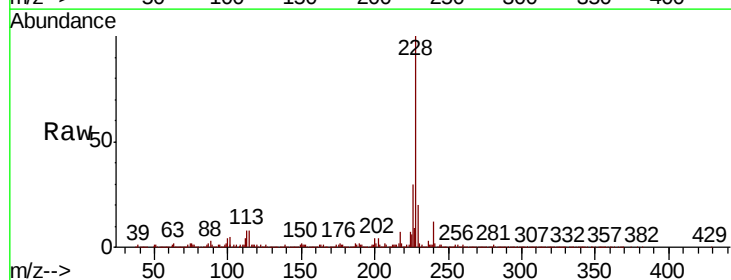
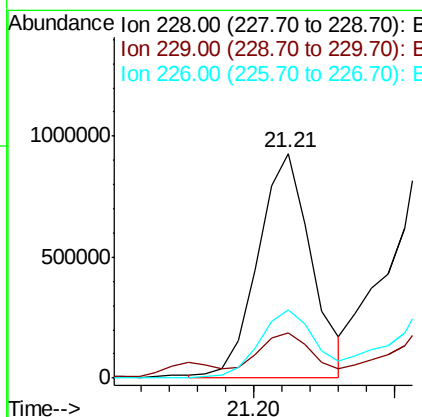
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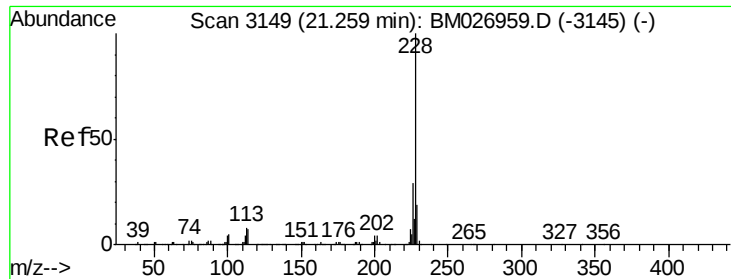
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#83
Benzo(a)anthracene
Concen: 33.090 ng/ul
RT: 21.21 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	30.5	20.9	31.3





#85

Chrysene

Concen: 44.846 ng/ul

RT: 21.27 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BM026965.D

Acq: 31 Jul 2020 19:18

Instrument :

BNA_M

ClientSampled :

C0S83

Tot Ion:228 Resp: 1605762

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

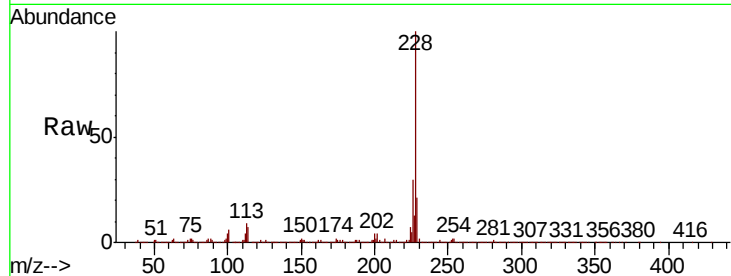
229 21.1 15.5 23.3

Manual Integrations

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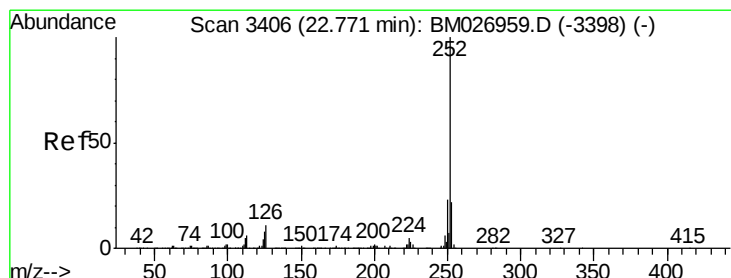
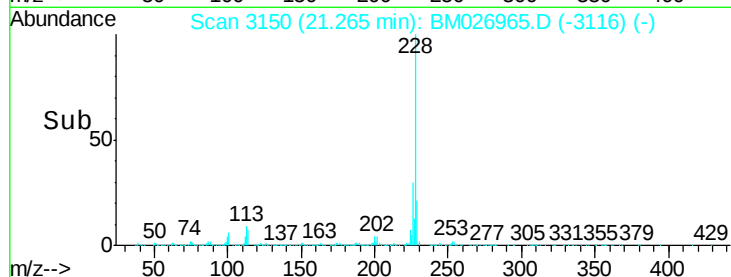
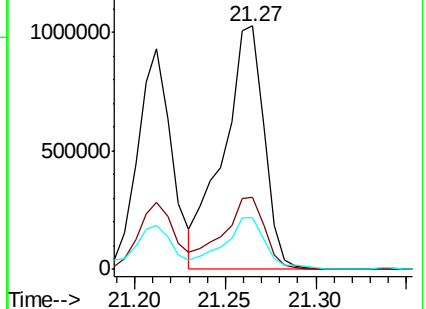
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 68.408 ng/ul

RT: 22.79 min Scan# 3409

Delta R.T. 0.01 min

Lab File: BM026965.D

Acq: 31 Jul 2020 19:18

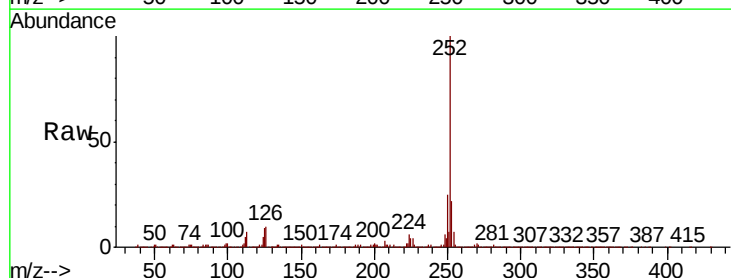
Tgt Ion:252 Resp: 2575686

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

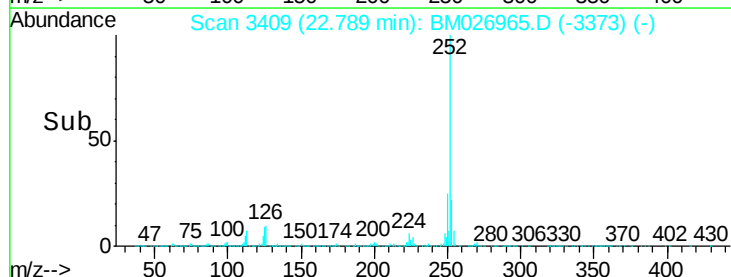
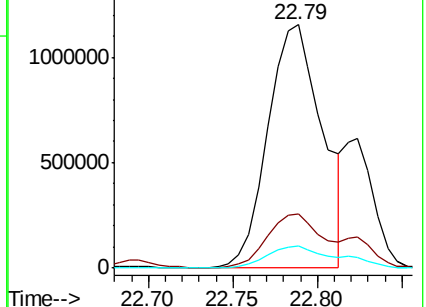
125 9.0 6.6 10.0

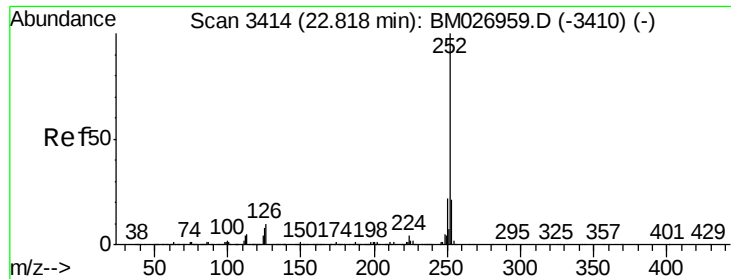


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





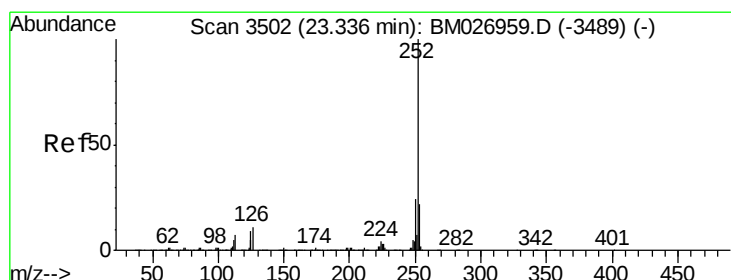
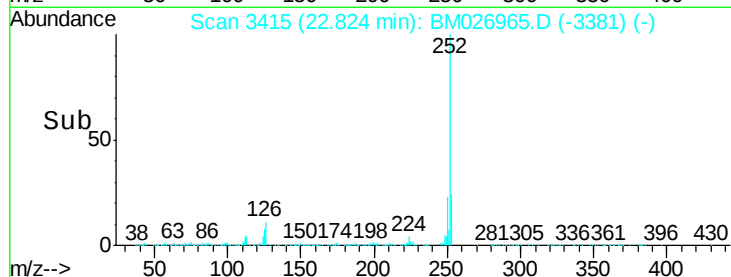
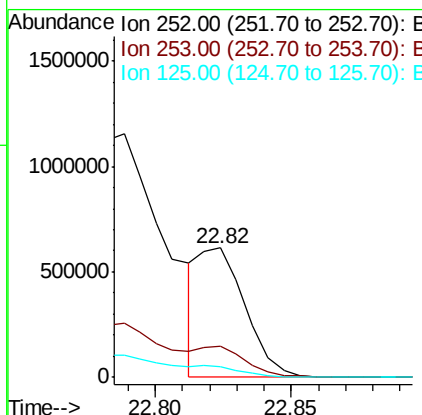
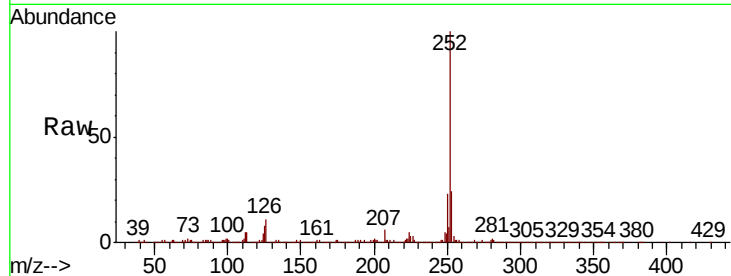
#89
Benzo(k)fluoranthene
Concen: 20.141 ng/ul m
RT: 22.82 min Scan# 3415
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Instrument :
BNA_M
ClientSampleId :
C0S83

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	8.1	7.3	10.9

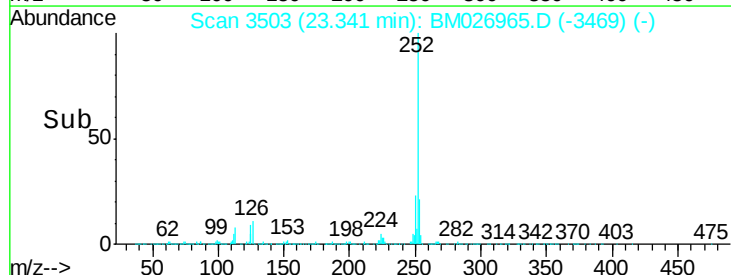
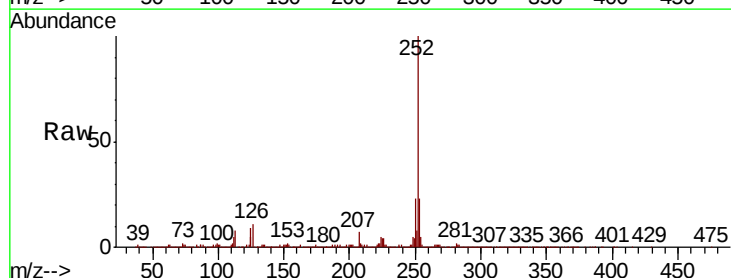
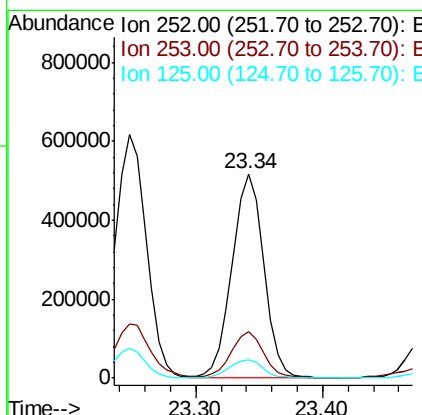
Manual Integrations
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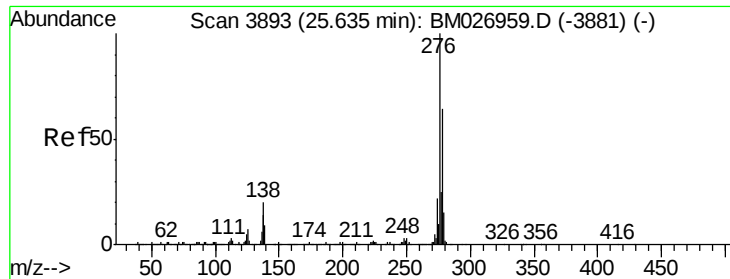
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#91
Benzo(a)pyrene
Concen: 26.147 ng/ul
RT: 23.34 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BM026965.D
Acq: 31 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	8.9	8.2	12.2





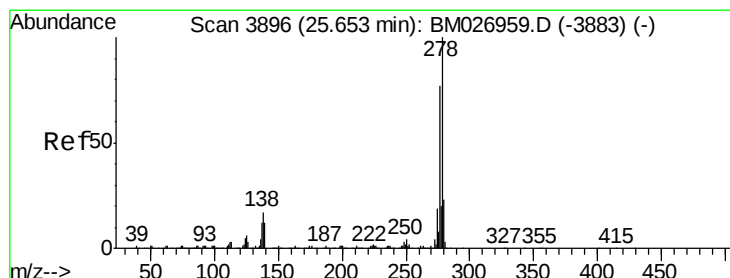
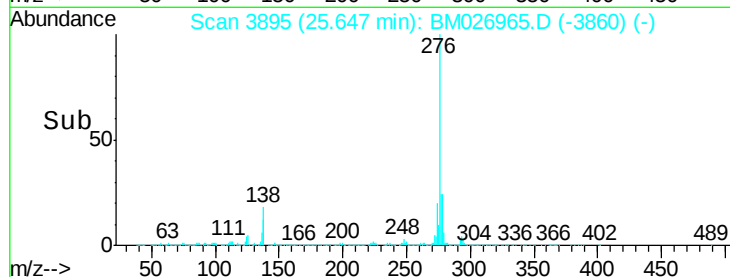
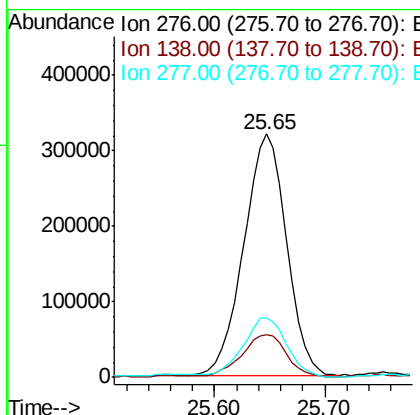
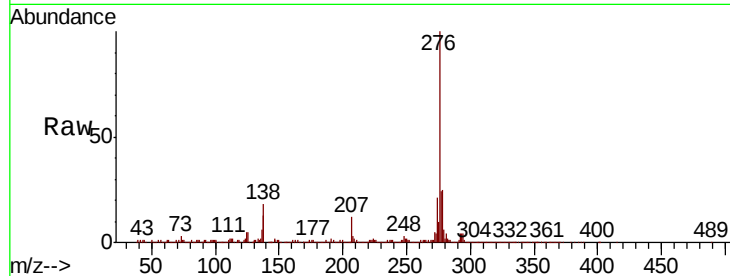
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 20.749 ng/ul
 RT: 25.65 min Scan# 3895
 Delta R.T. 0.01 min
 Lab File: BM026965.D
 Acq: 31 Jul 2020 19:18

Instrument :
 BNA_M
 ClientSampleId :
 C0S83

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.0	25.4
277	24.4	20.6	30.8

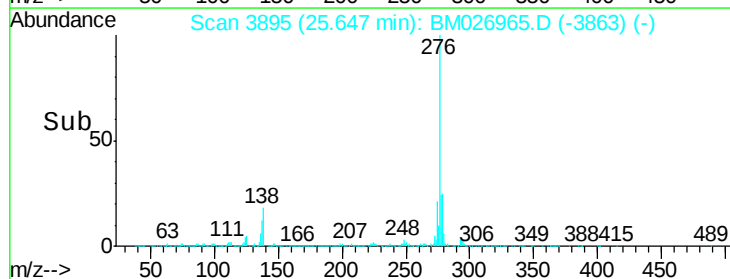
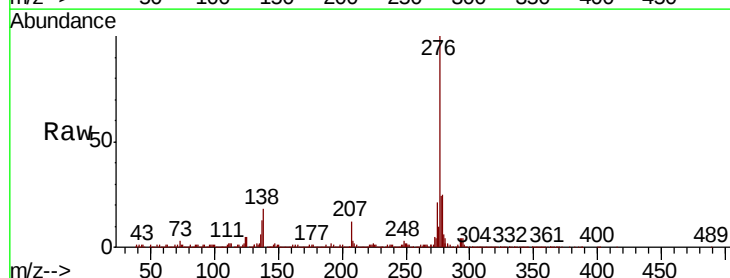
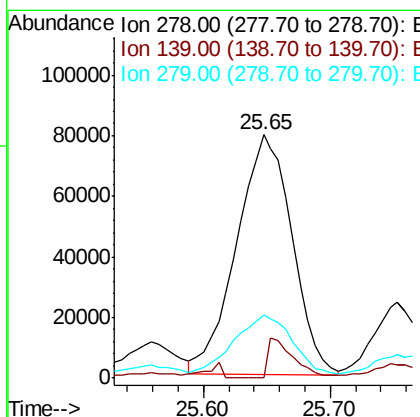
Manual Integrations
 APPROVED

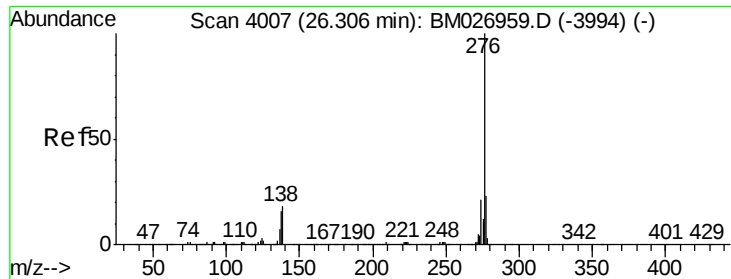
mohammad
 8/3/2020 12:23:54 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 6.751 ng/ul
 RT: 25.65 min Scan# 3895
 Delta R.T. -0.01 min
 Lab File: BM026965.D
 Acq: 31 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	25.9	19.4	29.2





#94
 Benzo(a,h,i)perylene
 Concen: 9.241 ng/ul
 RT: 26.32 min Scan# 4009
 Delta R.T. -0.00 min
 Lab File: BM026965.D
 Acq: 31 Jul 2020 19:18

Instrument :
 BNA_M
 ClientSampleId :
 C0S83

Tot Ion:	276	Resp:	322082
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.9	22.3
277	24.8	19.1	28.7

Manual Integrations
 APPROVED

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