

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026980.D
 Acq On : 03 Aug 2020 16:08
 Operator : JU/CG
 Sample : L3424-16 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S91

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:06 AM

Quant Time: Aug 03 16:41:11 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	110374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	430033	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256727	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	504881	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	497408	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	490932	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2456	1.02	ng/uL	0.00
5) Phenol-d5	6.84	99	60294	6.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41571	6.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	46501	6.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	48025	6.45	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	22401	6.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	23245	7.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	46423	6.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	31935	3.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	135384	6.72	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	174232	6.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	10586	3.11	ng/ul	0.00
58) Fluorene-d10	15.29	176	116935	6.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	9481	4.21	ng/ul	0.00
71) Anthracene-d10	17.13	188	168300	6.67	ng/ul	0.00
79) Pyrene-d10	19.43	212	175243	6.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	177960	6.42	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.49	128	101763	4.236	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	51630	3.040	ng/ul	97
45) Dimethylphthalate	13.75	163	22670	1.073	ng/ul	99
48) Acenaphthylene	14.01	152	586399	22.530	ng/ul	99
50) Acenaphthene	14.36	153	26568	1.482	ng/ul	97
54) Dibenzofuran	14.69	168	113632	4.571	ng/ul	98
59) Fluorene	15.34	166	40645	1.942	ng/ul#	96
70) Phenanthrene	17.07	178	864612	28.212	ng/ul	99
72) Anthracene	17.17	178	912833	28.979	ng/ul	98
75) Carbazole	17.43	167	188880	6.783	ng/ul	98
77) Fluoranthene	19.10	202	4455590	123.131	ng/ul	99
80) Pyrene	19.46	202	4183294	115.596	ng/ul	98
83) Benzo(a)anthracene	21.22	228	2172241m	63.359	ng/ul	
85) Chrysene	21.27	228	2984900	89.278	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	5523704	157.284	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1765623	52.393	ng/ul	98
91) Benzo(a)pyrene	23.36	252	1774921	56.009	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2132134	54.234	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	578845	17.409	ng/ul#	87
94) Benzo(g,h,i)perylene	26.34	276	648454	19.948	ng/ul	100

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

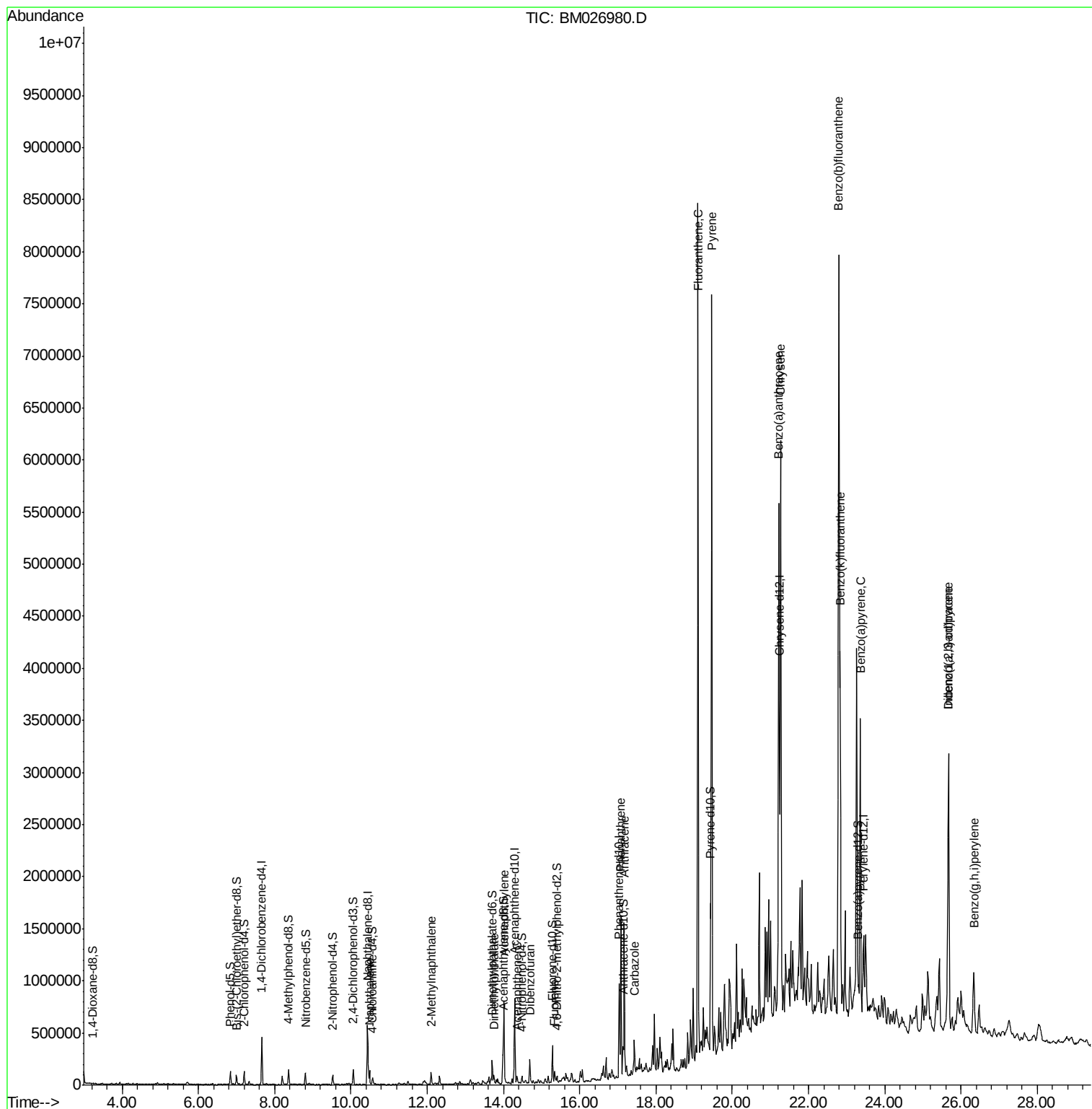
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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\  
Data File : BM026980.D  
Acq On    : 03 Aug 2020 16:08  
Operator  : JU/CG  
Sample    : L3424-16 5X  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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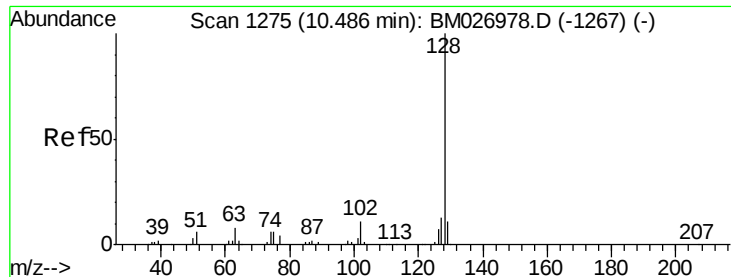
Instrument :
BNA_M
ClientSampleId :
C0S91

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Quant Time: Aug 03 16:41:11 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





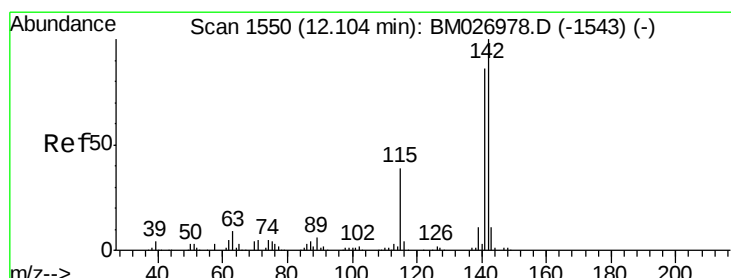
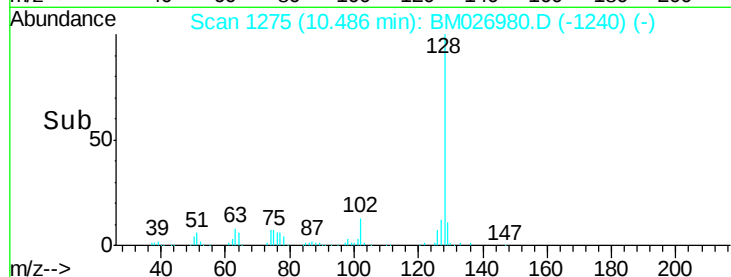
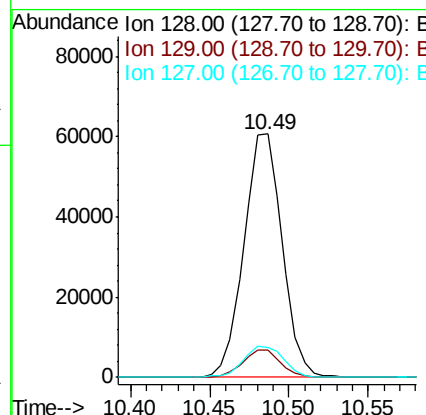
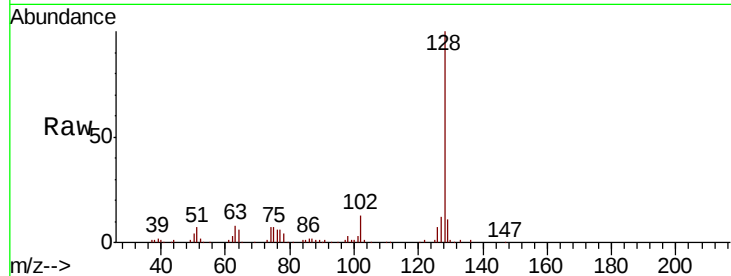
#28
Naphthalene
Concen: 4.236 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampleId :
C0S91

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	12.3	11.0	16.6

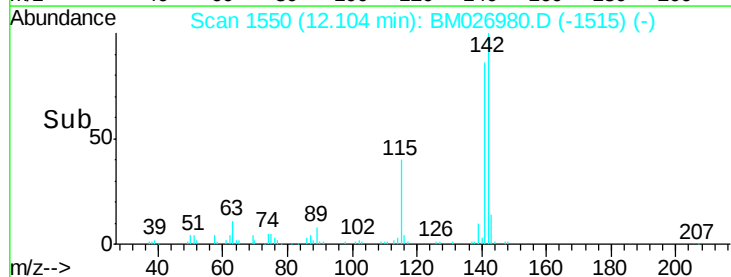
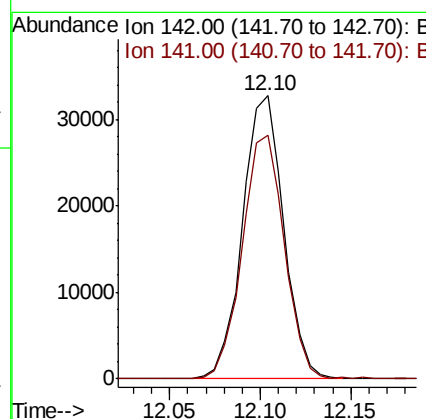
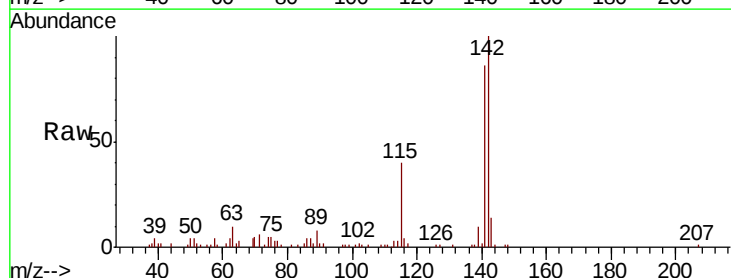
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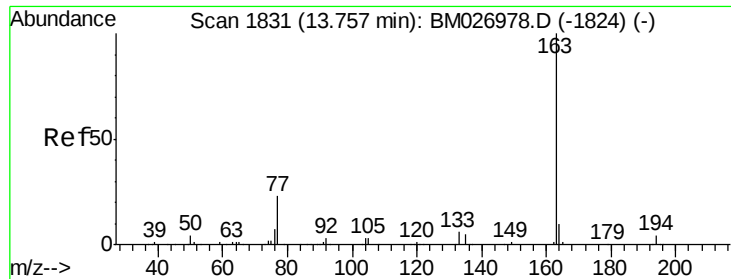
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#34
2-Methylnaphthalene
Concen: 3.040 ng/ul
RT: 12.10 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.1	106.7





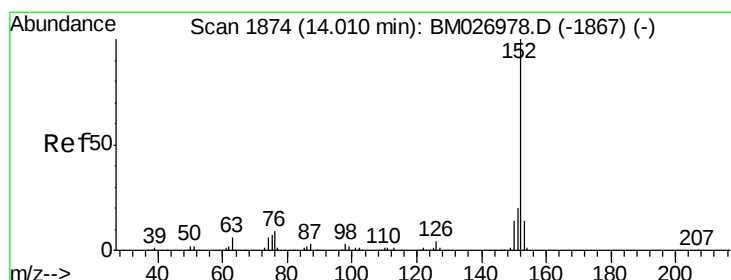
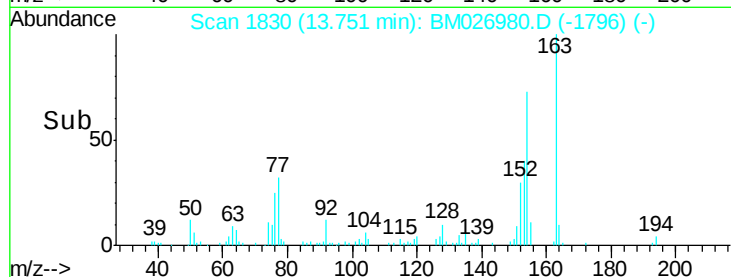
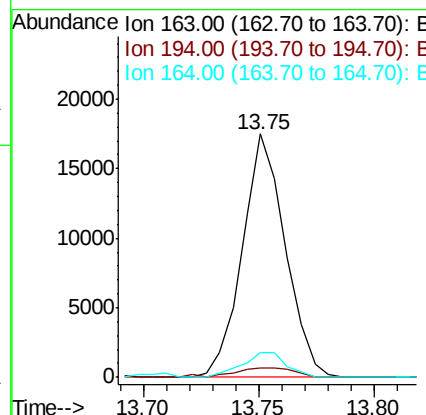
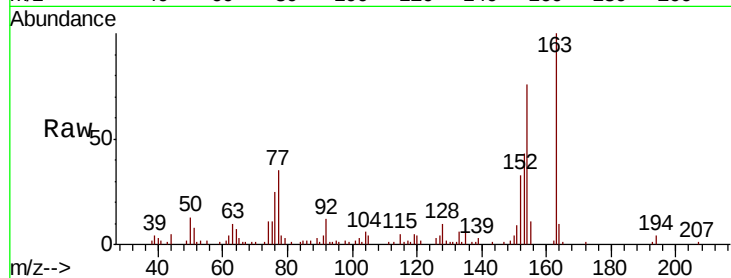
#45
Dimethylphthalate
Concen: 1.073 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampleId :
C0S91

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.6	12.8

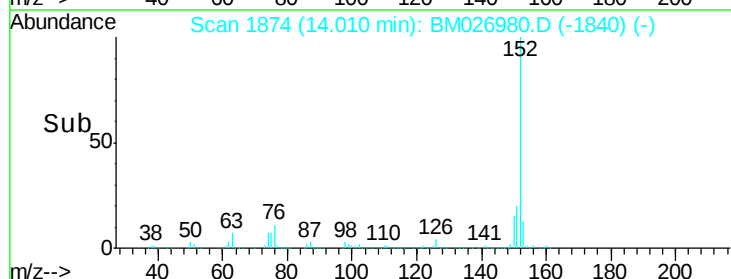
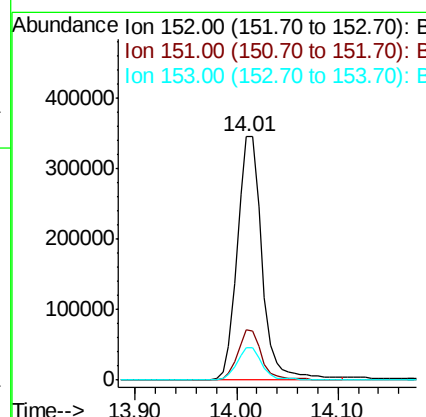
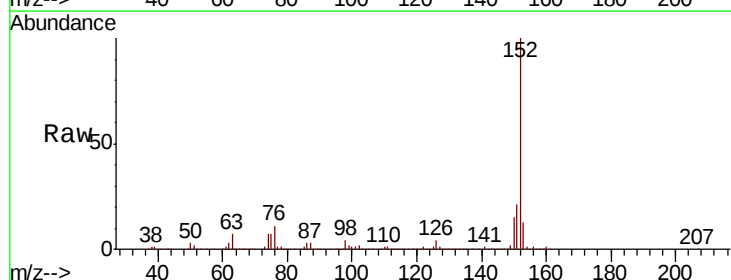
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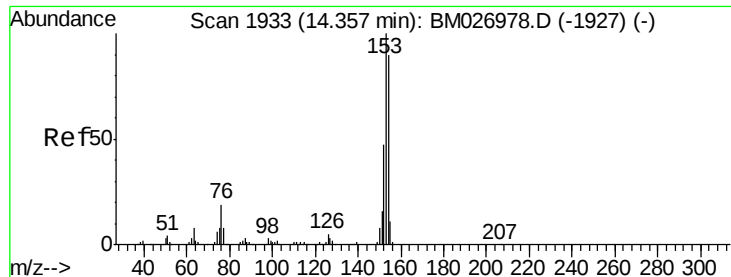
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#48
Acenaphthylene
Concen: 22.530 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	13.4	10.7	16.1





#50

Acenaphthene

Concen: 1.482 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM026980.D

Acq: 03 Aug 2020 16:08

Instrument :

BNA_M

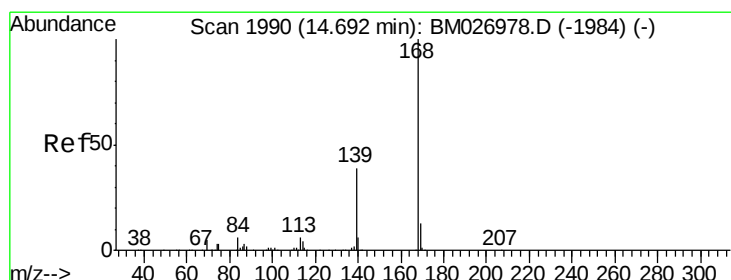
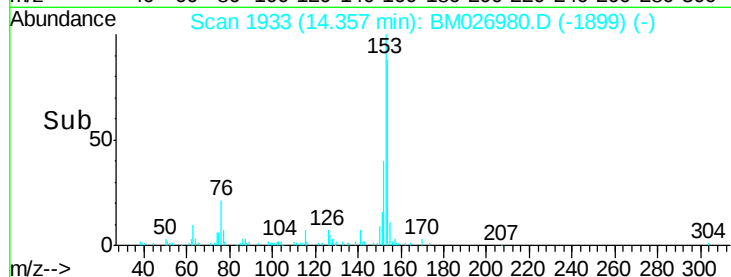
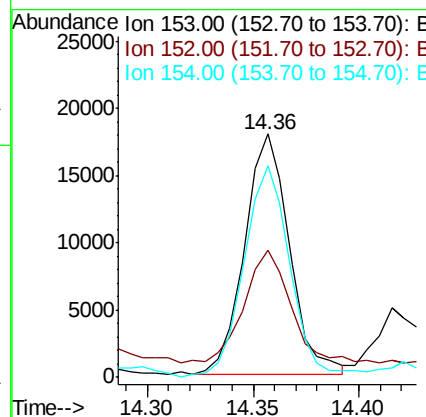
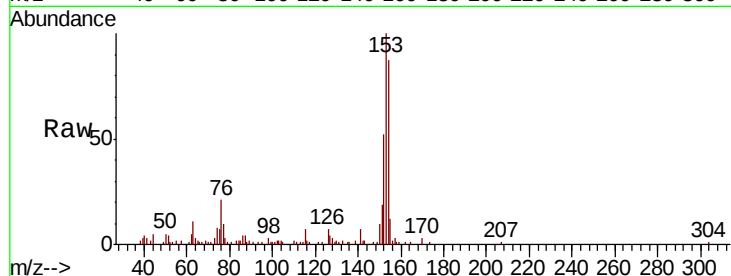
ClientSampleId :

C0S91

Tot Ion:	153	Resp:	26568
Ion Ratio	Lower	Upper	
153	100		
152	52.1	37.8	56.6
154	86.9	70.5	105.7

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#54

Dibenzofuran

Concen: 4.571 ng/ul

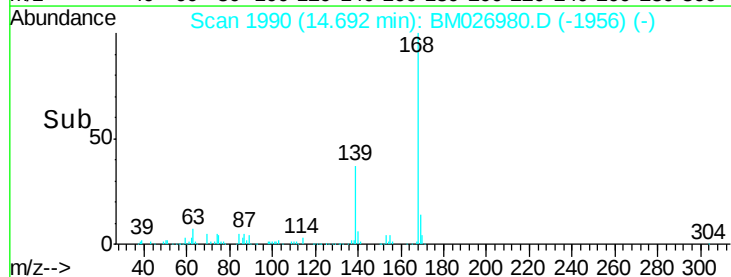
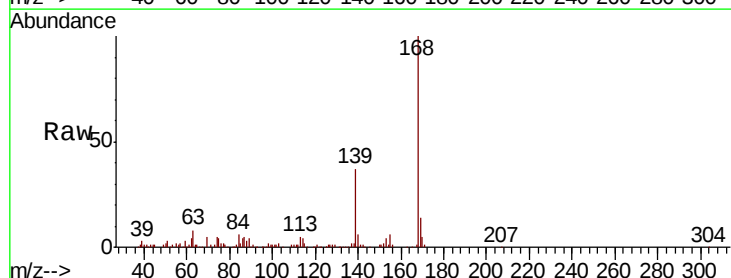
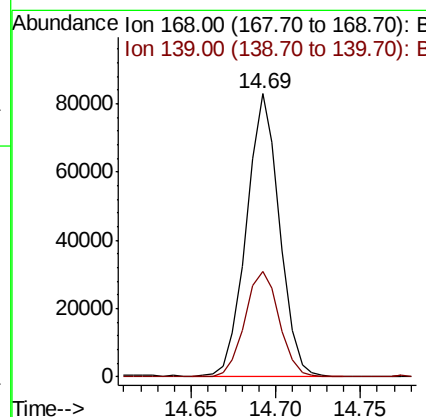
RT: 14.69 min Scan# 1990

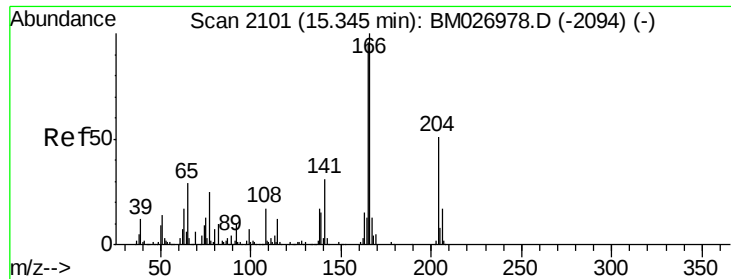
Delta R.T. -0.00 min

Lab File: BM026980.D

Acq: 03 Aug 2020 16:08

Tgt Ion:	168	Resp:	113632
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.8	46.2





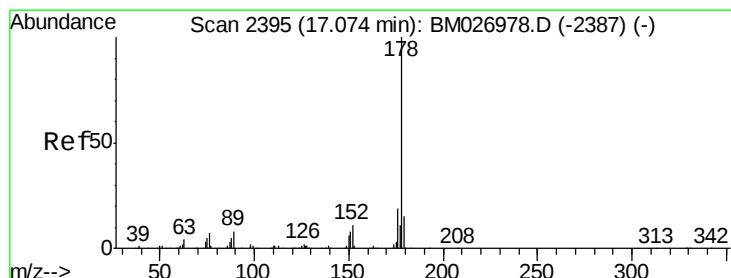
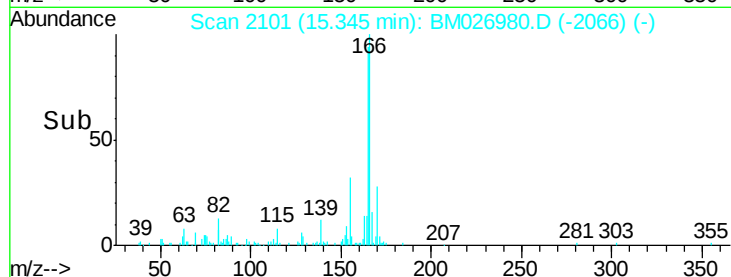
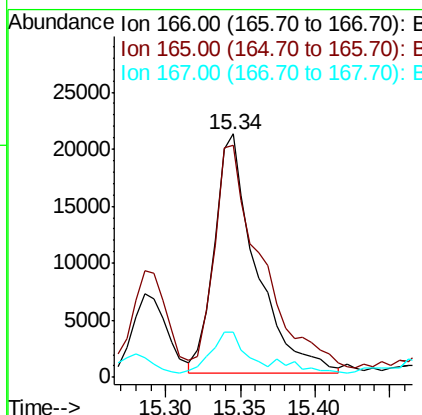
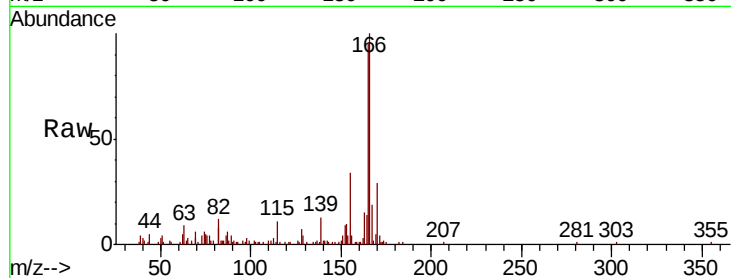
#59
Fluorene
 Concen: 1.942 ng/ul
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM026980.D
 Acq: 03 Aug 2020 16:08

Instrument :
 BNA_M
 ClientSampled :
 C0S91

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.2	117.2
167	18.7	10.3	15.5#

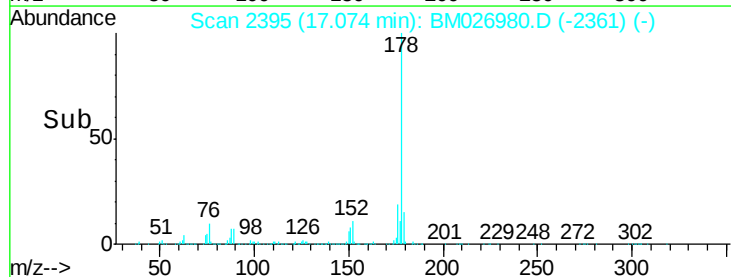
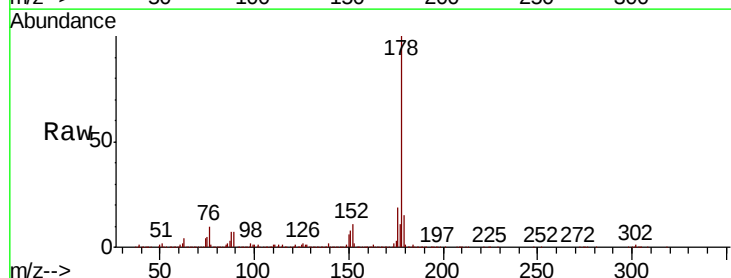
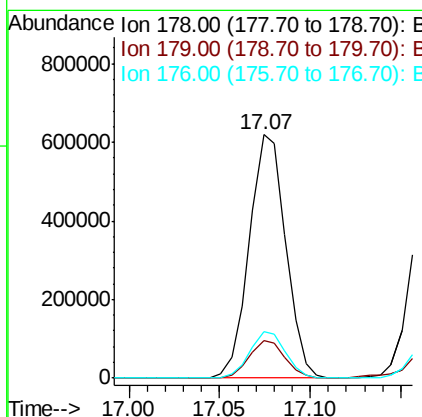
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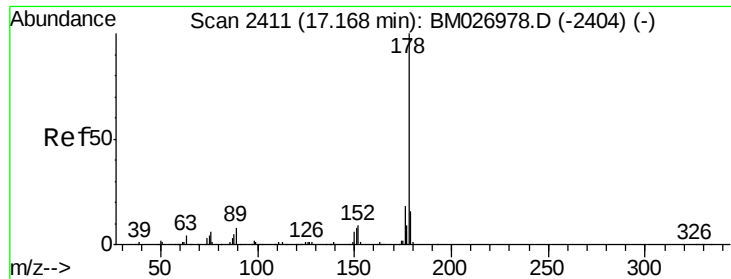
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#70
Phenanthrene
 Concen: 28.212 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BM026980.D
 Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.1	14.7	22.1





#72

Anthracene

Concen: 28.979 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM026980.D

Acq: 03 Aug 2020 16:08

Instrument :

BNA_M

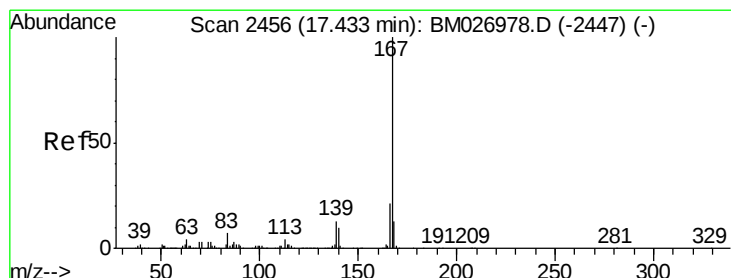
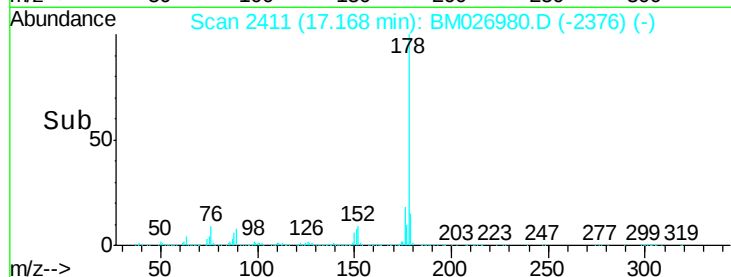
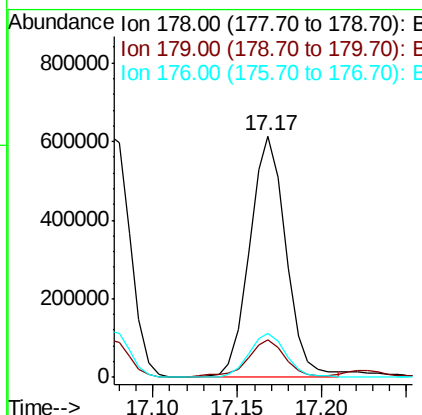
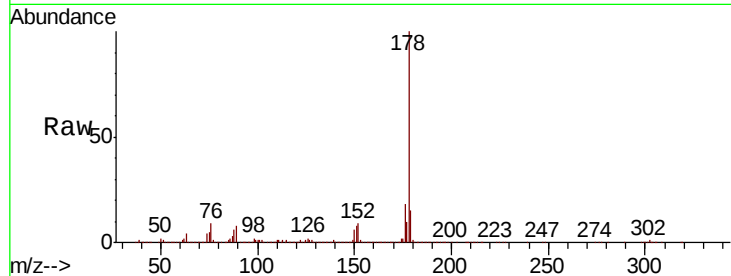
ClientSampleId :

C0S91

Tot Ion:	178	Resp:	912833
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.6
176	18.0	15.0	22.6

Manual Integrations
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#75

Carbazole

Concen: 6.783 ng/ul

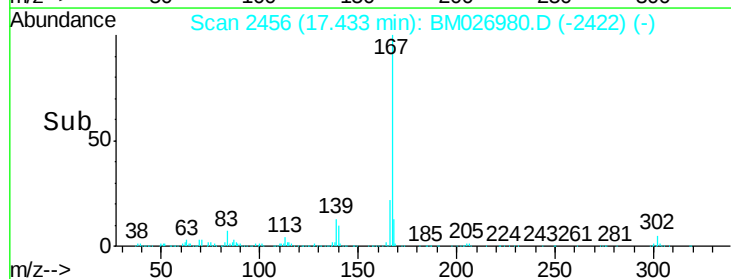
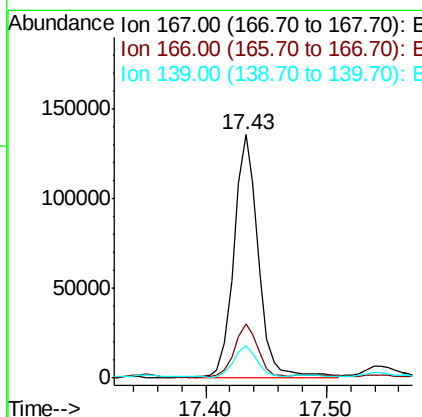
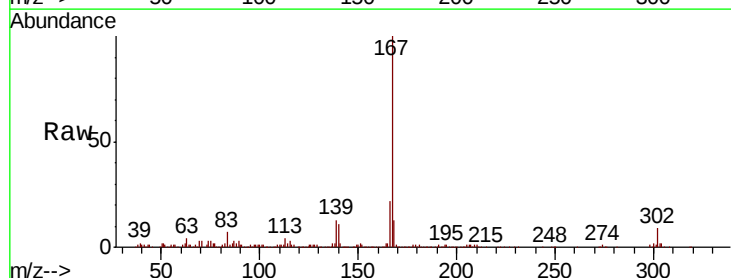
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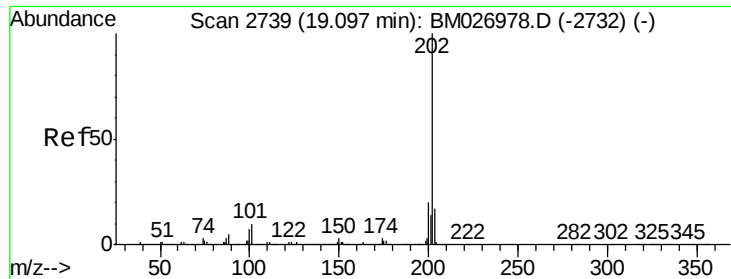
Delta R.T. -0.00 min

Lab File: BM026980.D

Acq: 03 Aug 2020 16:08

Tgt Ion:	167	Resp:	188880
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.1	25.7
139	13.3	10.1	15.1





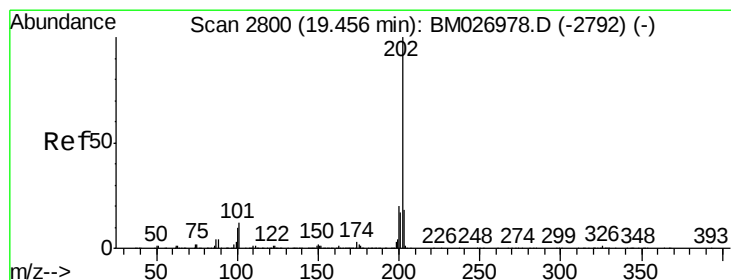
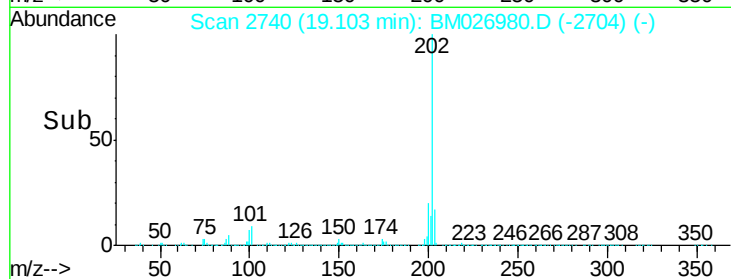
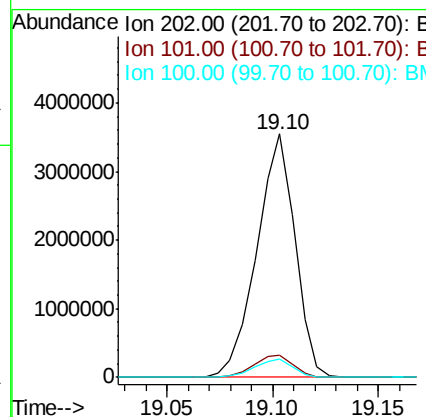
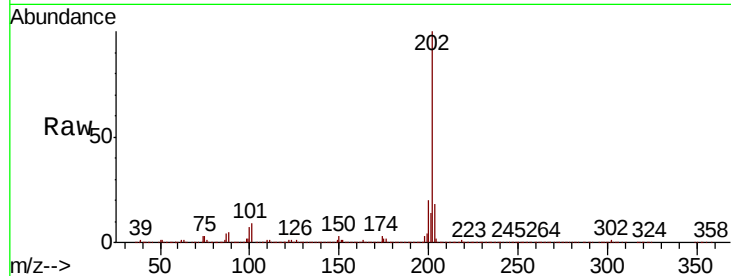
#77
Fluoranthene
 Concen: 123.131 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. 0.01 min
 Lab File: BM026980.D
 Acq: 03 Aug 2020 16:08

Instrument :
 BNA_M
 ClientSampleId :
 C0S91

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.7	11.5
100	7.4	6.2	9.4

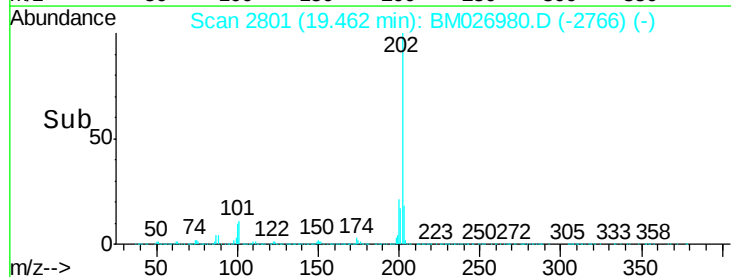
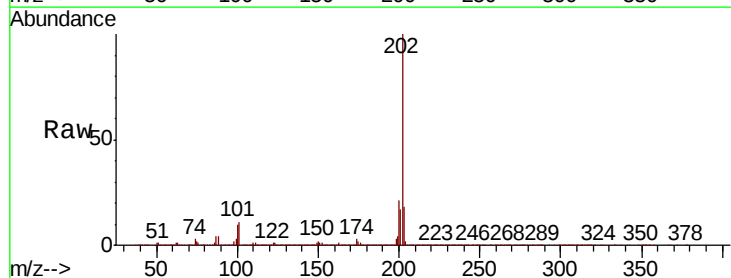
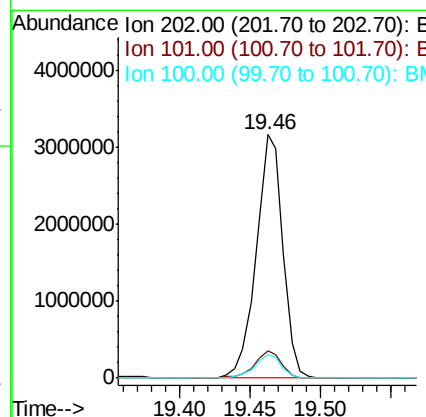
Manual Integrations
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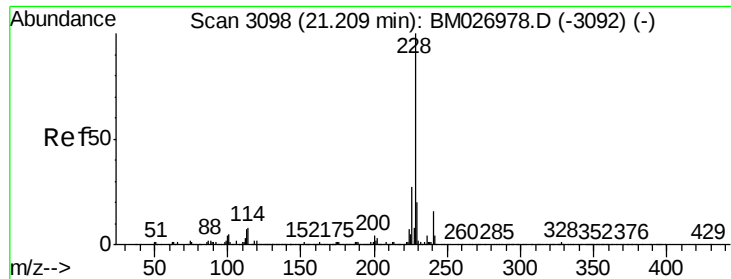
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#80
Pyrene
 Concen: 115.596 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM026980.D
 Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.2
100	9.5	8.2	12.4





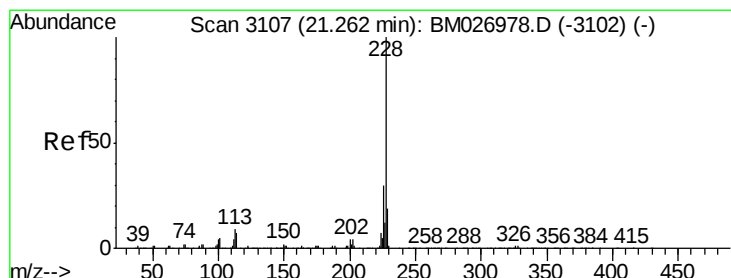
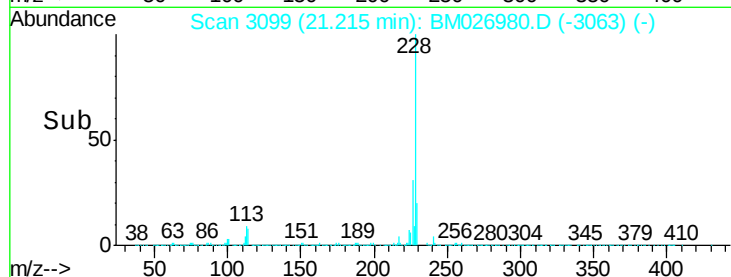
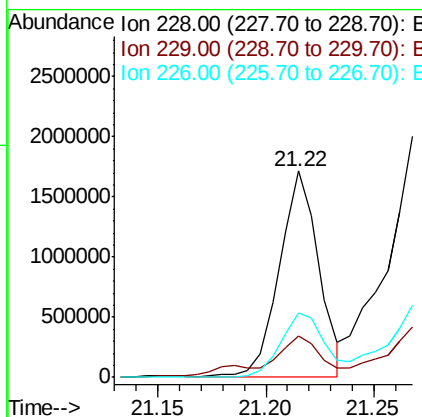
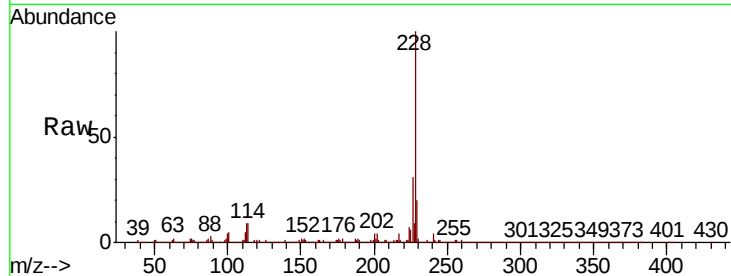
#83
Benzo(a)anthracene
Concen: 63.359 ng/ul m
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampled :
C0S91

Tot Ion:228 Resp: 2172241
Ion Ratio Lower Upper
228 100
229 20.3 15.4 23.2
226 31.5 20.9 31.3#

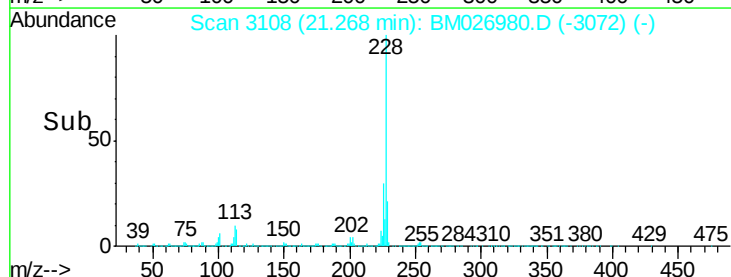
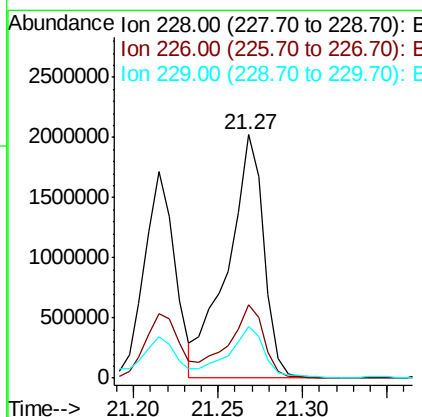
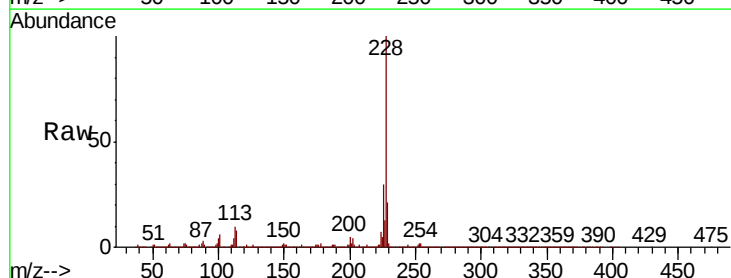
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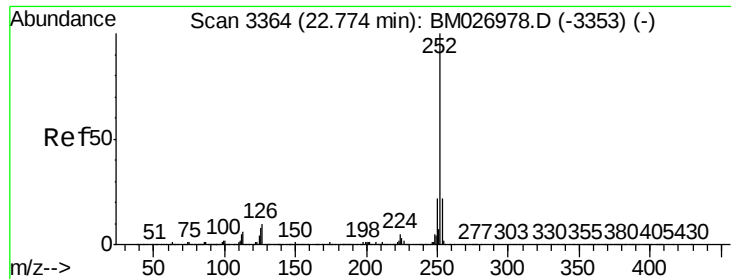
mohammad
8/5/2020 10:26:06 AM



#85
Chrysene
Concen: 89.278 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion:228 Resp: 2984900
Ion Ratio Lower Upper
228 100
226 29.9 23.2 34.8
229 21.0 15.5 23.3





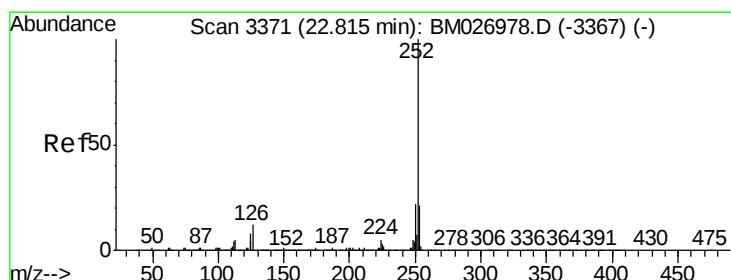
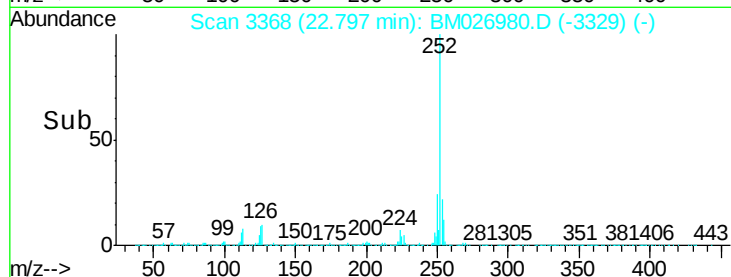
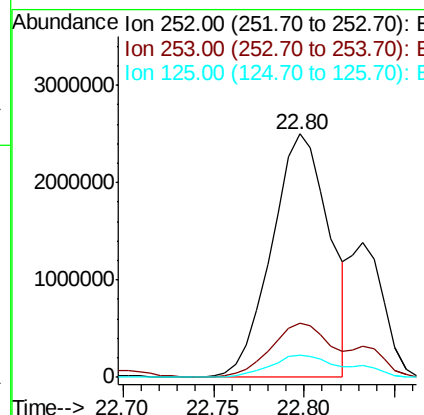
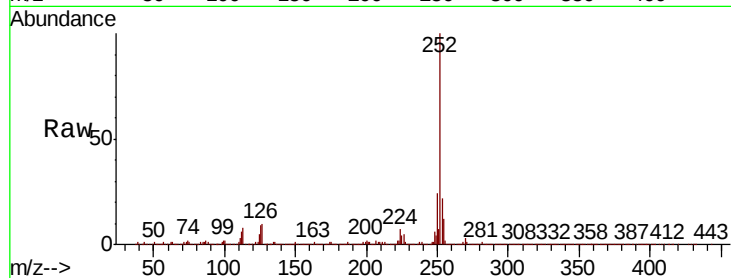
#88
Benzo(b)fluoranthene
Concen: 157.284 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.03 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampleId :
C0S91

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.0	6.6	10.0

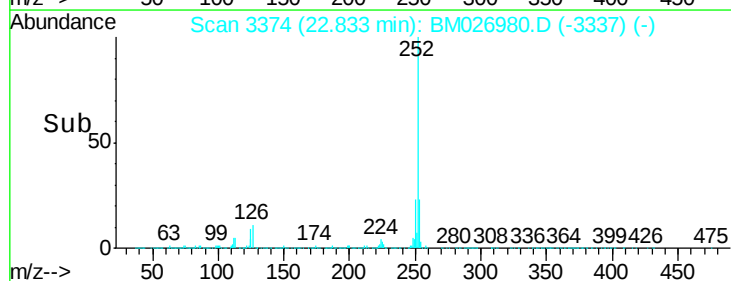
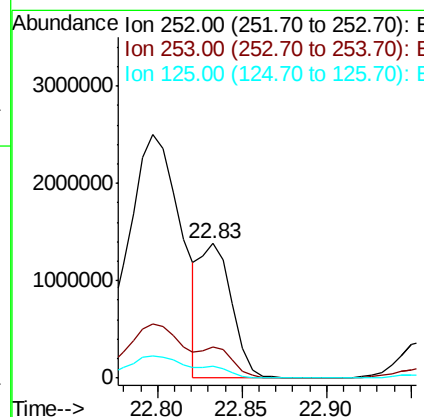
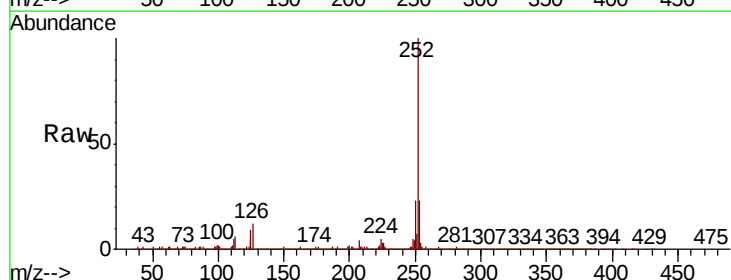
Manual Integrations
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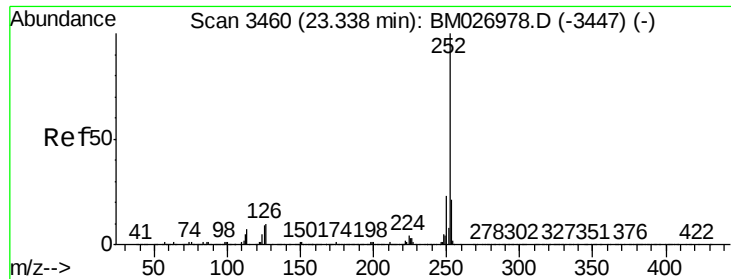
mohammad
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#89
Benzo(k)fluoranthene
Concen: 52.393 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.9	7.3	10.9





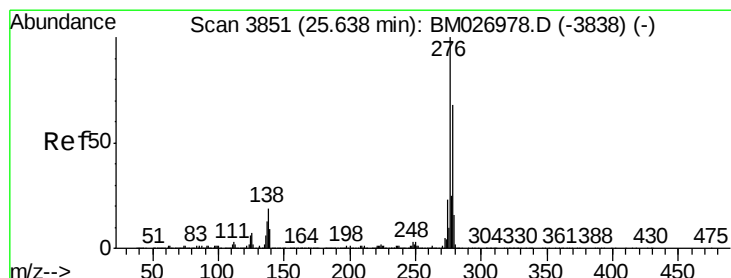
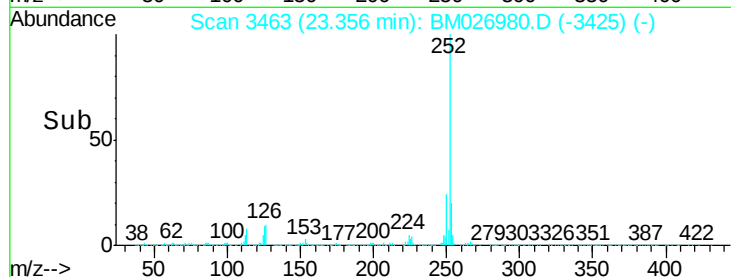
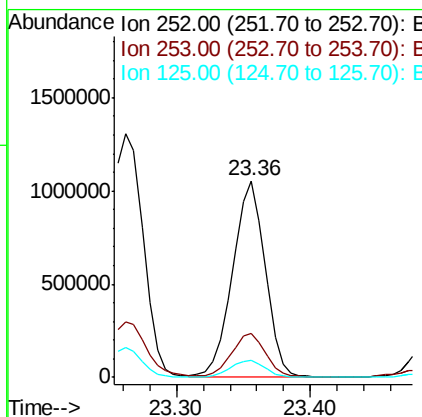
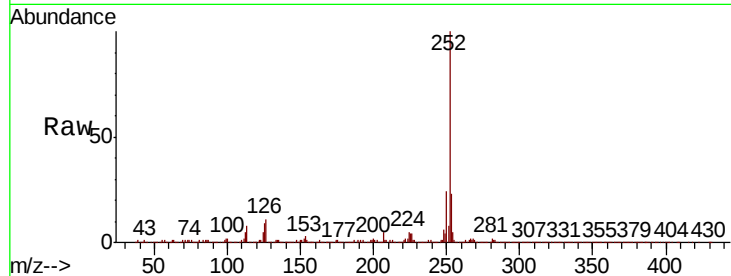
#91
Benzo(a)pyrene
Concen: 56.009 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.02 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampleId :
C0S91

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.9	8.2	12.2

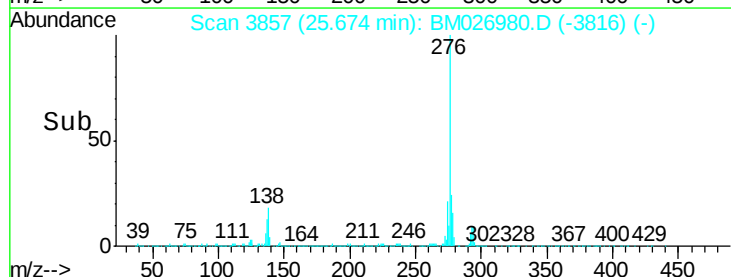
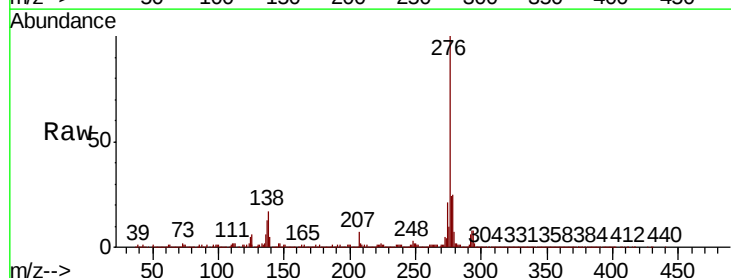
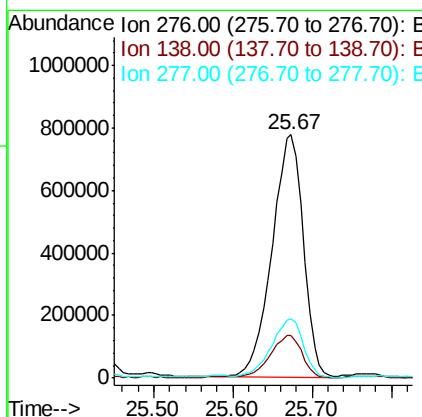
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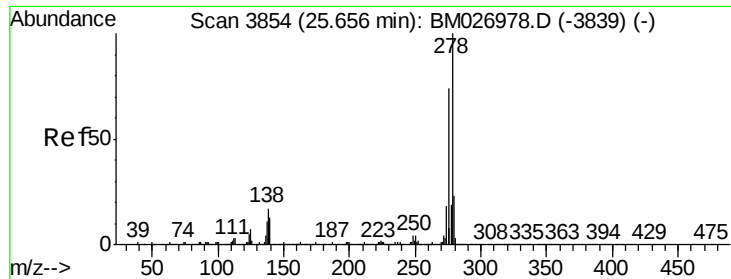
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 54.234 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.04 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.0	25.4
277	24.1	20.6	30.8





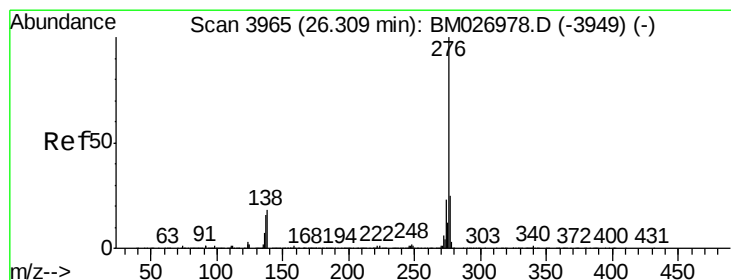
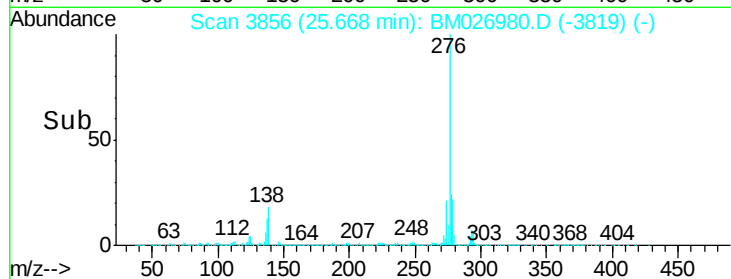
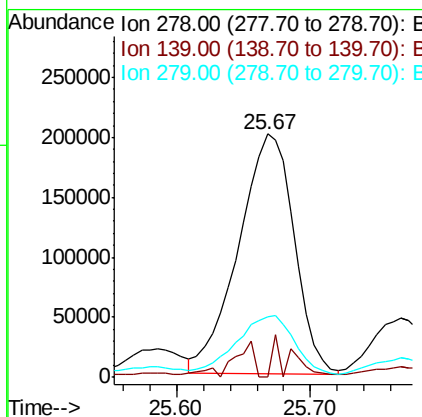
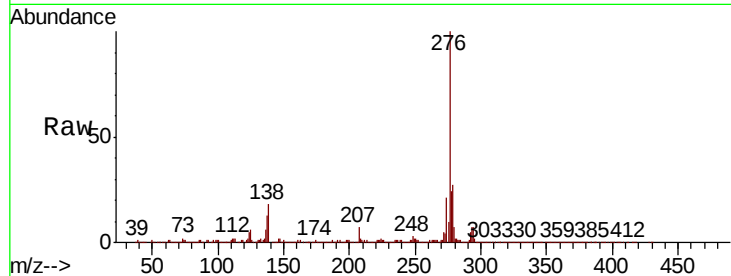
#93
Dibenzo(a,h)anthracene
Concen: 17.409 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Instrument :
BNA_M
ClientSampled :
C0S91

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	24.7	19.4	29.2

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 19.948 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. 0.03 min
Lab File: BM026980.D
Acq: 03 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.9	22.3
277	23.8	19.1	28.7

