Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031602.D
Acq On : 09 Aug 2021 14:18
Operator : CG/JU
Sample : M3244-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JCE07

Manual Integrations APPROVED
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8/10/2021 4:36:09 PM

Quant Time: Aug 09 14:53:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	3940	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	2453	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	4829	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4342	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4043	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	3767	3.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1808	0.272	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3873	0.267	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	1048	0.089	ng/ul#	84
7) 2-Methylnaphthalene	12.007	142	507	0.063	ng/ul	92
8) 1-Methylnaphthalene	12.227	142	290	0.037	ng/ul	96
10) Acenaphthylene	13.932	152	379	0.036	ng/ul#	53
11) Acenaphthene	14.273	153	238	0.027	ng/ul#	86
12) Fluorene	15.266	166	265	0.026	ng/ul#	84
14) Pentachlorophenol	16.617	266	183	0.118	ng/ul	98
15) Phenanthrene	17.003	178	3778	0.246	ng/ul	97
16) Anthracene	17.093	178	1016	0.071	ng/ul#	76
19) Fluoranthene	19.024	202	6339	0.342	ng/ul#	83
20) Pyrene	19.390	202	5722m	0.304	ng/ul	
21) Benzo(a)anthracene	21.142	228	2329	0.133	ng/ul#	77
22) Chrysene	21.195	228	7626	0.420	ng/ul#	93
24) Benzo(b)fluoranthene	22.682	252	5039m	0.277	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	1736m	0.092	ng/ul	
26) Benzo(a)pyrene	23.222	252	2222	0.139	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.461	276	2162	0.105	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.468	278	488	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	26.115	276	1929	0.110	ng/ul#	52

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

Quantitation Report (QT Reviewed)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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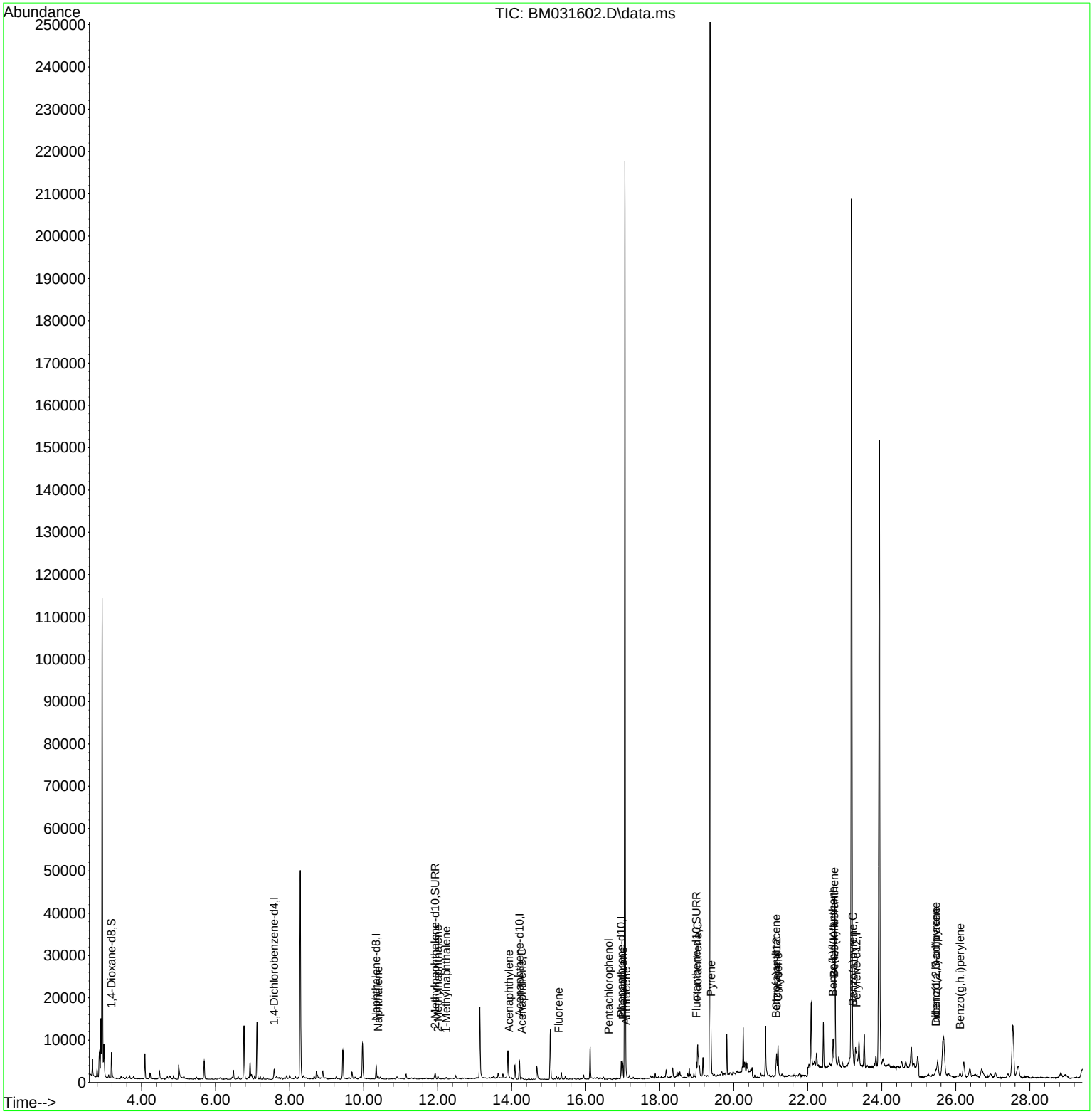
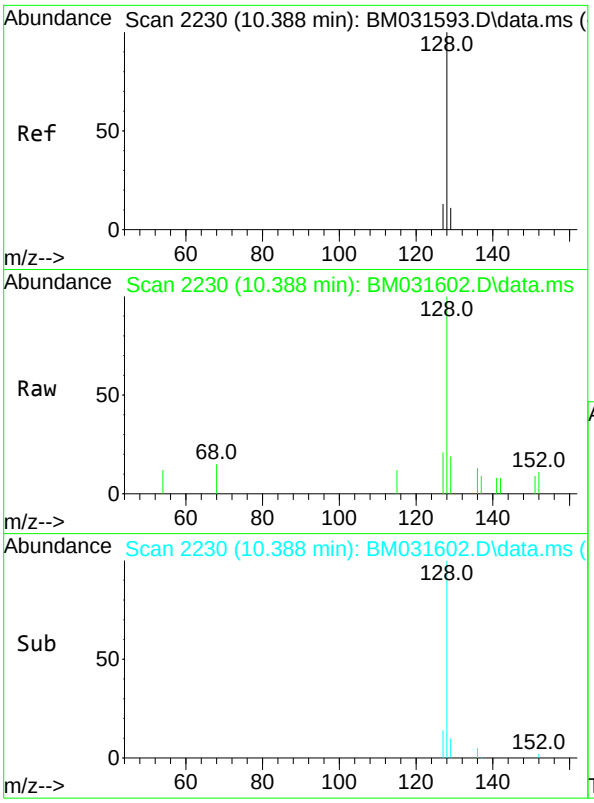
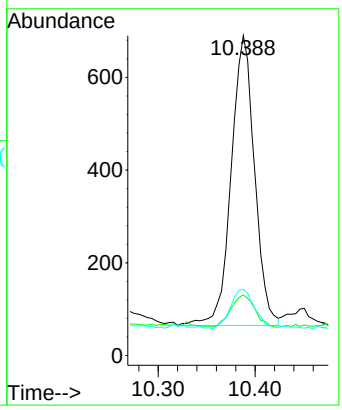




#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:128 Resp: 1048

Ion	Ratio	Lower	Upper
128	100		
129	19.0	10.0	15.0#
127	20.7	11.6	17.4#



Instrument :
BNA_M
ClientSampleId :
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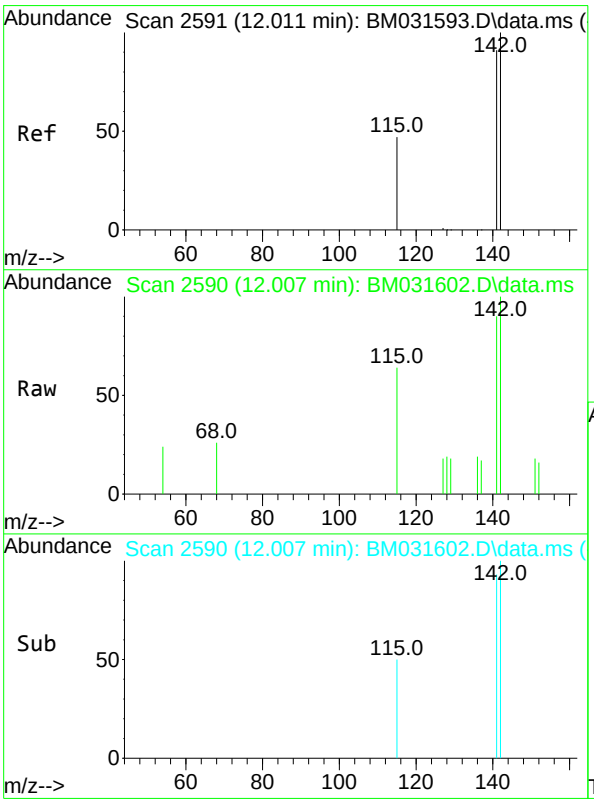
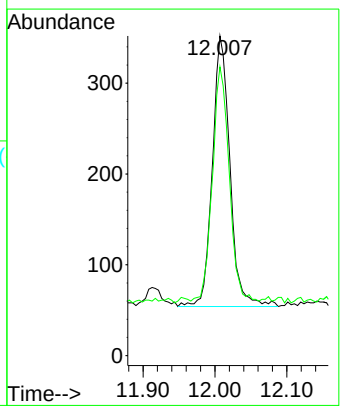
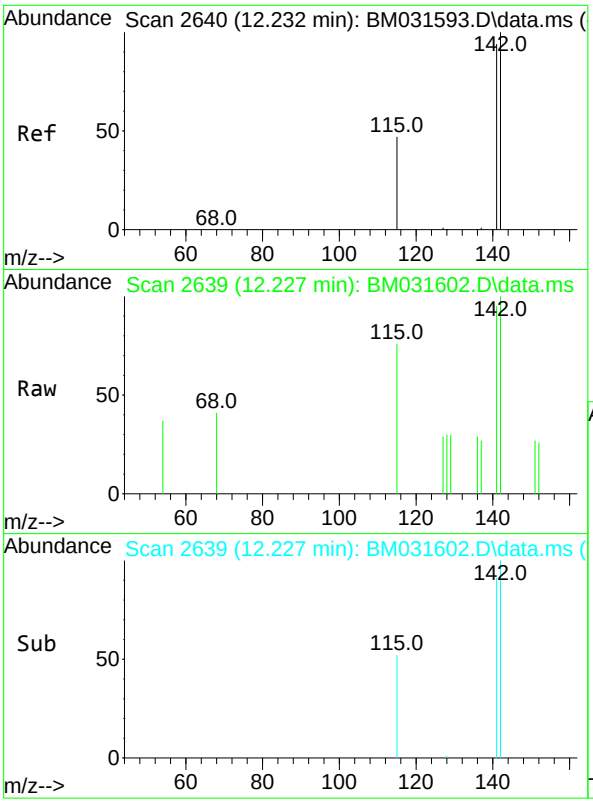


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:142 Resp: 507

Ion	Ratio	Lower	Upper
142	100		
141	82.1	71.4	107.0

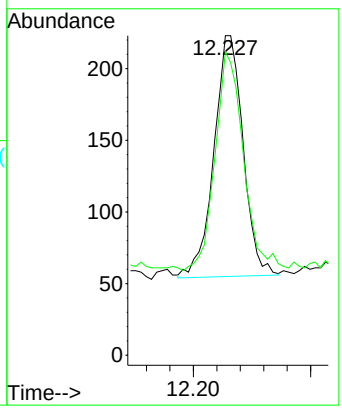




#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:142 Resp: 290

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
JCE07

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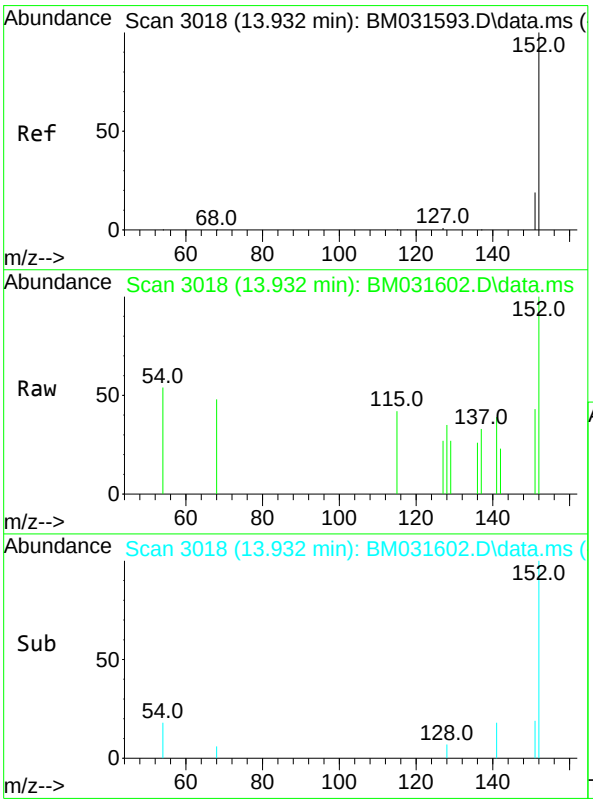
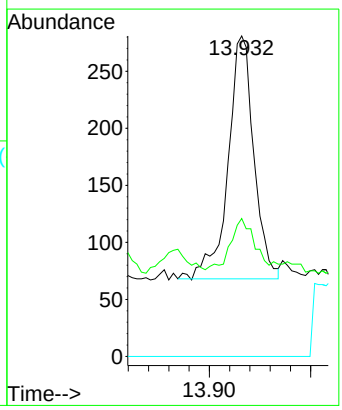
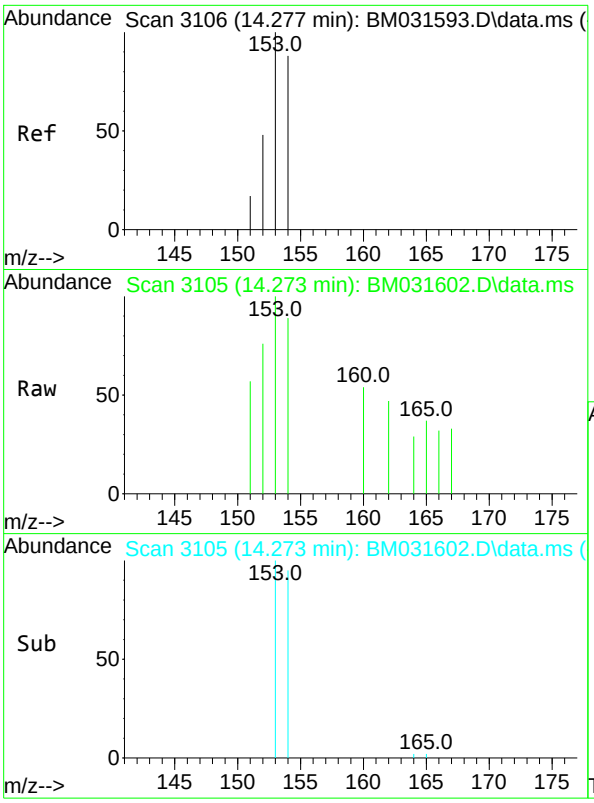


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:152 Resp: 379

Ion	Ratio	Lower	Upper
152	100		
151	43.1	16.9	25.3#
153	0.0	0.0	0.0

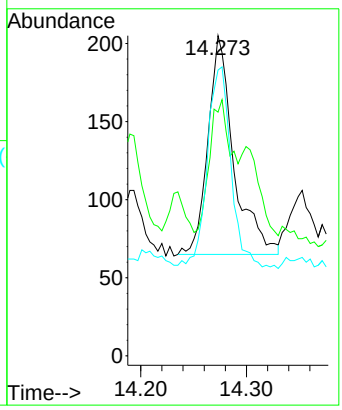




#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:153 Resp: 238

Ion	Ratio	Lower	Upper
153	100		
152	76.1	40.7	61.1#
154	89.3	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
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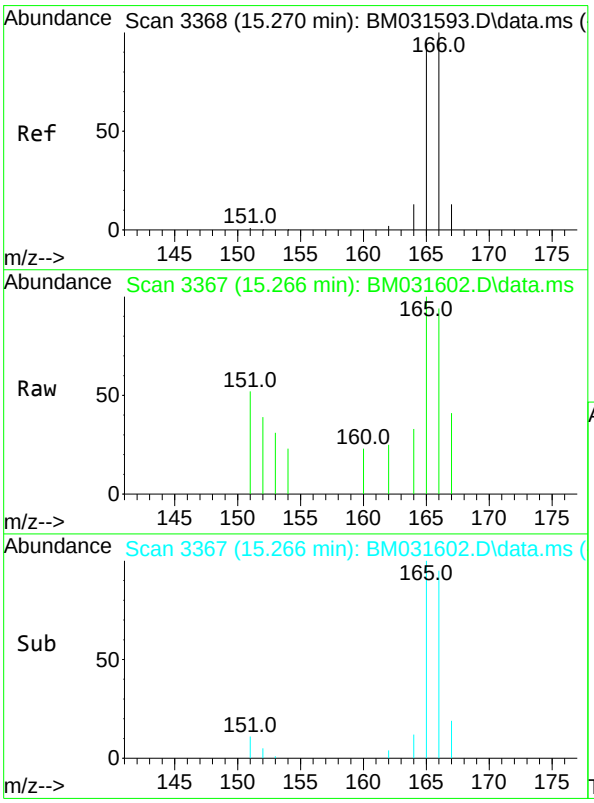
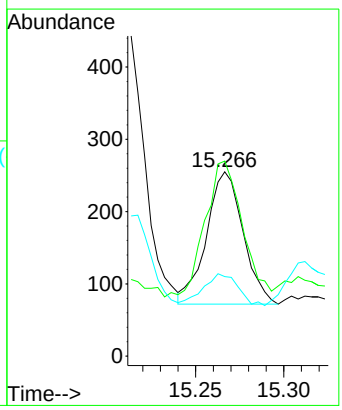
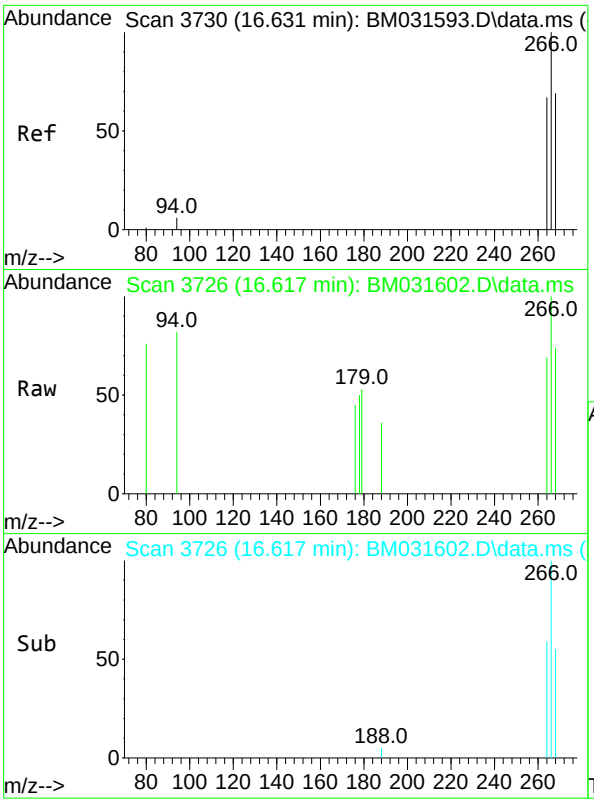


#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:166 Resp: 265

Ion	Ratio	Lower	Upper
166	100		
165	105.9	78.0	117.0
167	43.1	12.0	18.0#

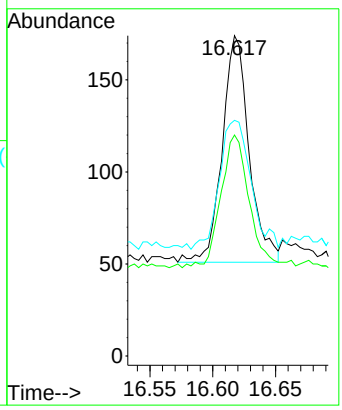




#14
Pentachlorophenol
Concen: 0.118 ng/ul
RT: 16.617 min Scan# 3726
Delta R.T. -0.014 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:266 Resp: 183

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.1	75.1
268	66.7	51.3	76.9



Instrument :
BNA_M
ClientSampleId :
JCE07

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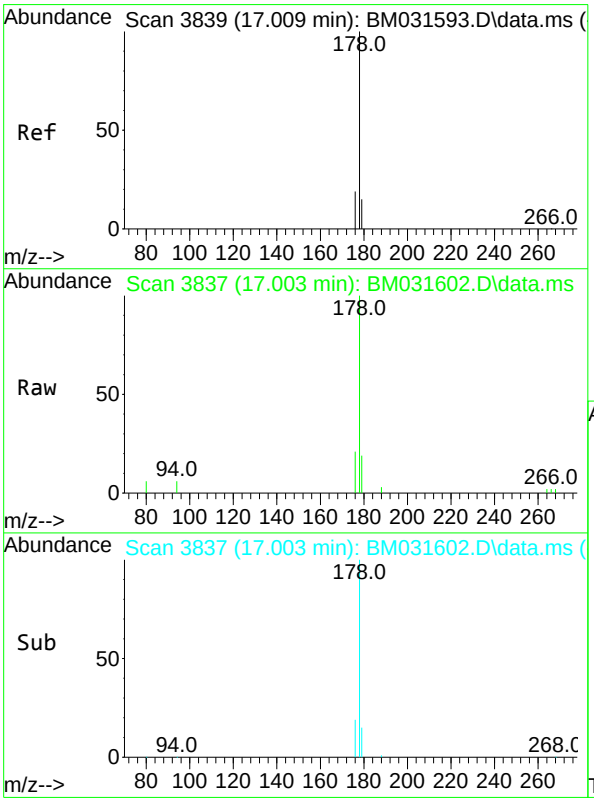
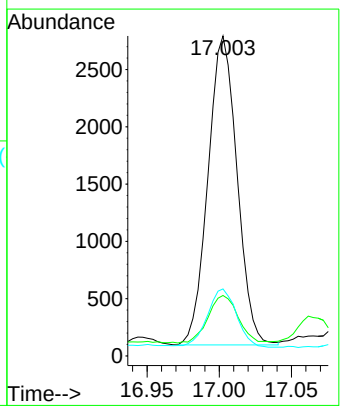
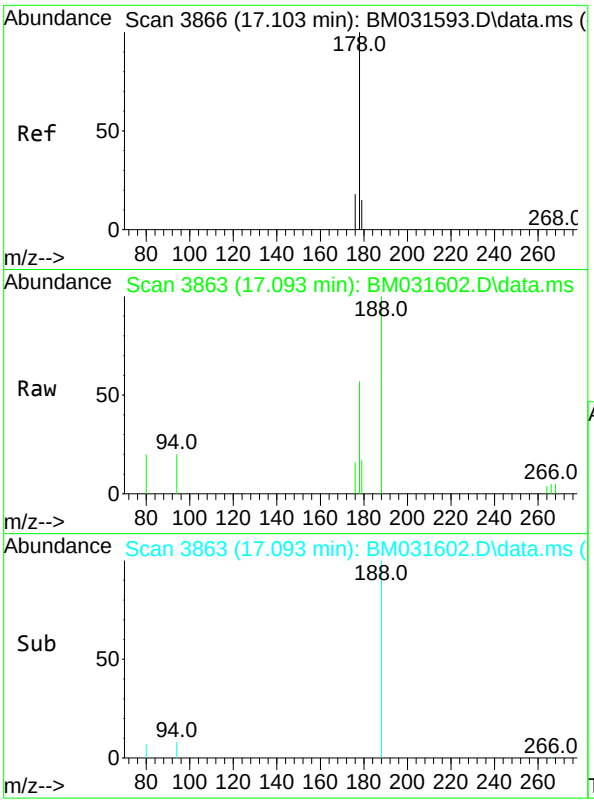


#15
Phenanthrene
Concen: 0.246 ng/ul
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:178 Resp: 3778

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.3	19.9
176	20.9	16.2	24.4

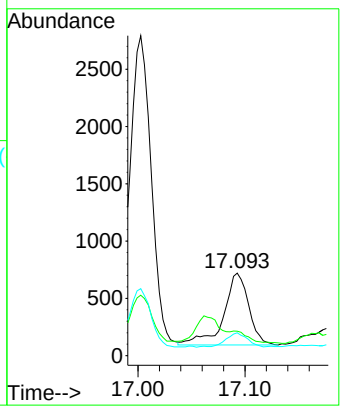




#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:178 Resp: 1016

Ion	Ratio	Lower	Upper
178	100		
179	29.7	13.0	19.6#
176	27.6	15.6	23.4#



Instrument :
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ClientSampleId :
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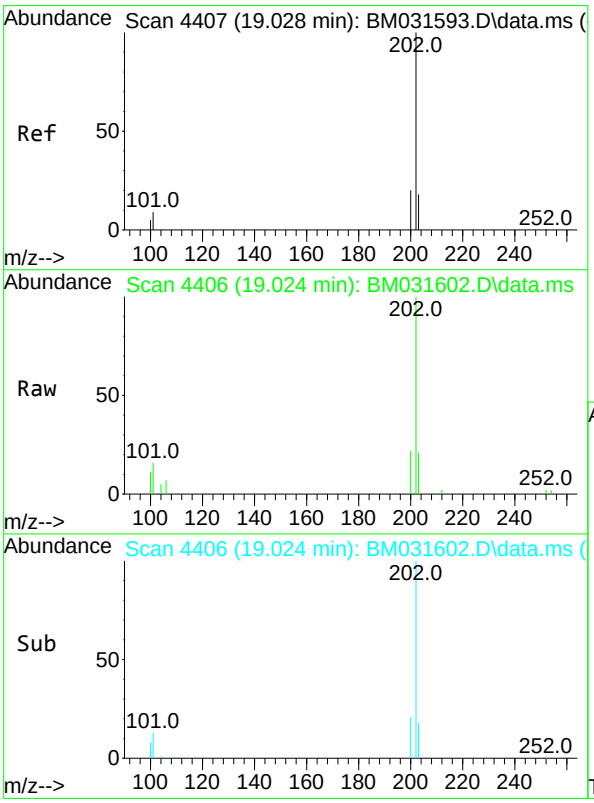
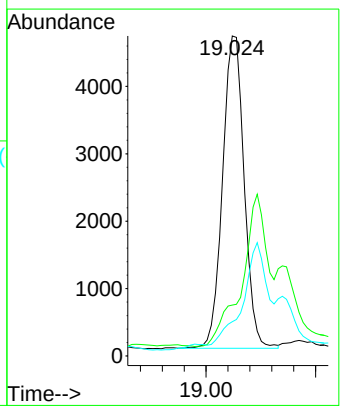
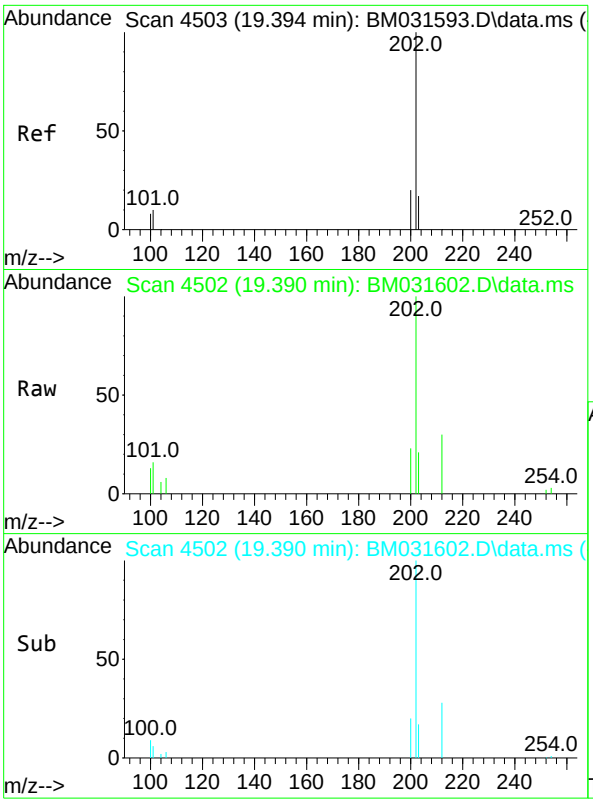


#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:202 Resp: 6339

Ion	Ratio	Lower	Upper
202	100		
101	15.9	6.6	10.0#
100	10.7	5.4	8.0#

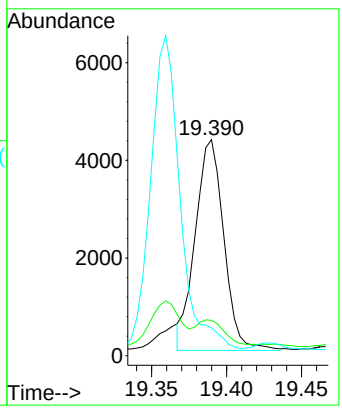


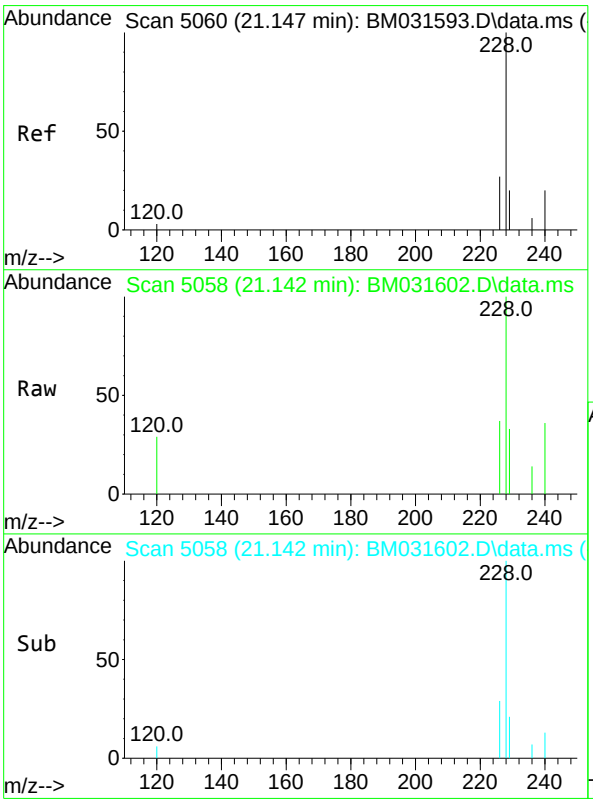


#20
Pyrene
Concen: 0.304 ng/ul m
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:202 Resp: 5722

Ion	Ratio	Lower	Upper
202	100		
101	16.4	7.8	11.6#
100	12.9	6.6	10.0#

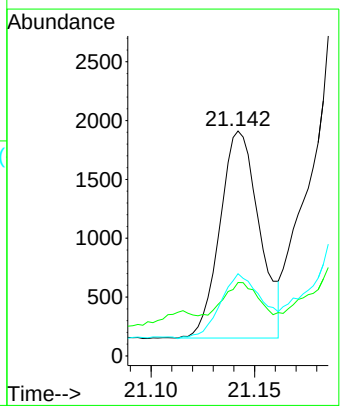




#21
Benzo(a)anthracene
Concen: 0.133 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:228 Resp: 2329

Ion	Ratio	Lower	Upper
228	100		
229	32.6	15.6	23.4#
226	36.5	21.7	32.5#



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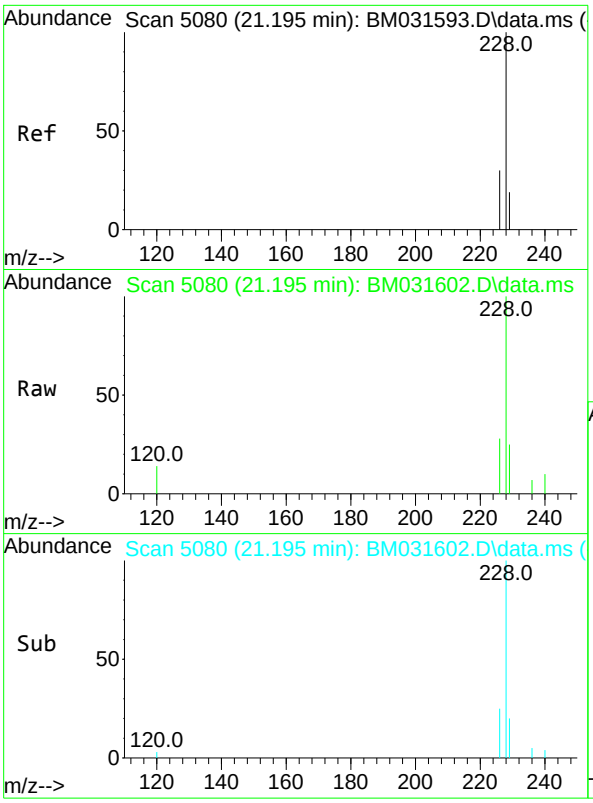
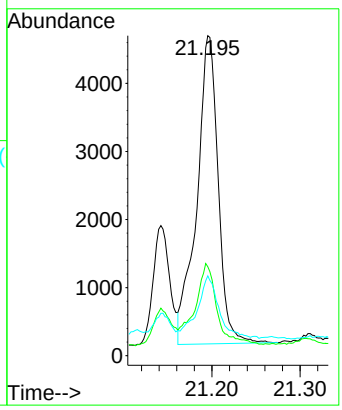


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. 0.000 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:228 Resp: 7626

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.7	37.1
229	24.9	16.2	24.2#



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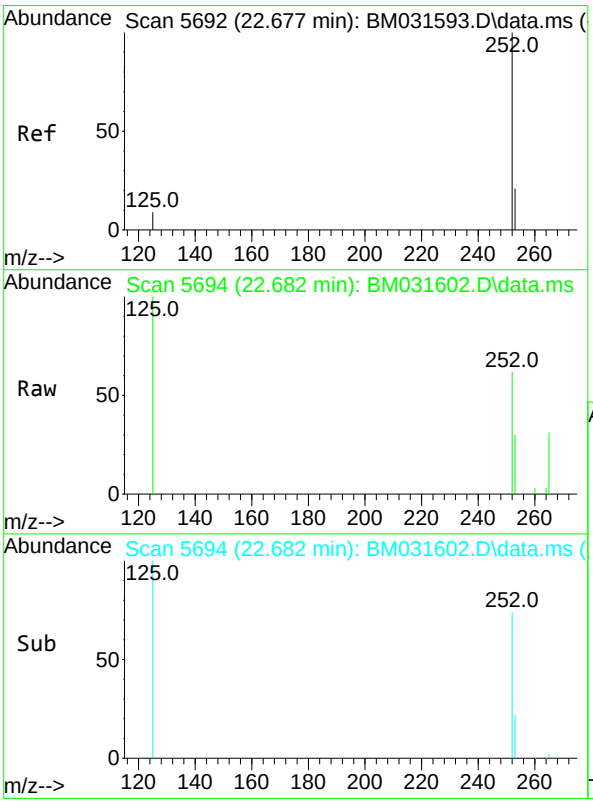
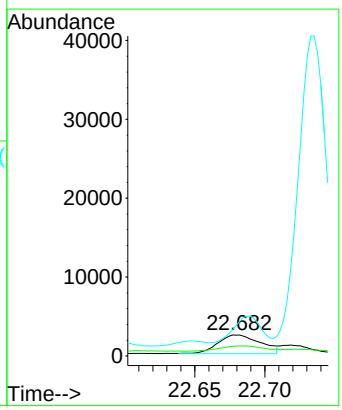
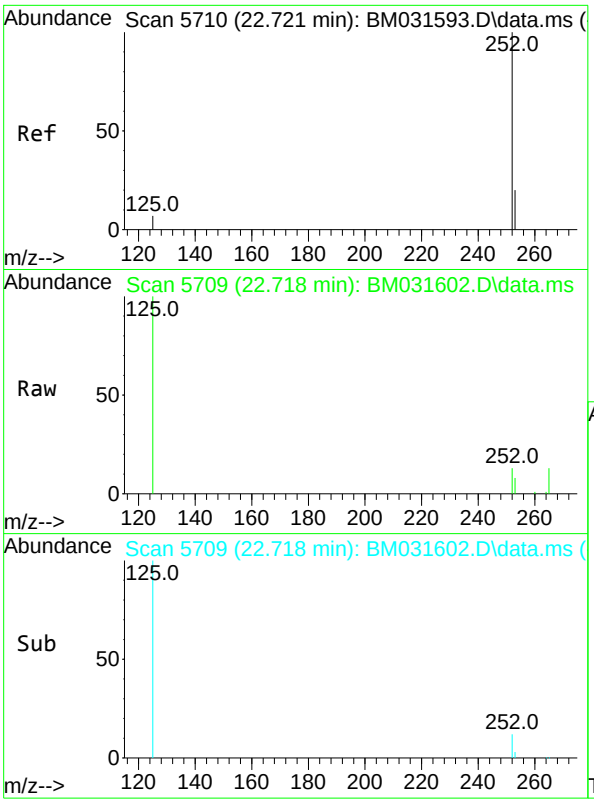


#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. 0.005 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:252 Resp: 5039

Ion	Ratio	Lower	Upper
252	100		
253	48.3	0.0	53.0
125	162.4	0.0	22.8#

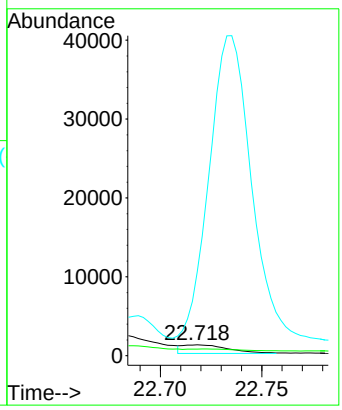




#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.002 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:252 Resp: 1736

Ion	Ratio	Lower	Upper
252	100		
253	60.8	21.3	31.9#
125	769.1	8.8	13.2#



Instrument :
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ClientSampleId :
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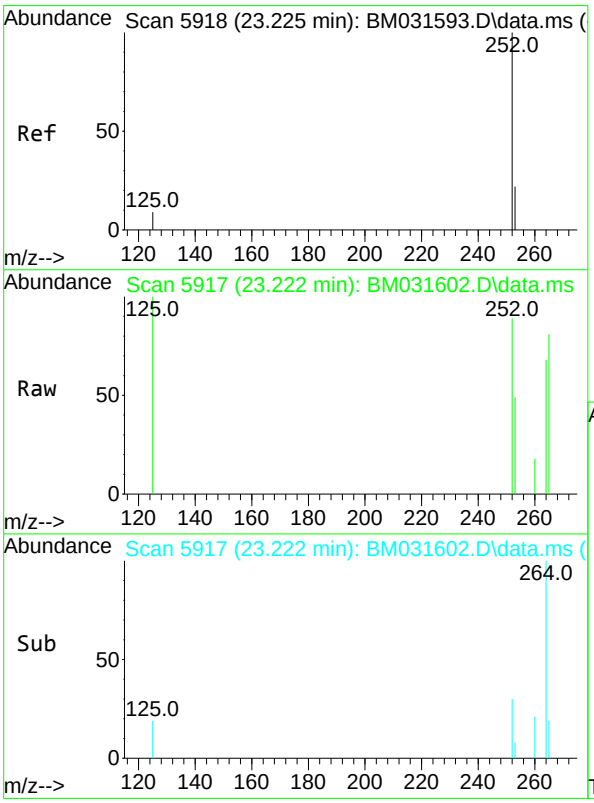
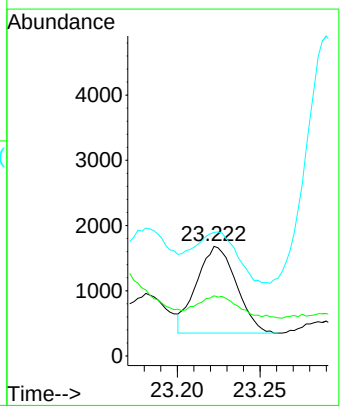
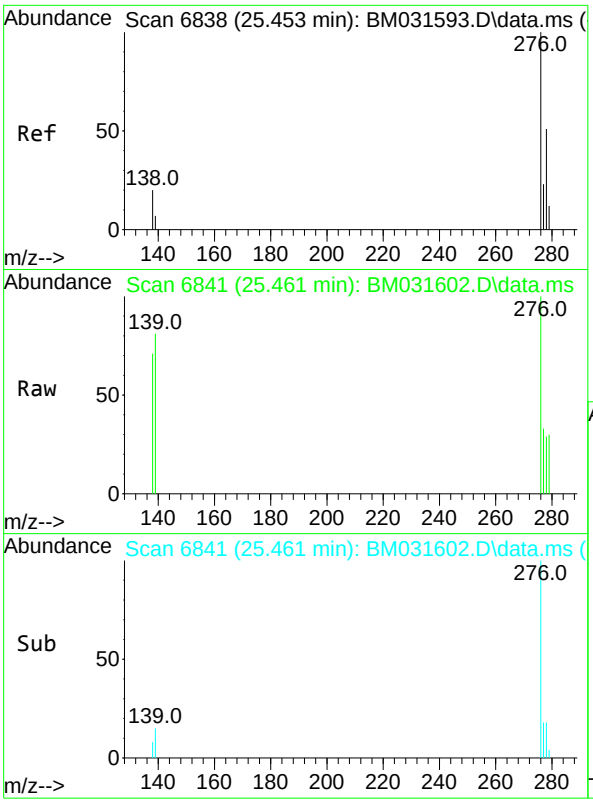


#26
Benzo(a)pyrene
Concen: 0.139 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.002 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:252 Resp: 2222

Ion	Ratio	Lower	Upper
252	100		
253	54.9	22.4	33.6#
125	112.7	13.0	19.4#

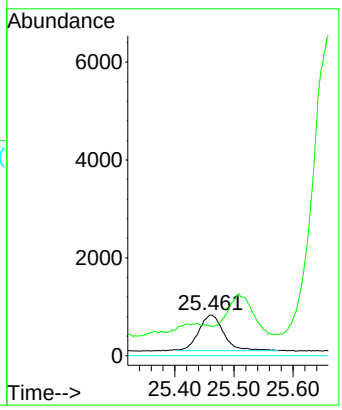


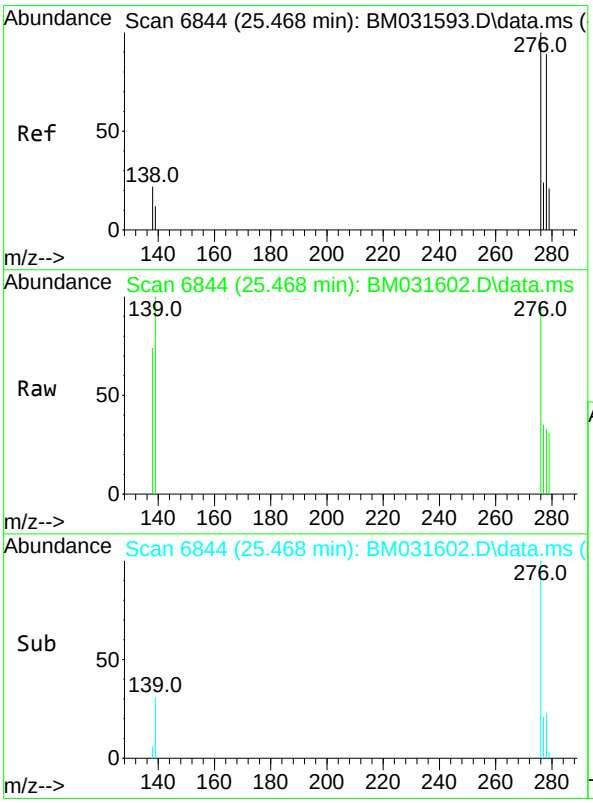


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. 0.007 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:276 Resp: 2162

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.8#
227	0.0	0.0	0.0

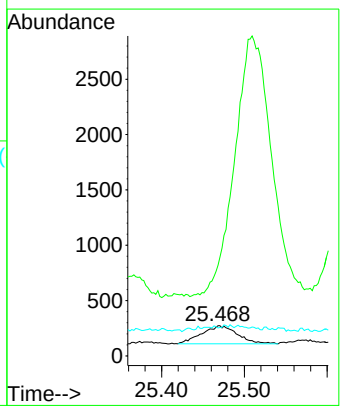




#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. 0.000 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:278 Resp: 488

Ion	Ratio	Lower	Upper
278	100		
139	300.4	13.3	19.9#
279	92.7	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
JCE07

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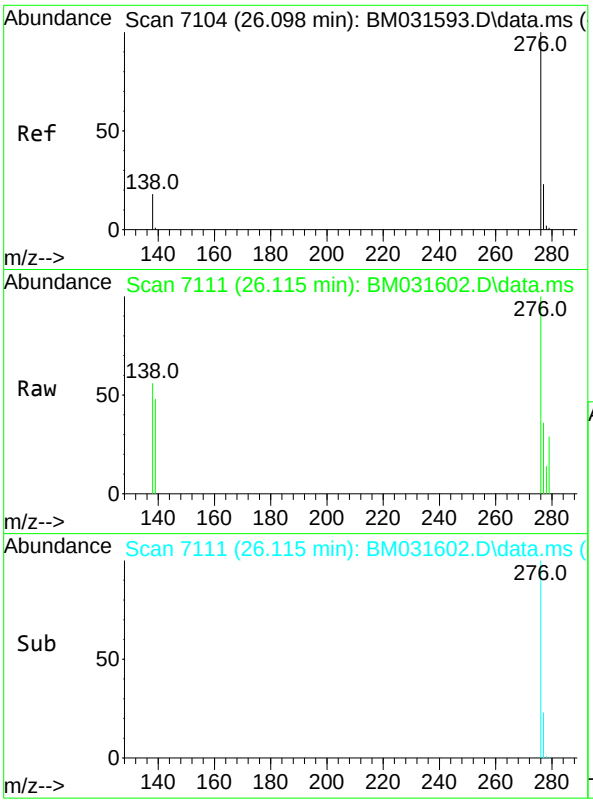
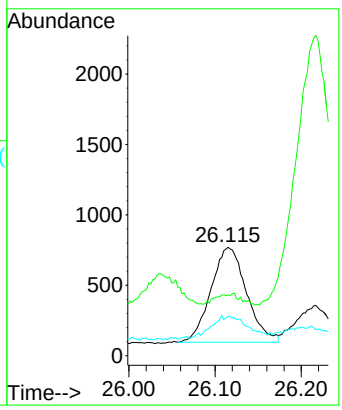


#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.115 min Scan# 7111
Delta R.T. 0.017 min
Lab File: BM031602.D
Acq: 09 Aug 2021 14:18

Tgt Ion:276 Resp: 1929

Ion	Ratio	Lower	Upper
276	100		
138	56.0	15.4	23.2#
277	36.4	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
JCE07

Manual Integrations APPROVED
mohammad
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