Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025516.D
Acq On : 12 Mar 2020 11:05
Operator : CG/JU
Sample : L1677-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:42:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 04:33:15 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0CD8

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min) / Qvalue
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.66	152	2324	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	9936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	16698	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	12043	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	12143	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5464	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14092	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	912	0.031	ng/ul#	81
5) 2-Methylnaphthalene	12.09	142	644	0.031	ng/ul	98
7) Acenaphthylene	14.00	152	710	0.025	ng/ul#	75
9) Fluorene	15.33	166	937	0.030	ng/ul#	94
12) Phenanthrene	17.07	178	11468	0.217	ng/ul	98
13) Anthracene	17.16	178	2874	0.062	ng/ul#	92
15) Fluoranthene	19.09	202	16740	0.292	ng/ul	98
17) Pyrene	19.45	202	12863m	0.238	ng/ul	
18) Benzo(a)anthracene	21.20	228	6155	0.143	ng/ul#	92
19) Chrysene	21.25	228	7188m	0.149	ng/ul	
21) Benzo(b)fluoranthene	22.75	252	7366m	0.153	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	2785m	0.055	ng/ul	
23) Benzo(a)pyrene	23.31	252	4184	0.105	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.57	276	3035	0.056	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.59	278	1108	0.024	ng/ul#	27
26) Benzo(g,h,i)perylene	26.24	276	2698	0.057	ng/ul#	83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025516.D
Acq On : 12 Mar 2020 11:05
Operator : CG/JU
Sample : L1677-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:42:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 04:33:15 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0CD8

Manual Integrations APPROVED
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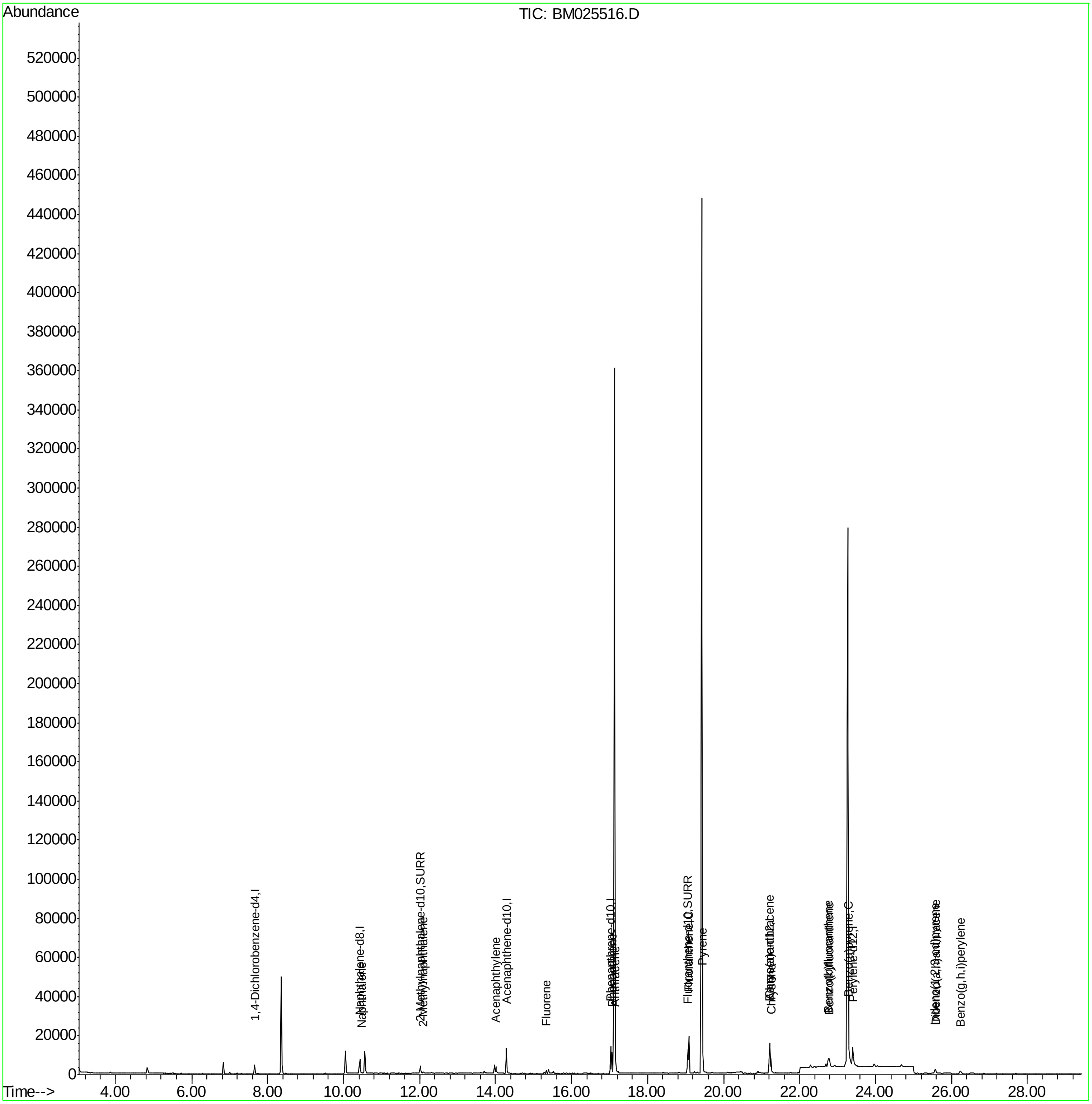

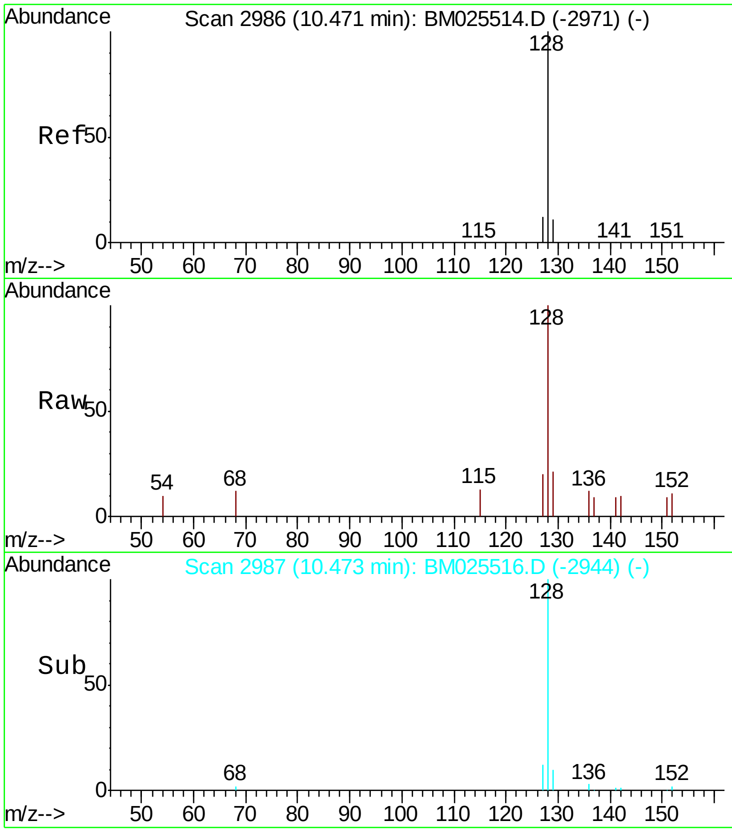

#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.47 min   Scan# 2987
Delta R.T.   -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020   11:05

Instrument :
BNA_M
ClientSampleId :
C0CD8

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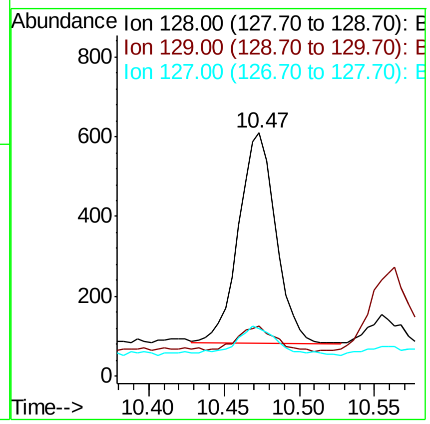
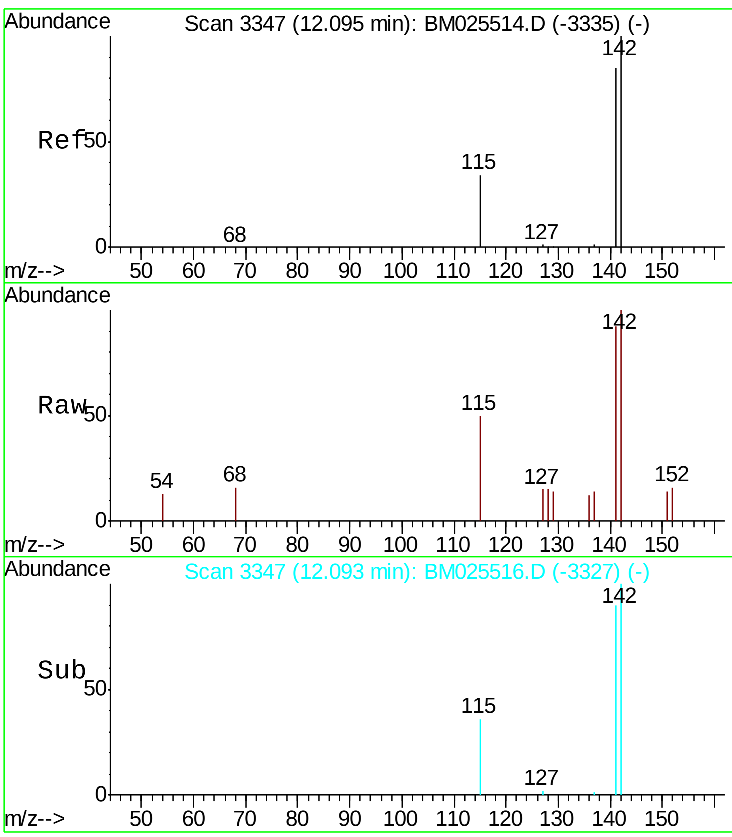
Tgt Ion:128 Resp: 912

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.4	14.0#
127	19.7	10.9	16.3#

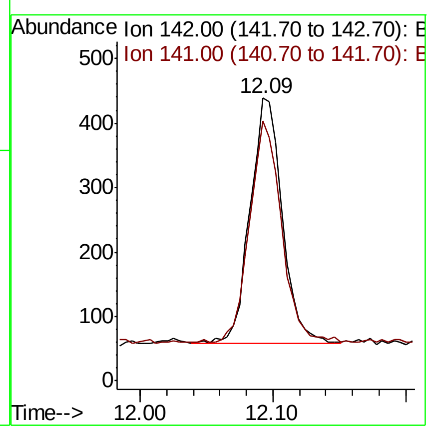


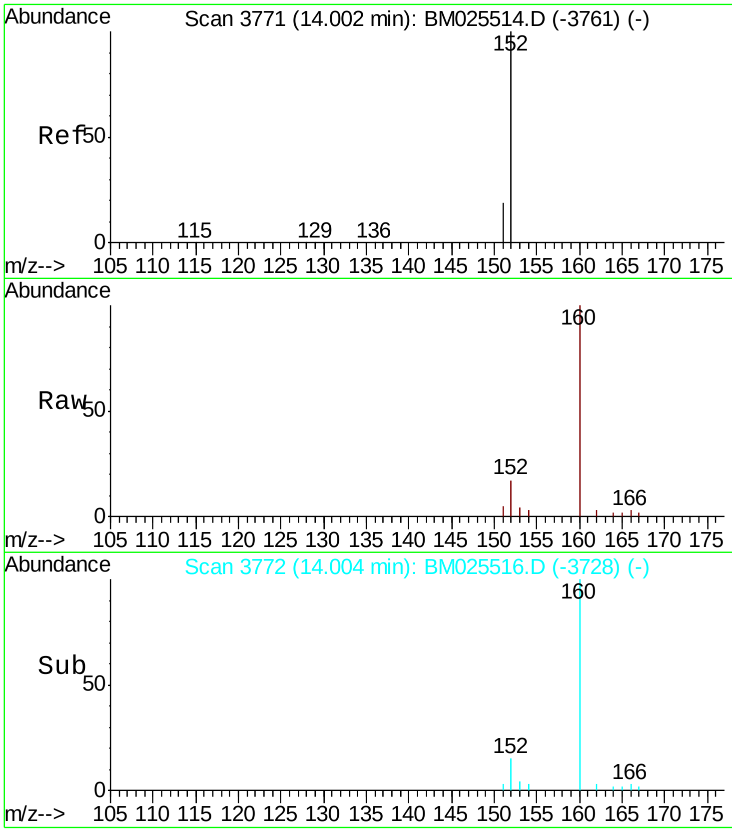


#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.09 min   Scan# 3347
Delta R.T.   -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020   11:05

Tgt Ion:142 Resp: 644

Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6





#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.00 min   Scan# 3772
Delta R.T.   -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:152 Resp: 710

Ion	Ratio	Lower	Upper
152	100		
151	31.0	16.2	24.2#
153	24.5	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
C0CD8

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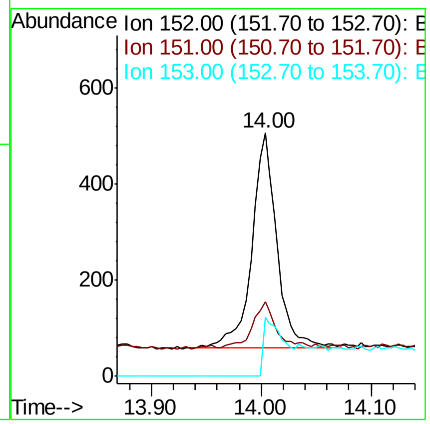
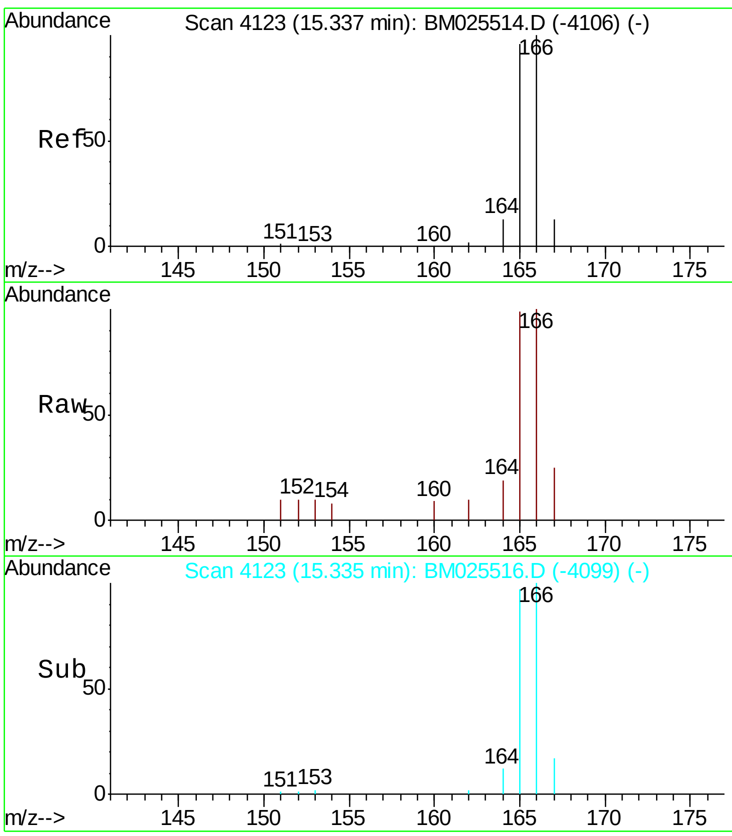
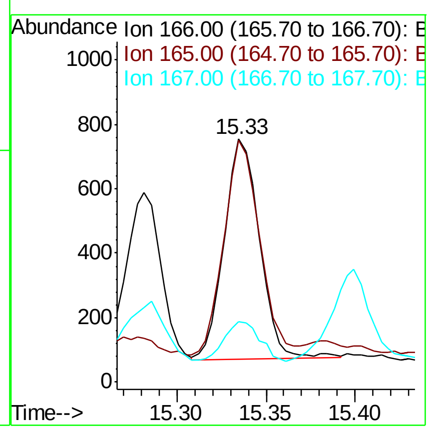


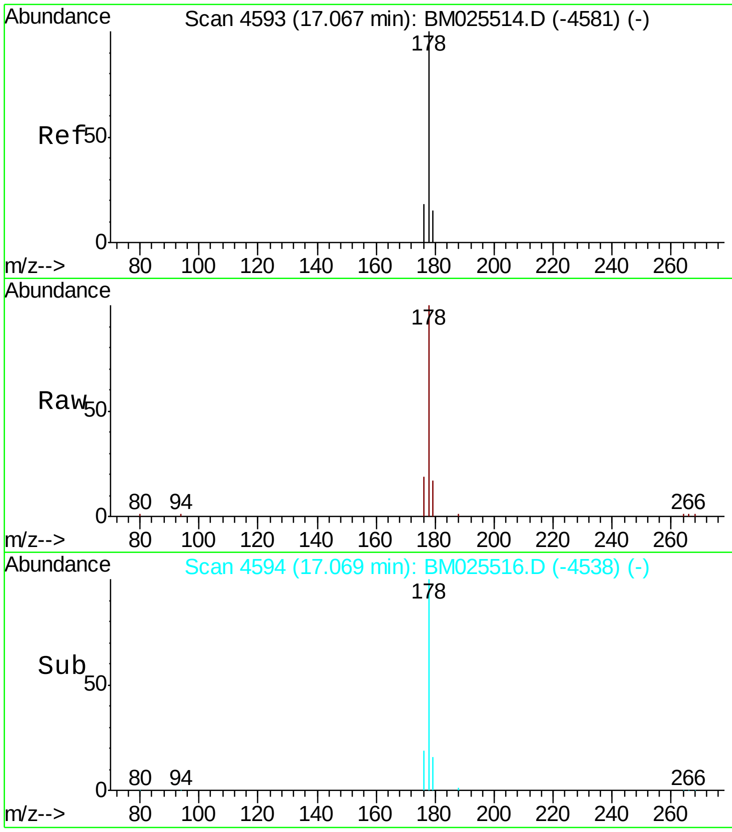


#9
Fluorene
Concen: 0.030 ng/ul
RT: 15.33 min   Scan# 4123
Delta R.T.   -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:166 Resp: 937

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.8	115.2
167	24.8	11.2	16.8#





#12
Phenanthrene
Concen: 0.217 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Instrument :
BNA_M
ClientSampleId :
C0CD8

Tgt Ion:178 Resp: 11468

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	19.2	14.8	22.2

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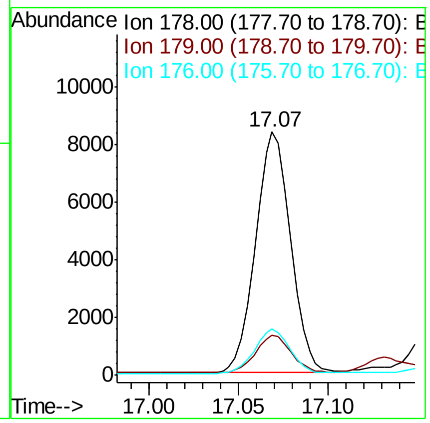
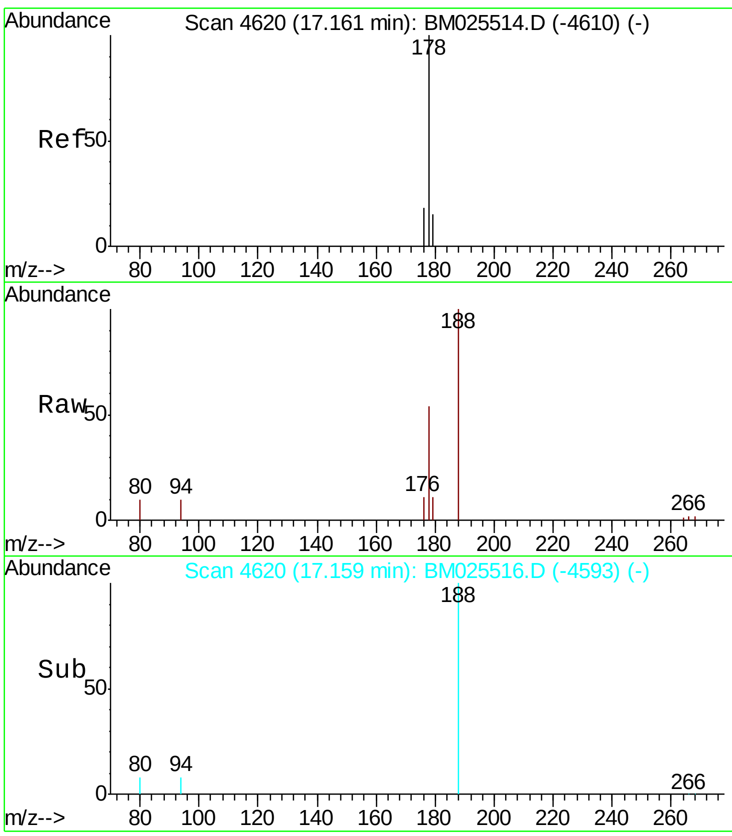
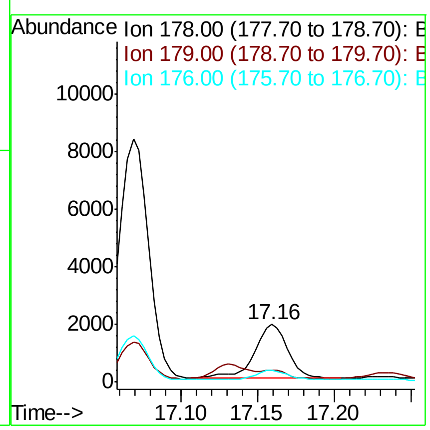


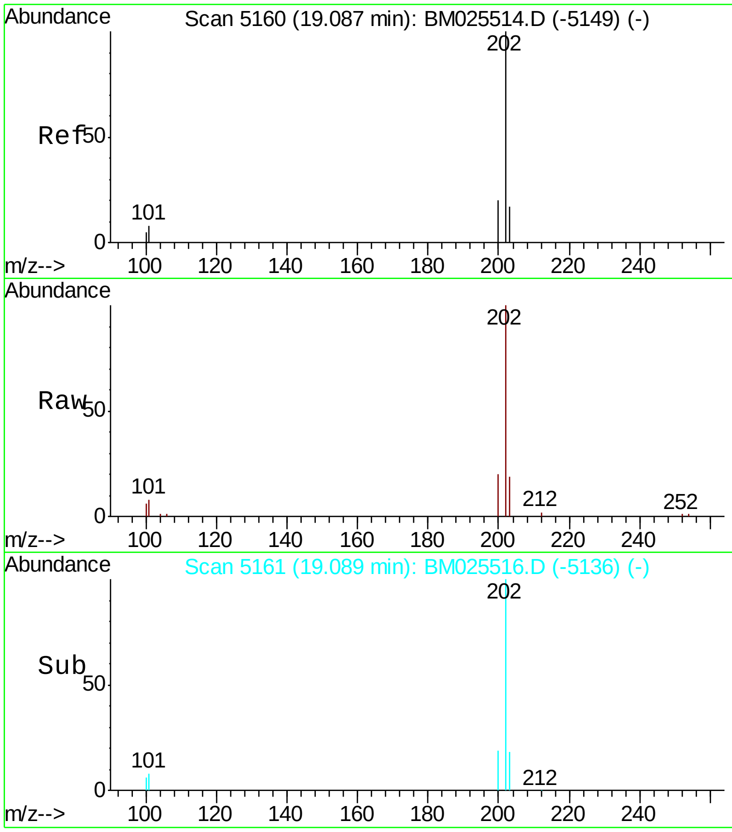


#13
Anthracene
Concen: 0.062 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:178 Resp: 2874

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.6	18.8#
176	20.8	14.5	21.7





#15
Fluoranthene
Concen: 0.292 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:202 Resp: 16740

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.4	0.0	26.0

Instrument :
BNA_M
ClientSampleId :
C0CD8

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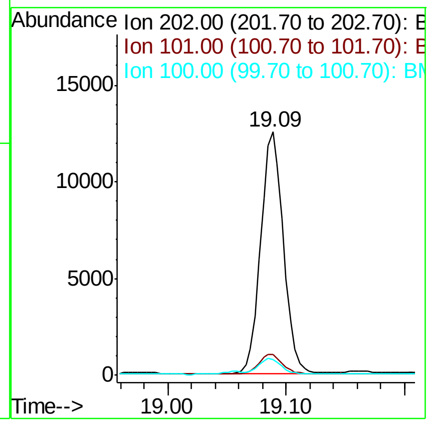
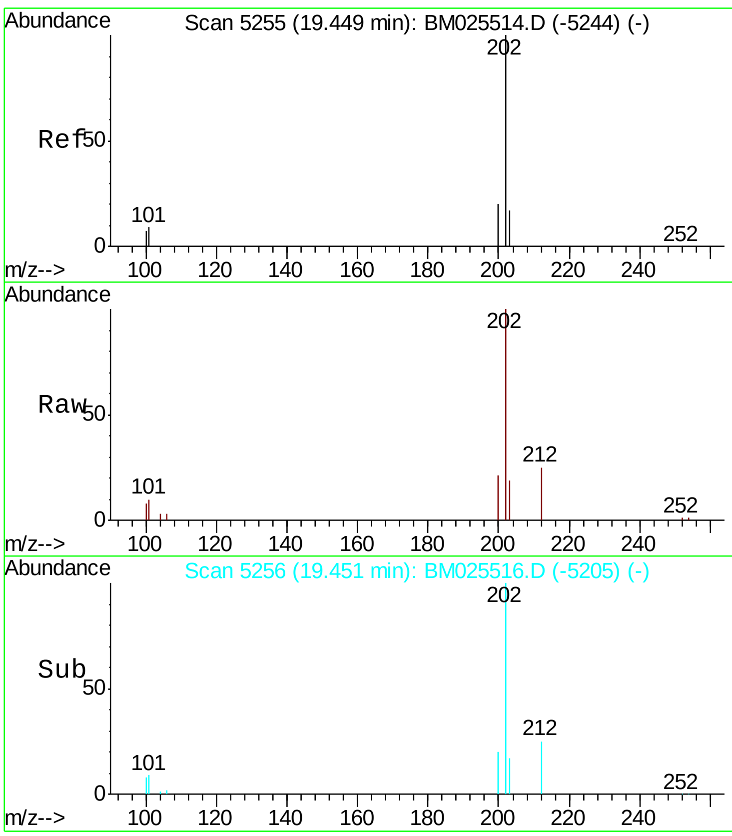
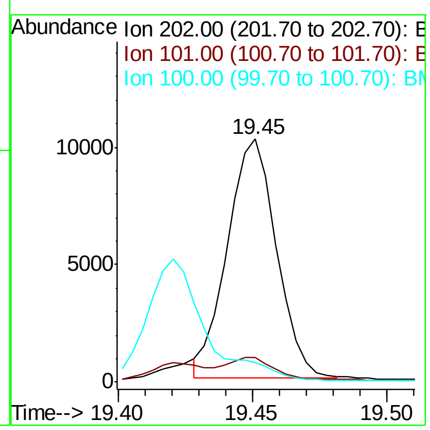


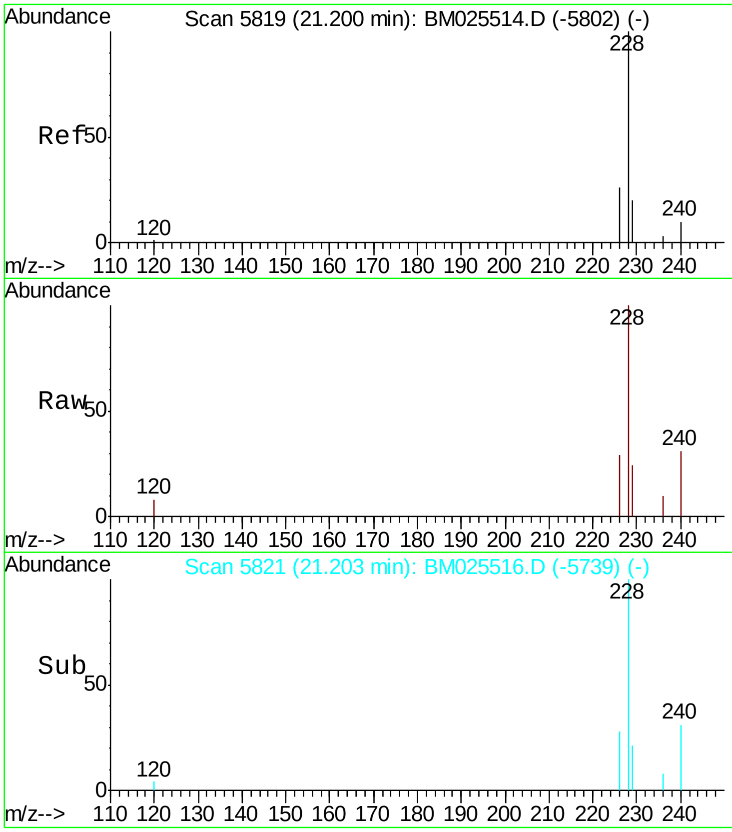


#17
Pyrene
Concen: 0.238 ng/ul m
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:202 Resp: 12863

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.1	10.7
100	8.3	6.0	9.0





#18
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.20 min   Scan# 5821
Delta R.T.   -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:228 Resp: 6155

Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.6	23.4#
226	29.3	21.1	31.7

Instrument :
BNA_M
ClientSampleId :
C0CD8

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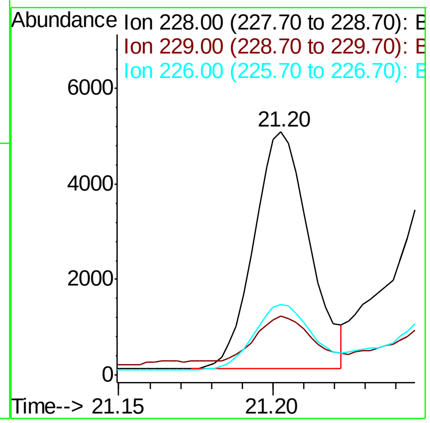
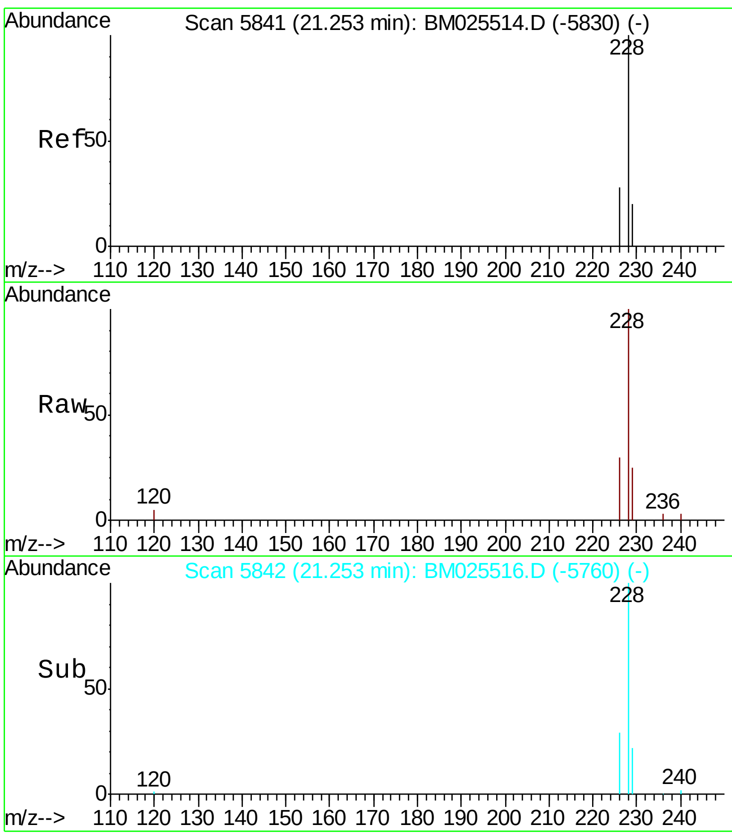
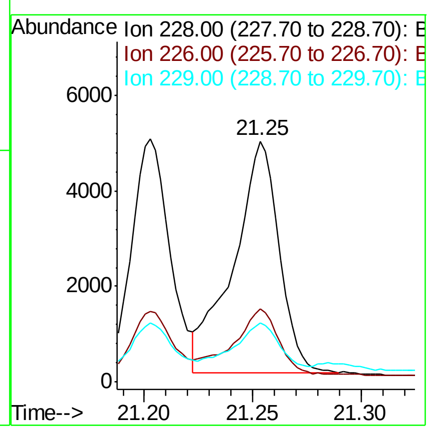


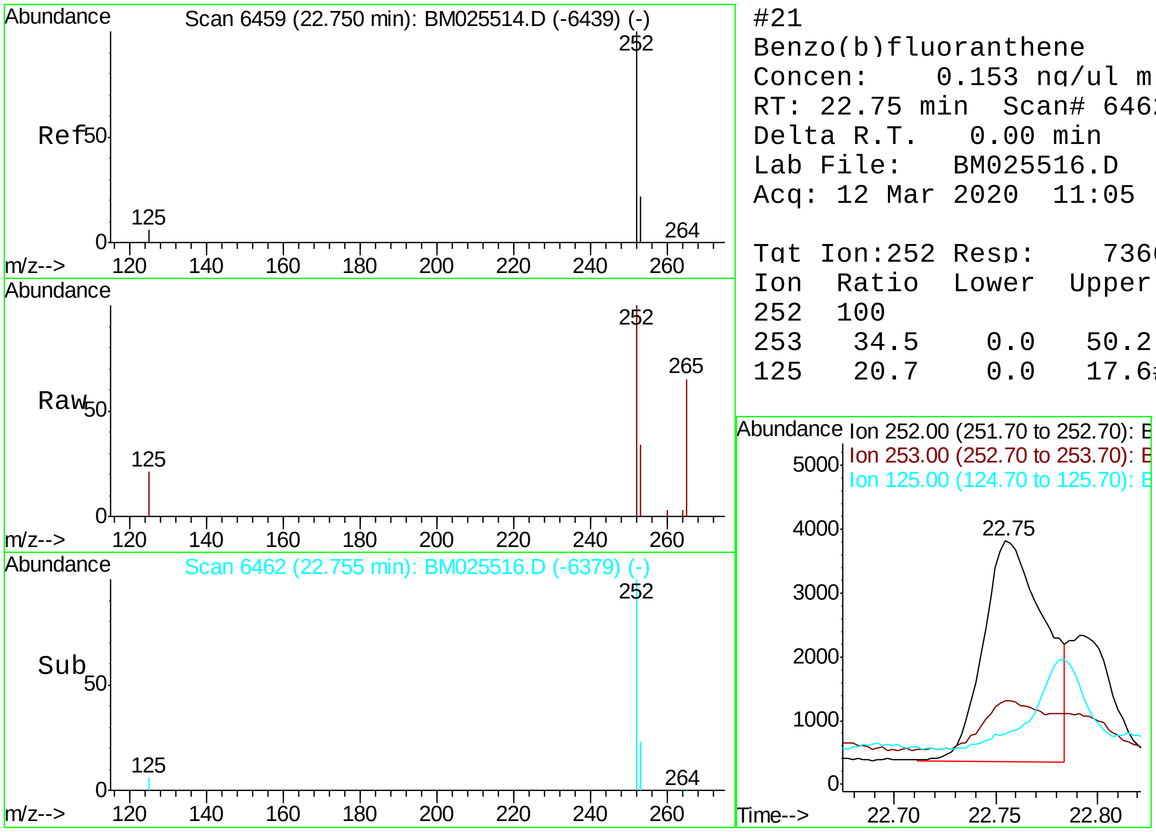


#19
Chrysene
Concen: 0.149 ng/ul m
RT: 21.25 min   Scan# 5842
Delta R.T.   -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:228 Resp: 7188

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	24.7	16.3	24.5#





#21
Benzo(b)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.75 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:252 Resp: 7366

Ion	Ratio	Lower	Upper
252	100		
253	34.5	0.0	50.2
125	20.7	0.0	17.6#

Instrument : BNA_M
ClientSampleId : C0CD8

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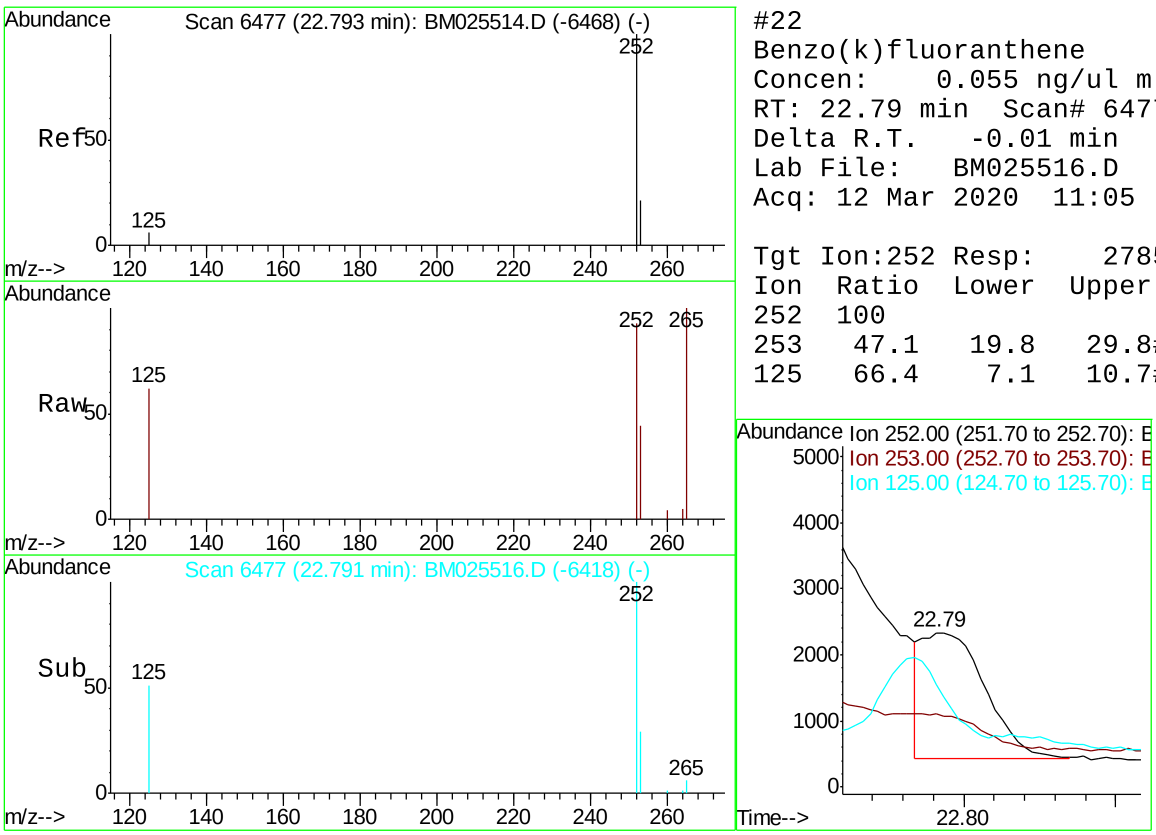
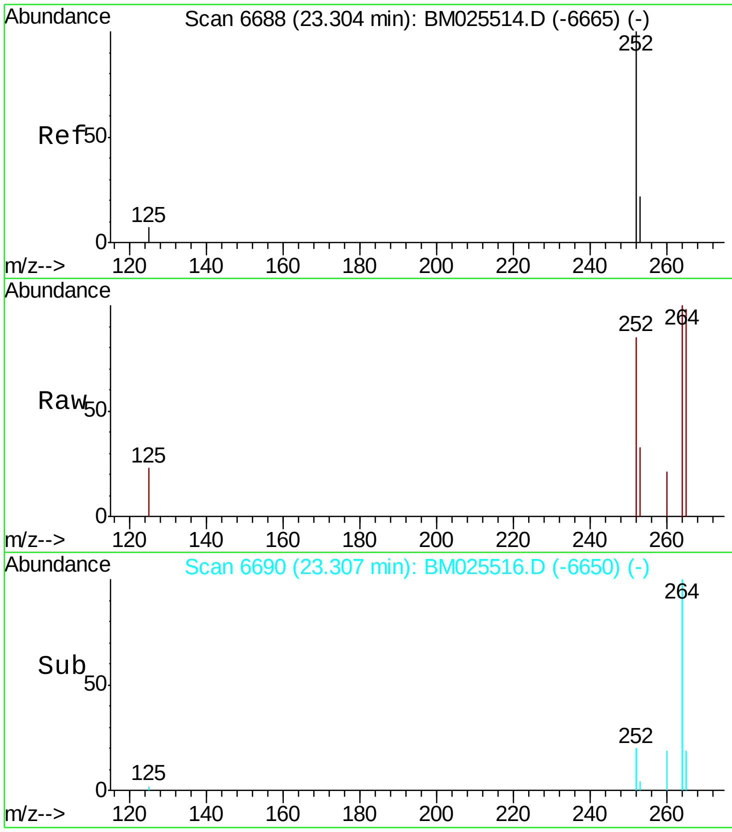


#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:252 Resp: 2785

Ion	Ratio	Lower	Upper
252	100		
253	47.1	19.8	29.8#
125	66.4	7.1	10.7#



#23
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Instrument :
BNA_M
ClientSampleId :
C0CD8

Tgt Ion:252 Resp: 4184

Ion	Ratio	Lower	Upper
252	100		
253	38.5	21.3	31.9#
125	27.7	8.5	12.7#

Manual Integrations APPROVED
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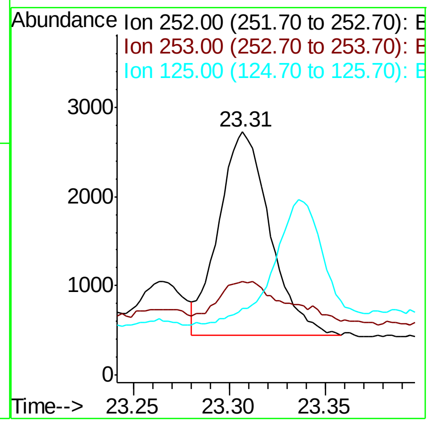
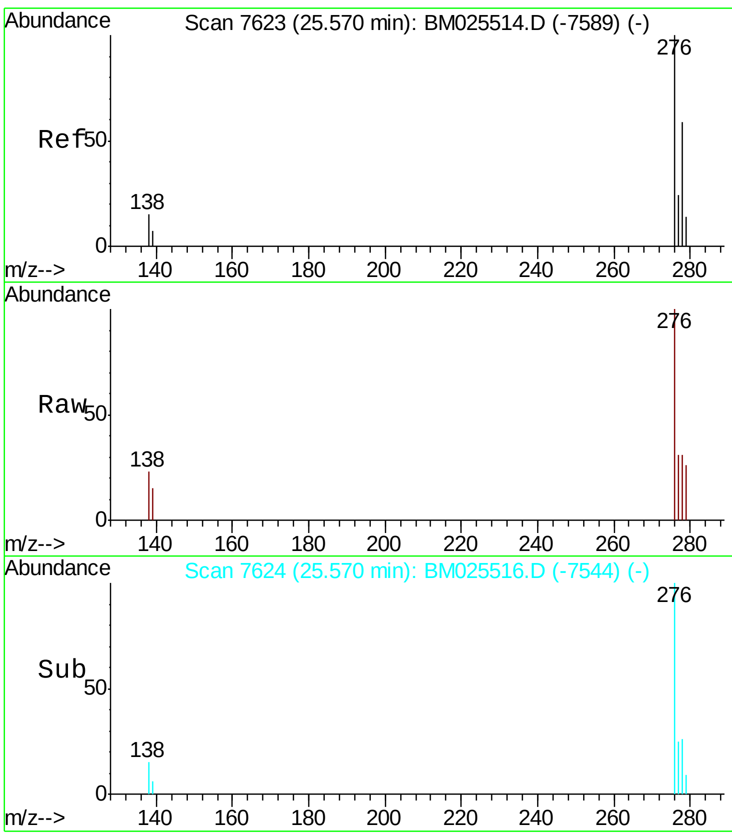
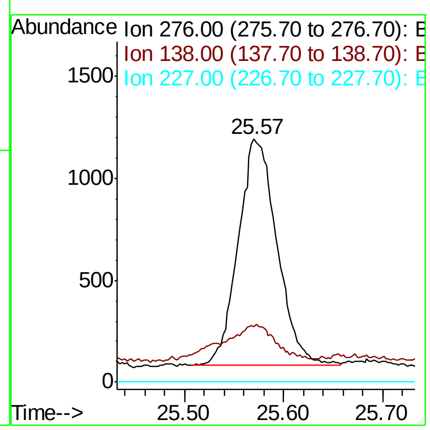


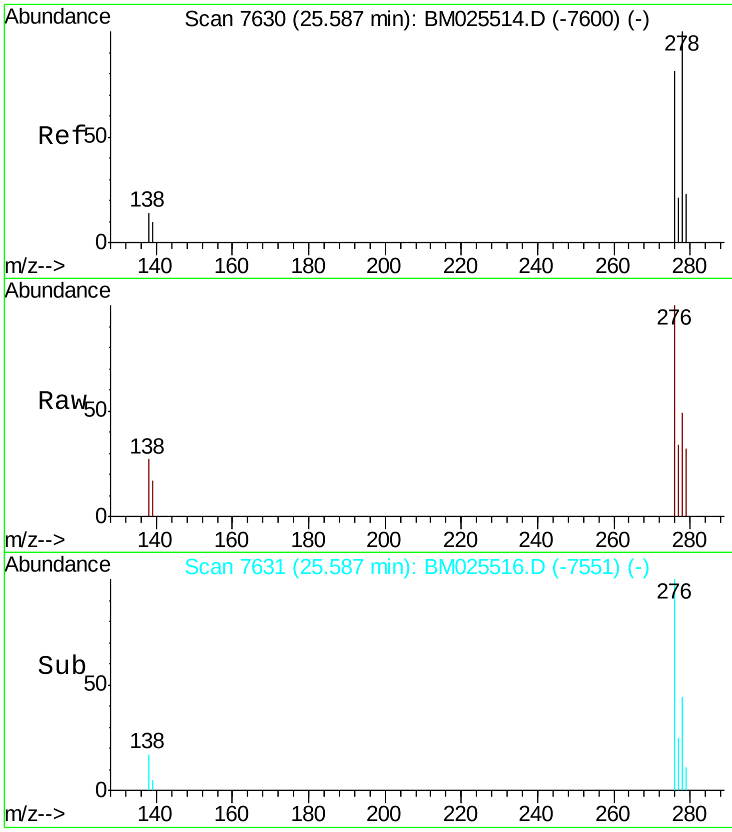


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:276 Resp: 3035

Ion	Ratio	Lower	Upper
276	100		
138	22.4	12.3	18.5#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. -0.01 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:278 Resp: 1108

Ion	Ratio	Lower	Upper
278	100		
139	35.5	9.0	13.6#
279	65.7	21.1	31.7#

Instrument :
BNA_M
ClientSampleId :
C0CD8

Manual Integrations APPROVED
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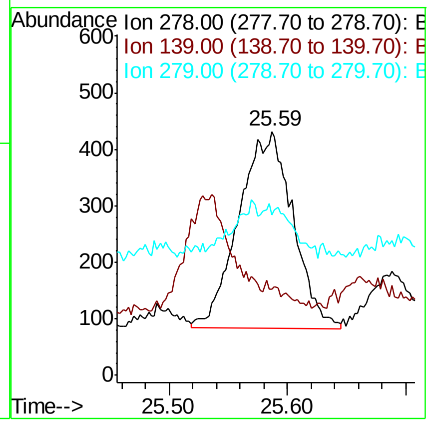

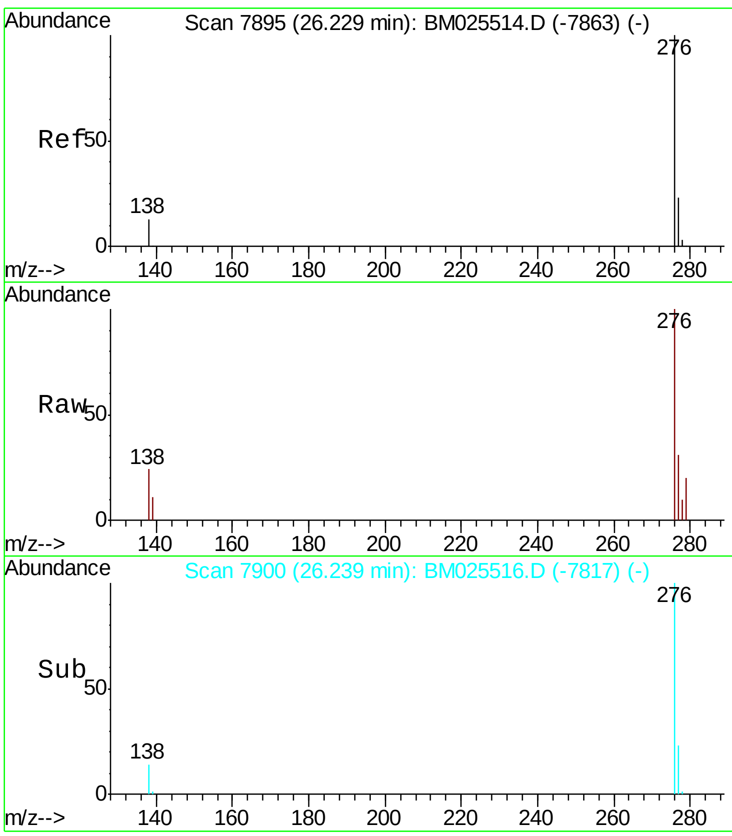

#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. 0.00 min
Lab File: BM025516.D
Acq: 12 Mar 2020 11:05

Tgt Ion:276 Resp: 2698

Ion	Ratio	Lower	Upper
276	100		
138	23.7	11.0	16.4#
277	31.4	19.8	29.6#