Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025493.D
Acq On : 11 Mar 2020 16:16
Operator : CG/JU
Sample : L1677-13
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CD1

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Quant Time: Mar 11 17:00:15 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16450	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21512m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16902	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19192	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	11552	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	22233	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	3626	0.074	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	1634	0.047	ng/ul	98
7) Acenaphthylene	14.01	152	1414	0.031	ng/ul#	88
12) Phenanthrene	17.07	178	7945	0.117	ng/ul	98
13) Anthracene	17.16	178	2376	0.040	ng/ul#	92
15) Fluoranthene	19.09	202	14745	0.200	ng/ul	97
17) Pyrene	19.45	202	14668	0.193	ng/ul#	95
18) Benzo(a)anthracene	21.20	228	7777	0.129	ng/ul	94
19) Chrysene	21.26	228	12368	0.182	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	16520m	0.217	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	6729m	0.085	ng/ul	
23) Benzo(a)pyrene	23.31	252	11014	0.175	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	9202	0.107	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.57	278	2760	0.038	ng/ul#	64
26) Benzo(g,h,i)perylene	26.24	276	9253	0.125	ng/ul#	95

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

Quantitation Report (QT Reviewed)

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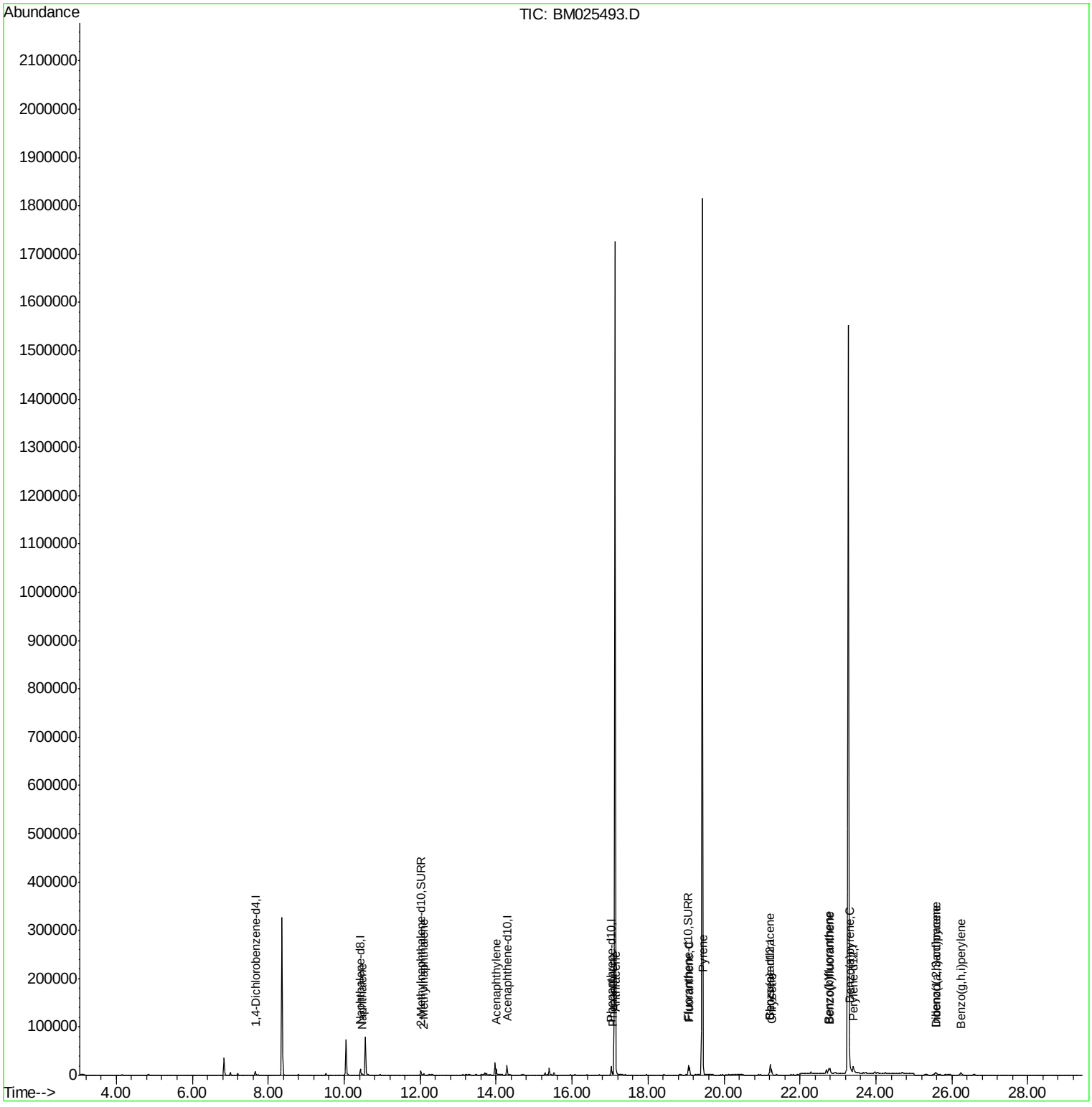
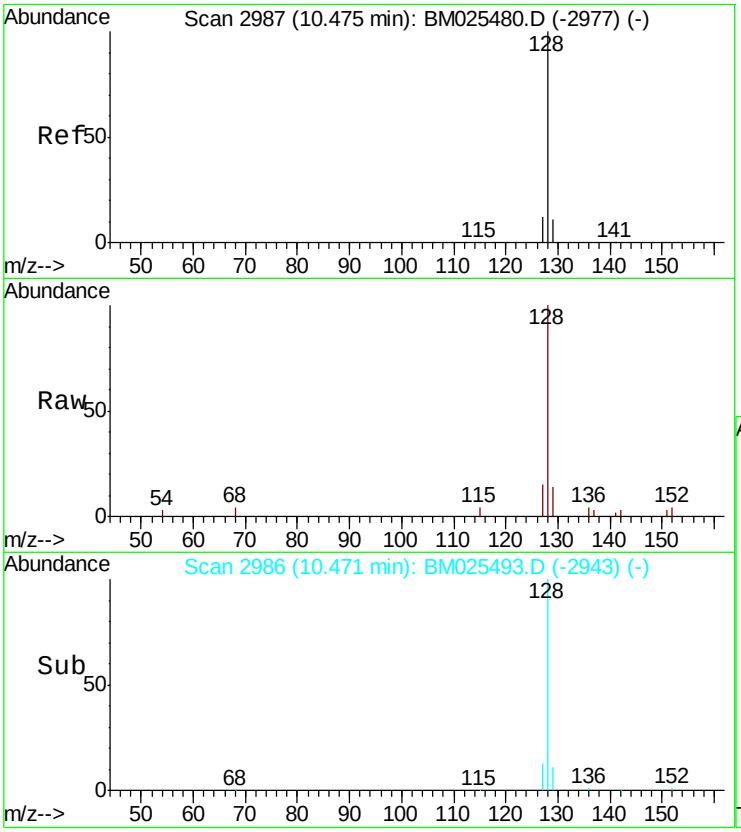
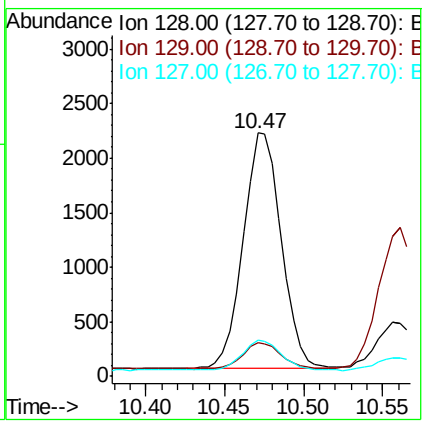




#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:128 Resp: 3626

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.0
127	14.7	10.9	16.3



Instrument :
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ClientSampleId :
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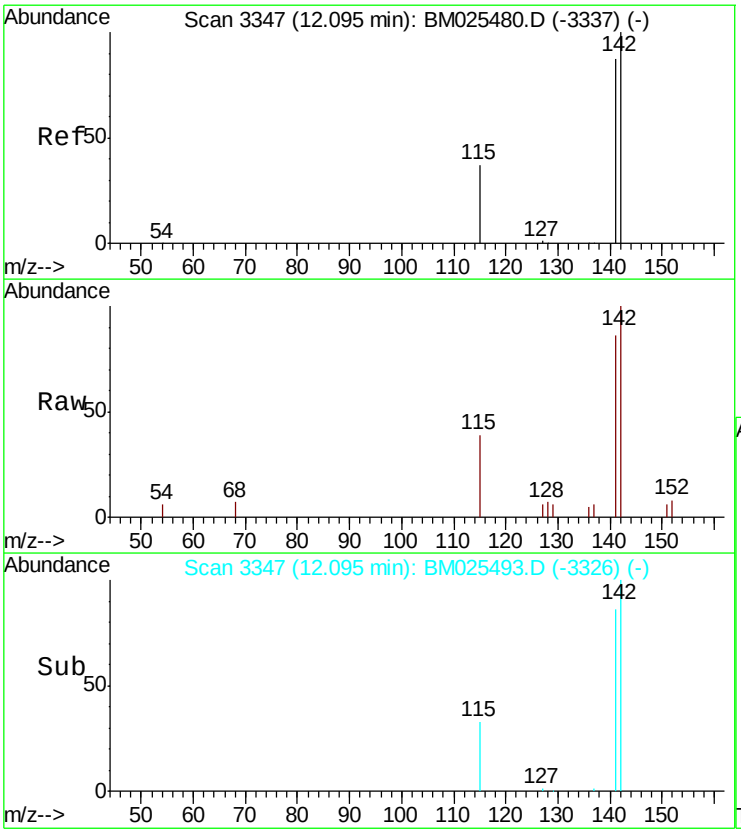
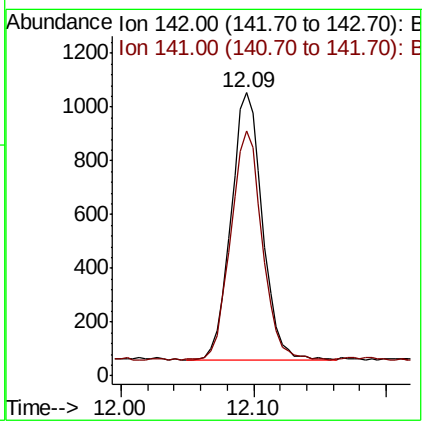
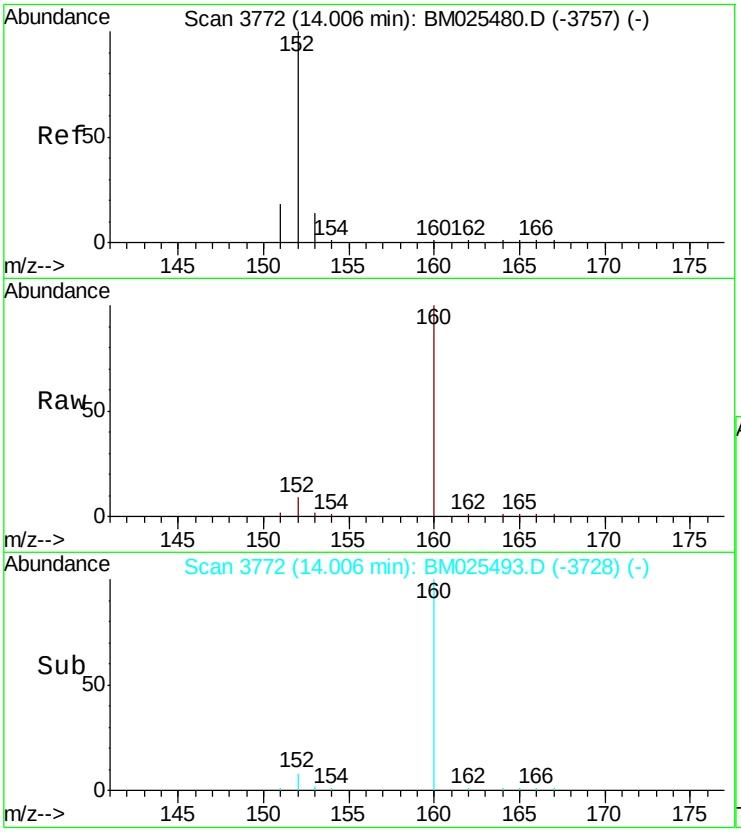


#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:142 Resp: 1634

Ion	Ratio	Lower	Upper
142	100		
141	85.1	69.8	104.6

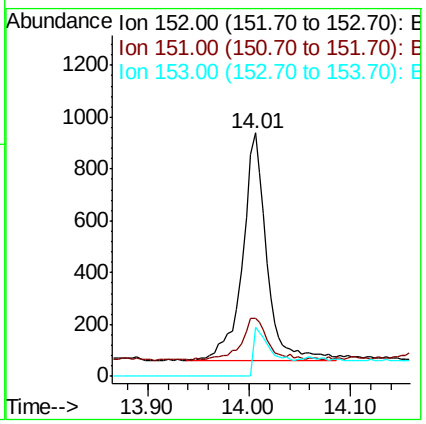




#7
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.01 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:152 Resp: 1414

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.2
153	20.2	10.6	16.0#



Instrument :
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ClientSampleId :
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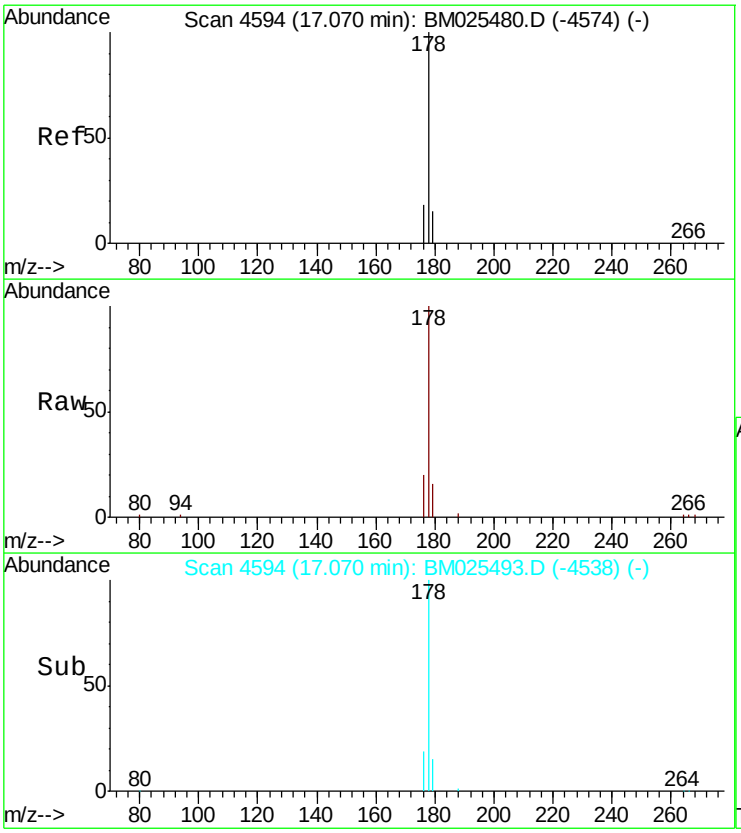
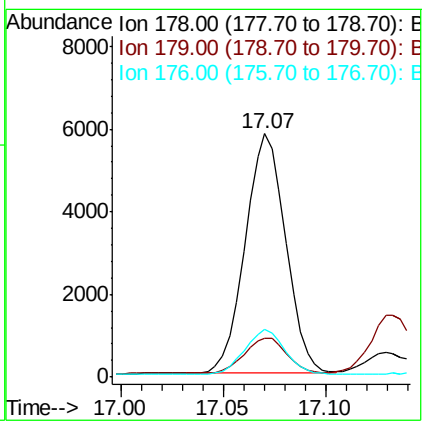
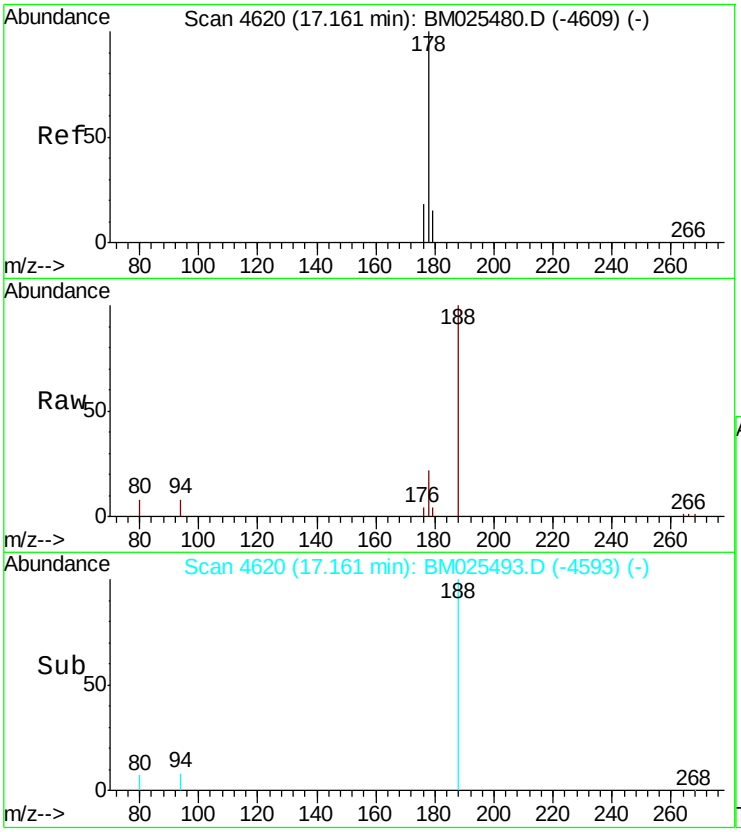


#12
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:178 Resp: 7945

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.6	14.8	22.2





#13
Anthracene
Concen: 0.040 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.01 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:178 Resp: 2376

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.6	18.8#
176	20.0	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
C0CD1

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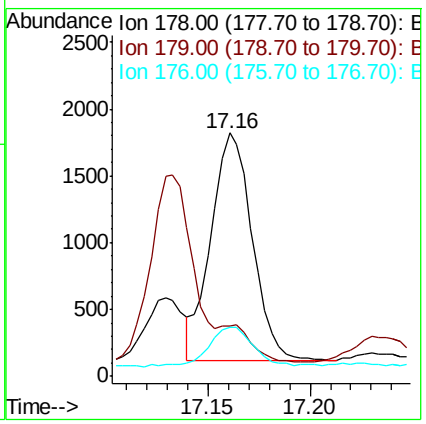
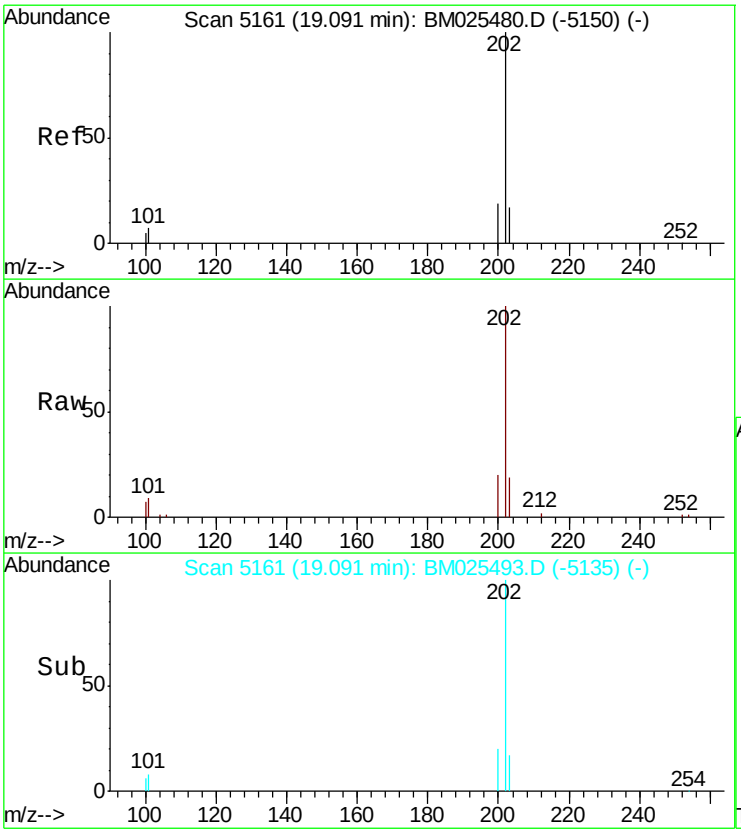
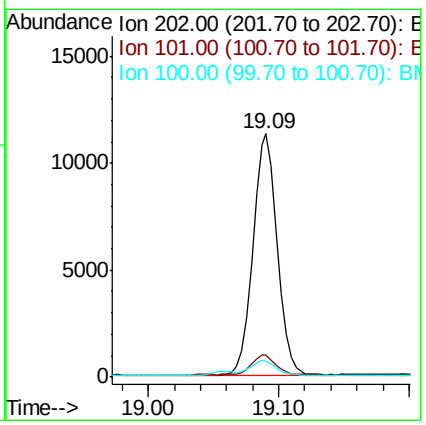


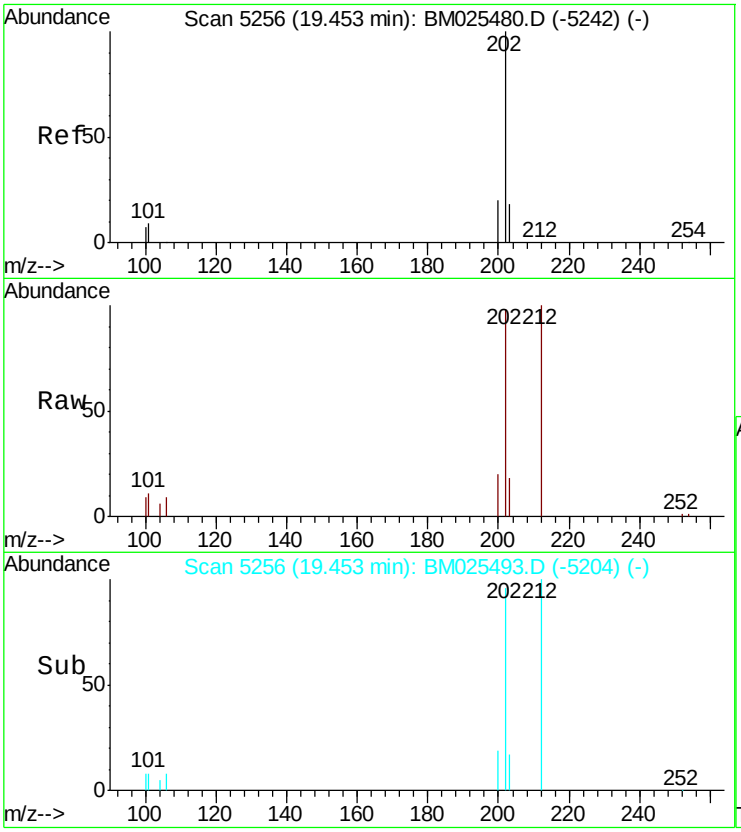


#15
Fluoranthene
Concen: 0.200 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:202 Resp: 14745

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.5
100	6.6	0.0	26.0





#17
Pyrene
Concen: 0.193 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:202 Resp: 14668

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.1	10.7#
100	9.1	6.0	9.0#

Instrument :
BNA_M
ClientSampleId :
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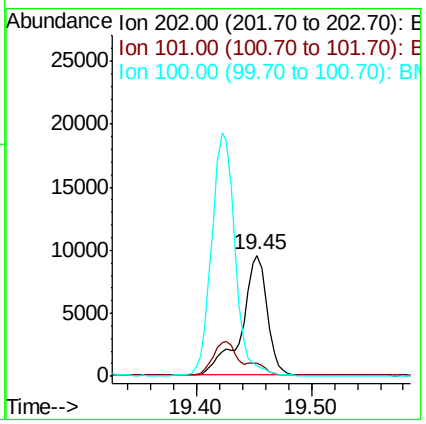
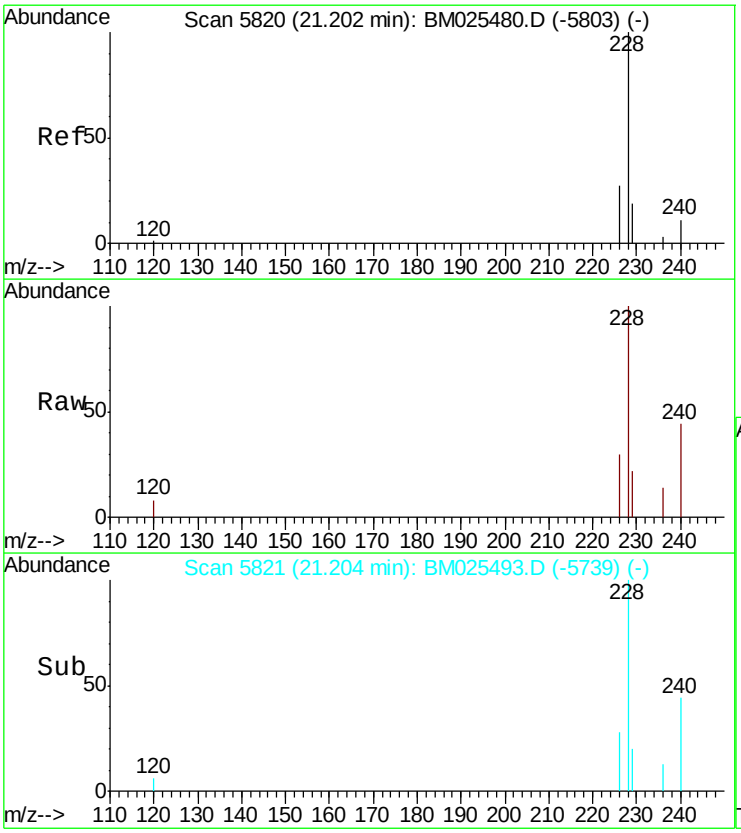
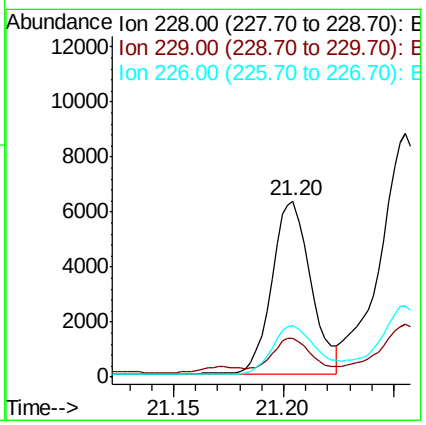


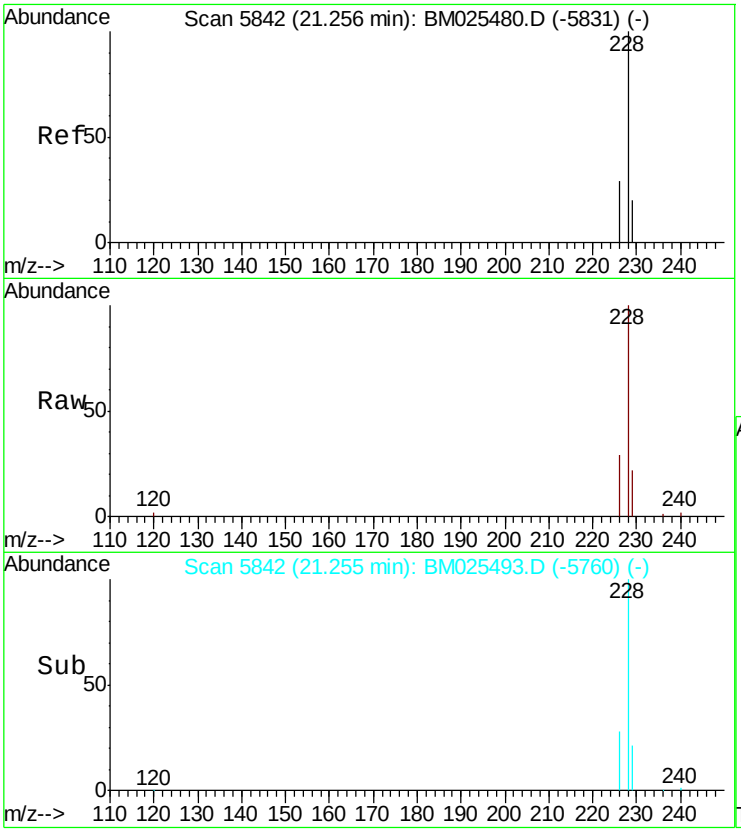


#18
Benzo(a)anthracene
Concen: 0.129 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:228 Resp: 7777

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	29.5	21.1	31.7

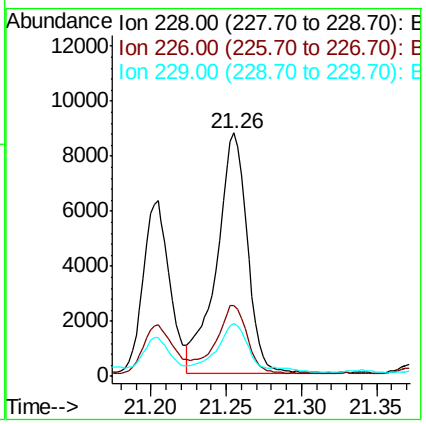




#19
Chrysene
Concen: 0.182 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:228 Resp: 12368

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	21.8	16.3	24.5



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ClientSampleId :
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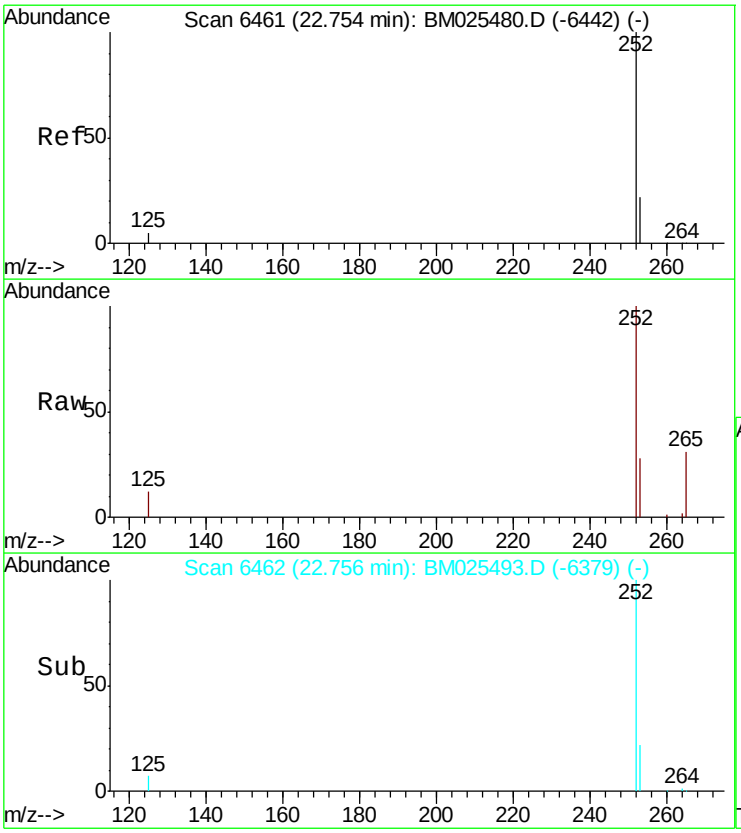
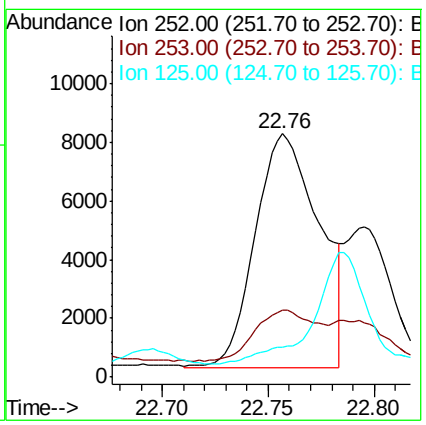
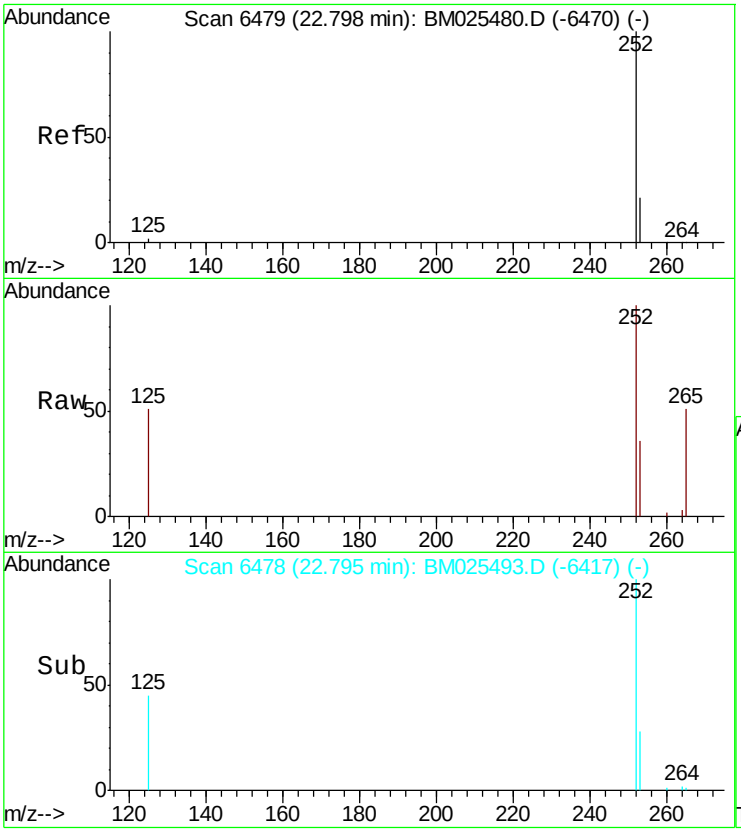


#21
Benzo(b)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:252 Resp: 16520

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	50.2
125	12.3	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:252 Resp: 6729

Ion	Ratio	Lower	Upper
252	100		
253	36.0	19.8	29.8#
125	51.2	7.1	10.7#

Instrument :
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ClientSampleId :
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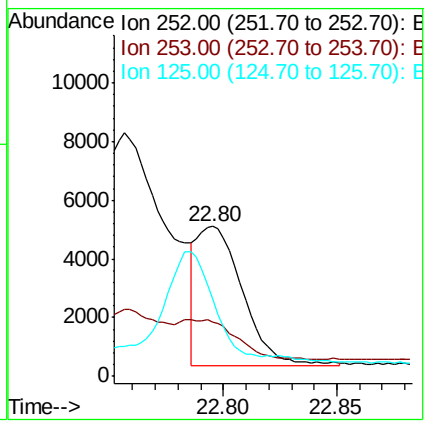
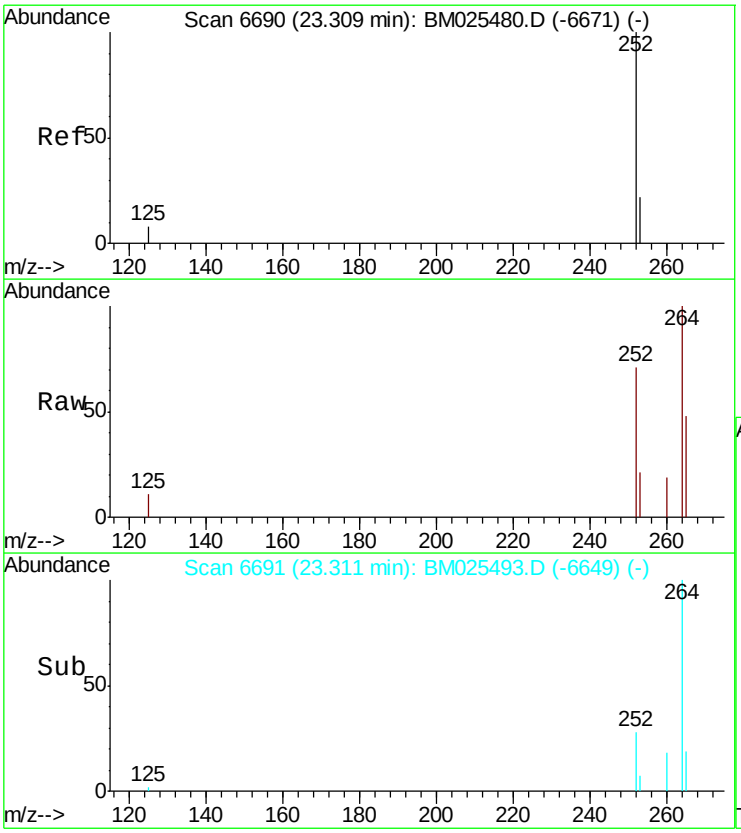
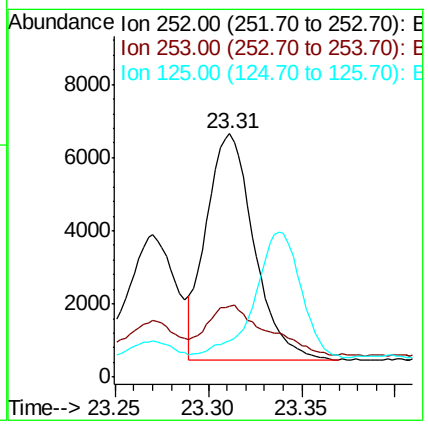


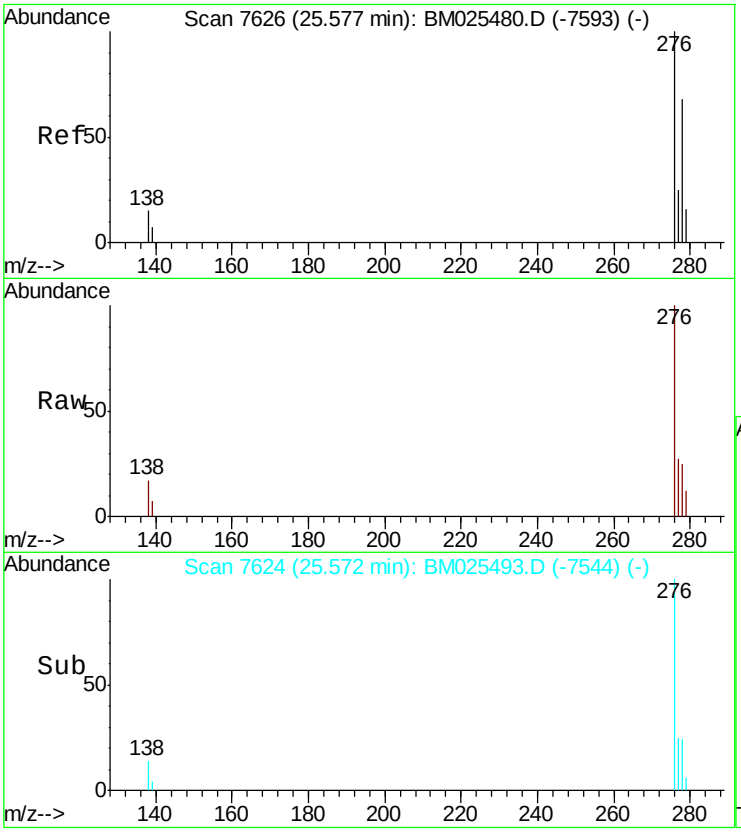


#23
Benzo(a)pyrene
Concen: 0.175 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:252 Resp: 11014

Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.3	31.9
125	14.9	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.01 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:276 Resp: 9202

Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.3	18.5
227	0.0	0.0	0.0

Instrument :
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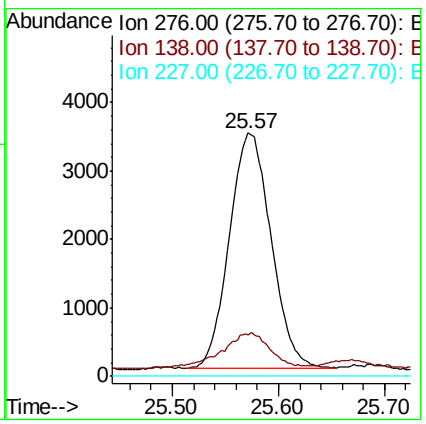
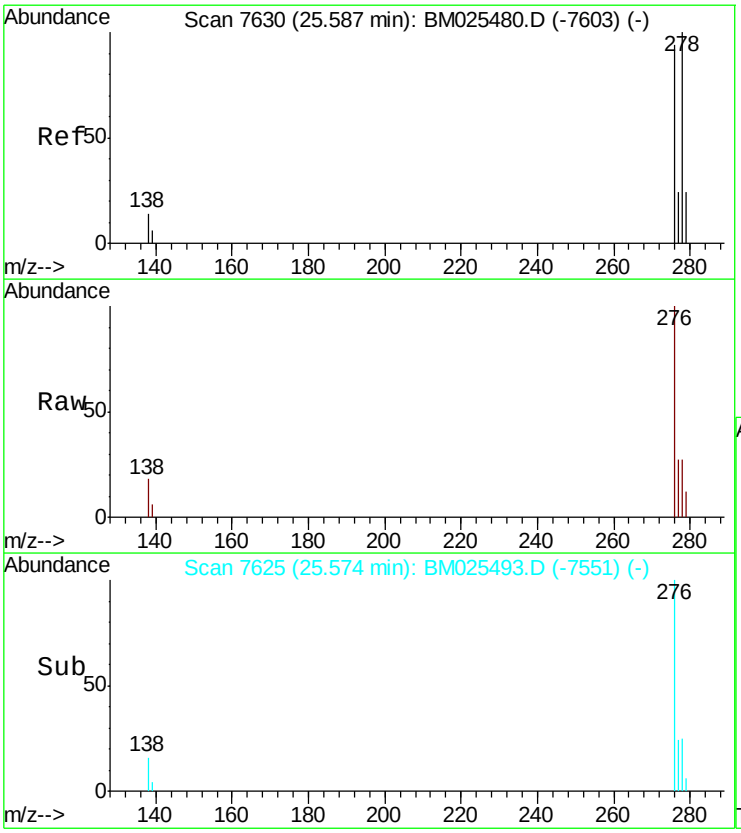
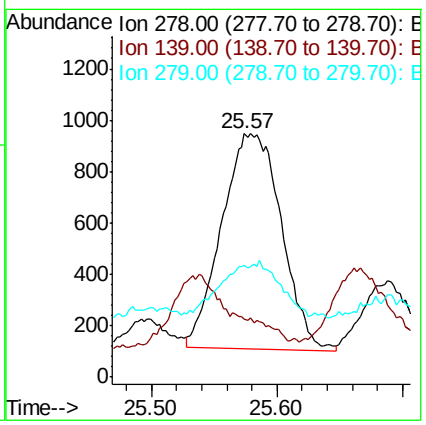


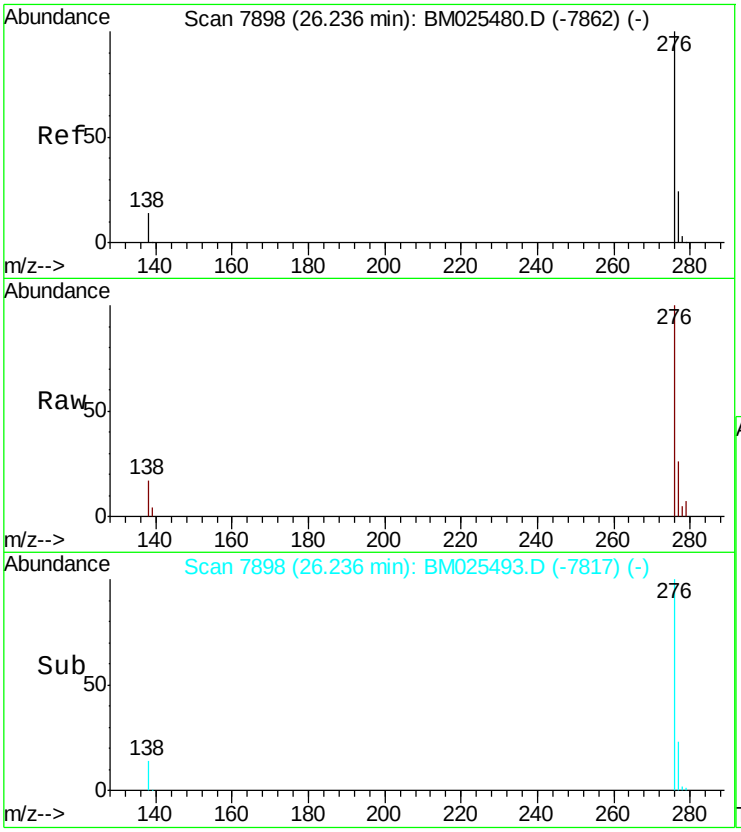


#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.02 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:278 Resp: 2760

Ion	Ratio	Lower	Upper
278	100		
139	24.1	9.0	13.6#
279	45.7	21.1	31.7#

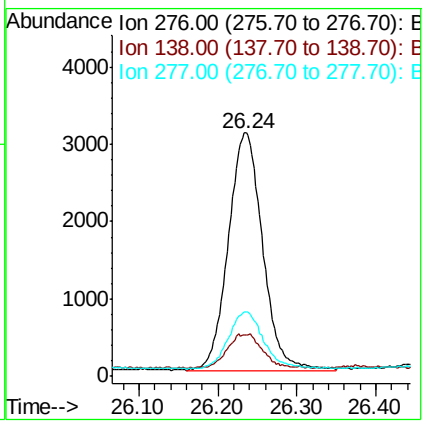




#26
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 26.24 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025493.D
Acq: 11 Mar 2020 16:16

Tgt Ion:276 Resp: 9253

Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.0	16.4#
277	26.2	19.8	29.6



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ClientSampleId :
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