Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025379.D
Acq On : 08 Mar 2020 10:49
Operator : CG/JU
Sample : L1616-17
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDR1

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Quant Time: Mar 09 01:54:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4089	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	17254	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	12447	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	29301m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28543	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	28179	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8168	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	25785	0.27	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1579	0.027	ng/ul	95
12) Phenanthrene	17.08	178	3171	0.034	ng/ul	99
13) Anthracene	17.17	178	6115	0.073	ng/ul	99
15) Fluoranthene	19.09	202	22916	0.194	ng/ul	97
17) Pyrene	19.46	202	32901m	0.304	ng/ul	
18) Benzo(a)anthracene	21.20	228	12672	0.121	ng/ul	97
19) Chrysene	21.26	228	24483m	0.212	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	52873m	0.469	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	18525m	0.157	ng/ul	
23) Benzo(a)pyrene	23.32	252	15509	0.164	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.58	276	19274	0.163	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4157	0.043	ng/ul#	82
26) Benzo(g,h,i)perylene	26.24	276	12379	0.124	ng/ul#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025379.D
Acq On : 08 Mar 2020 10:49
Operator : CG/JU
Sample : L1616-17
Misc :
ALS Vial : 65 Sample Multiplier: 1

Quant Time: Mar 09 01:54:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDR1

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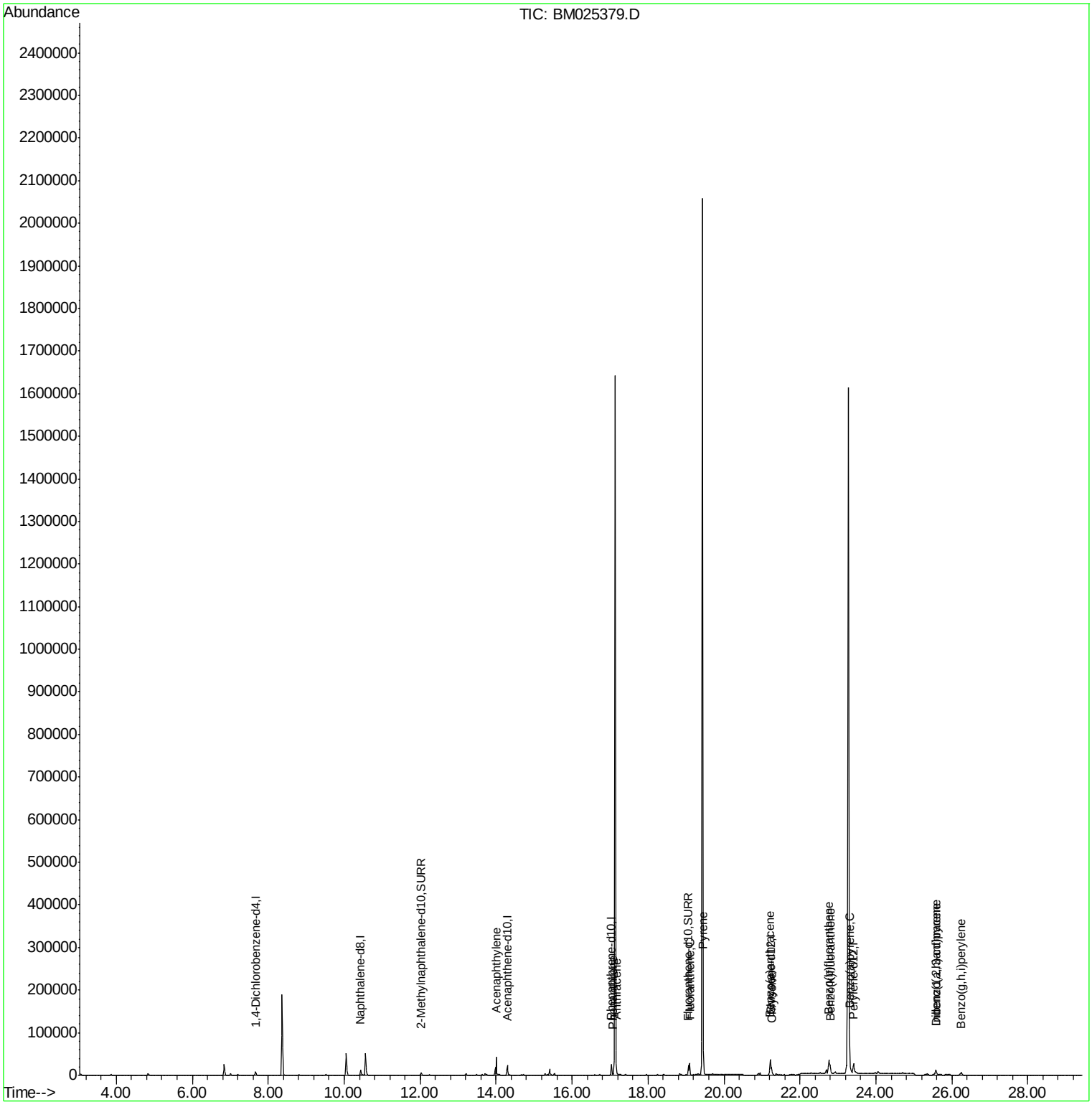
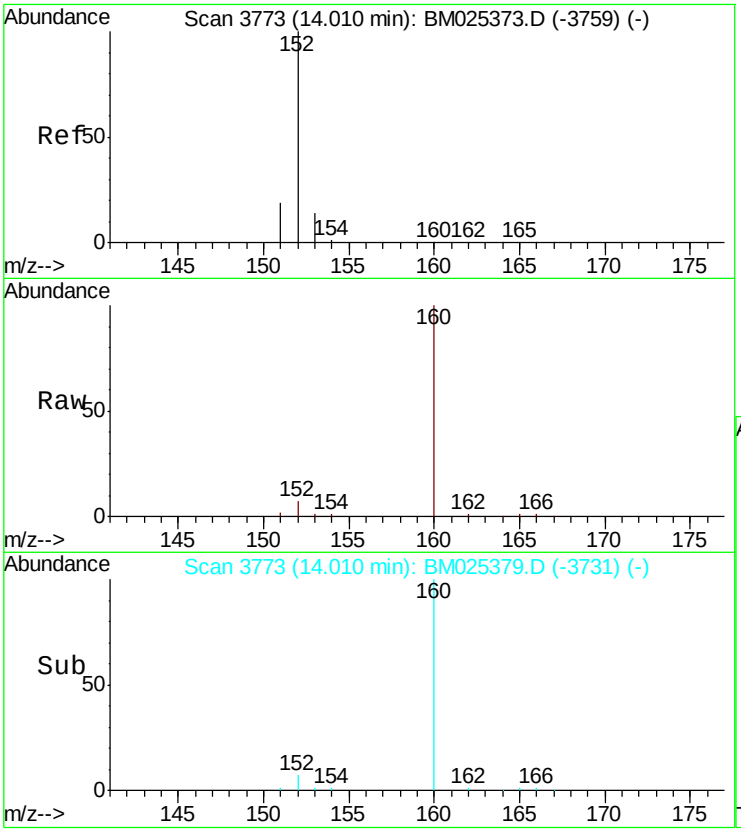
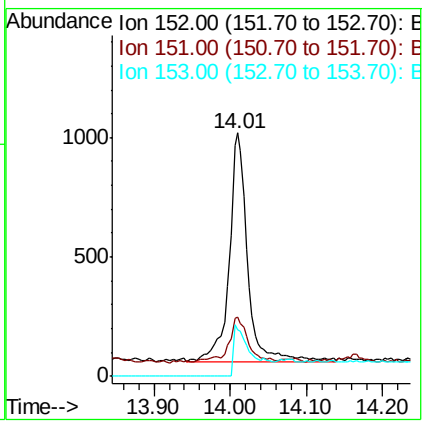




#7
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:152 Resp: 1579

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.8	26.8
153	18.8	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBDR1

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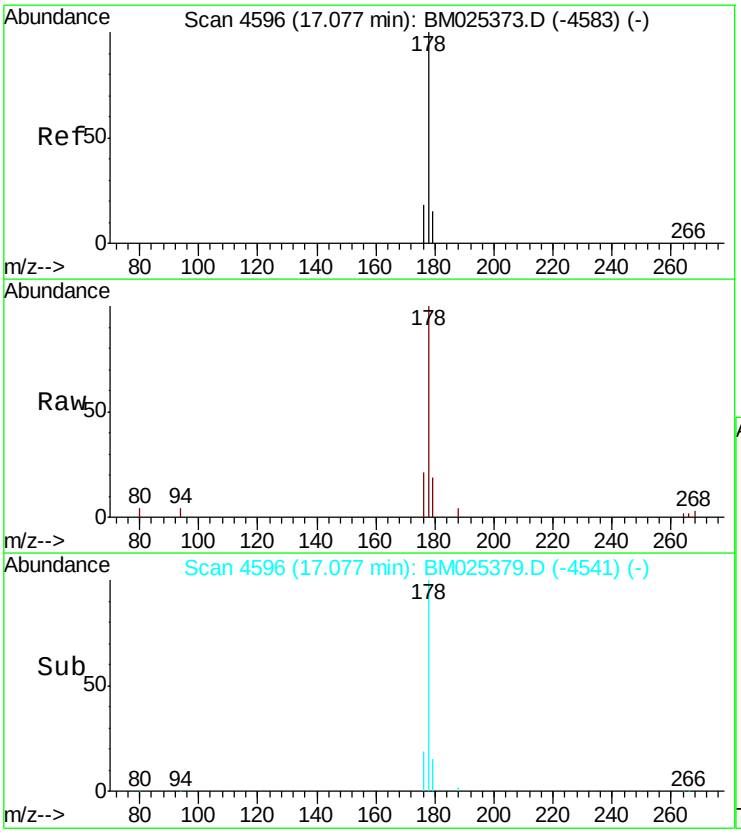
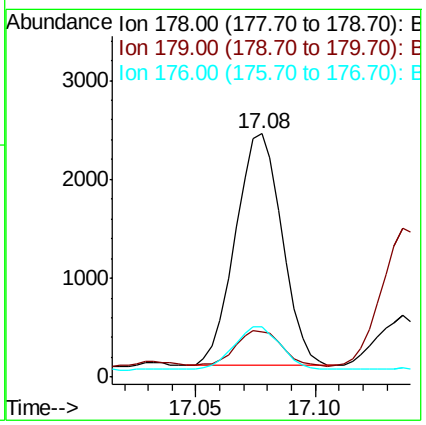
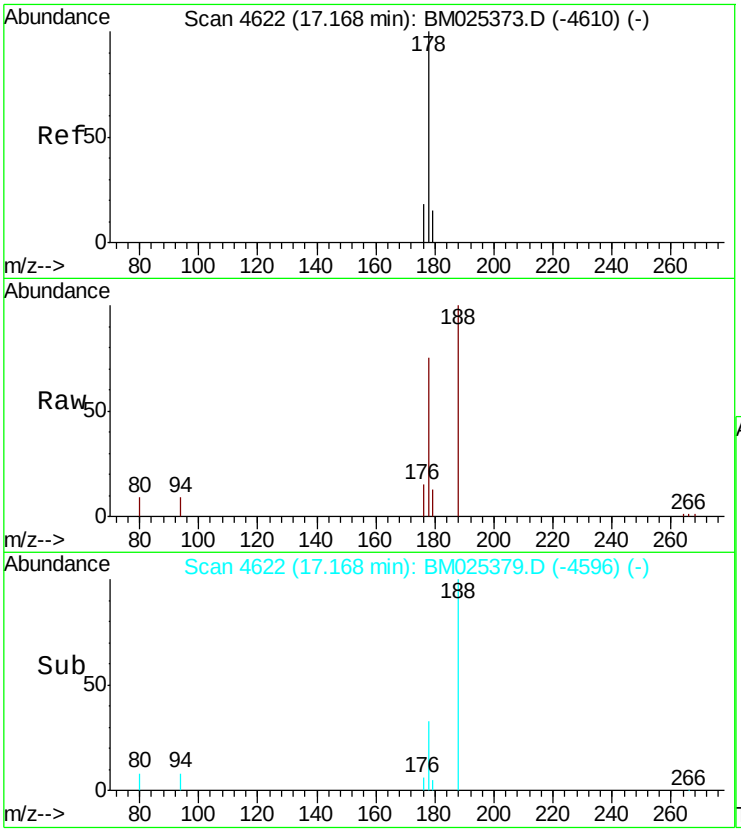


#12
Phenanthrene
Concen: 0.034 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:178 Resp: 3171

Ion	Ratio	Lower	Upper
178	100		
179	18.8	14.0	21.0
176	20.8	16.6	24.8

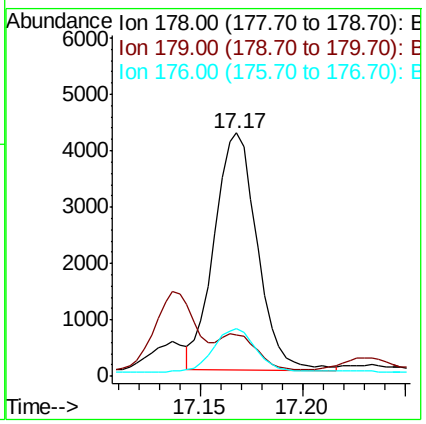




#13
Anthracene
Concen: 0.073 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:178 Resp: 6115

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.1	21.1
176	19.4	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBDR1

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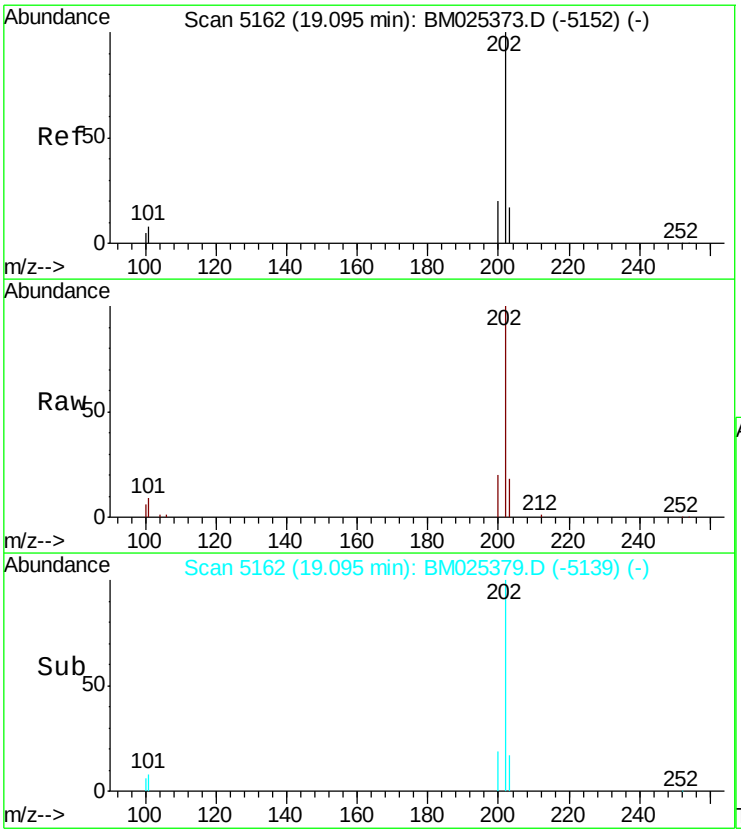
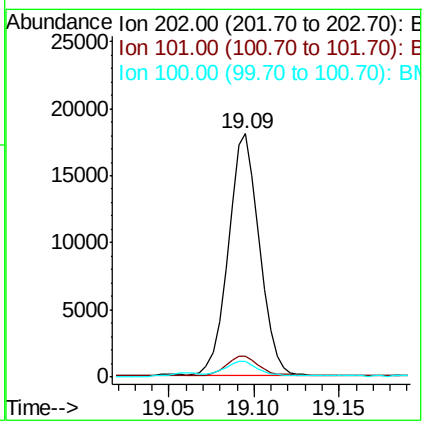
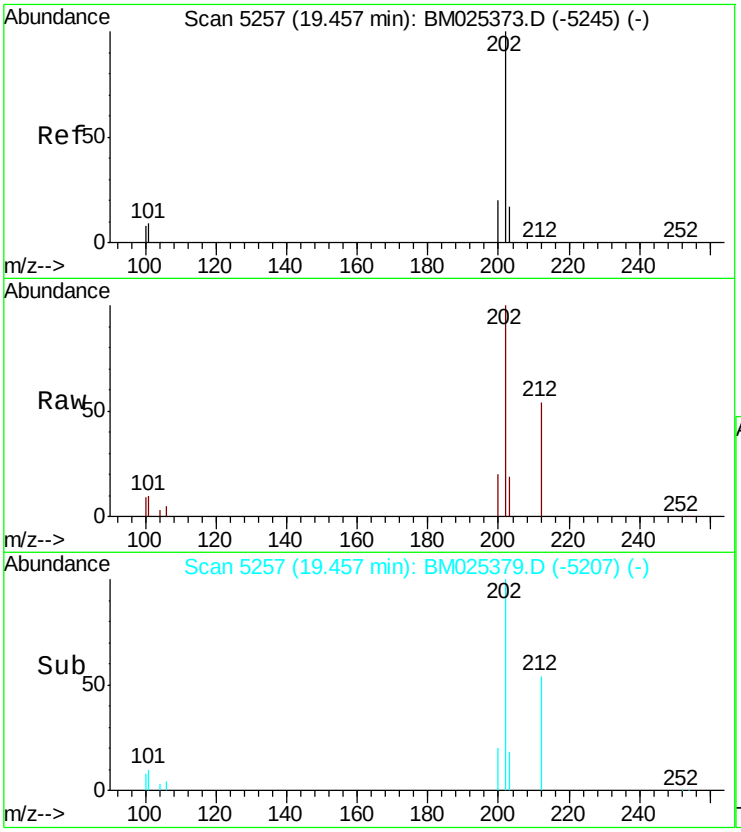


#15
Fluoranthene
Concen: 0.194 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:202 Resp: 22916

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.4
100	6.3	0.0	28.0





#17
Pyrene
Concen: 0.304 ng/ul m
RT: 19.46 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:202 Resp: 32901

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.7	13.1
100	8.8	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
DBDR1

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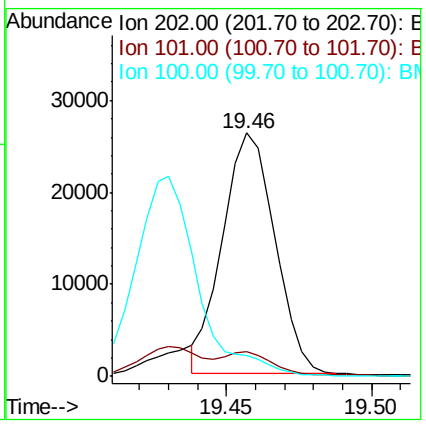
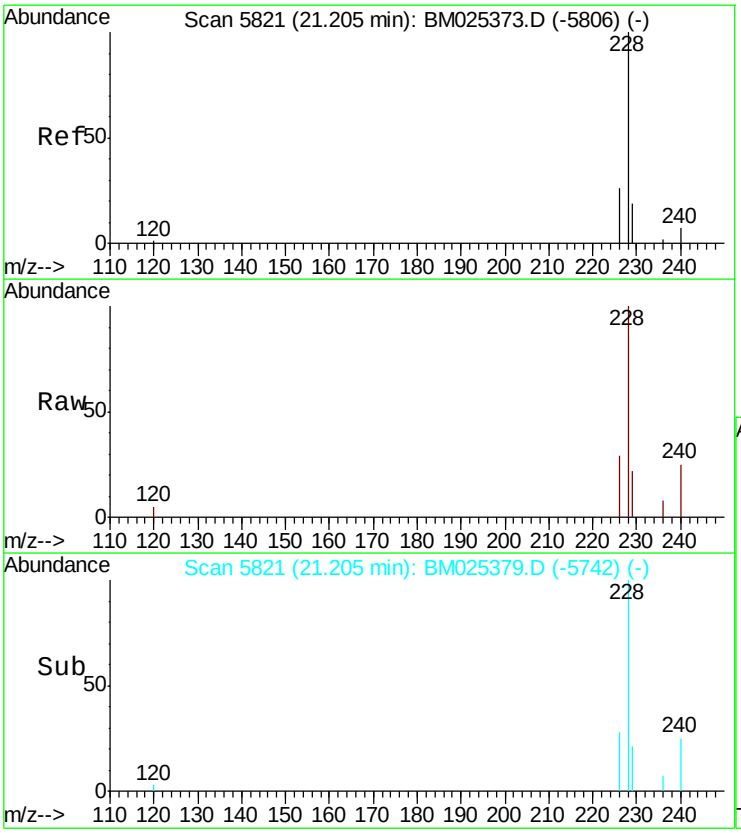
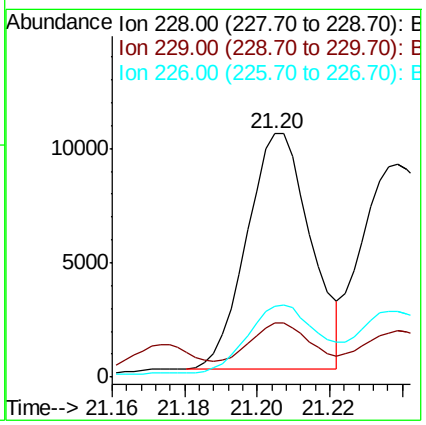


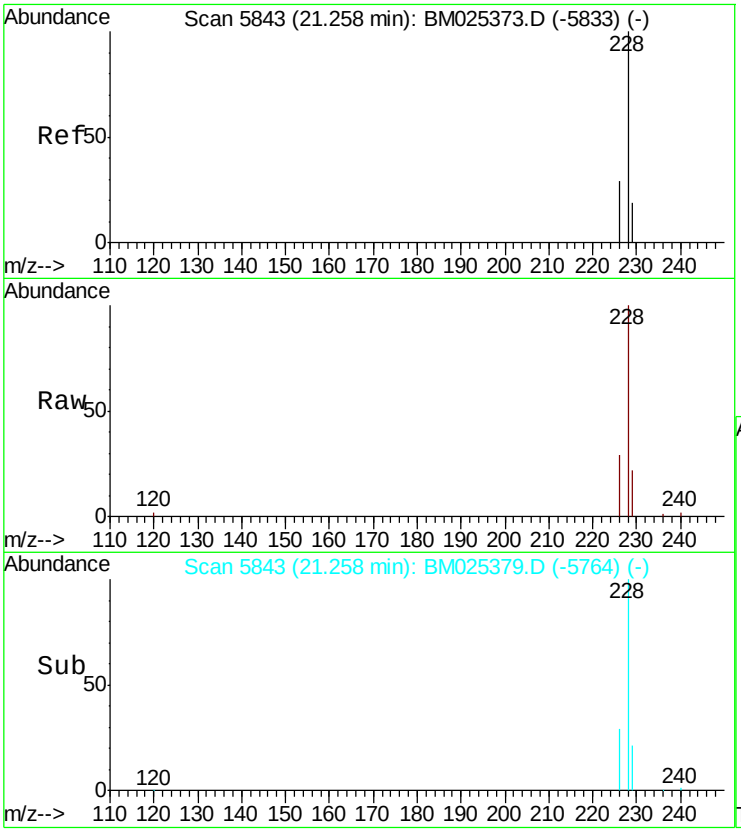


#18
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:228 Resp: 12672

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	29.2	21.9	32.9

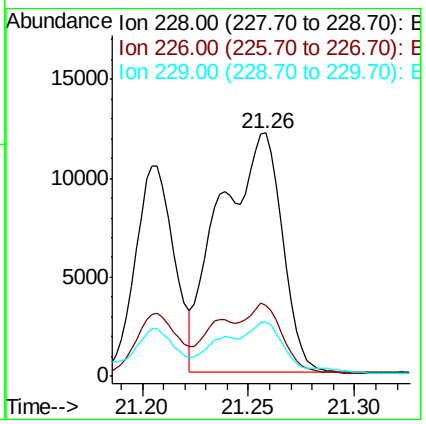




#19
Chrysene
Concen: 0.212 ng/ul m
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:228 Resp: 24483

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	22.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
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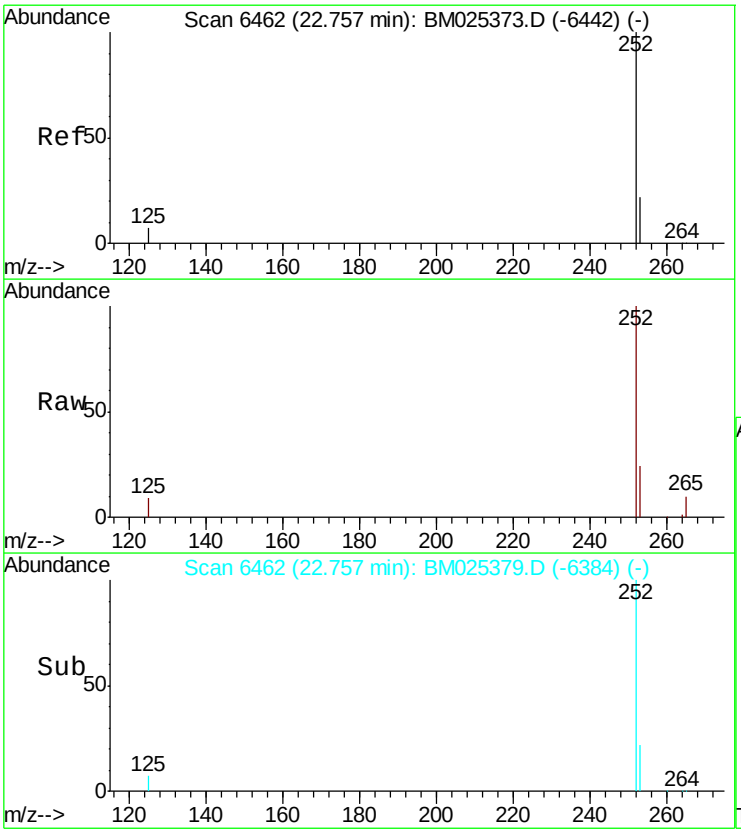
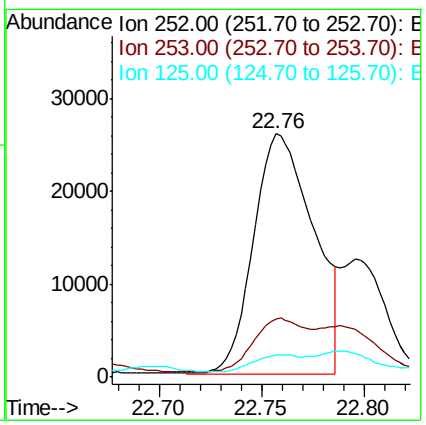
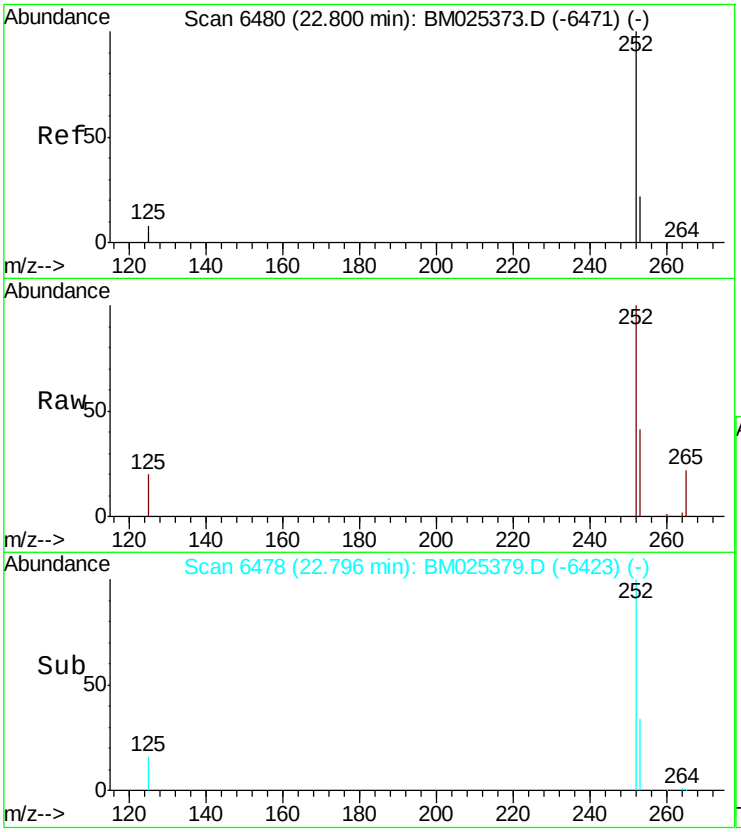


#21
Benzo(b)fluoranthene
Concen: 0.469 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:252 Resp: 52873

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.8
125	9.1	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.157 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.02 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:252 Resp: 18525

Ion	Ratio	Lower	Upper
252	100		
253	40.8	19.4	29.0#
125	20.2	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
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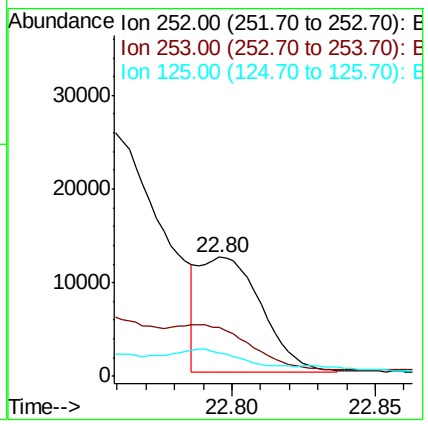
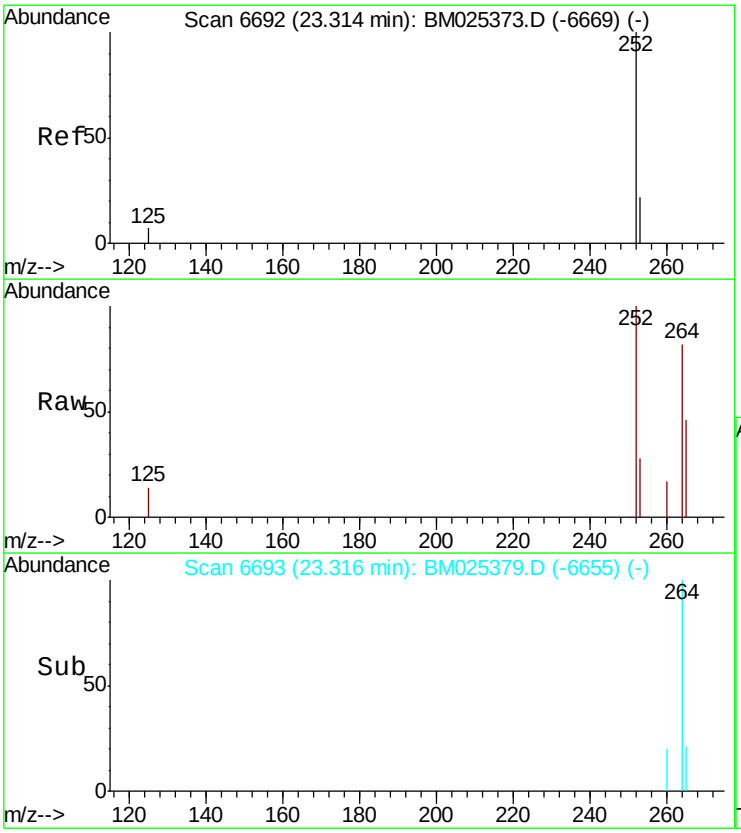
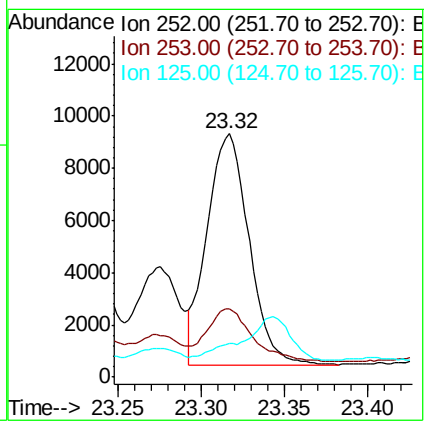


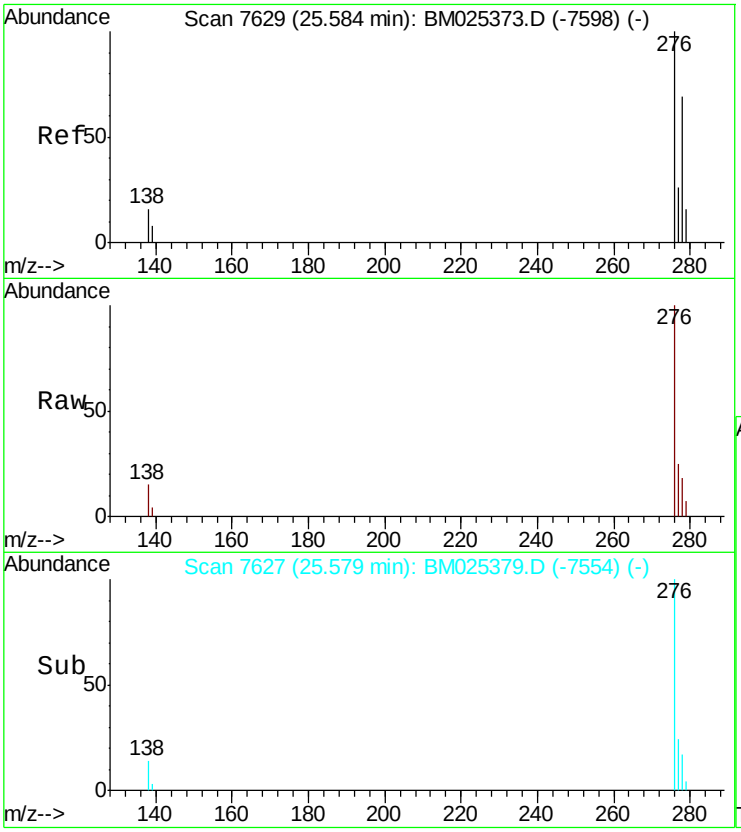


#23
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.32 min Scan# 6693
Delta R.T. -0.01 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:252 Resp: 15509

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.3	30.5
125	13.7	13.0	19.4





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.02 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:276 Resp: 19274

Ion	Ratio	Lower	Upper
276	100		
138	15.4	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDR1

Manual Integrations APPROVED
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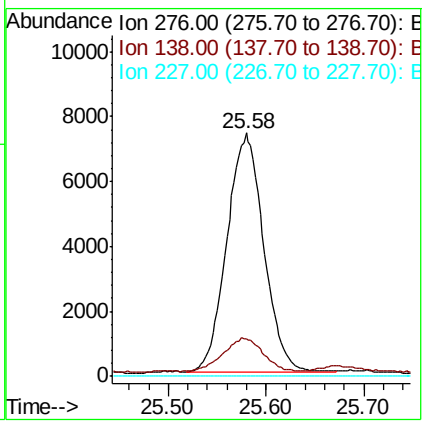
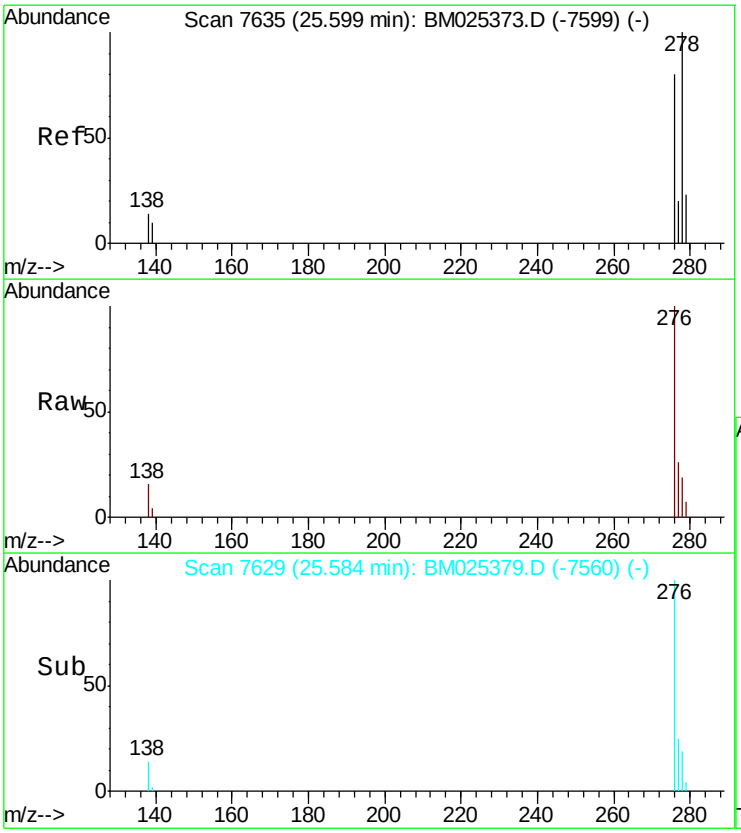
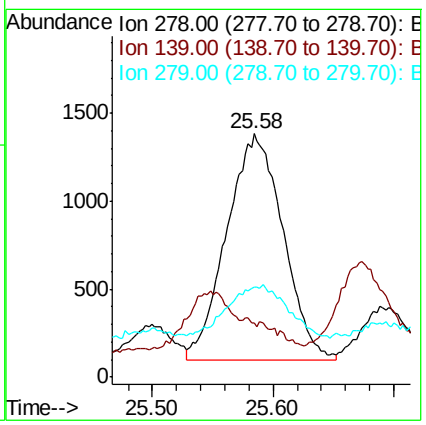


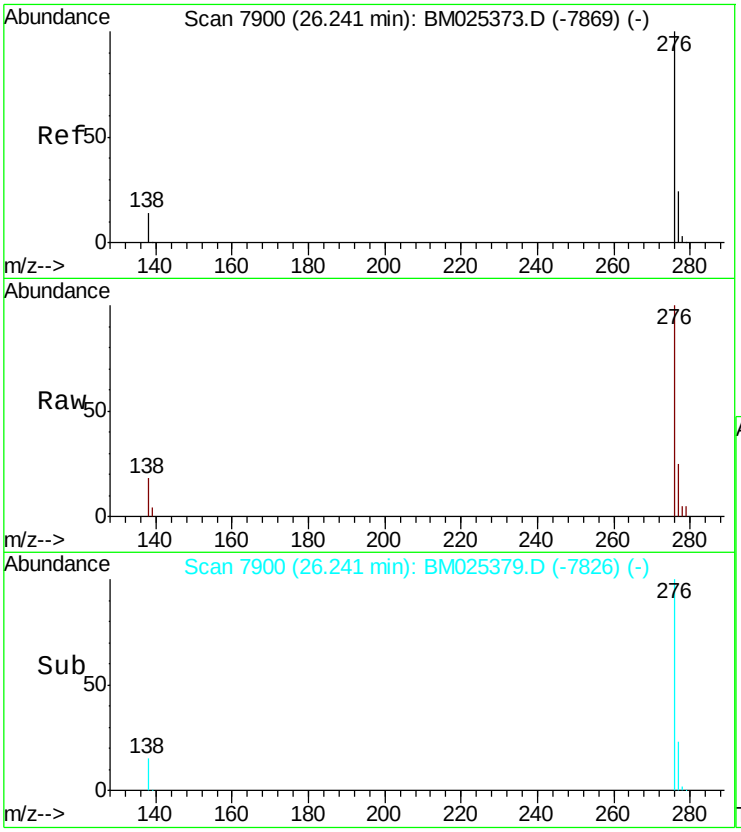


#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.03 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:278 Resp: 4157

Ion	Ratio	Lower	Upper
278	100		
139	22.4	13.2	19.8#
279	36.7	21.0	31.4#

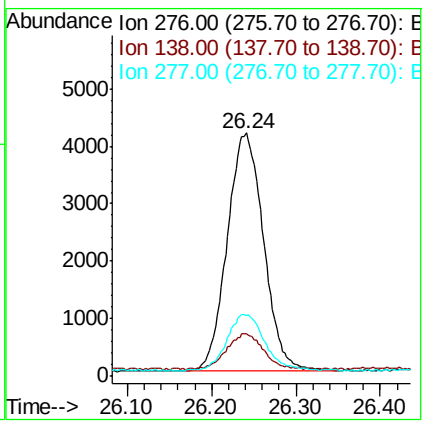




#26
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. -0.02 min
Lab File: BM025379.D
Acq: 08 Mar 2020 10:49

Tgt Ion:276 Resp: 12379

Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.9	26.9#
277	25.0	20.5	30.7



Instrument :
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ClientSampleId :
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