Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025444.D
Acq On : 10 Mar 2020 09:54
Operator : CG/JU
Sample : L1612-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 10 12:13:39 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 : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDL9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3077	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12889	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8482	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	16568	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	12445	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13041	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7226	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14559	0.32	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	2579	0.074	ng/ul#	92
9) Fluorene	15.34	166	741	0.020	ng/ul#	96
12) Phenanthrene	17.07	178	4032	0.077	ng/ul	96
13) Anthracene	17.16	178	10017	0.219	ng/ul	98
15) Fluoranthene	19.09	202	20059	0.352	ng/ul	98
17) Pyrene	19.45	202	32550	0.583	ng/ul	98
18) Benzo(a)anthracene	21.20	228	16330	0.367	ng/ul	97
19) Chrysene	21.26	228	12904	0.258	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	51400m	0.995	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	18763m	0.347	ng/ul	
23) Benzo(a)pyrene	23.31	252	17540	0.409	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.57	276	13270	0.228	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	3841	0.078	ng/ul#	82
26) Benzo(g,h,i)perylene	26.23	276	7458	0.148	ng/ul#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025444.D
Acq On : 10 Mar 2020 09:54
Operator : CG/JU
Sample : L1612-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

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BNA_M
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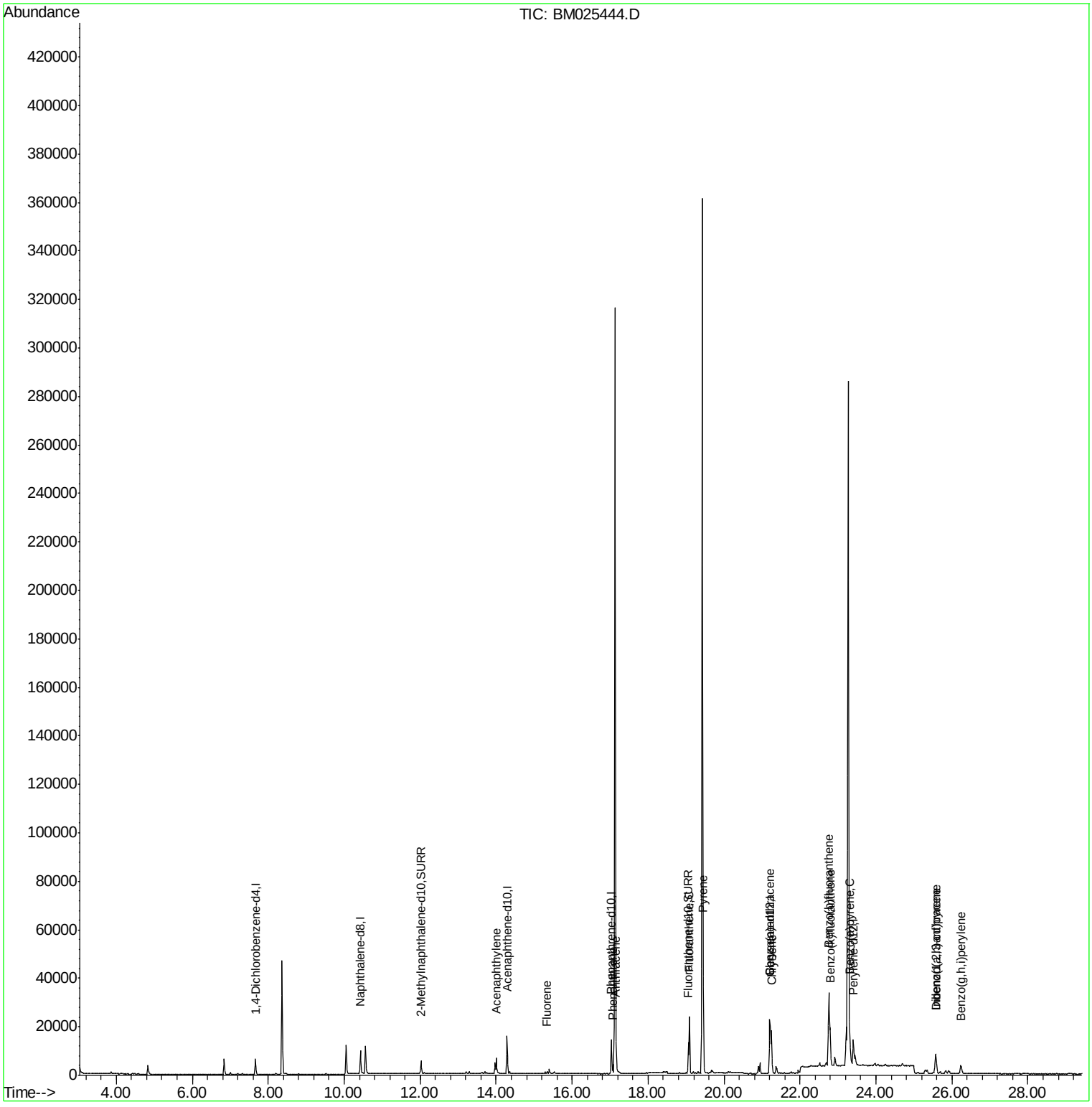
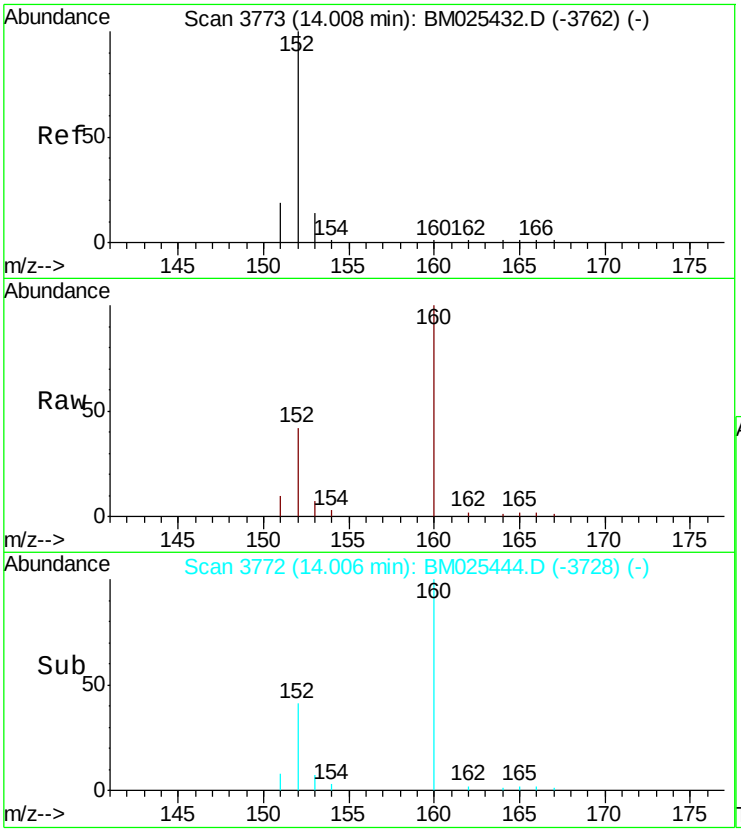
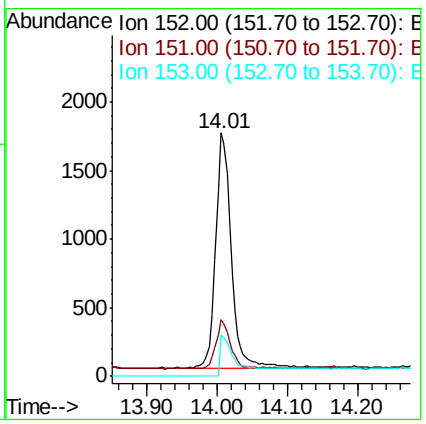




#7
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.01 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:152 Resp: 2579

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.2
153	16.9	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
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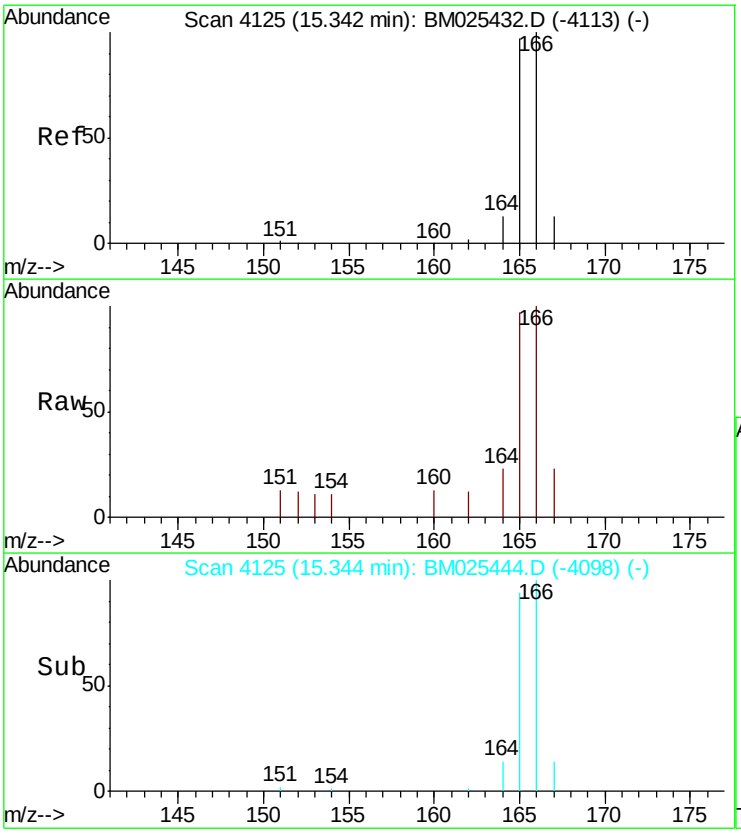
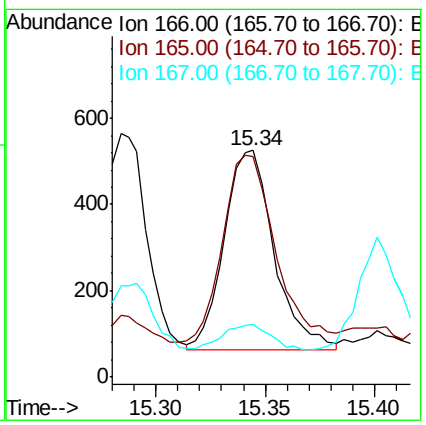
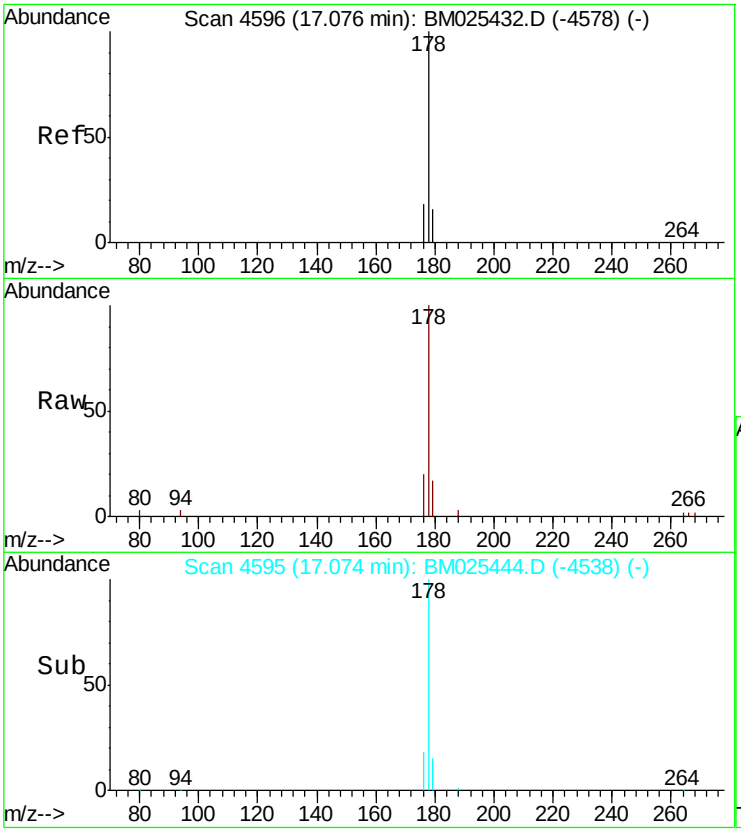


#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. 0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:166 Resp: 741

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.8	115.2
167	23.4	11.2	16.8#

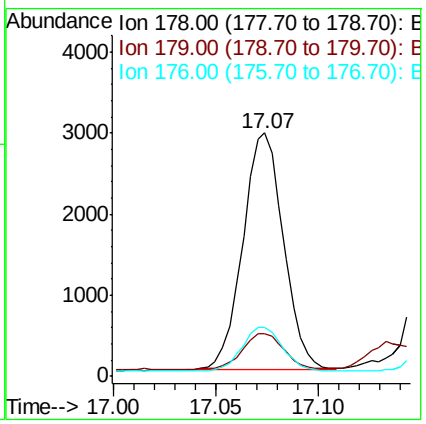




#12
Phenanthrene
Concen: 0.077 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:178 Resp: 4032

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.4	18.6
176	20.2	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
DBDL9

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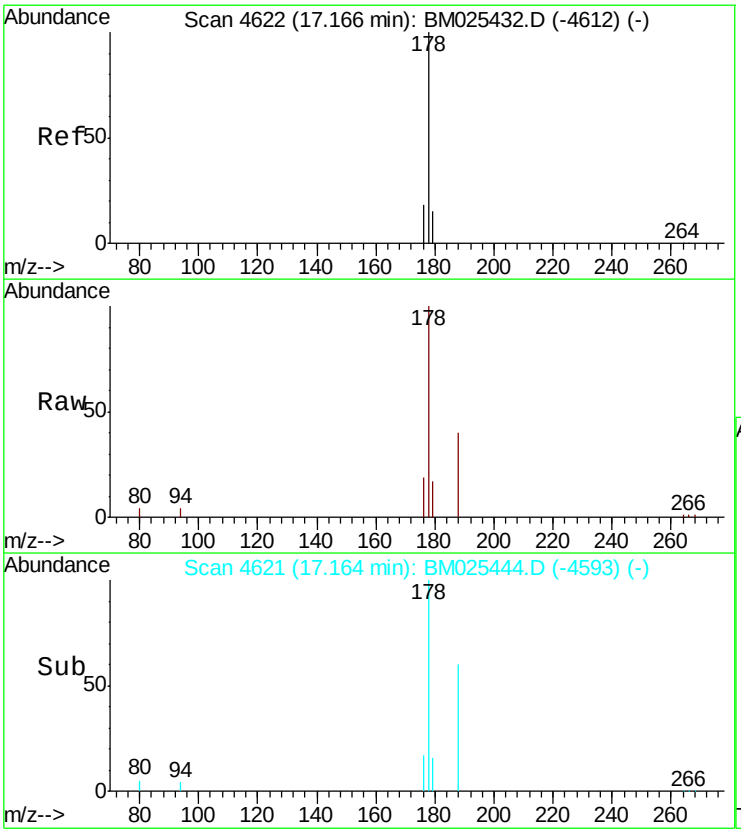
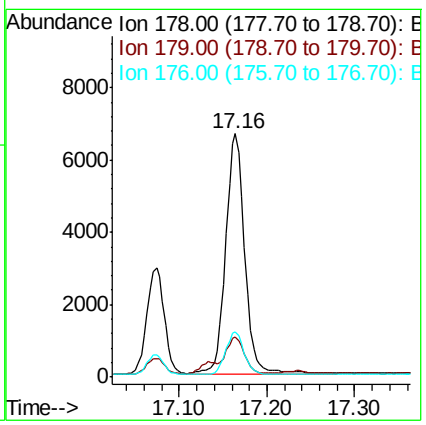
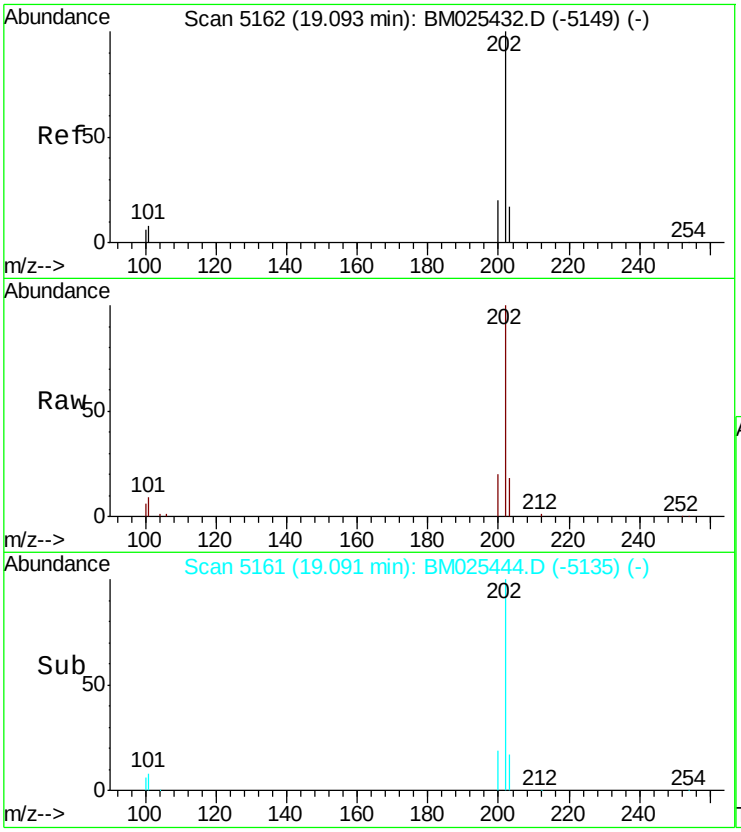


#13
Anthracene
Concen: 0.219 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:178 Resp: 10017

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	18.6	14.5	21.7

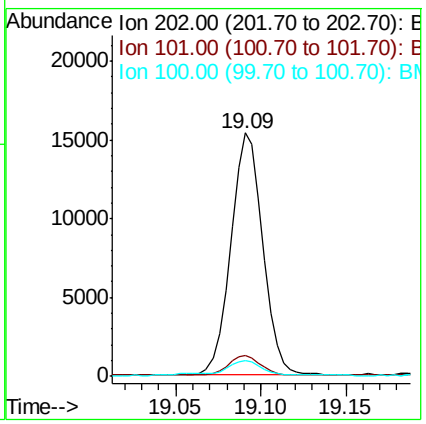




#15
Fluoranthene
Concen: 0.352 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:202 Resp: 20059

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	27.5
100	6.4	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
DBDL9

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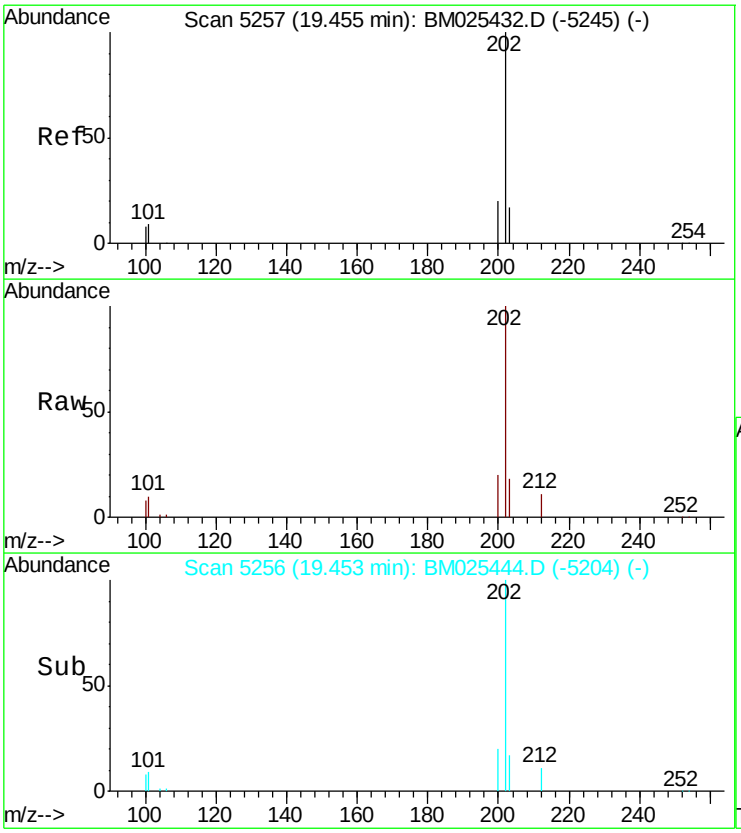
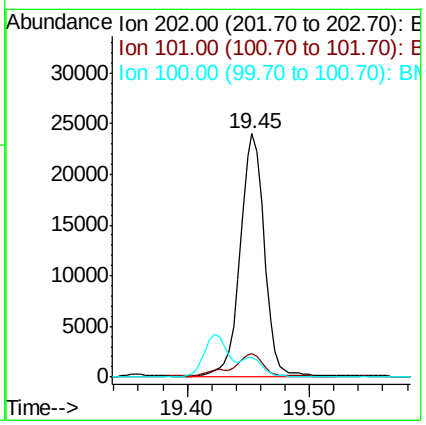
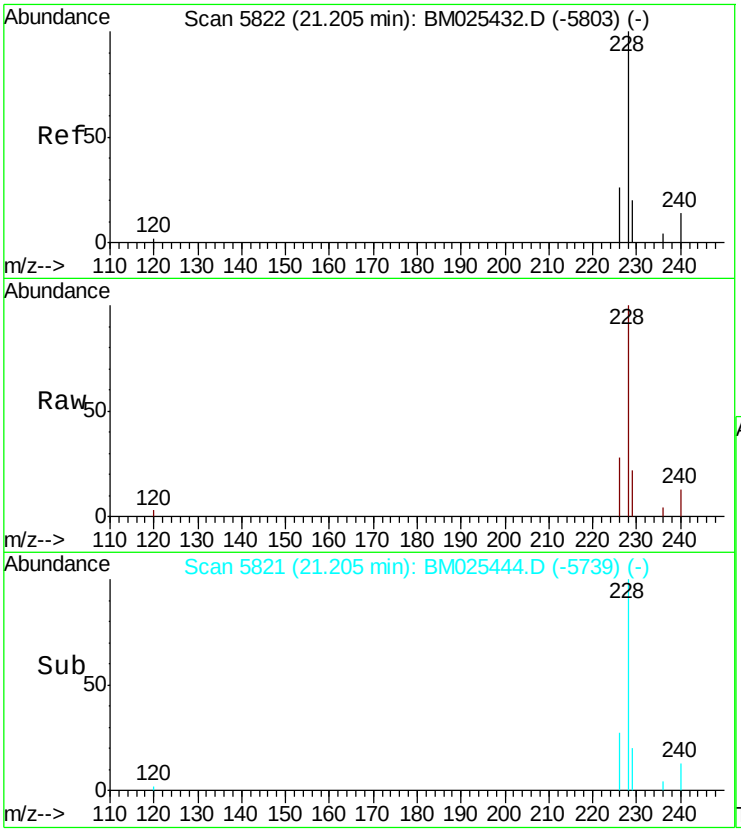


#17
Pyrene
Concen: 0.583 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:202 Resp: 32550

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	8.2	6.0	9.0

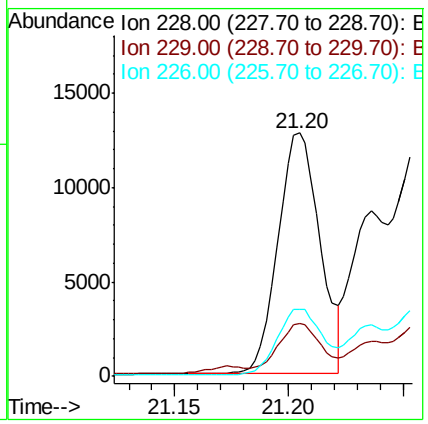




#18
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:228 Resp: 16330

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	27.7	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
DBDL9

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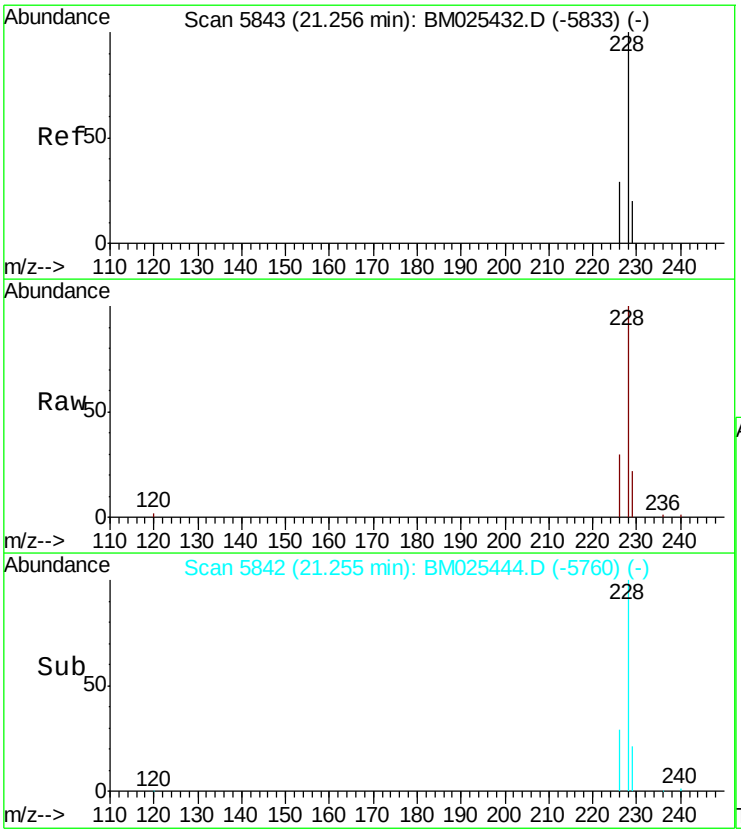
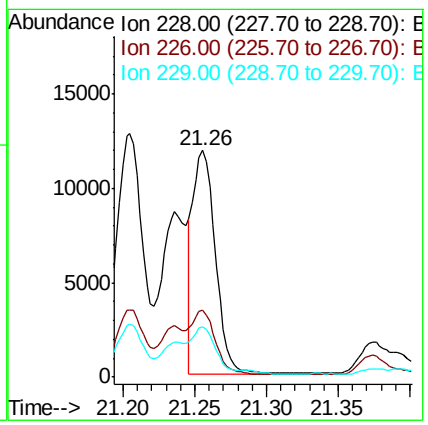
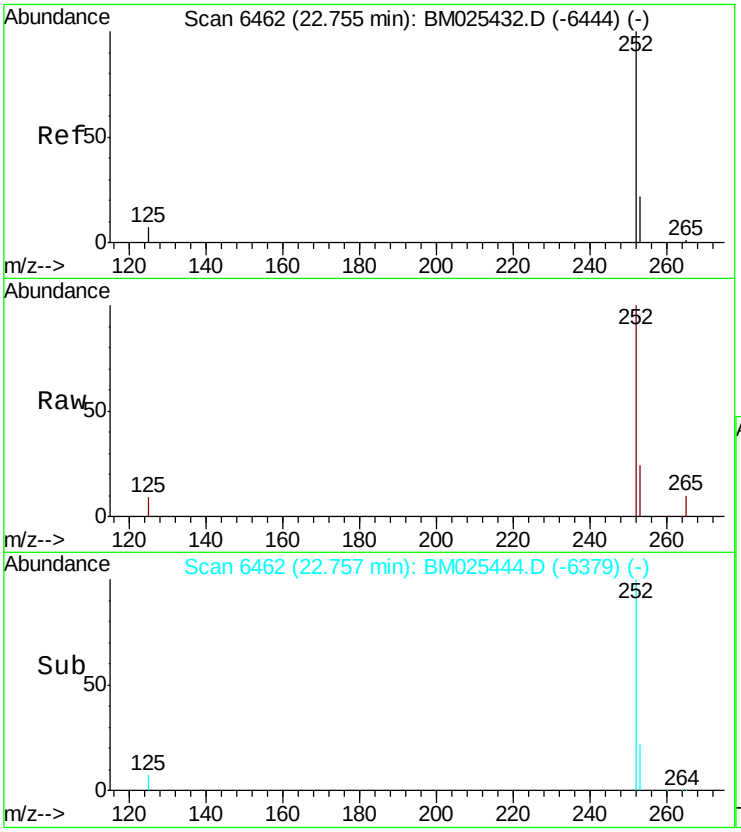


#19
Chrysene
Concen: 0.258 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:228 Resp: 12904

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	22.3	16.3	24.5





#21
Benzo(b)fluoranthene
Concen: 0.995 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:252 Resp: 51400

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	50.2
125	8.5	0.0	17.6

Instrument :
BNA_M
ClientSampleId :
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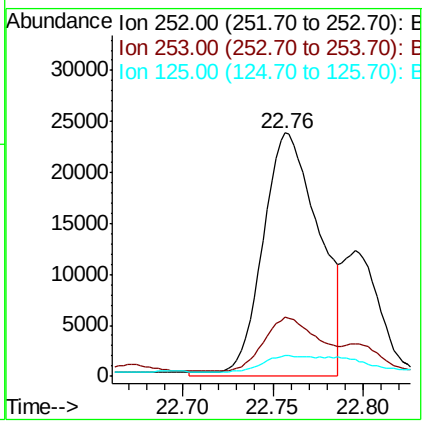
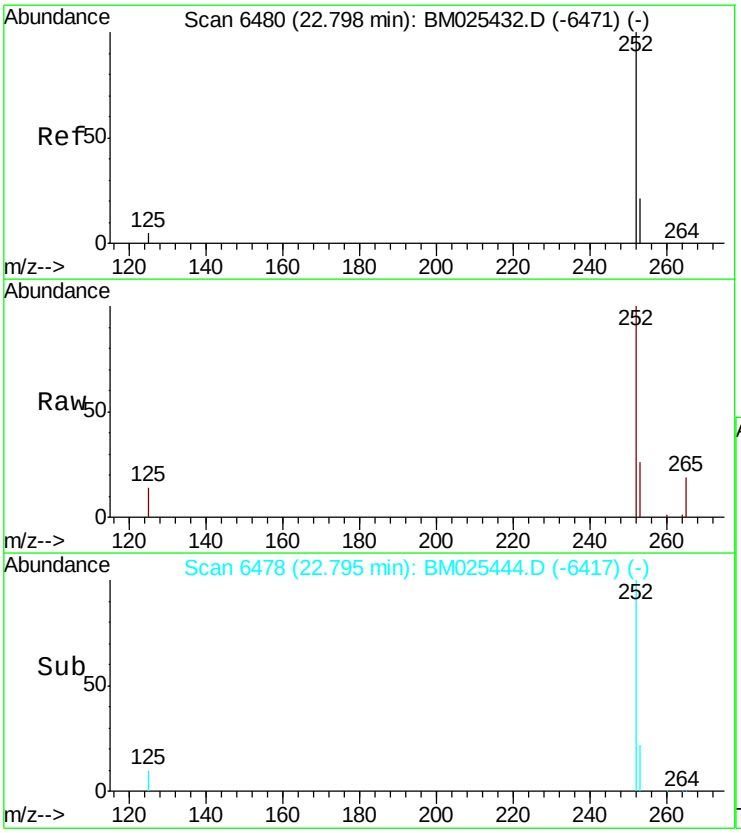
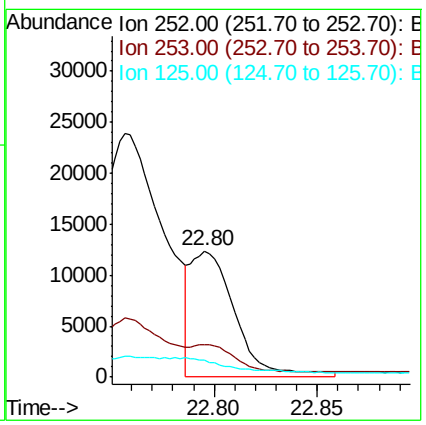


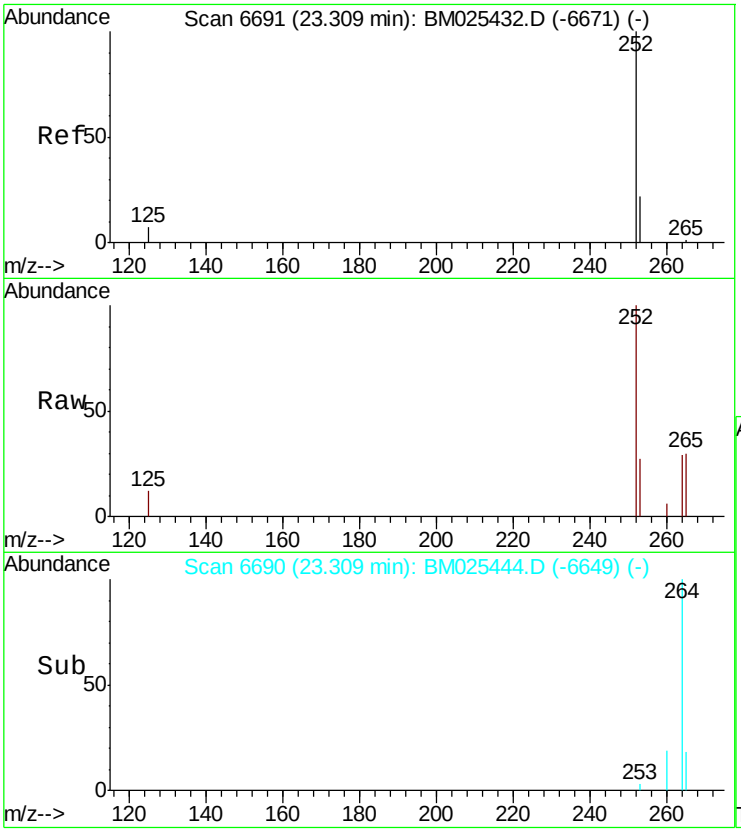


#22
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:252 Resp: 18763

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.8	29.8
125	13.5	7.1	10.7#

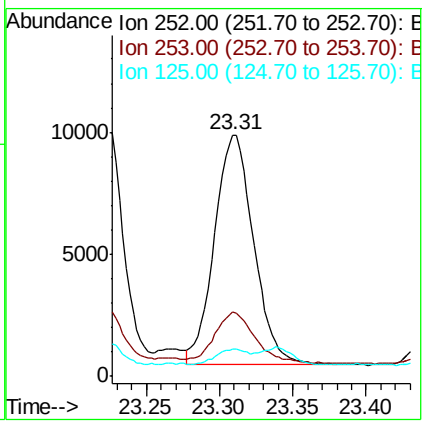




#23
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:252 Resp: 17540

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.3	31.9
125	11.5	8.5	12.7



Instrument :
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ClientSampleId :
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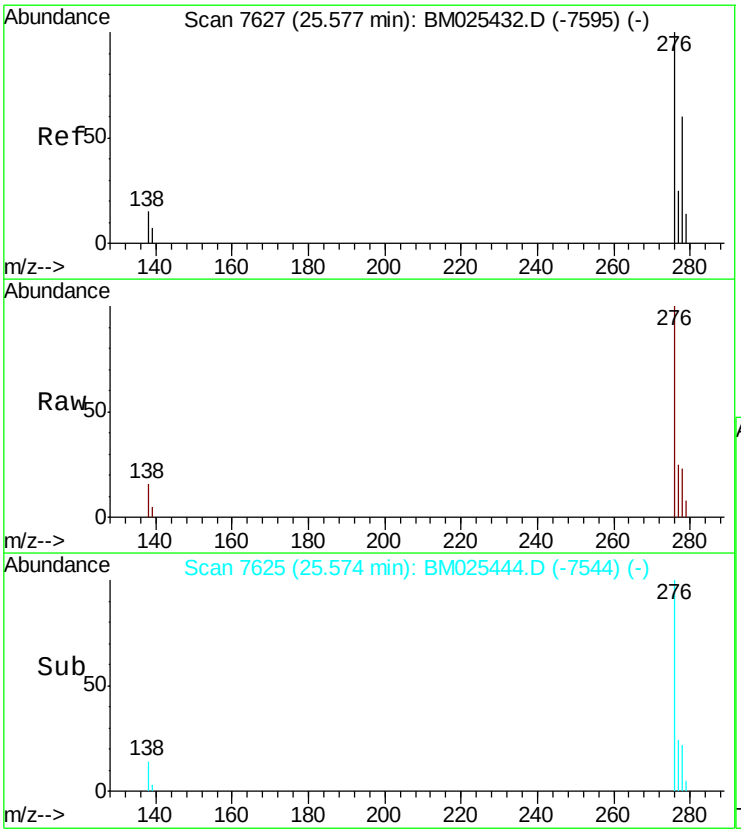
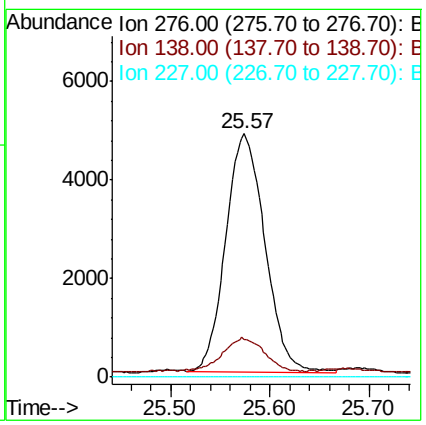
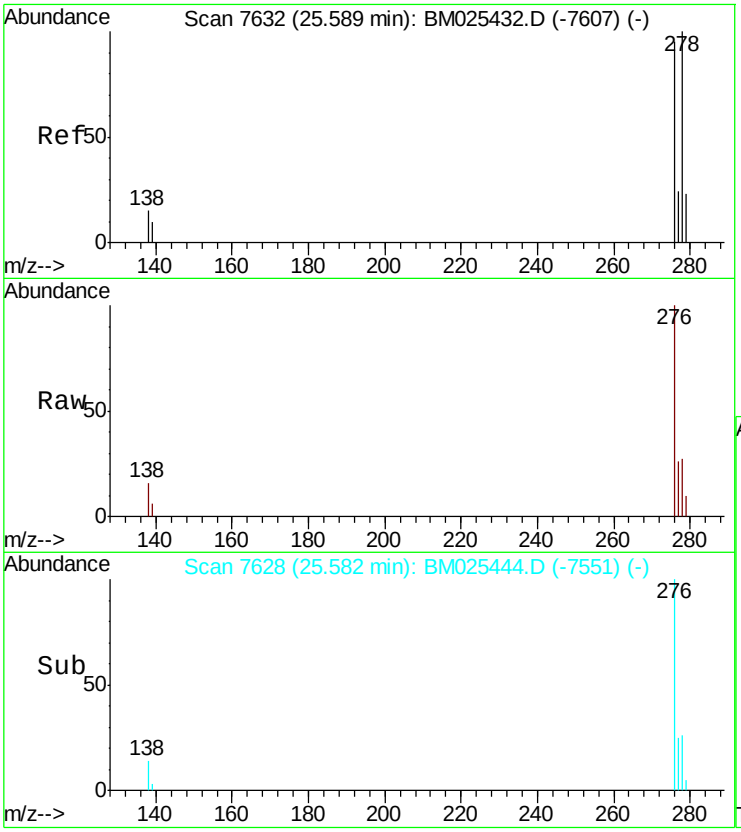


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:276 Resp: 13270

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:278 Resp: 3841

Ion	Ratio	Lower	Upper
278	100		
139	20.2	9.0	13.6#
279	34.7	21.1	31.7#

Instrument :
BNA_M
ClientSampleId :
DBDL9

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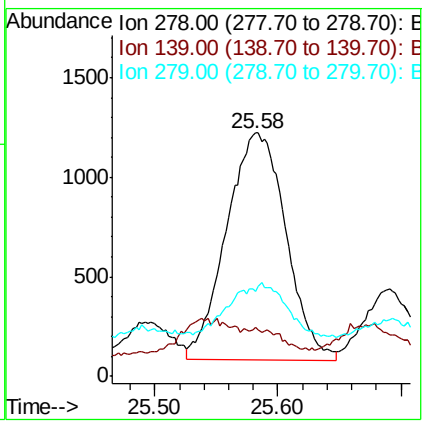

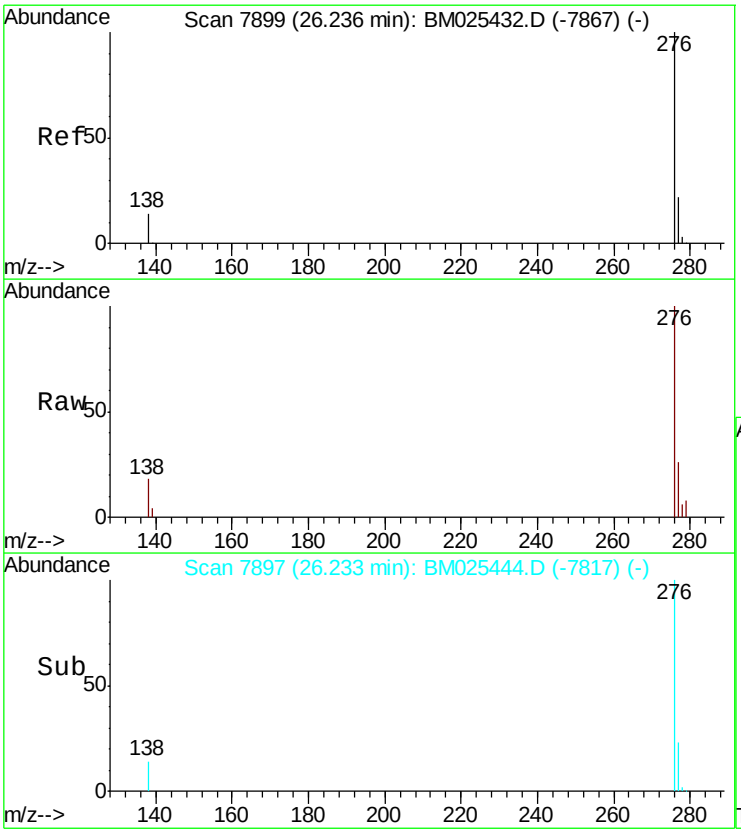

#26
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 26.23 min Scan# 7897
Delta R.T. -0.01 min
Lab File: BM025444.D
Acq: 10 Mar 2020 09:54

Tgt Ion:276 Resp: 7458

Ion	Ratio	Lower	Upper
276	100		
138	17.7	11.0	16.4#
277	25.9	19.8	29.6