Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025437.D
Acq On : 10 Mar 2020 05:42
Operator : CG/JU
Sample : L1615-17DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDP1DL

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:37 AM

Quant Time: Mar 10 11:47:24 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4389	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	13111	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	27996	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	19166	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18912	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	297	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	710	0.01	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	3427	0.064	ng/ul	98
9) Fluorene	15.34	166	1569	0.027	ng/ul#	98
12) Phenanthrene	17.07	178	4195	0.047	ng/ul	98
13) Anthracene	17.16	178	95795	1.241	ng/ul	99
15) Fluoranthene	19.09	202	14468	0.150	ng/ul	98
17) Pyrene	19.45	202	21803	0.253	ng/ul	98
18) Benzo(a)anthracene	21.20	228	13709	0.200	ng/ul	93
19) Chrysene	21.23	228	24795	0.322	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	63414m	0.847	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	26023m	0.332	ng/ul	
23) Benzo(a)pyrene	23.31	252	26911	0.433	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	19595	0.232	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	5719	0.081	ng/ul#	88
26) Benzo(g,h,i)perylene	26.24	276	11267	0.154	ng/ul#	97

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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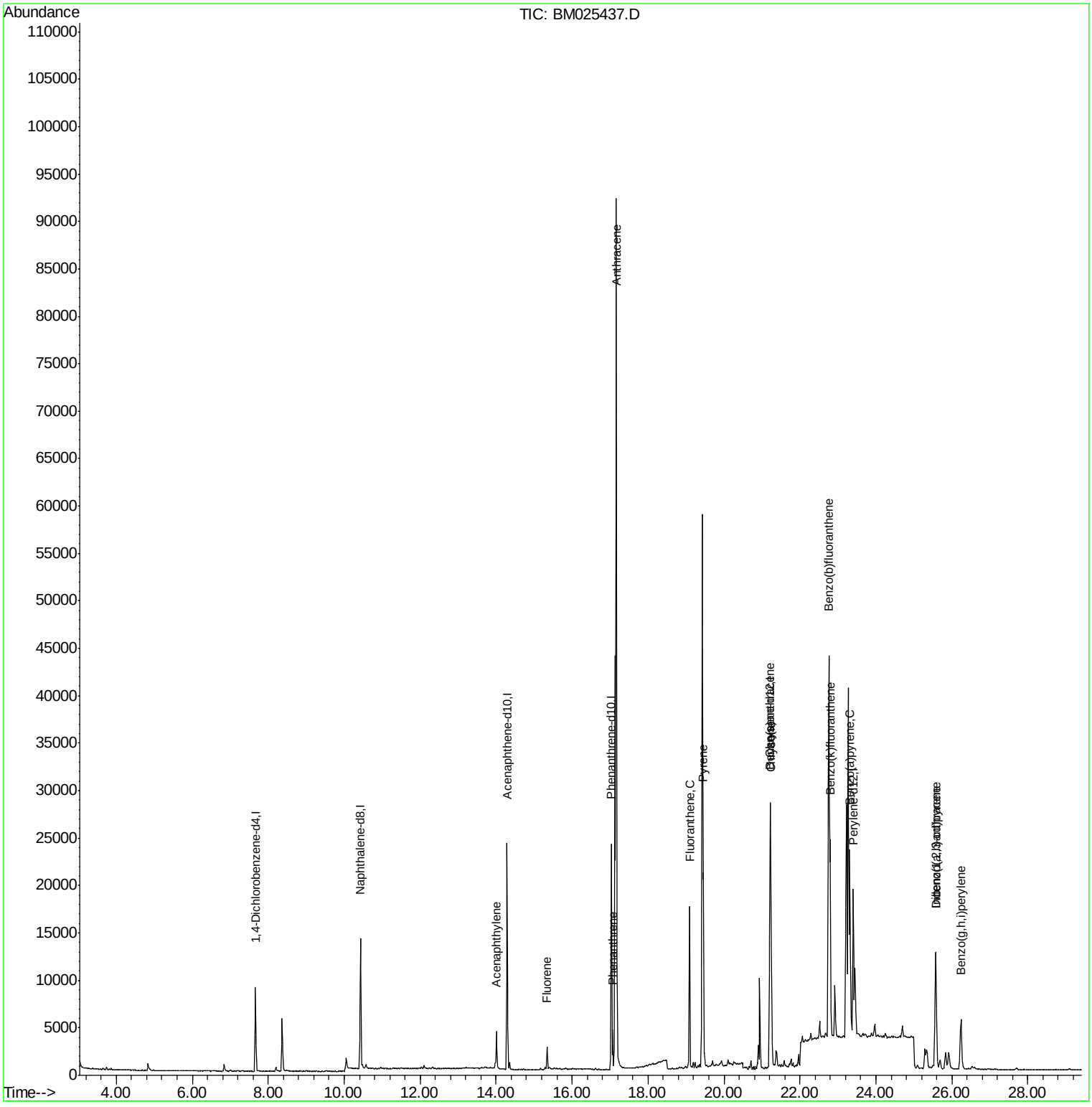
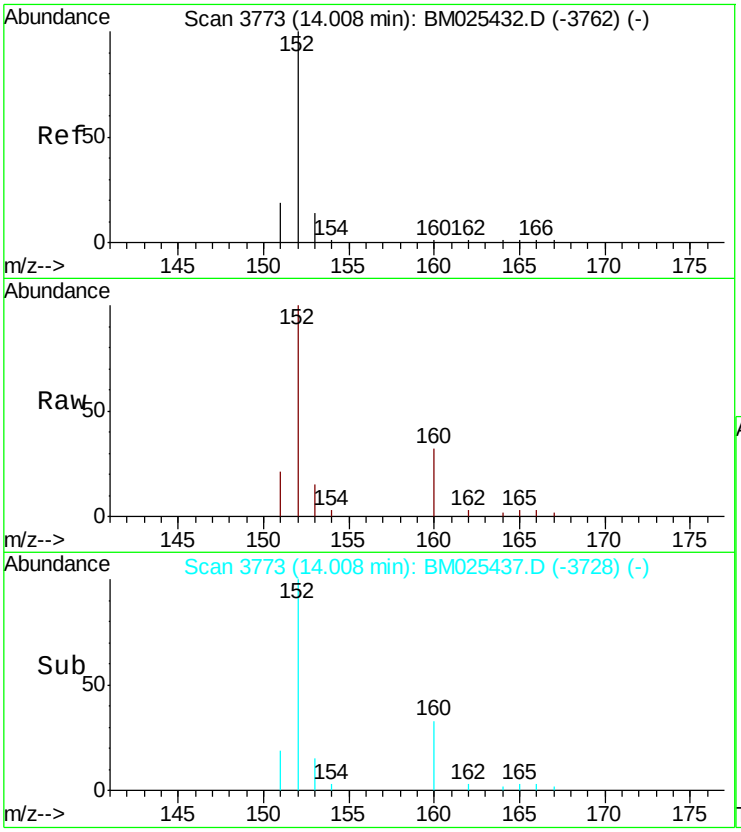
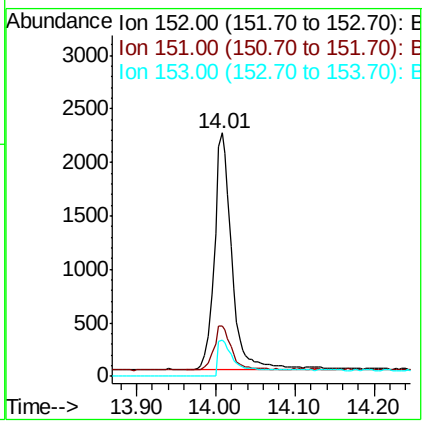




#7
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:152 Resp: 3427

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	14.8	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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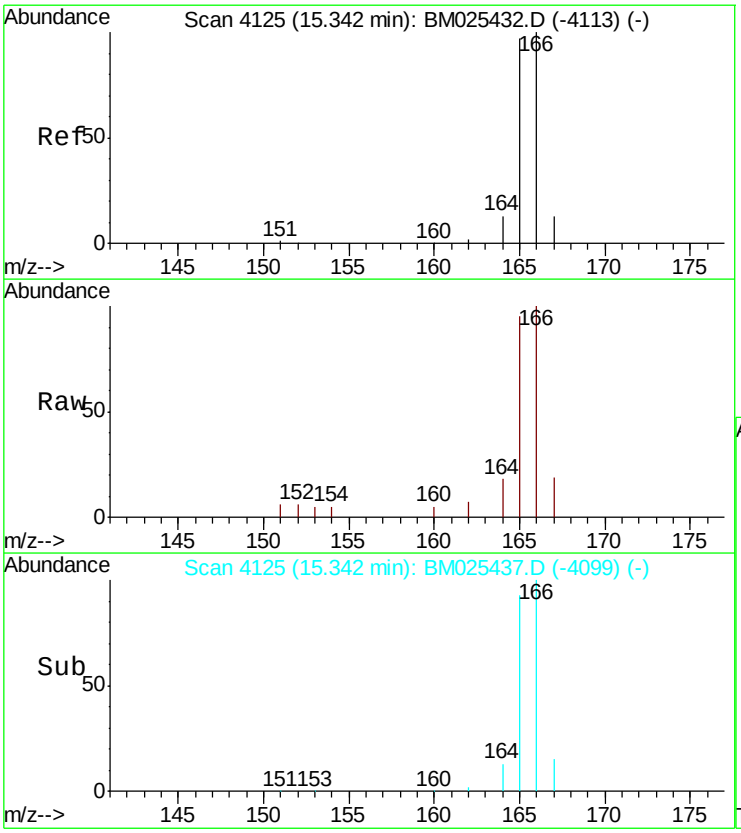
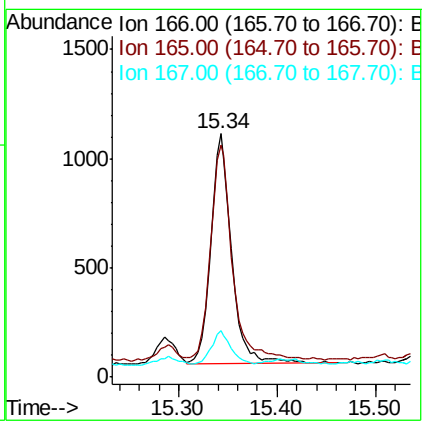
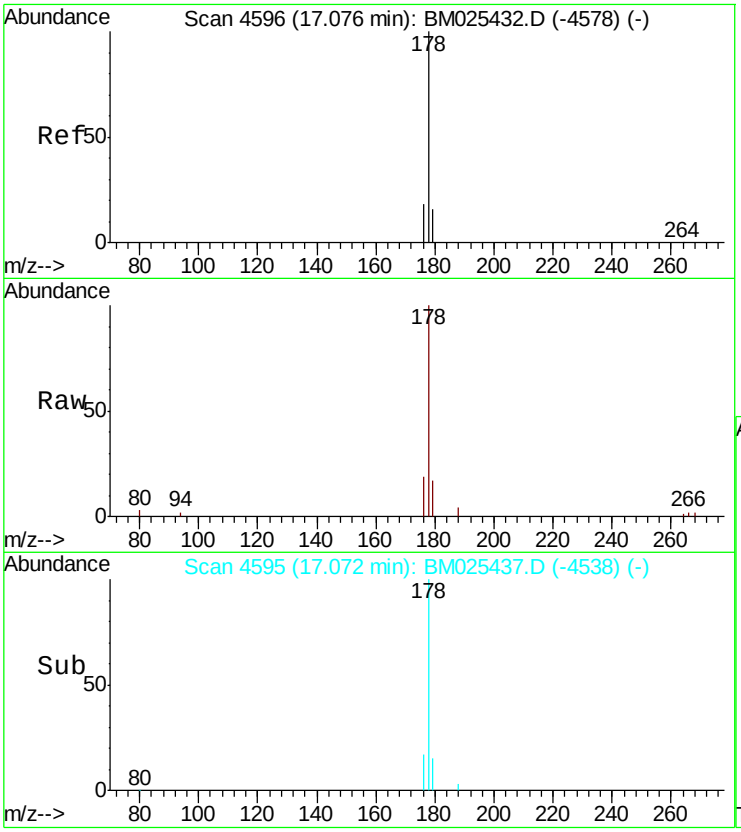


#9
Fluorene
Concen: 0.027 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:166 Resp: 1569

Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.8	115.2
167	19.0	11.2	16.8#

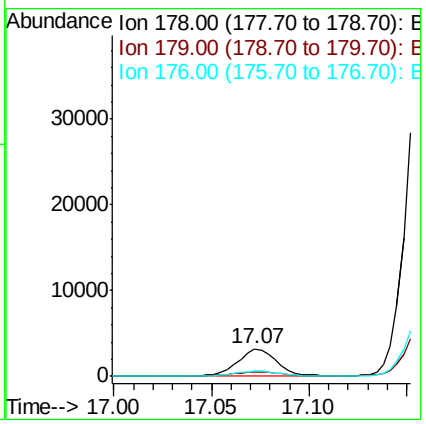




#12
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:178 Resp: 4195

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	18.9	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
DBDP1DL

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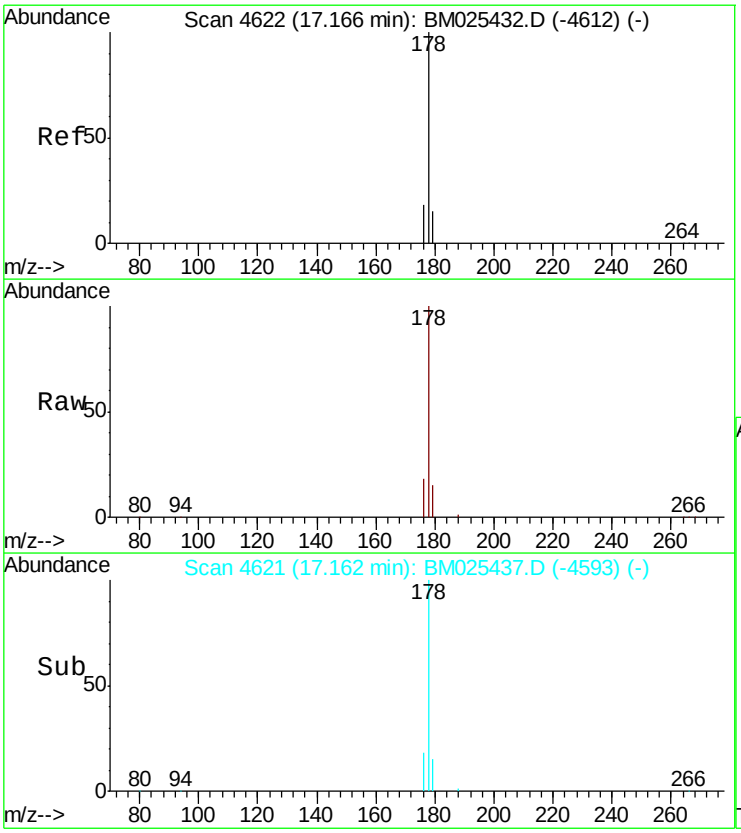
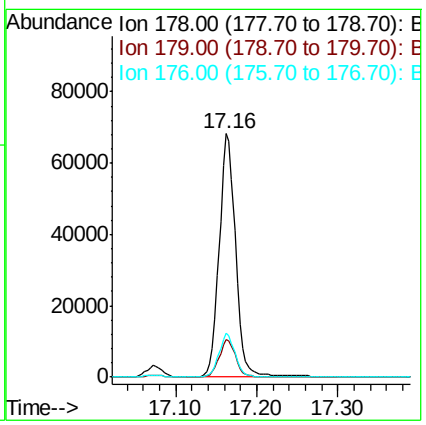
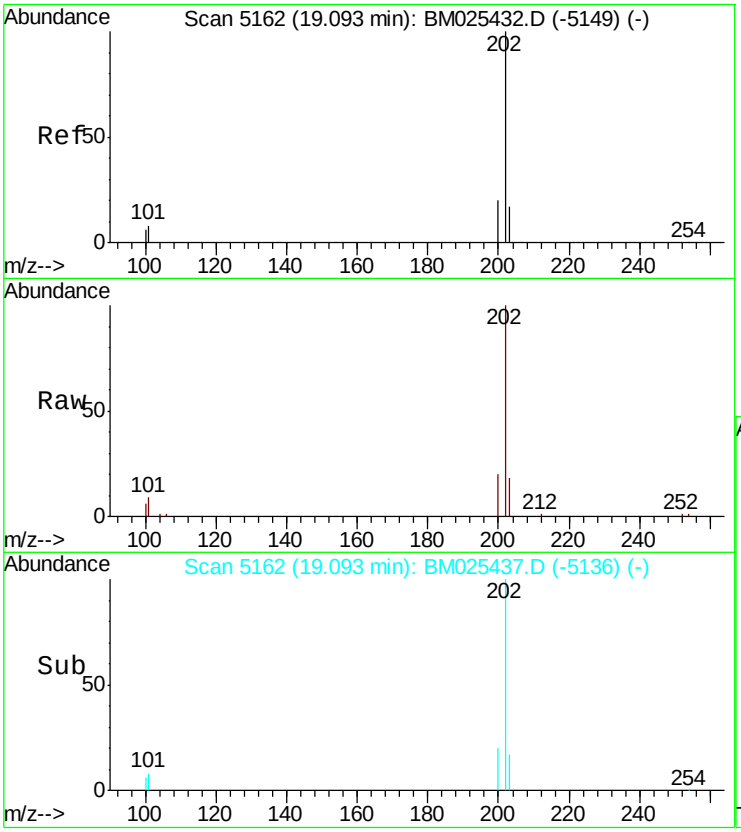


#13
Anthracene
Concen: 1.241 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:178 Resp: 95795

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	17.8	14.5	21.7

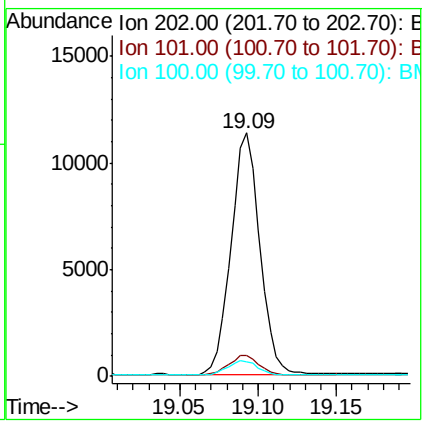




#15
Fluoranthene
Concen: 0.150 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:202 Resp: 14468

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.1	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
DBDP1DL

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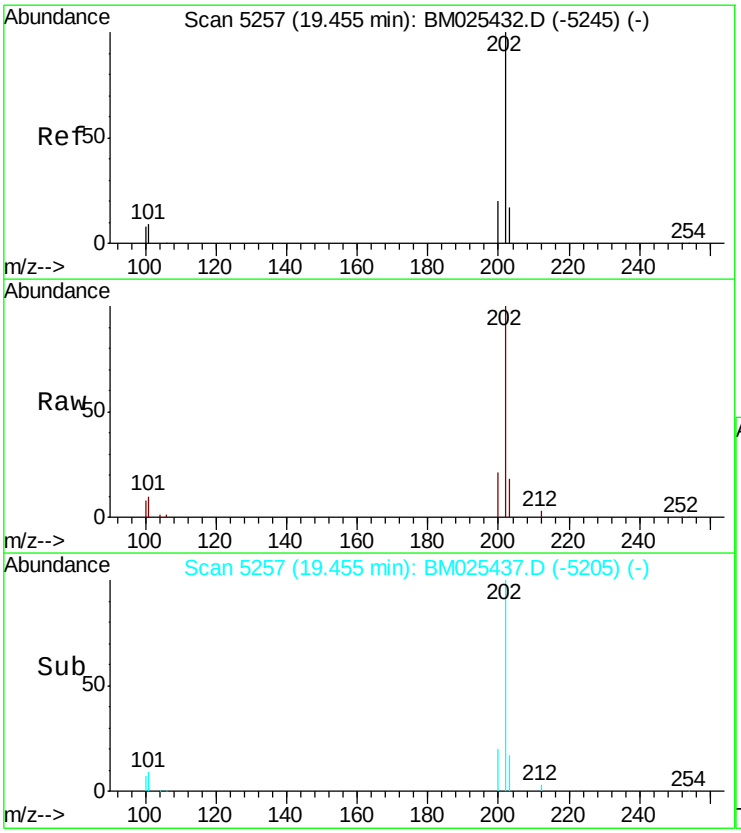
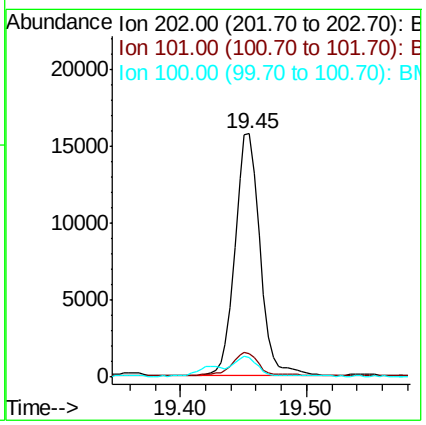
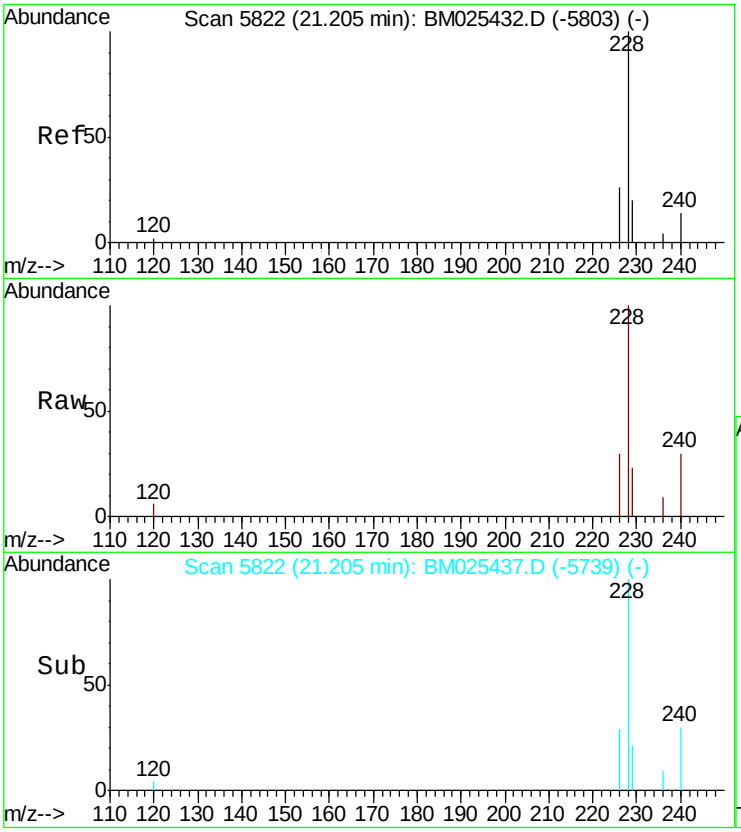


#17
Pyrene
Concen: 0.253 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:202 Resp: 21803

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	7.8	6.0	9.0





#18
Benzo(a)anthracene
Concen: 0.200 ng/ul
RT: 21.20 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:228 Resp: 13709

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.6	23.4
226	29.9	21.1	31.7

Instrument :
BNA_M
ClientSampleId :
DBDP1DL

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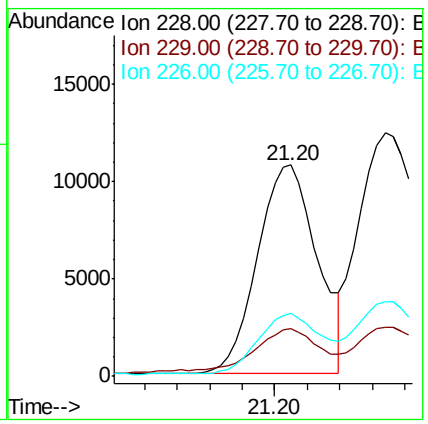
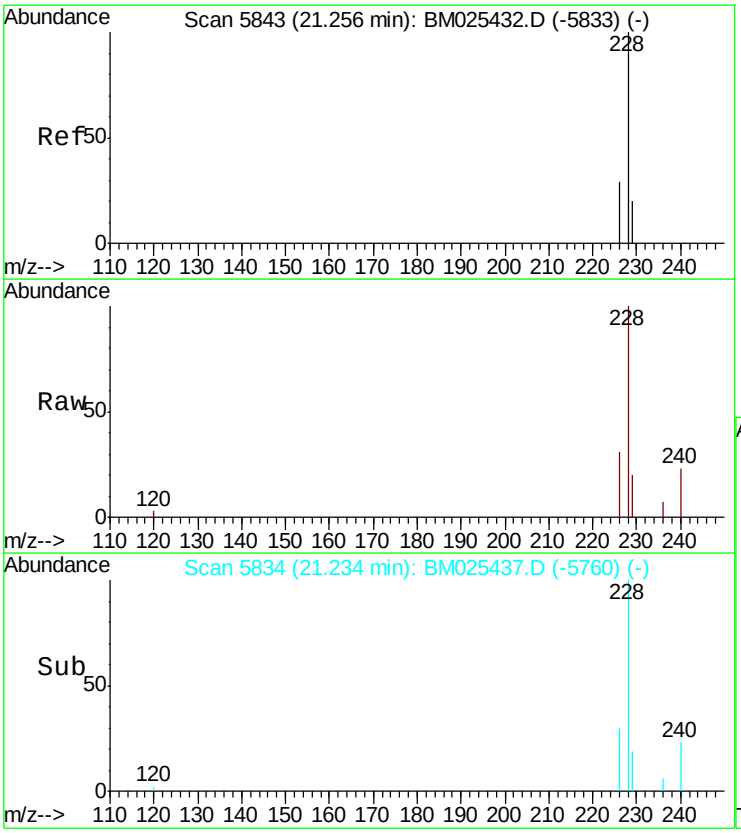
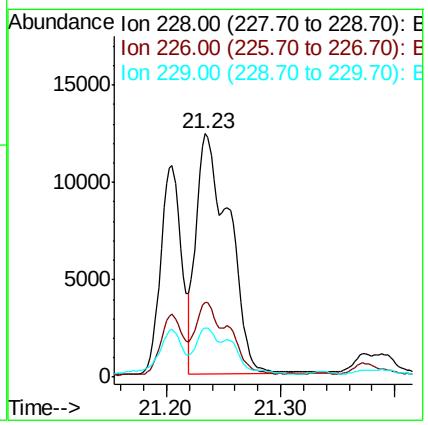


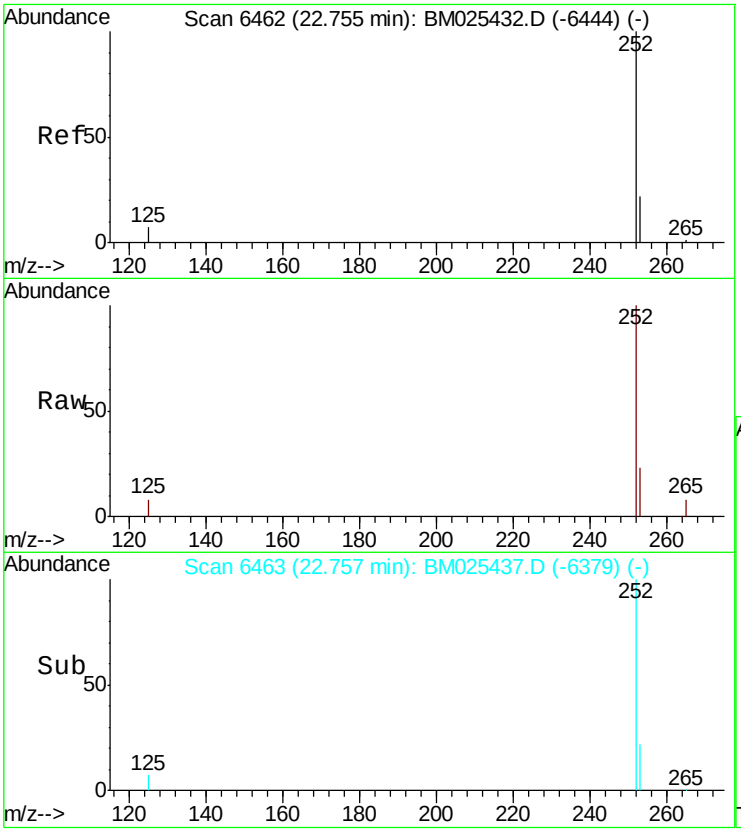


#19
Chrysene
Concen: 0.322 ng/ul
RT: 21.23 min Scan# 5834
Delta R.T. -0.02 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:228 Resp: 24795

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	20.4	16.3	24.5

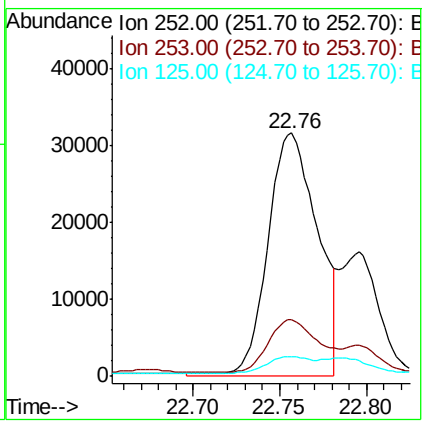




#21
Benzo(b)fluoranthene
Concen: 0.847 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:252 Resp: 63414

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	50.2
125	8.3	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
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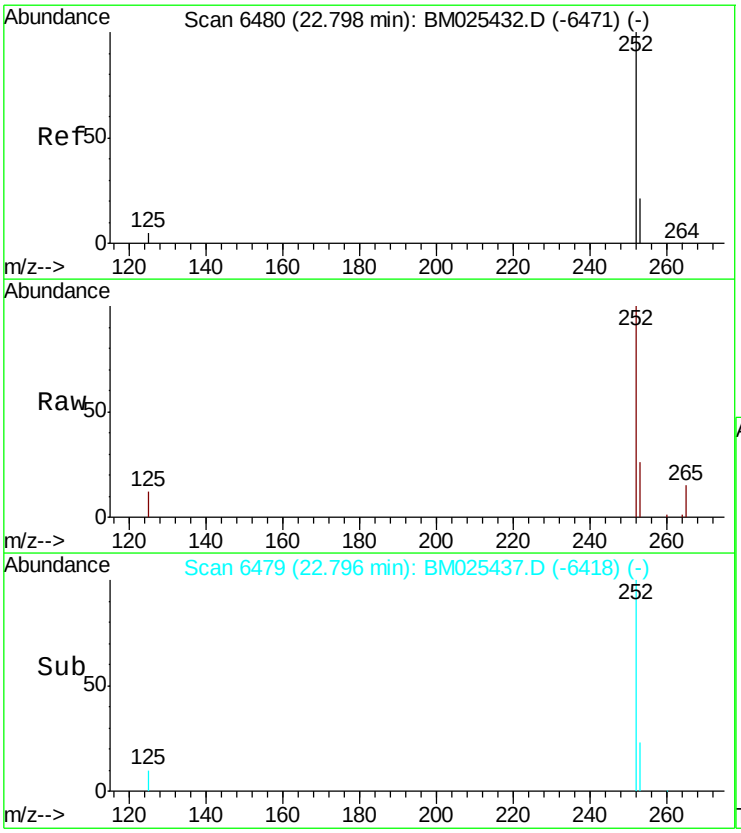
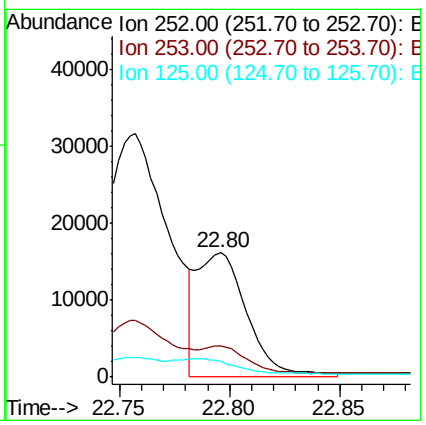
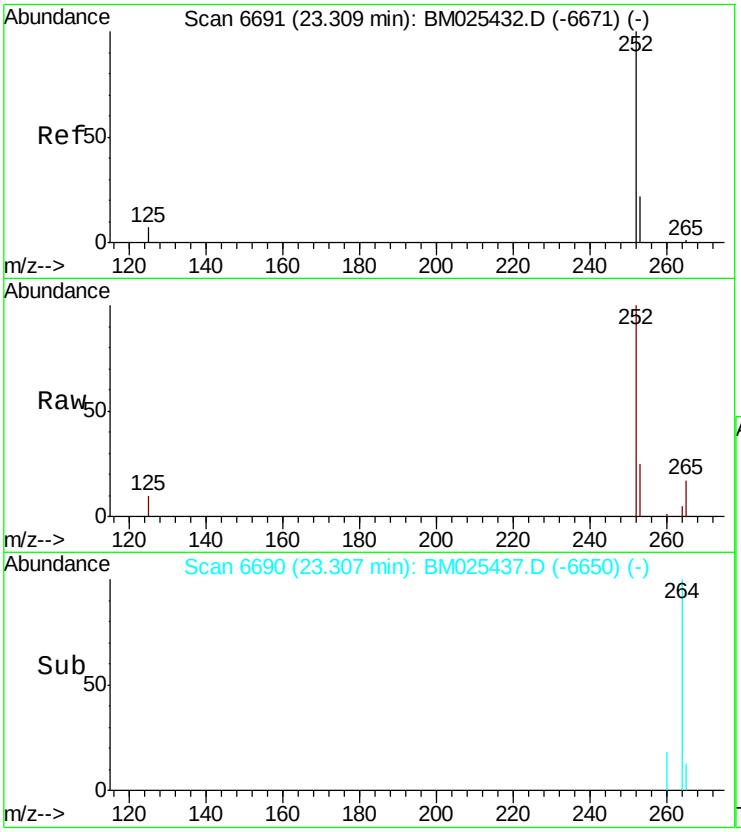


#22
Benzo(k)fluoranthene
Concen: 0.332 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:252 Resp: 26023

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.8	29.8
125	12.2	7.1	10.7#





#23
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:252 Resp: 26911

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.3	31.9
125	9.8	8.5	12.7

Instrument :
BNA_M
ClientSampleId :
DBDP1DL

Manual Integrations APPROVED
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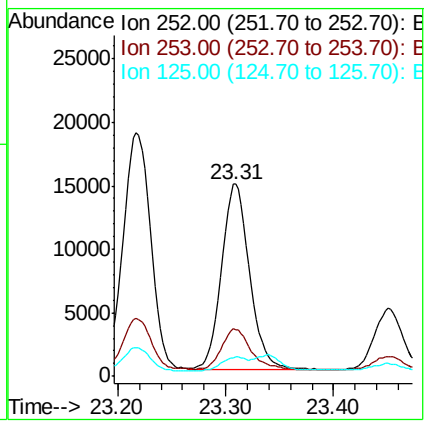
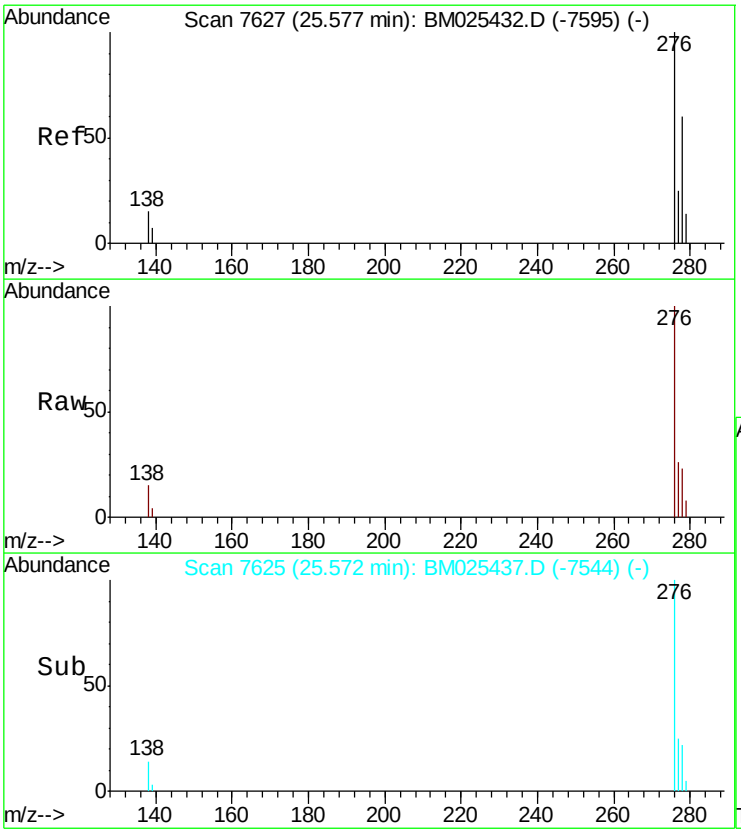
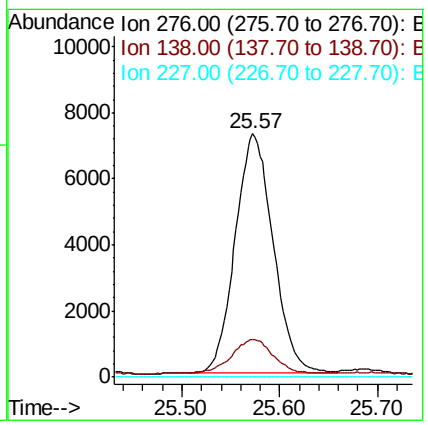


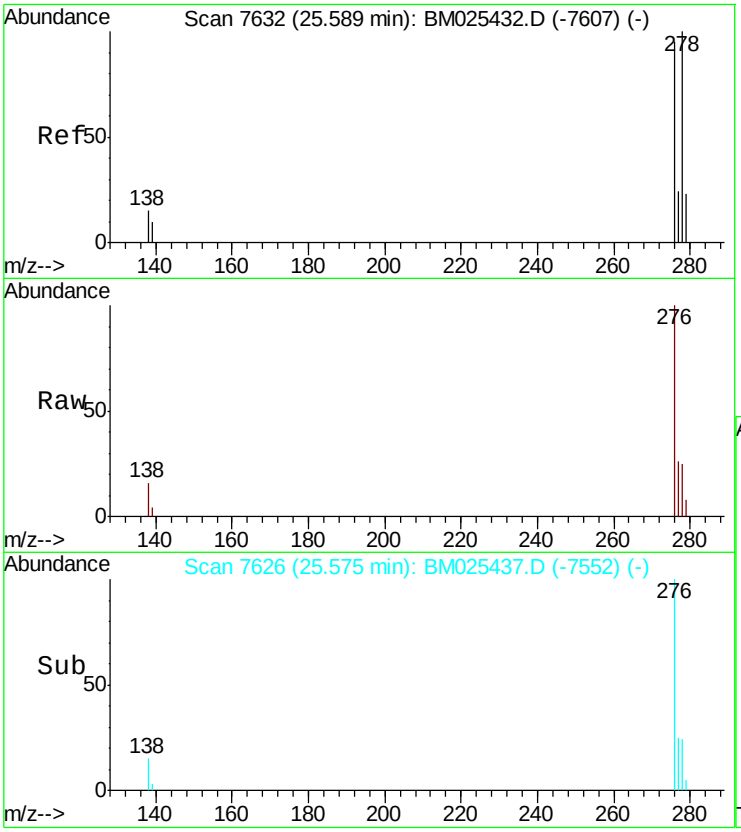


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:276 Resp: 19595

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.57 min Scan# 7626
Delta R.T. -0.02 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:278 Resp: 5719

Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.0	13.6#
279	31.7	21.1	31.7#

Instrument :
BNA_M
ClientSampleId :
DBDP1DL

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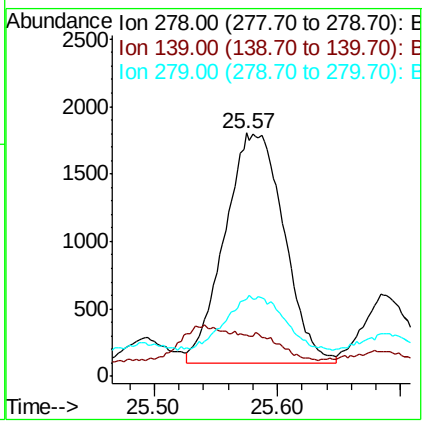

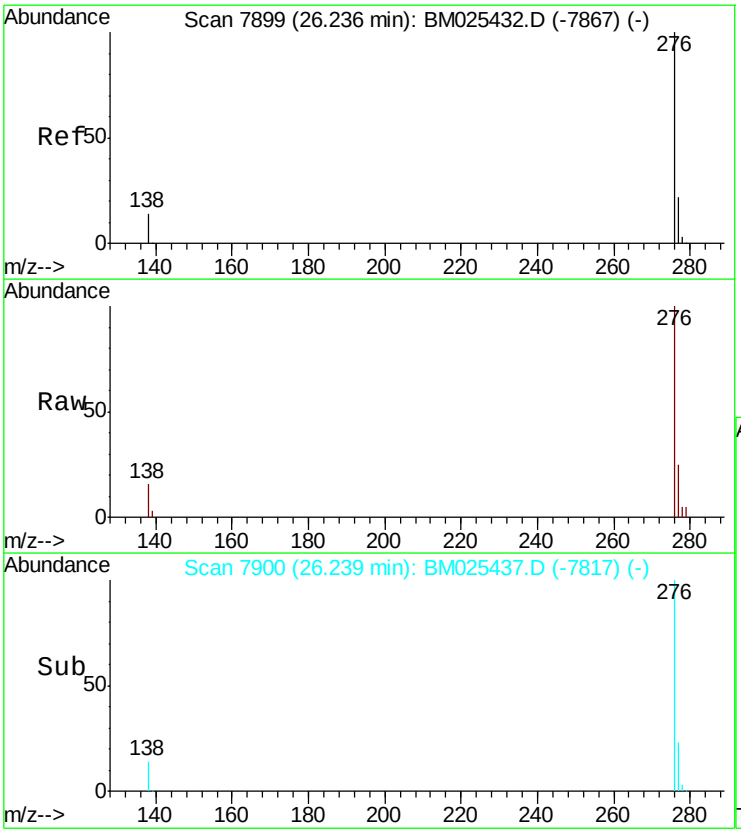

#26
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. -0.00 min
Lab File: BM025437.D
Acq: 10 Mar 2020 05:42

Tgt Ion:276 Resp: 11267

Ion	Ratio	Lower	Upper
276	100		
138	16.5	11.0	16.4#
277	24.6	19.8	29.6