Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025498.D
Acq On : 11 Mar 2020 19:18
Operator : CG/JU
Sample : L1677-05
Misc :
ALS Vial : 91 Sample Multiplier: 1

Quant Time: Mar 12 02:11:25 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 : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0CC9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3109	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13845	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9630	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21181	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15694	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14326	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7371	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	18754	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	4180	0.102	ng/ul	97
5) 2-Methylnaphthalene	12.09	142	2078	0.071	ng/ul	100
7) Acenaphthylene	14.00	152	3707	0.094	ng/ul	97
8) Acenaphthene	14.35	153	1394	0.040	ng/ul	96
9) Fluorene	15.34	166	2791	0.066	ng/ul#	96
12) Phenanthrene	17.07	178	49636	0.739	ng/ul	100
13) Anthracene	17.16	178	16211	0.278	ng/ul	99
15) Fluoranthene	19.09	202	121851	1.675	ng/ul	98
17) Pyrene	19.45	202	102866	1.460	ng/ul	98
18) Benzo(a)anthracene	21.20	228	52497	0.936	ng/ul	98
19) Chrysene	21.25	228	53208	0.844	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	52776m	0.930	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	20823m	0.350	ng/ul	
23) Benzo(a)pyrene	23.31	252	32454	0.689	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	20616	0.323	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	5877	0.109	ng/ul#	84
26) Benzo(g,h,i)perylene	26.24	276	18554	0.335	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Instrument :
BNA_M
ClientSampleId :
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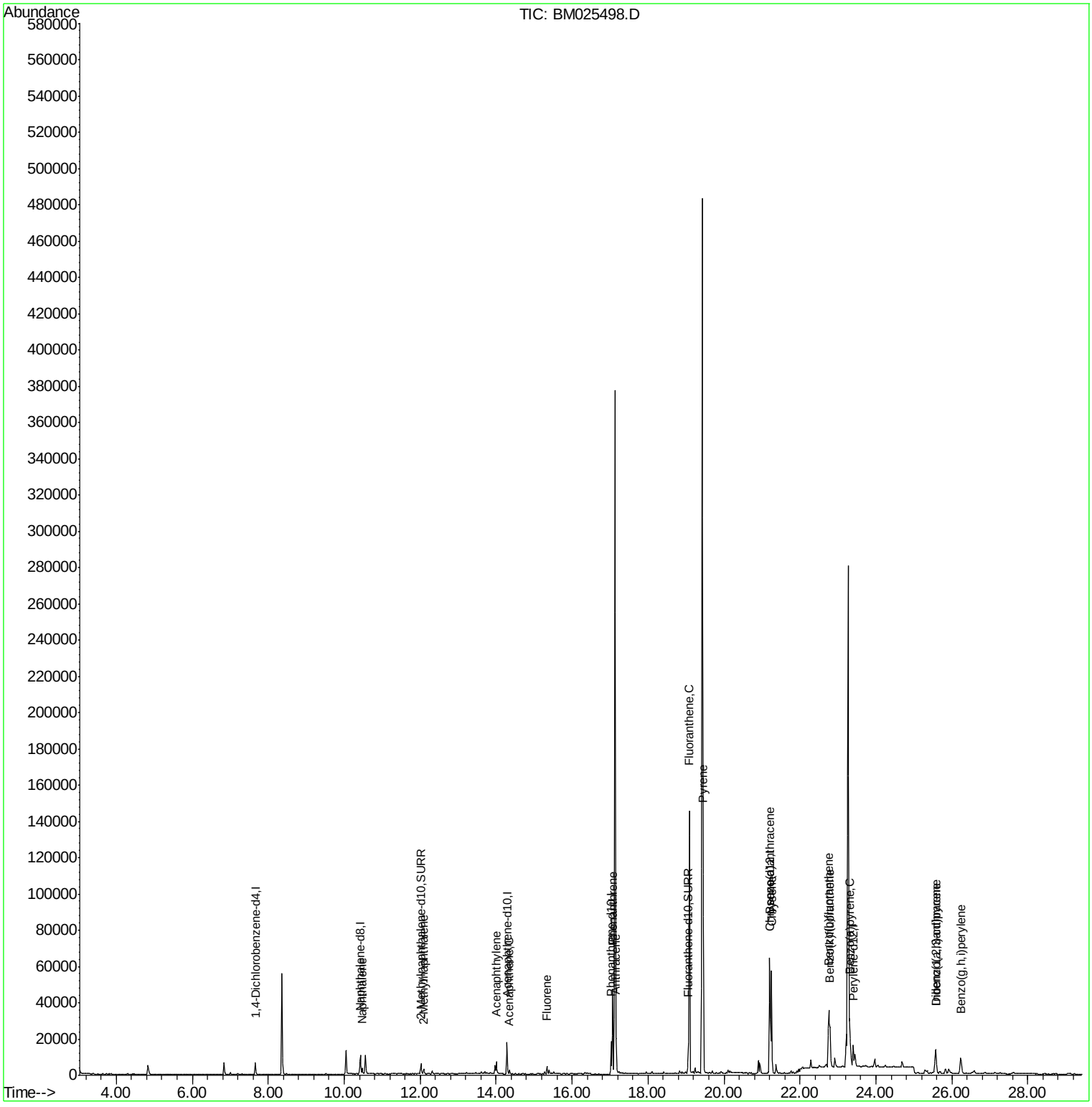
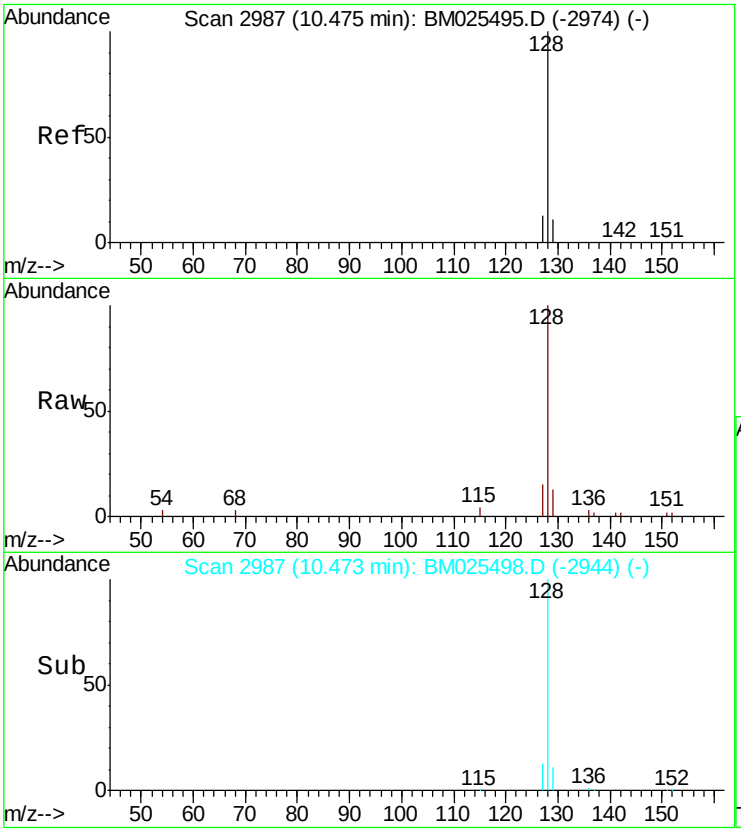
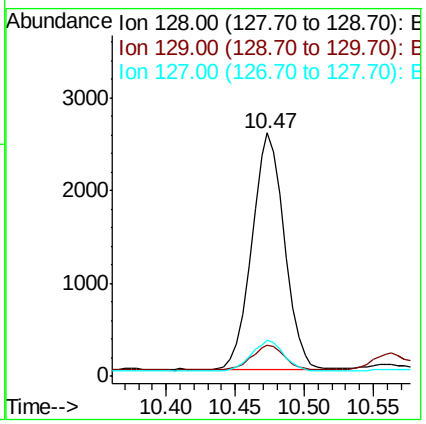




#3
Naphthalene
Concen: 0.102 ng/ul
RT: 10.47 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:128 Resp: 4180

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.4	14.0
127	14.8	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
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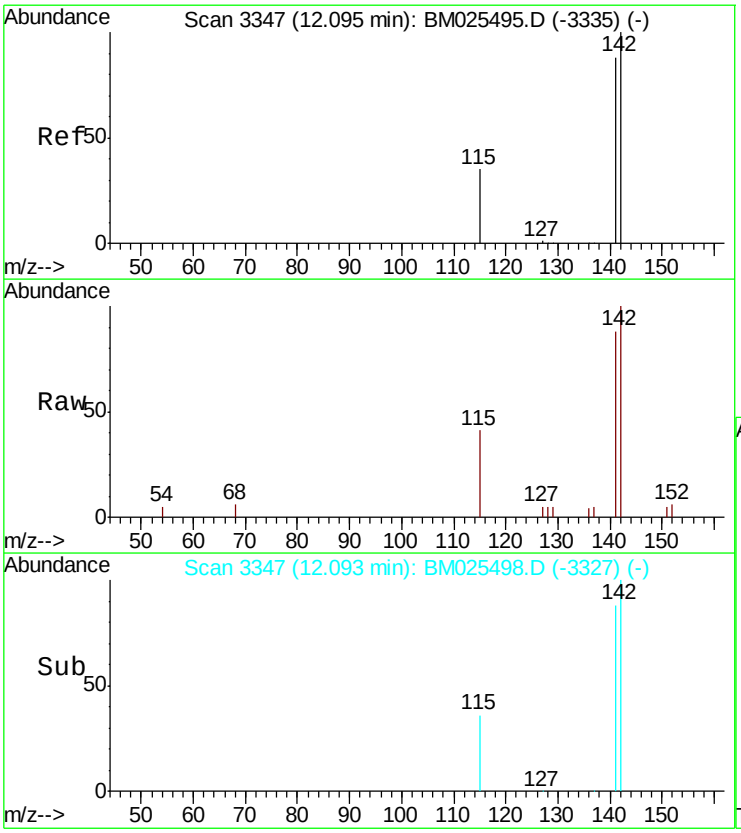
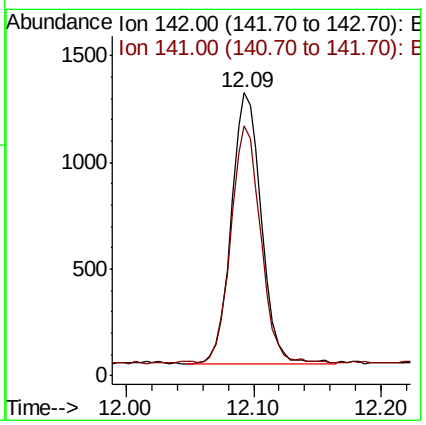
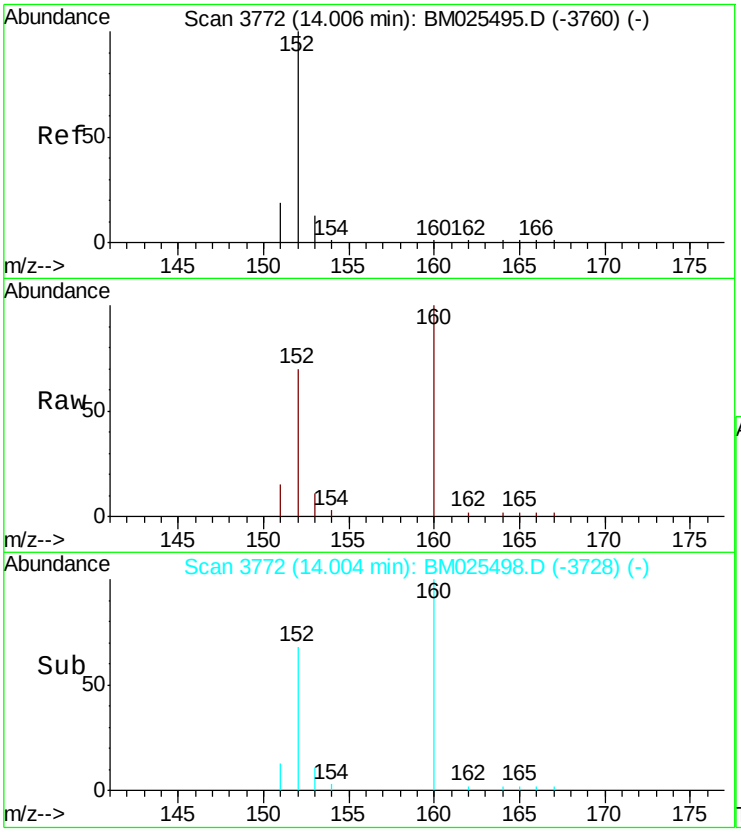


#5
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:142 Resp: 2078

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6

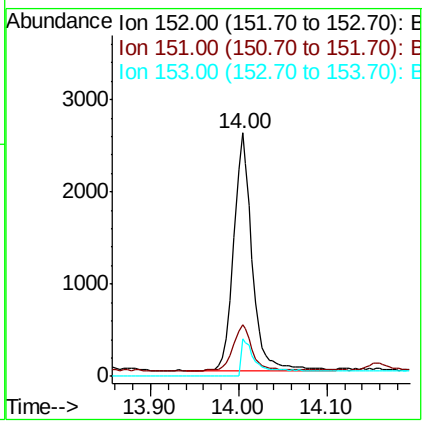




#7
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.00 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:152 Resp: 3707

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	15.6	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
C0CC9

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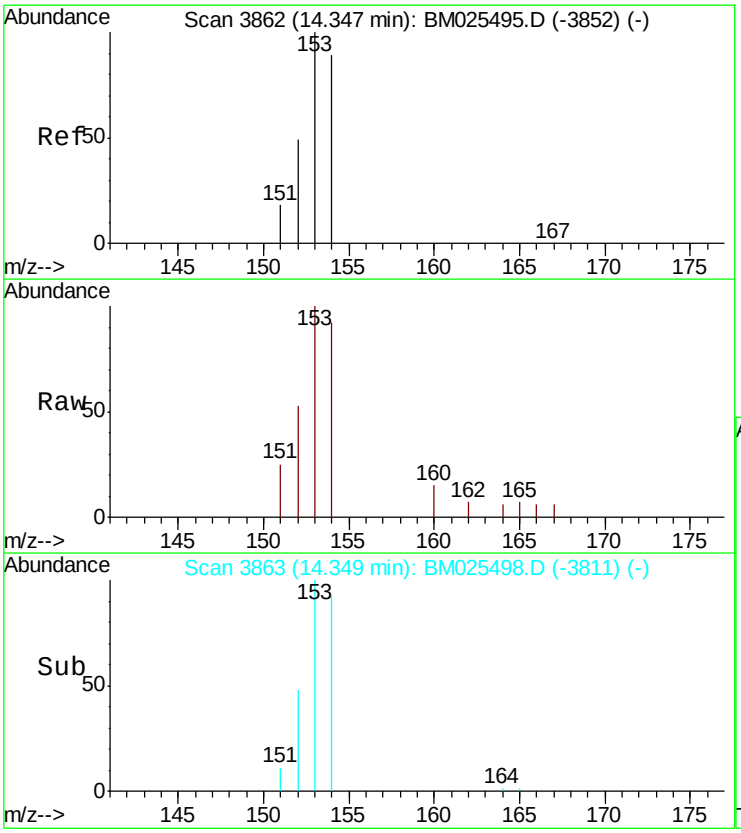
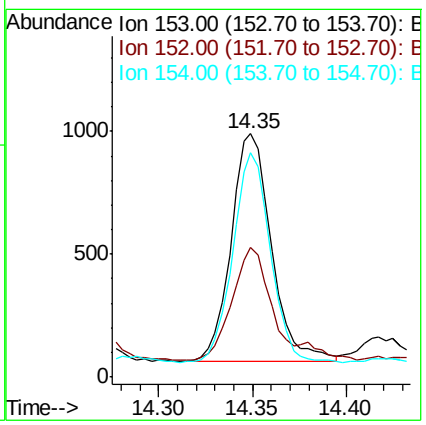
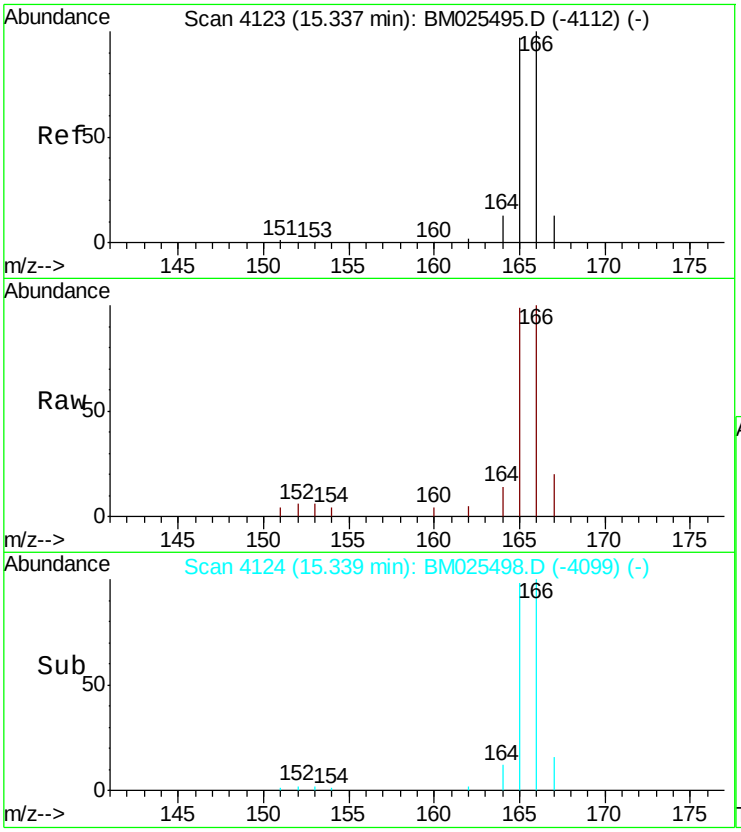


#8
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:153 Resp: 1394

Ion	Ratio	Lower	Upper
153	100		
152	53.0	39.5	59.3
154	92.2	71.7	107.5

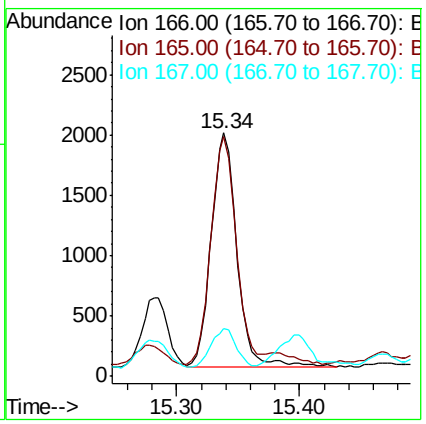




#9
Fluorene
Concen: 0.066 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:166 Resp: 2791

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.8	115.2
167	19.6	11.2	16.8#



Instrument :
BNA_M
ClientSampleId :
C0CC9

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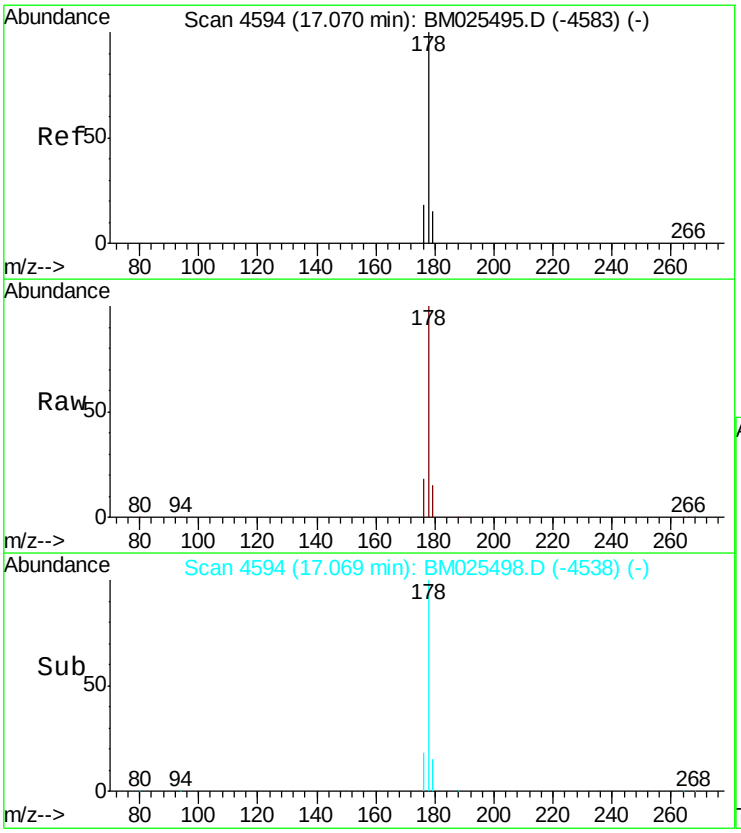
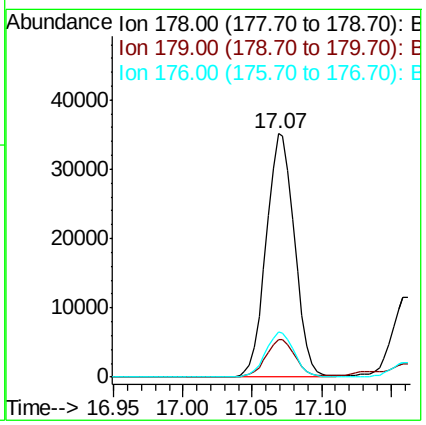
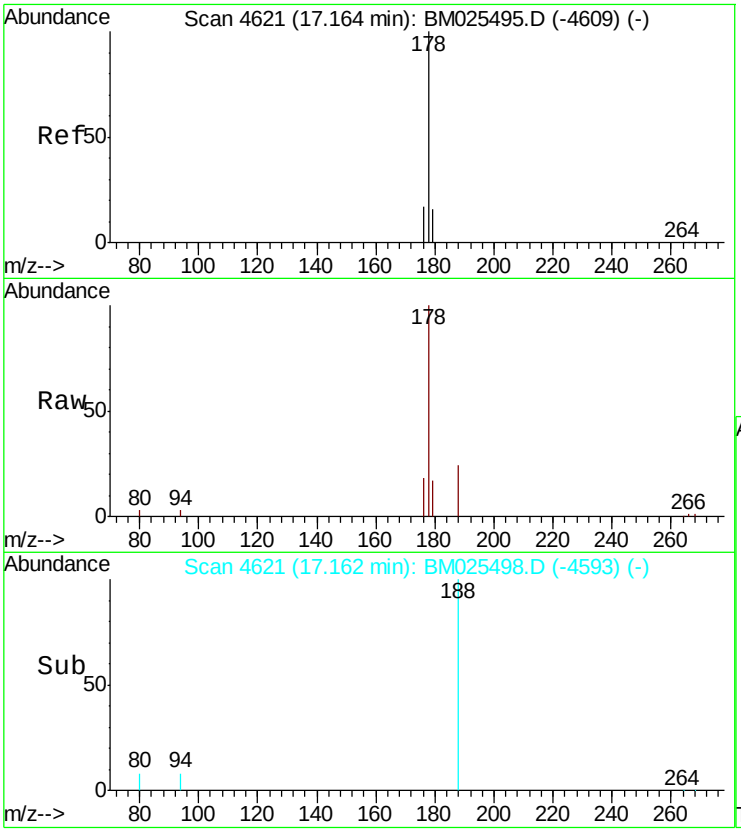


#12
Phenanthrene
Concen: 0.739 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:178 Resp: 49636

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	14.8	22.2

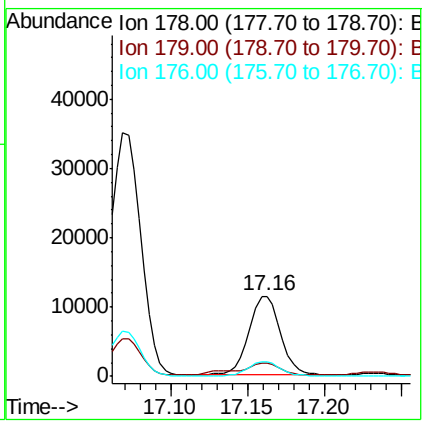




#13
Anthracene
Concen: 0.278 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:178 Resp: 16211

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	17.7	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
C0CC9

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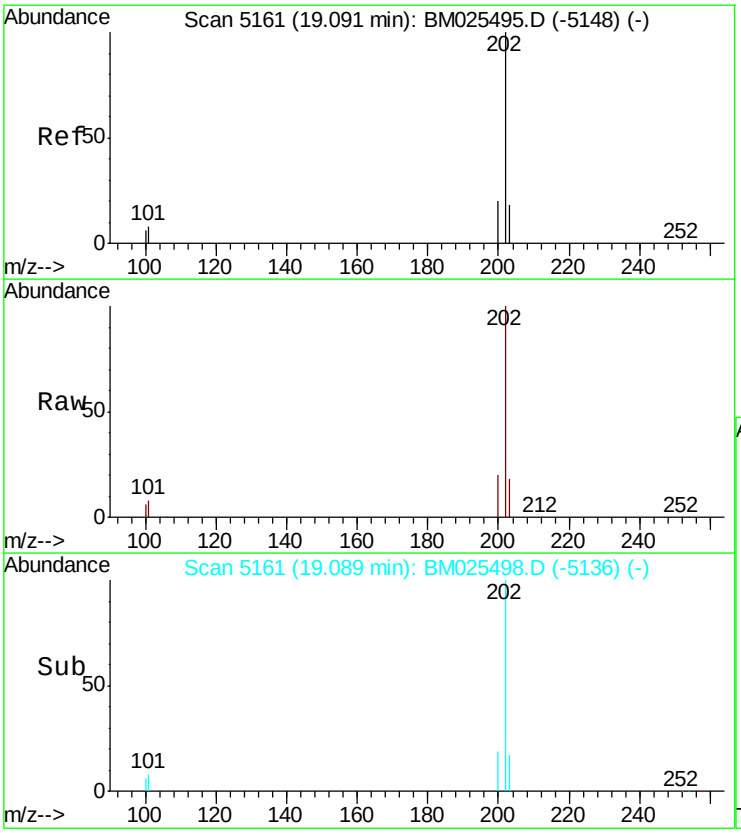
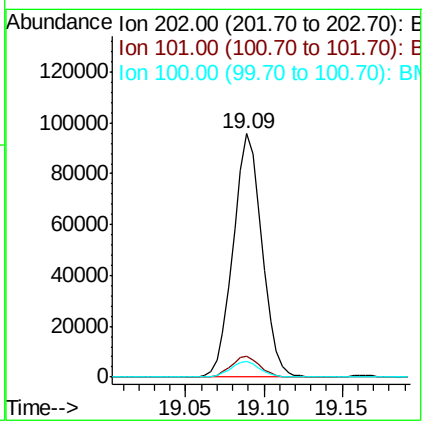
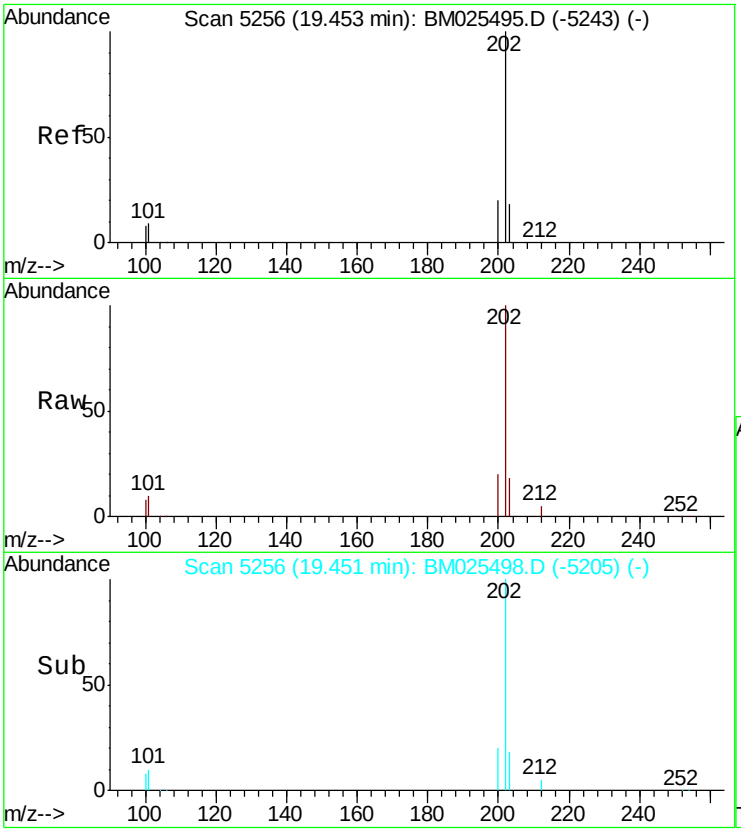


#15
Fluoranthene
Concen: 1.675 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:202 Resp: 121851

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.3	0.0	26.0





#17
Pyrene
Concen: 1.460 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:202 Resp: 102866

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	8.1	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
C0CC9

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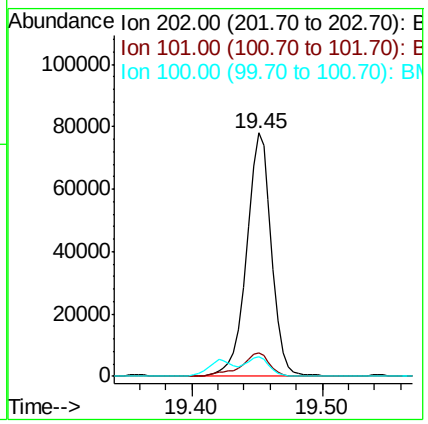
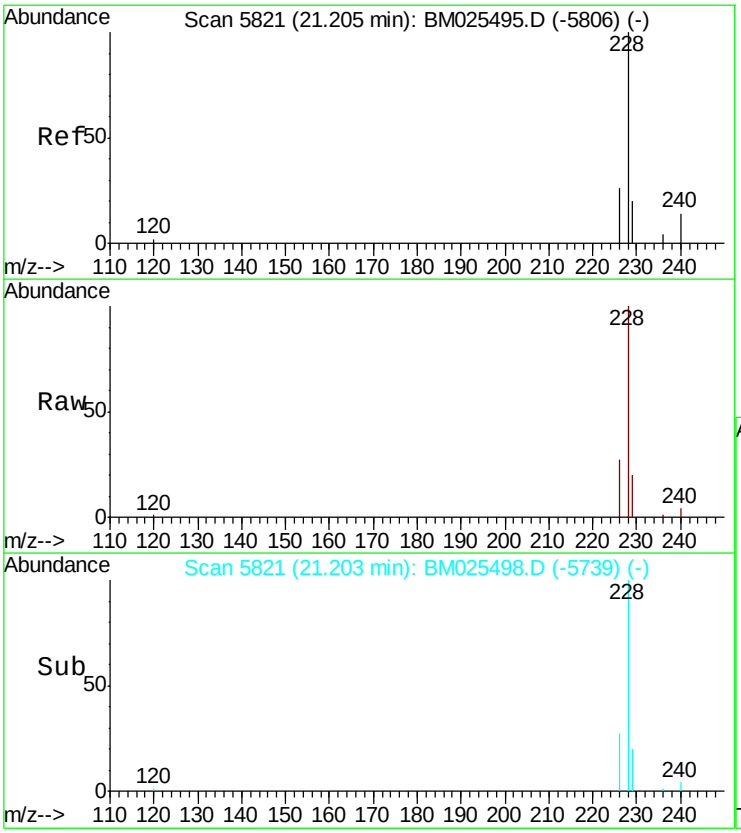
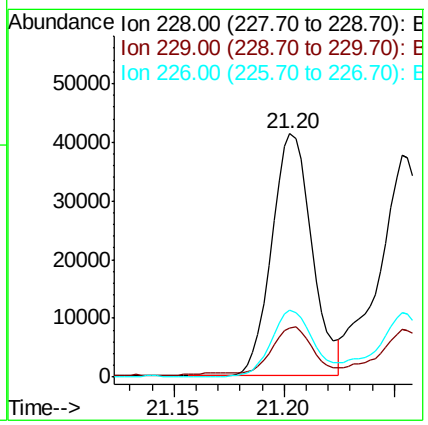


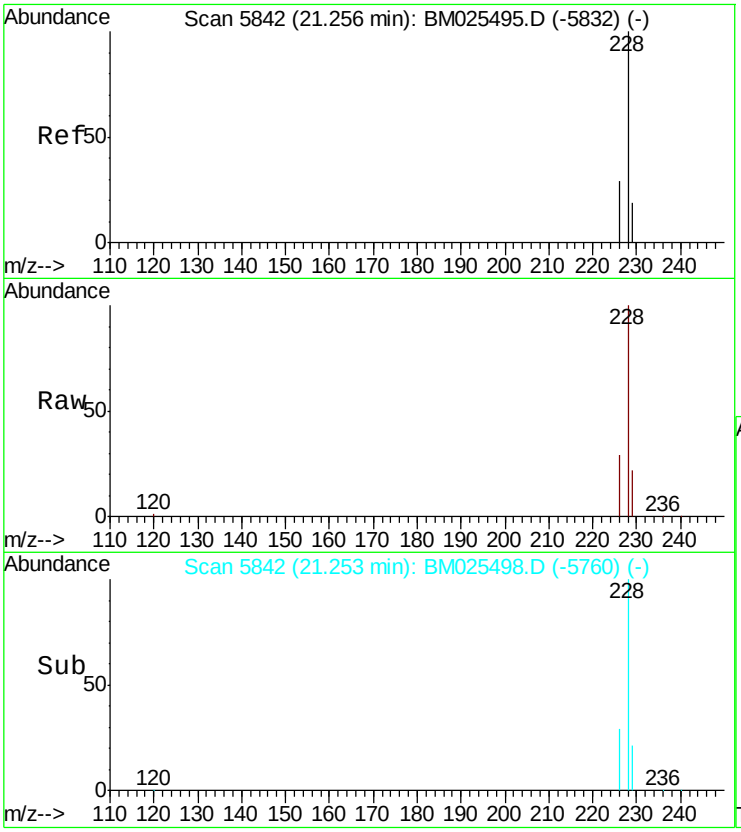


#18
Benzo(a)anthracene
Concen: 0.936 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:228 Resp: 52497

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.3	21.1	31.7





#19
Chrysene
Concen: 0.844 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:228 Resp: 53208

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.6	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
C0CC9

Manual Integrations APPROVED
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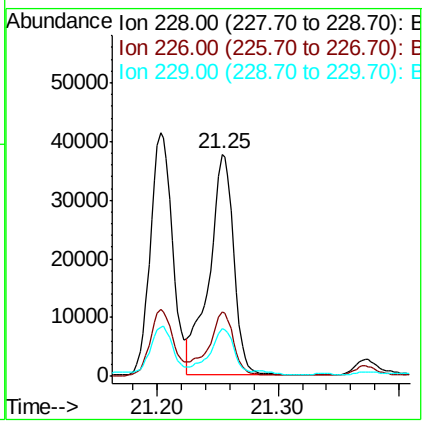
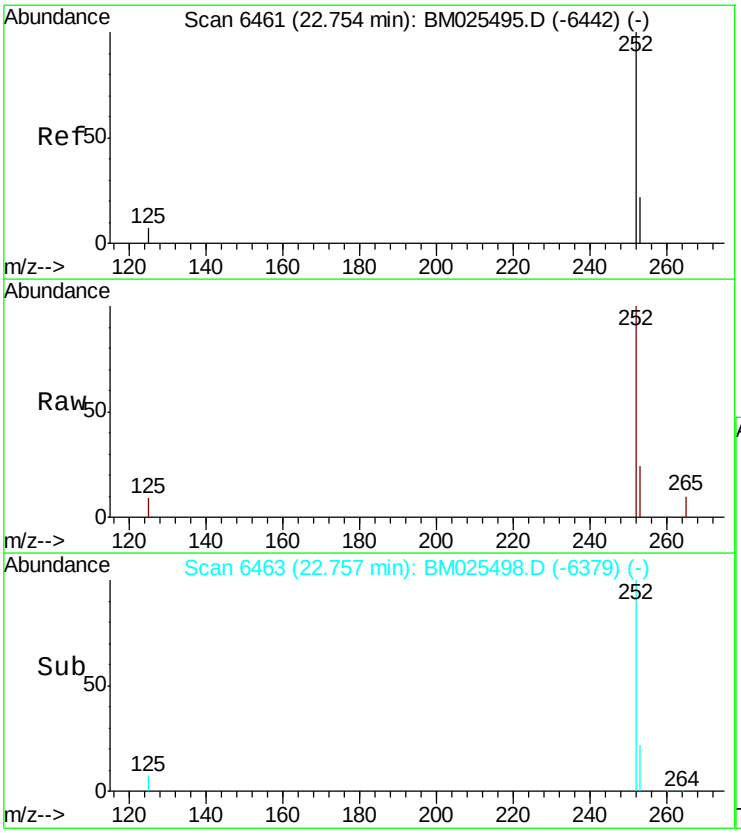
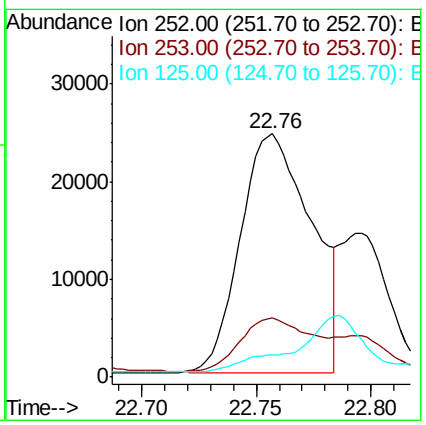


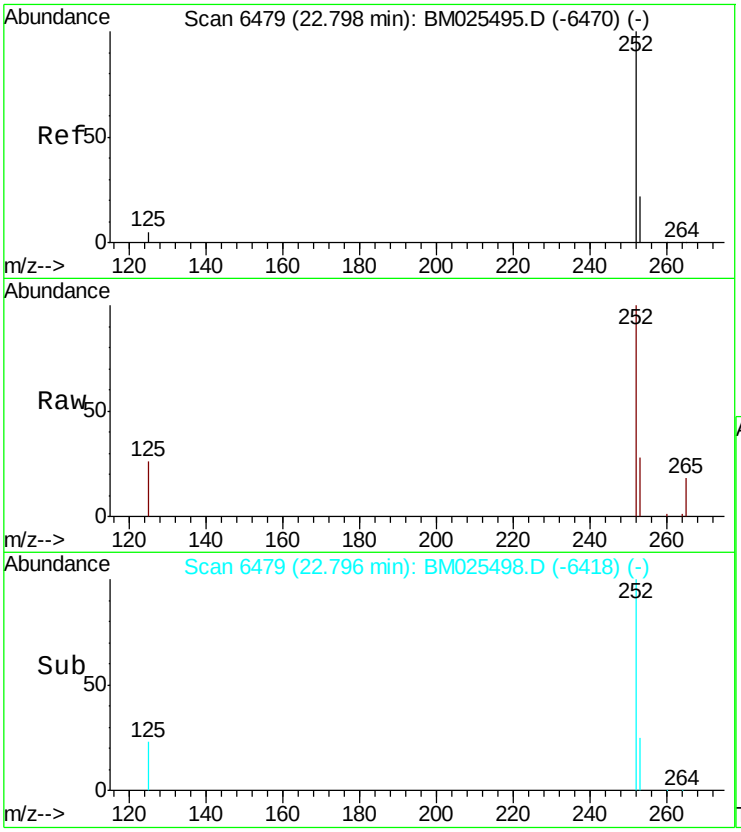


#21
Benzo(b)fluoranthene
Concen: 0.930 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:252 Resp: 52776

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	50.2
125	9.2	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.350 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:252 Resp: 20823

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.8	29.8
125	25.7	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
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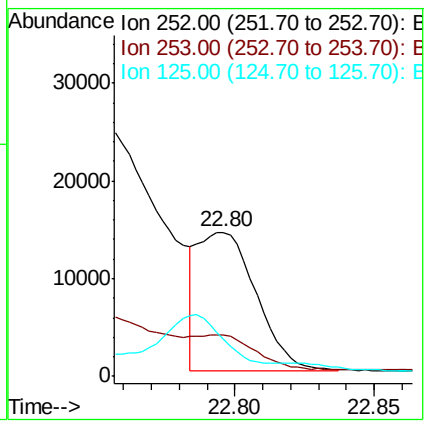
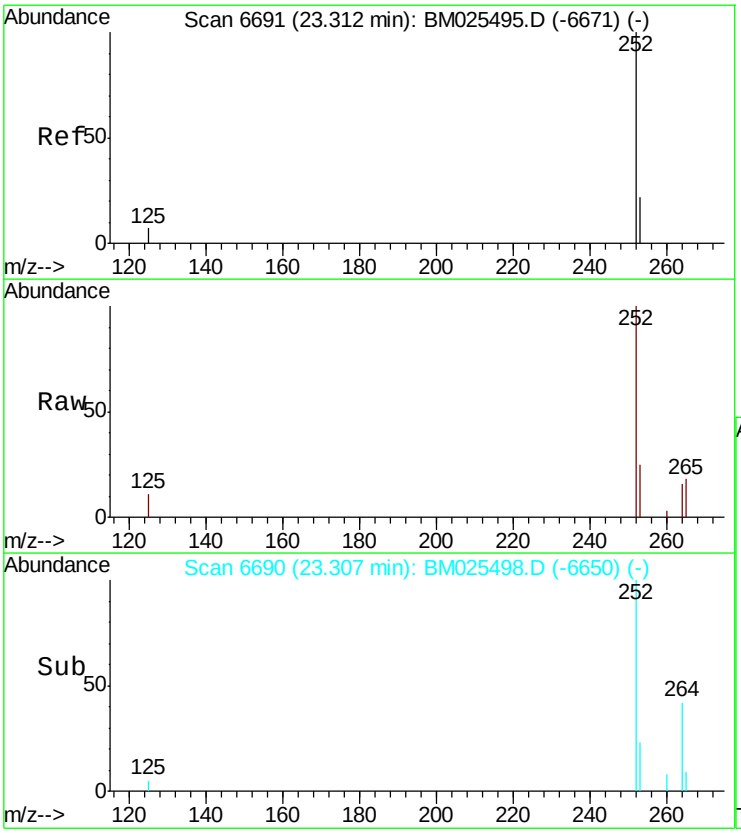
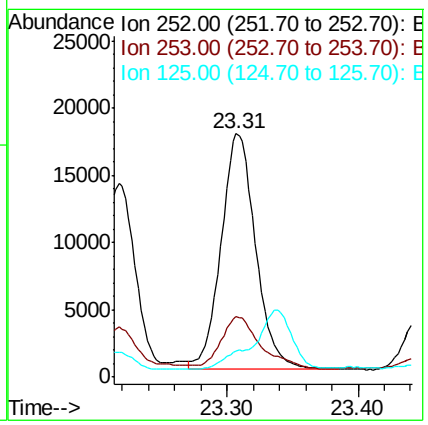


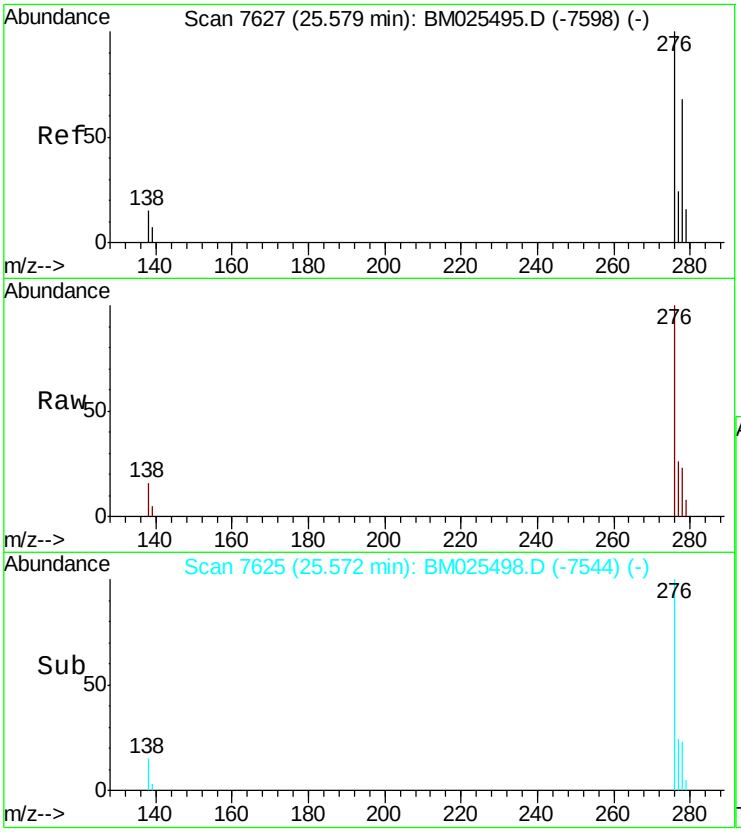


#23
Benzo(a)pyrene
Concen: 0.689 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:252 Resp: 32454

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.3	31.9
125	10.6	8.5	12.7





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:276 Resp: 20616

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0CC9

Manual Integrations APPROVED
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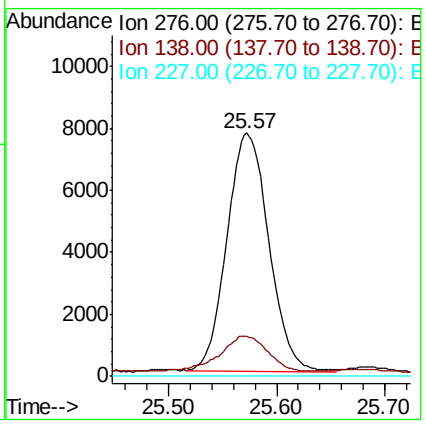
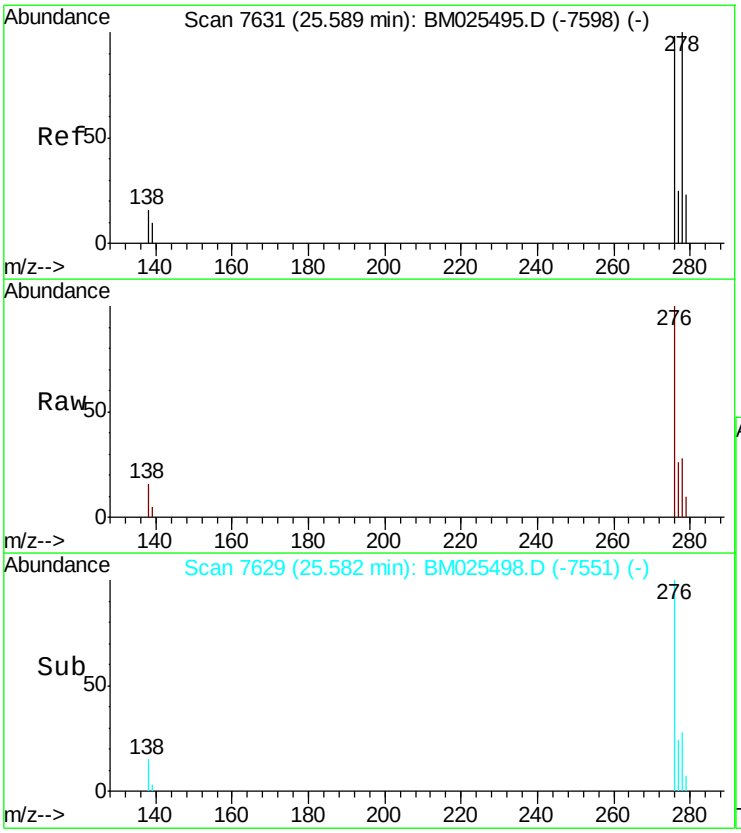
3/13/2020 8:49:11 AM

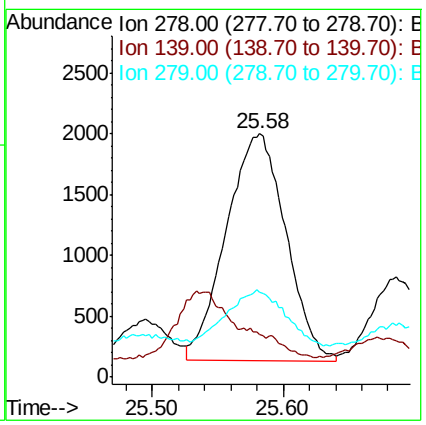


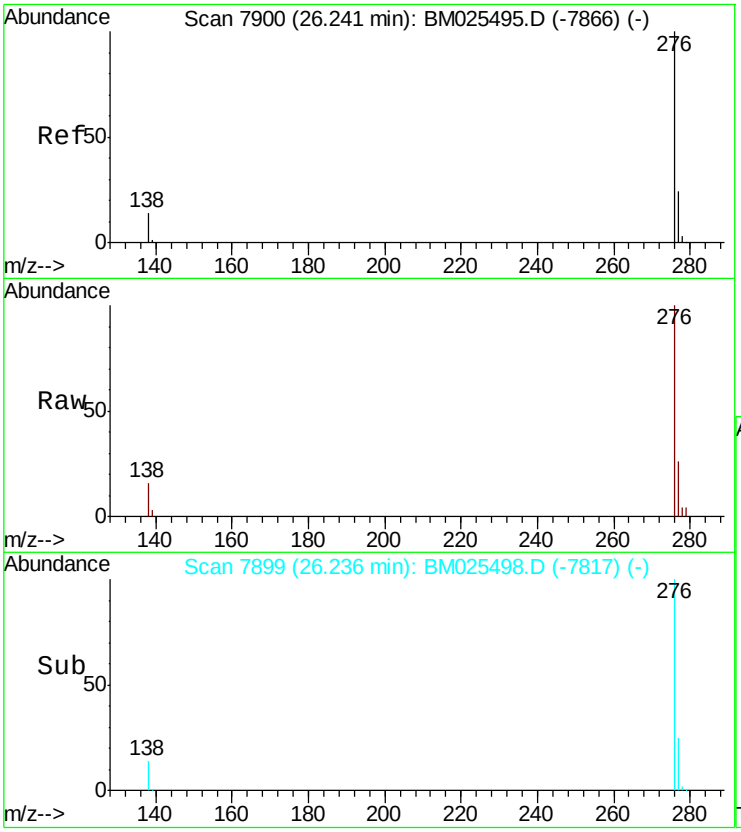


#25
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:278 Resp: 5877

Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.0	13.6#
279	34.7	21.1	31.7#

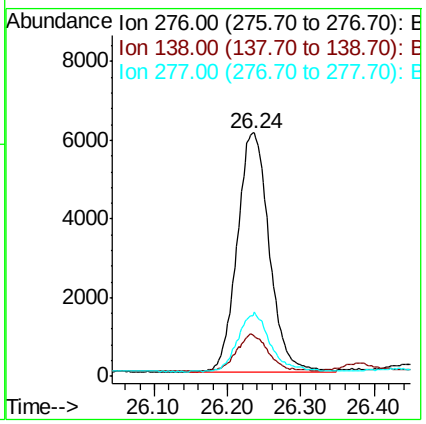




#26
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025498.D
Acq: 11 Mar 2020 19:18

Tgt Ion:276 Resp: 18554

Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.0	16.4
277	26.3	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0CC9

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:11 AM