Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025427.D
Acq On : 09 Mar 2020 23:04
Operator : CG/JU
Sample : L1616-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDQ4DL

Manual Integrations APPROVED
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3/10/2020 7:59:25 AM

Quant Time: Mar 10 00:31:55 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	7.67	152	3747	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15844	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10592	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20917	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16268	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16959	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1202	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2281	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1489	0.032	ng/ul#	89
7) Acenaphthylene	14.01	152	4958	0.115	ng/ul	98
8) Acenaphthene	14.35	153	1288	0.034	ng/ul	93
9) Fluorene	15.34	166	1334	0.029	ng/ul#	98
12) Phenanthrene	17.07	178	9011	0.136	ng/ul	98
13) Anthracene	17.16	178	22731	0.394	ng/ul	100
15) Fluoranthene	19.09	202	123676	1.721	ng/ul	99
17) Pyrene	19.45	202	143841	1.970	ng/ul	100
18) Benzo(a)anthracene	21.20	228	56171	0.966	ng/ul	97
19) Chrysene	21.26	228	89296	1.367	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	184648m	2.750	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	55085m	0.783	ng/ul	
23) Benzo(a)pyrene	23.31	252	48762	0.874	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.58	276	66890	0.884	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.59	278	15938	0.250	ng/ul	97
26) Benzo(g,h,i)perylene	26.24	276	38464	0.586	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025427.D
Acq On : 09 Mar 2020 23:04
Operator : CG/JU
Sample : L1616-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

Manual Integrations APPROVED
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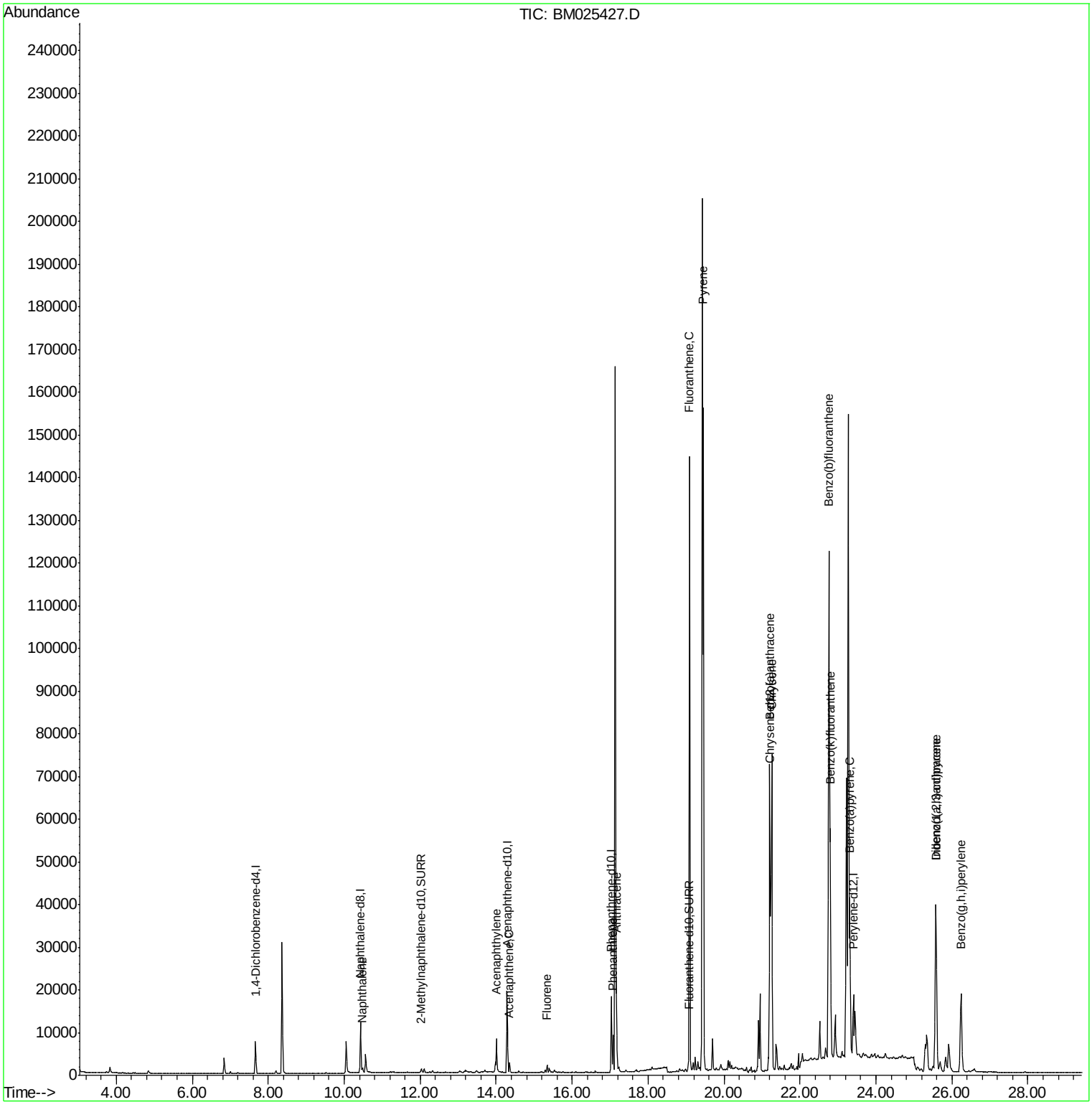
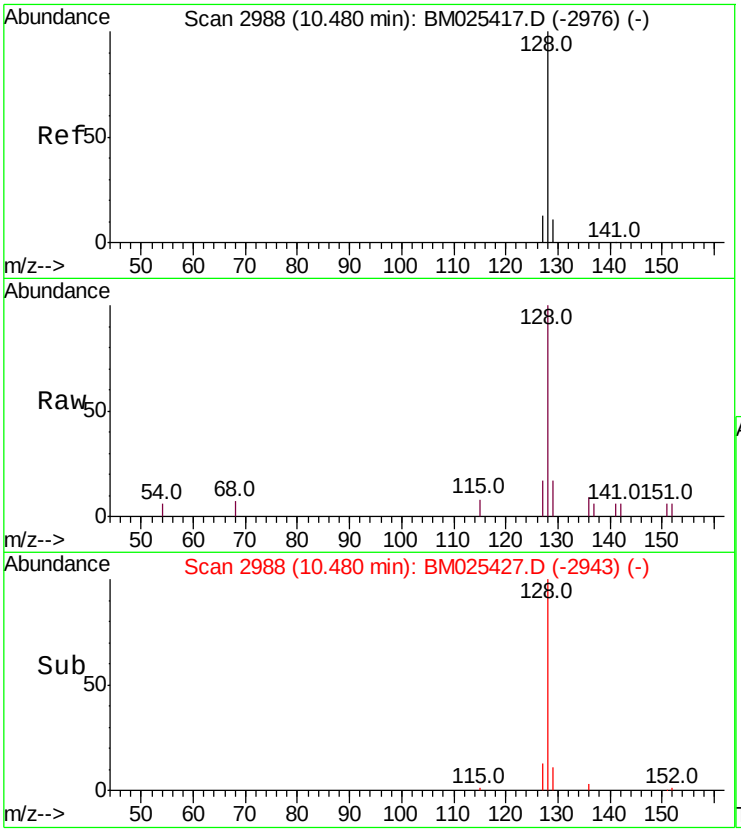
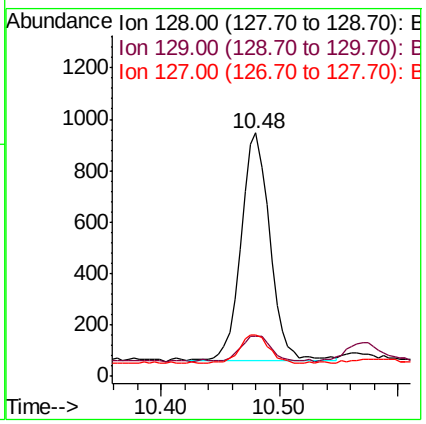




#3
Naphthalene
Concen: 0.032 ng/ul
RT: 10.48 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:128 Resp: 1489

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.4	14.0#
127	17.2	10.9	16.3#



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

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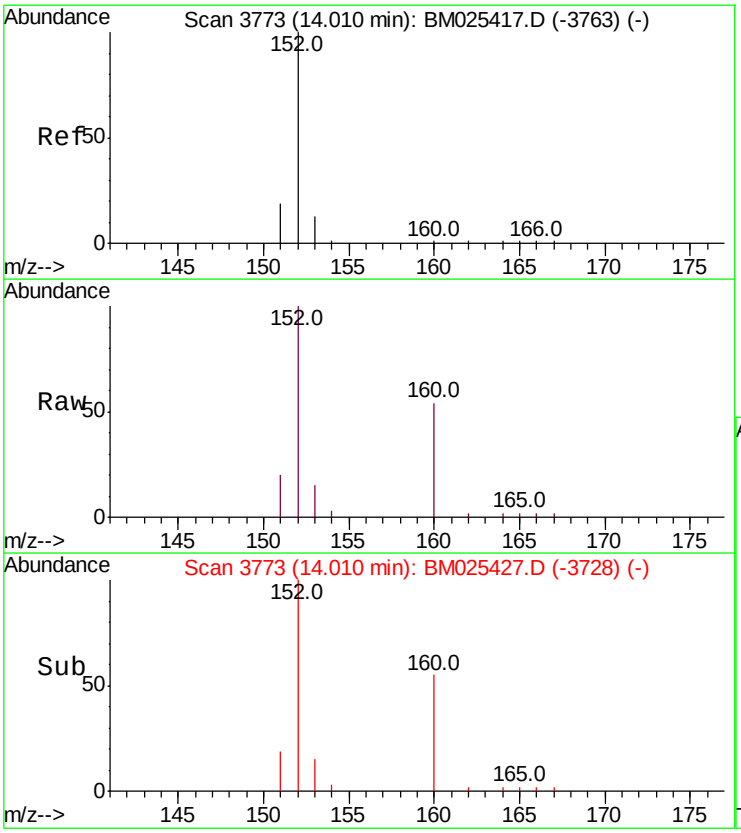
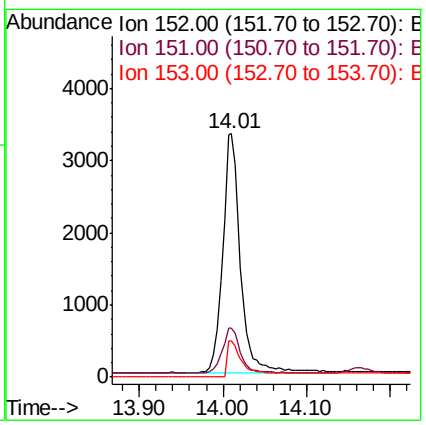
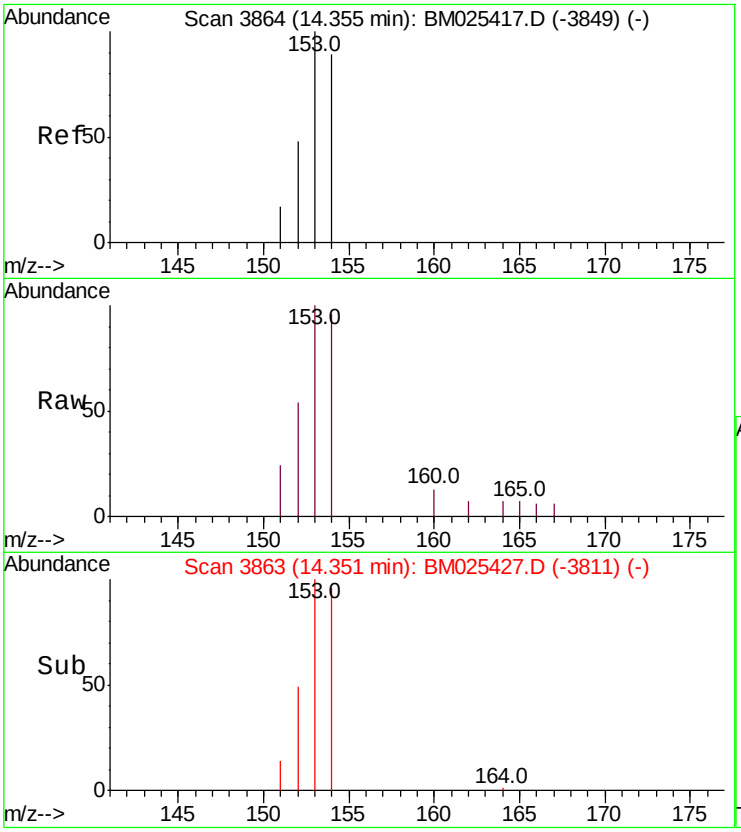


#7
Acenaphthylene
Concen: 0.115 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. 0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:152 Resp: 4958

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	14.8	10.6	16.0





#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:153 Resp: 1288

Ion	Ratio	Lower	Upper
153	100		
152	54.4	39.5	59.3
154	95.5	71.7	107.5

Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

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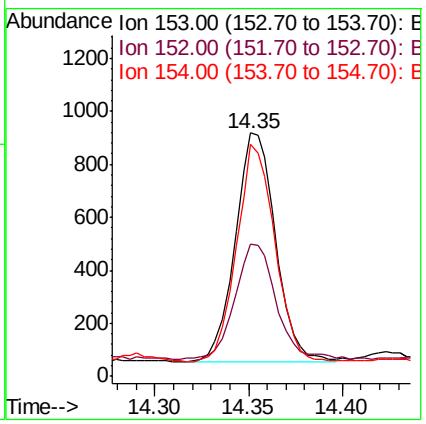
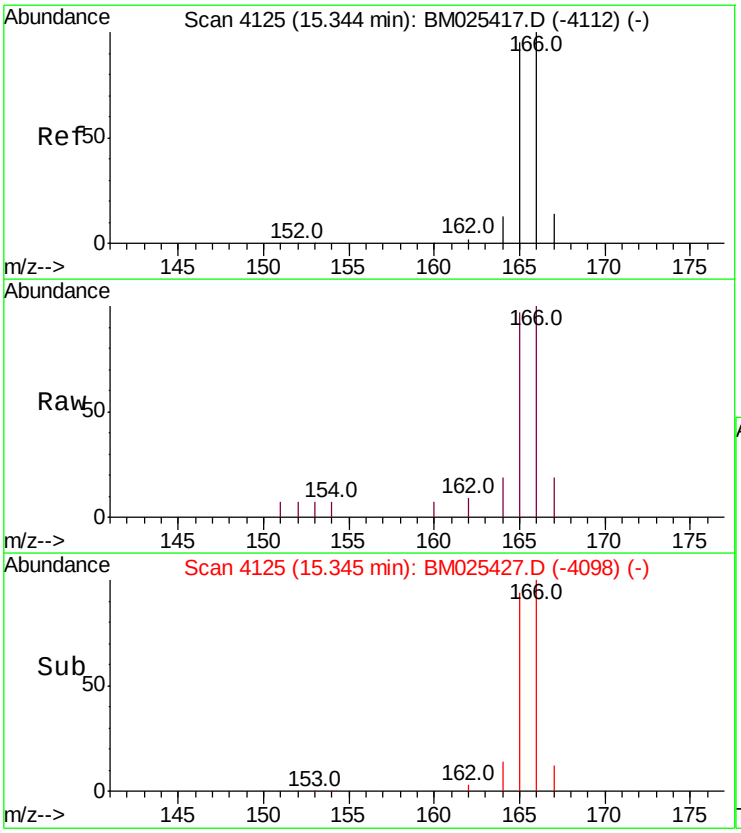
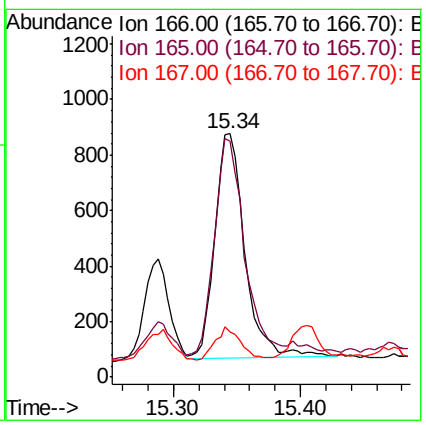


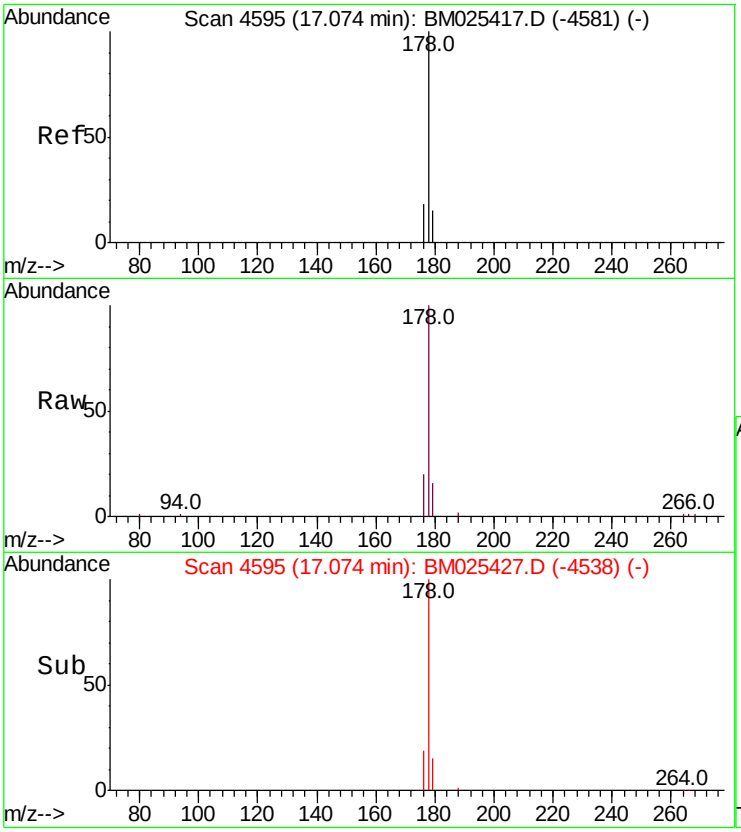


#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. 0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:166 Resp: 1334

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.8	115.2
167	18.7	11.2	16.8#

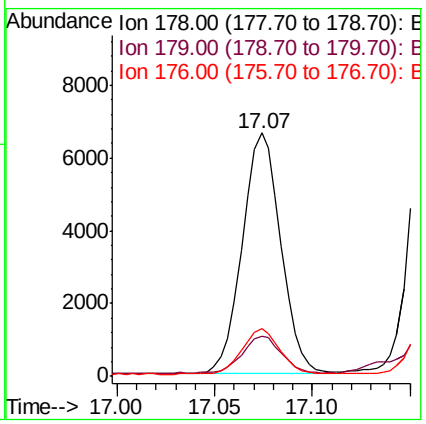




#12
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:178 Resp: 9011

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.7	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

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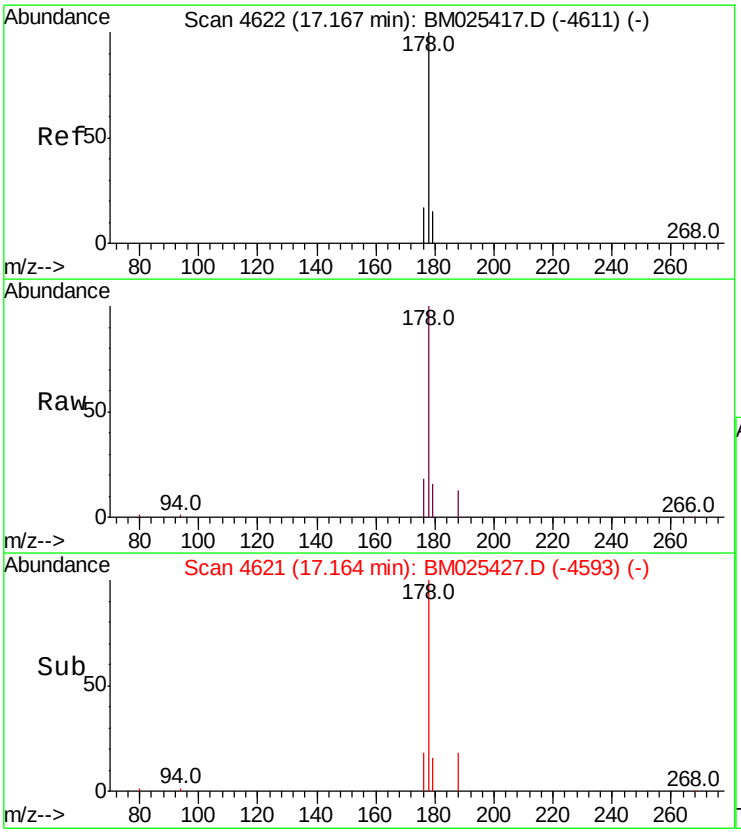
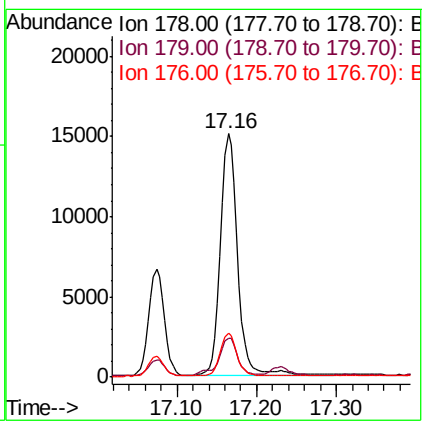
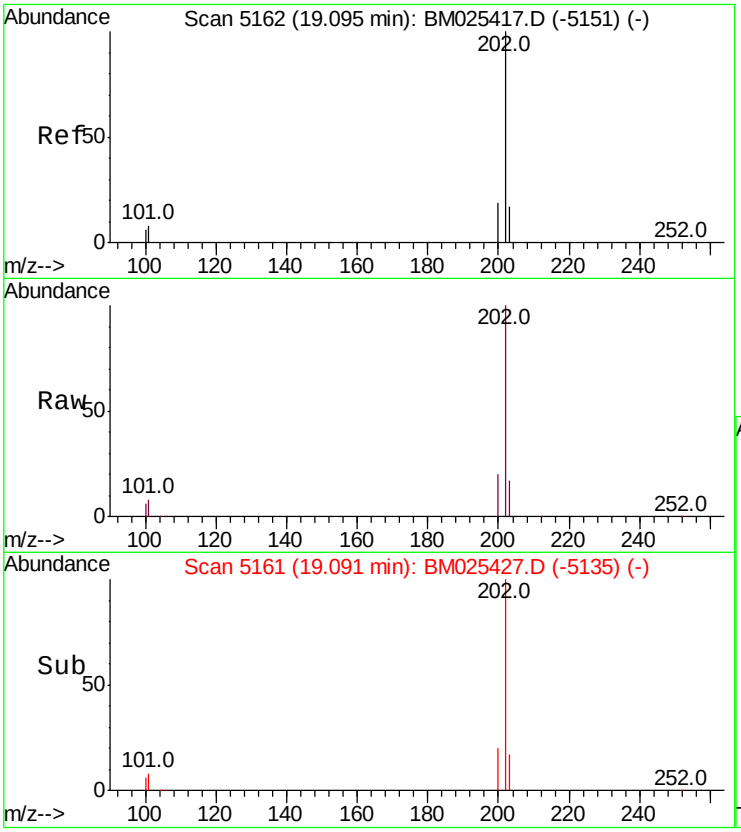


#13
Anthracene
Concen: 0.394 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:178 Resp: 22731

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.1	14.5	21.7

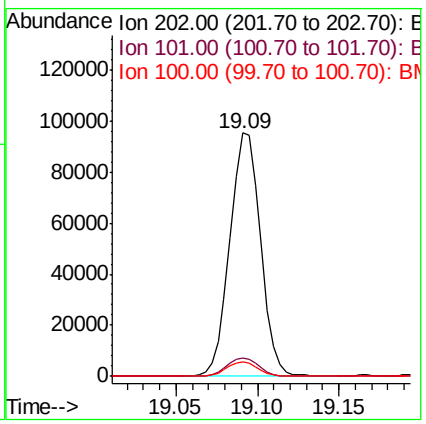




#15
Fluoranthene
Concen: 1.721 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:202 Resp: 123676

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.5
100	6.1	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

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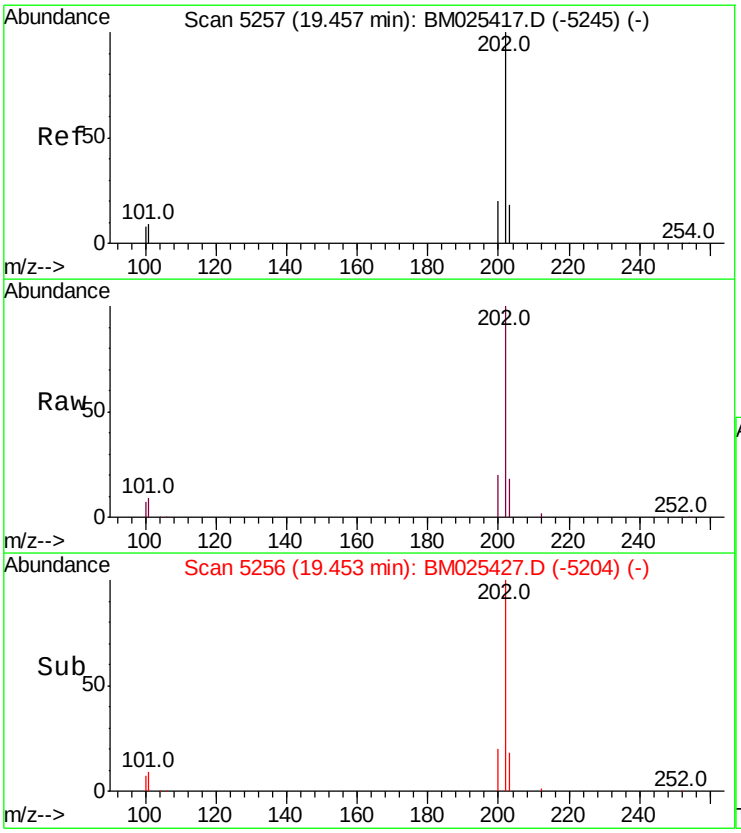
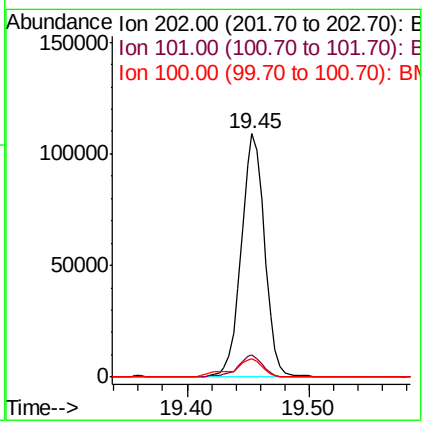
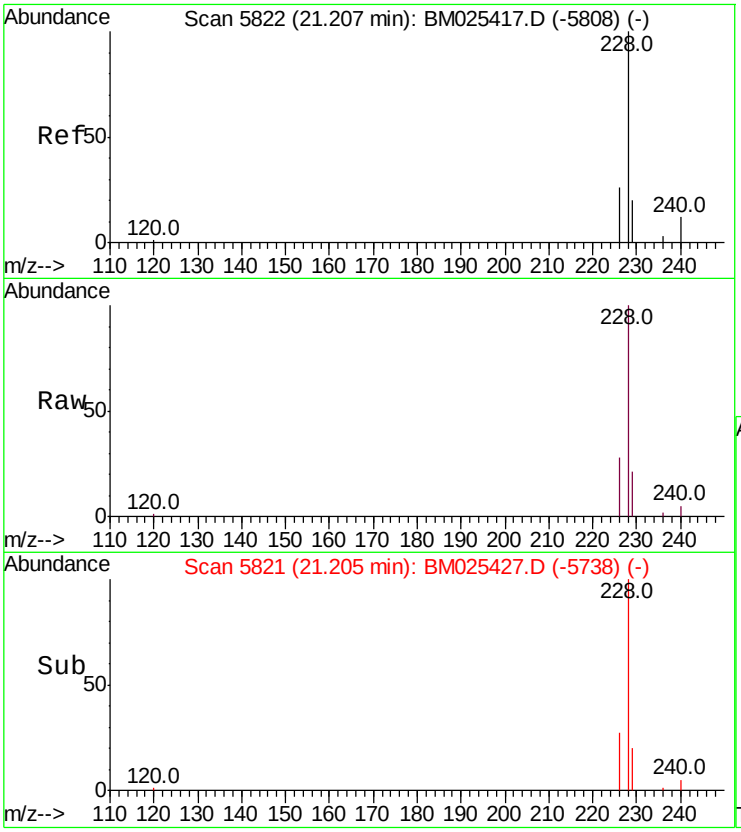


#17
Pyrene
Concen: 1.970 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:202 Resp: 143841

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.1	10.7
100	7.4	6.0	9.0

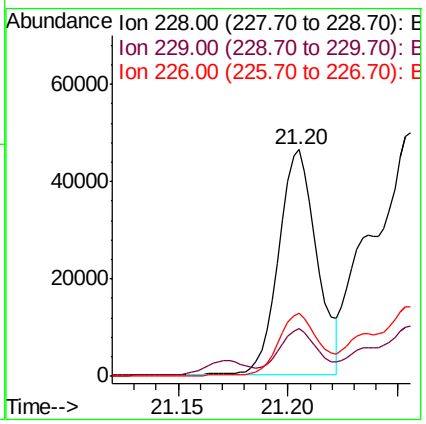




#18
Benzo(a)anthracene
Concen: 0.966 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:228 Resp: 56171

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

Manual Integrations APPROVED
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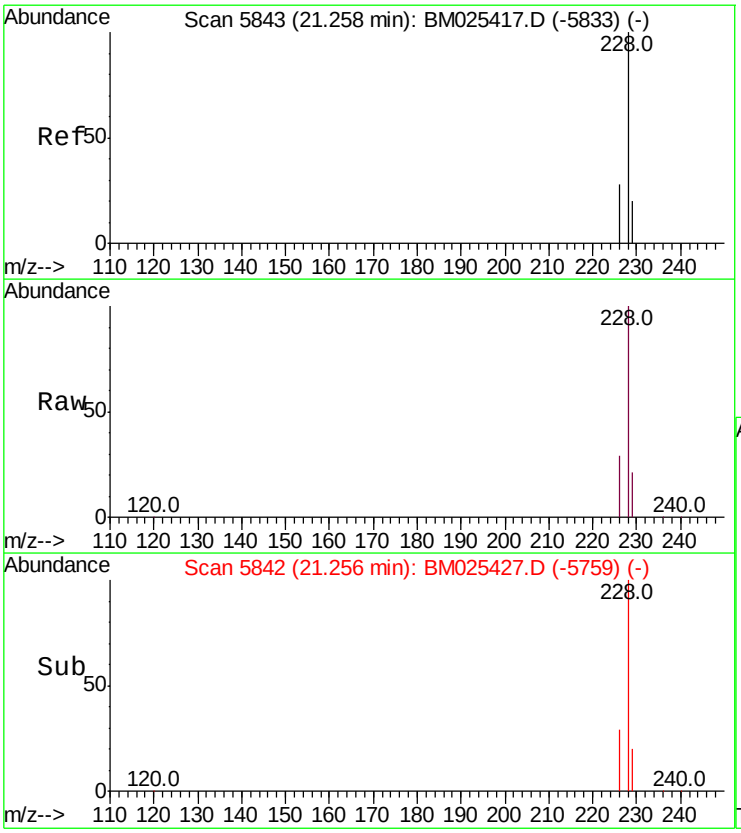
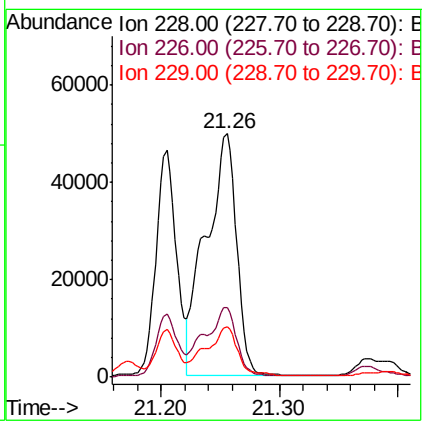
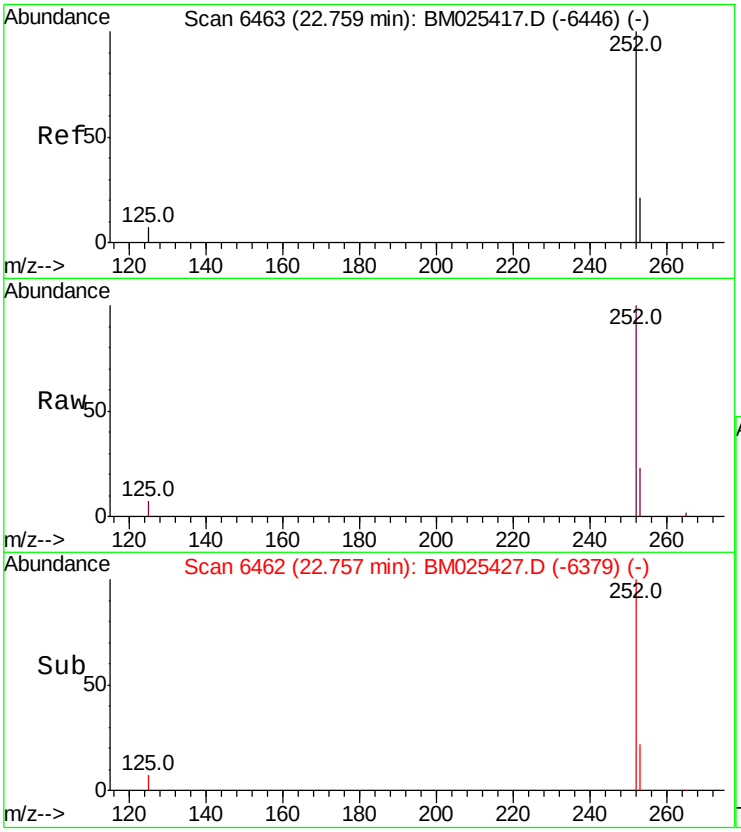


#19
Chrysene
Concen: 1.367 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:228 Resp: 89296

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	20.6	16.3	24.5

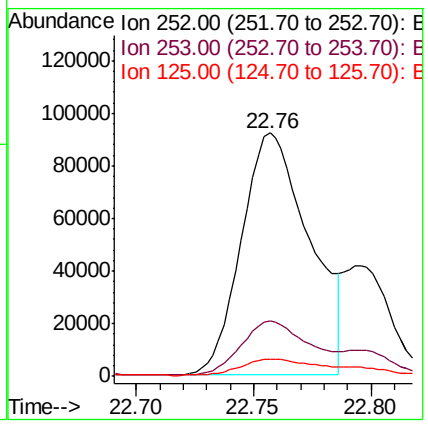




#21
Benzo(b)fluoranthene
Concen: 2.750 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:252 Resp: 184648

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	50.2
125	7.2	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

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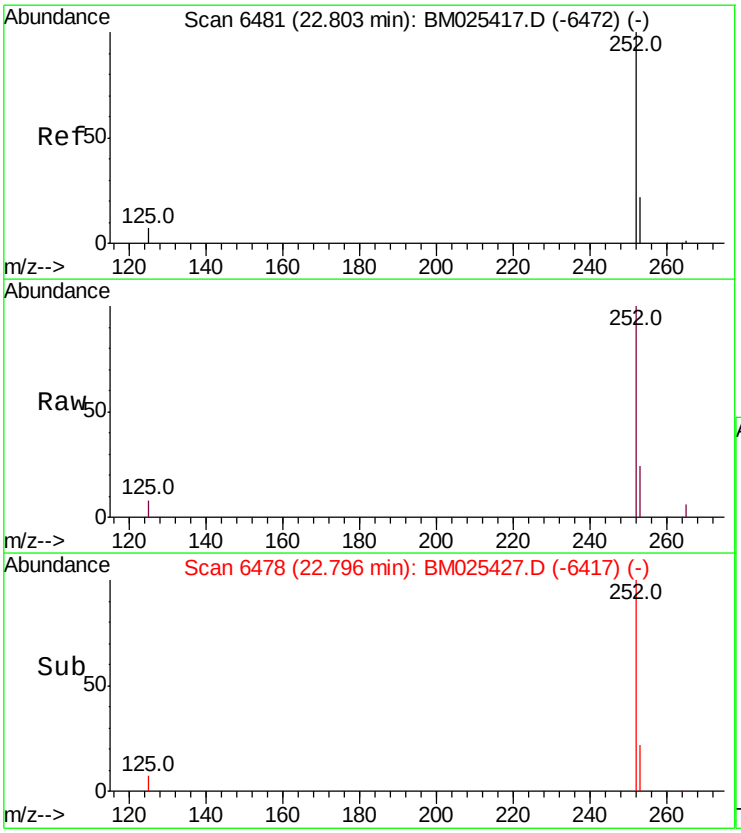
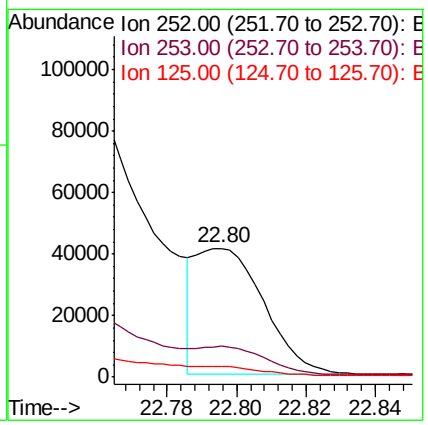
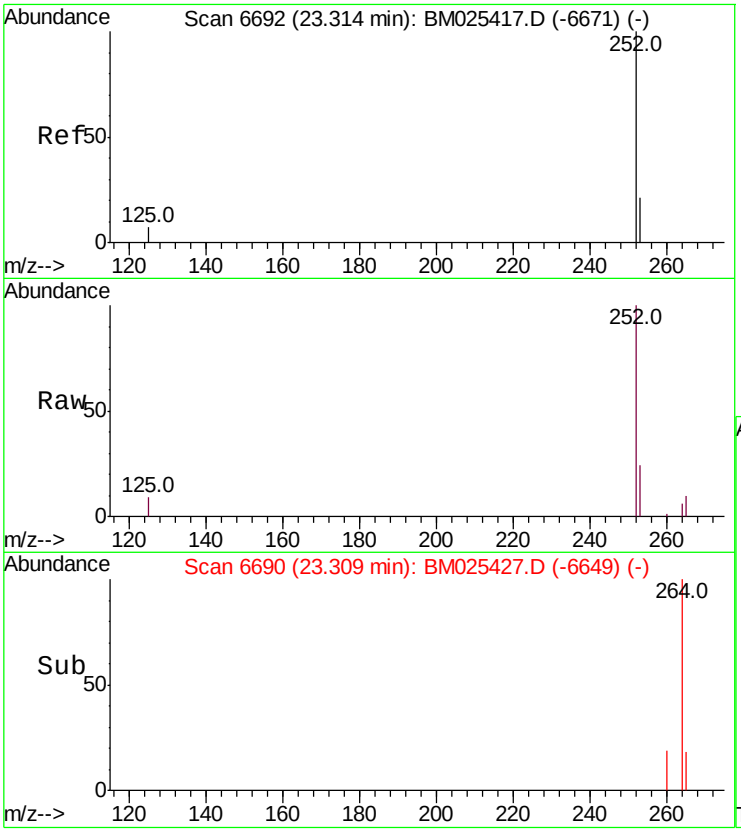


#22
Benzo(k)fluoranthene
Concen: 0.783 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:252 Resp: 55085

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.8
125	8.2	7.1	10.7

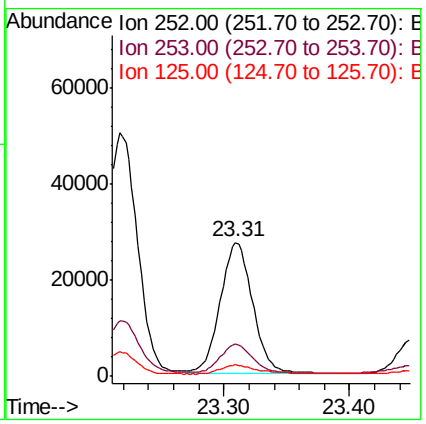




#23
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:252 Resp: 48762

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	8.6	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

Manual Integrations APPROVED
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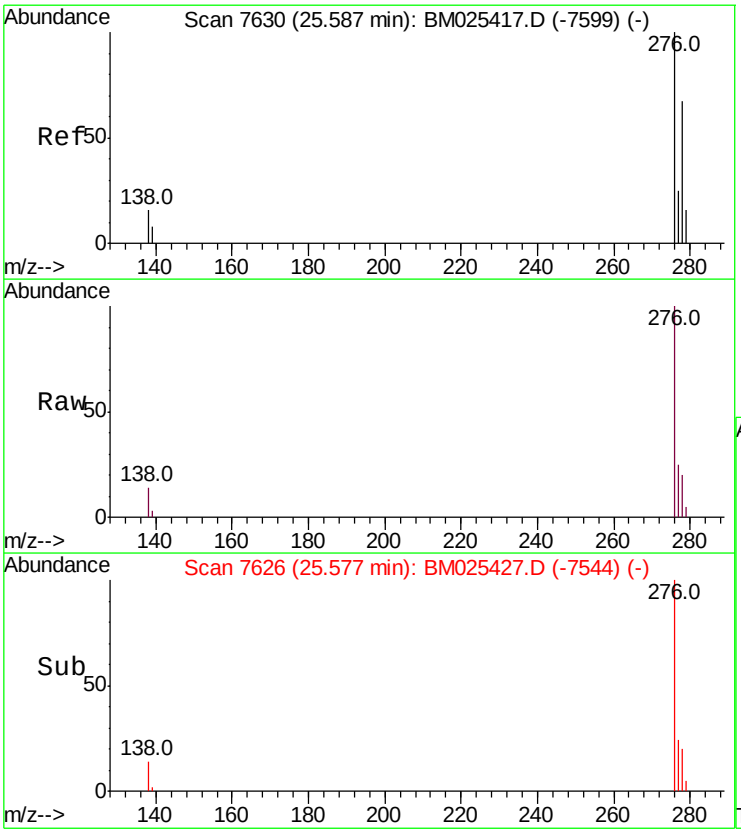
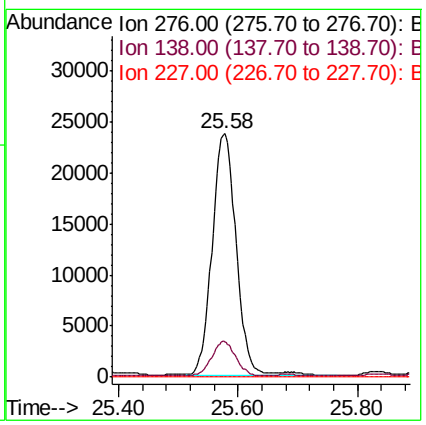
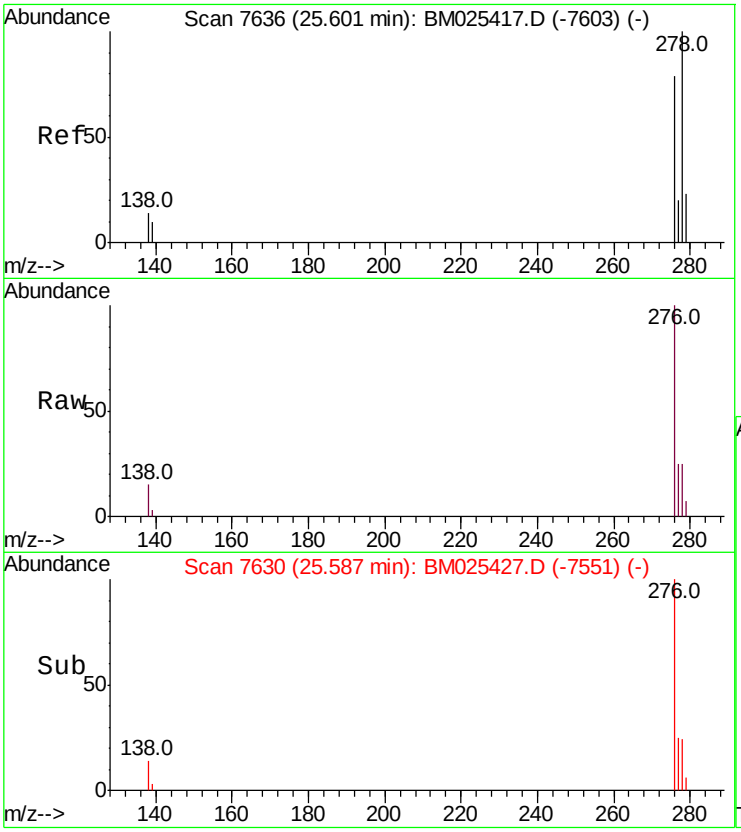


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.884 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:276 Resp: 66890

Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.3	18.5
227	0.0	0.0	0.0

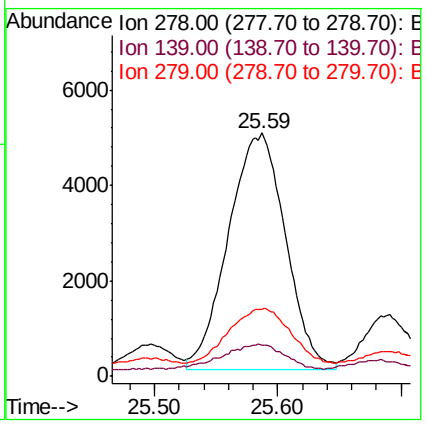




#25
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 25.59 min Scan# 7630
Delta R.T. -0.01 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:278 Resp: 15938

Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.0	13.6
279	27.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
DBDQ4DL

Manual Integrations APPROVED
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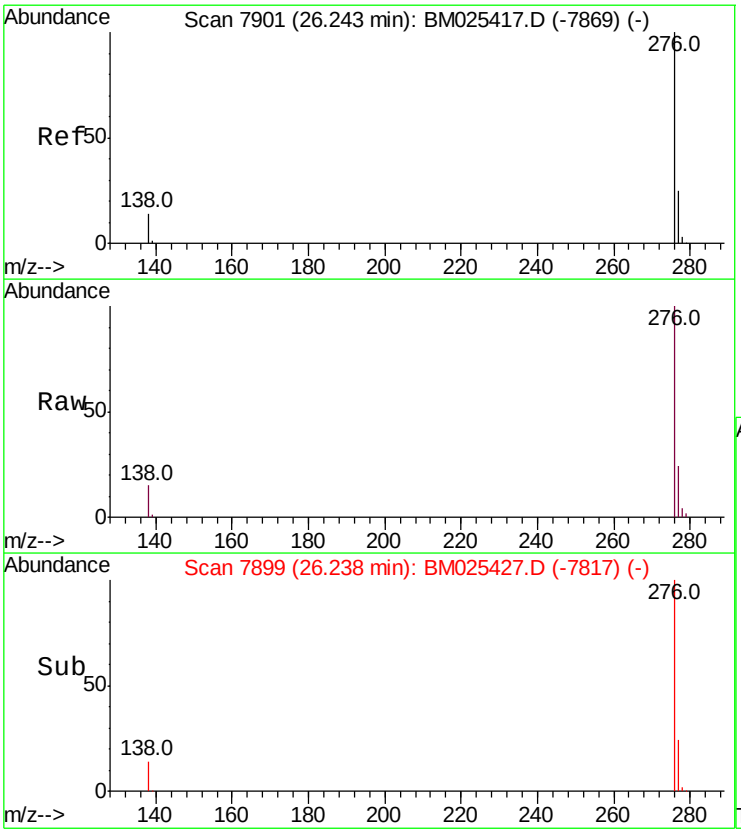

#26
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025427.D
Acq: 09 Mar 2020 23:04

Tgt Ion:276 Resp: 38464

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.0	16.4
277	24.5	19.8	29.6