Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026995.D
Acq On : 04 Aug 2020 09:07
Operator : JU/CG
Sample : L3424-11DL 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S86DL

Manual Integrations APPROVED
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Quant Time: Aug 04 13:21:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	94389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	366901	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	218478	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	445985	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	471533	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	475652	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	332	0.16	ng/uL	0.00
5) Phenol-d5	6.83	99	7499	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5717	1.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5748	0.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5909	0.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3120	1.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2581	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	4989	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2257	0.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	17900	1.04	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	21139	0.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1323	0.46	ng/ul	0.00
58) Fluorene-d10	15.29	176	14831	1.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1284	0.65	ng/ul	0.00
71) Anthracene-d10	17.13	188	25386	1.14	ng/ul	0.00
79) Pyrene-d10	19.43	212	29571	1.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	33164	1.24	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	20823	1.016	ng/ul	97
48) Acenaphthylene	14.01	152	131999	5.959	ng/ul	99
54) Dibenzofuran	14.69	168	30398	1.437	ng/ul	98
70) Phenanthrene	17.07	178	102299	3.779	ng/ul	98
72) Anthracene	17.16	178	242646	8.720	ng/ul	97
75) Carbazole	17.43	167	32728	1.331	ng/ul	99
77) Fluoranthene	19.10	202	916518	28.673	ng/ul	97
80) Pyrene	19.46	202	1057045	30.812	ng/ul	99
83) Benzo(a)anthracene	21.21	228	596544	18.355	ng/ul	95
85) Chrysene	21.26	228	752600	23.746	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	1425899	41.906	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	372694m	11.415	ng/ul	
91) Benzo(a)pyrene	23.34	252	426372	13.887	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	492580	12.932	ng/ul	96
93) Dibenzo(a,h)anthracene	25.65	278	135367m	4.202	ng/ul	
94) Benzo(g,h,i)perylene	26.31	276	191460	6.079	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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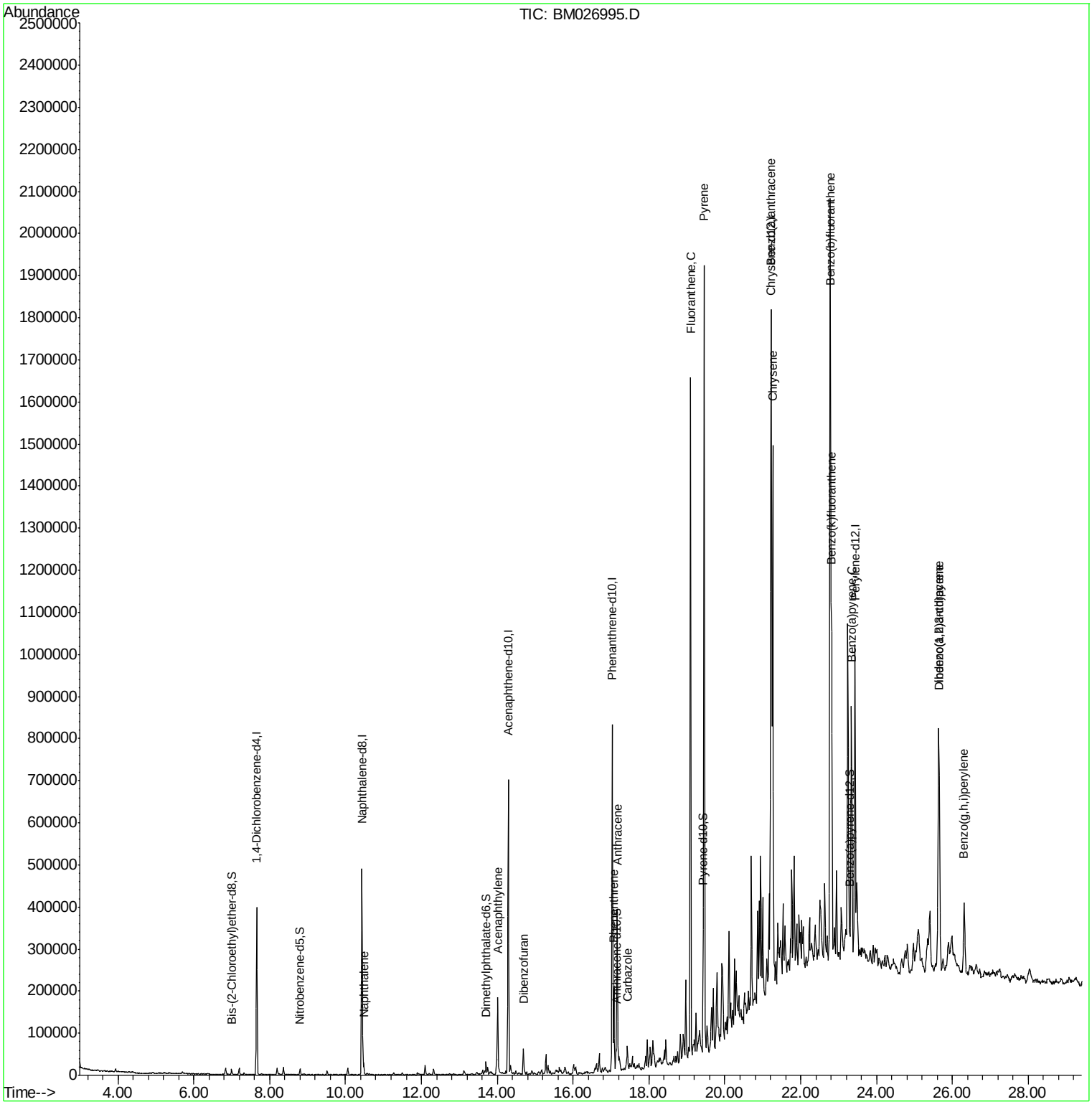
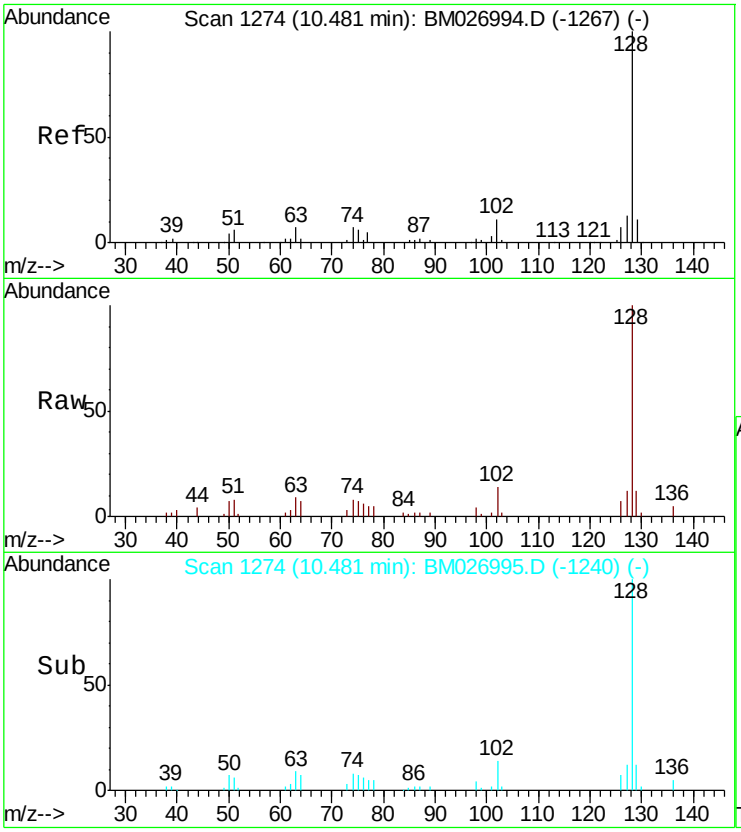
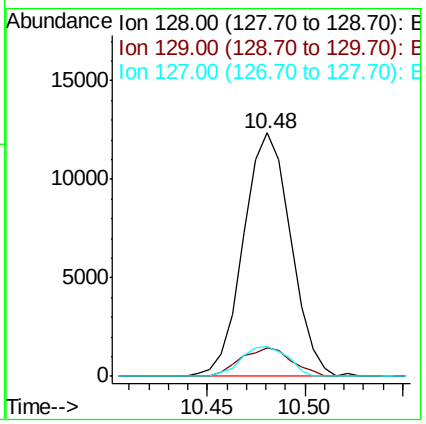




#28
Naphthalene
Concen: 1.016 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:128 Resp: 20823

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.3	12.5
127	12.4	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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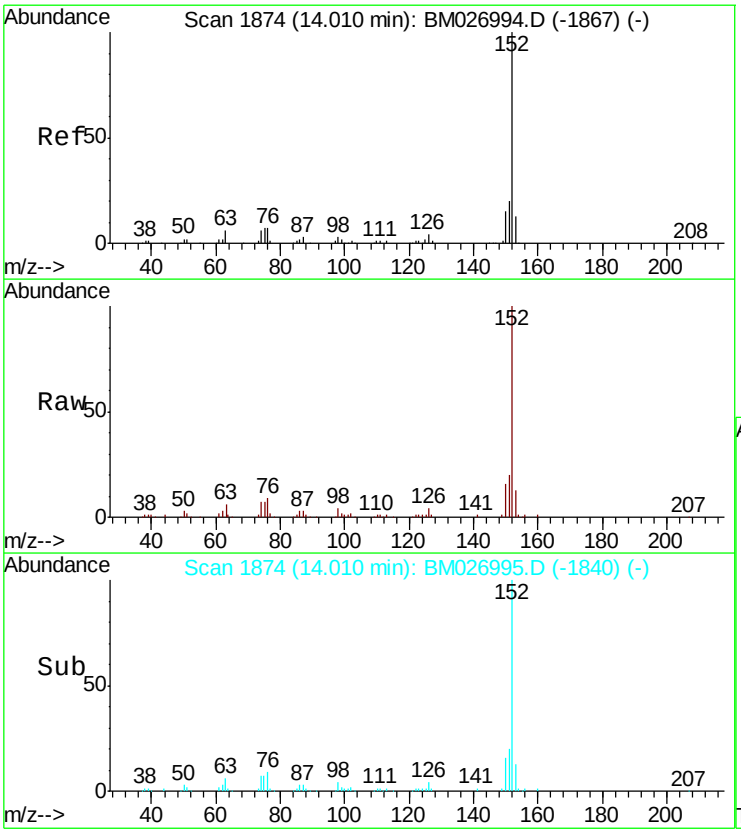
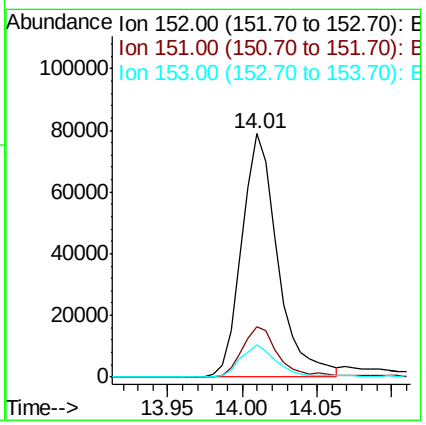
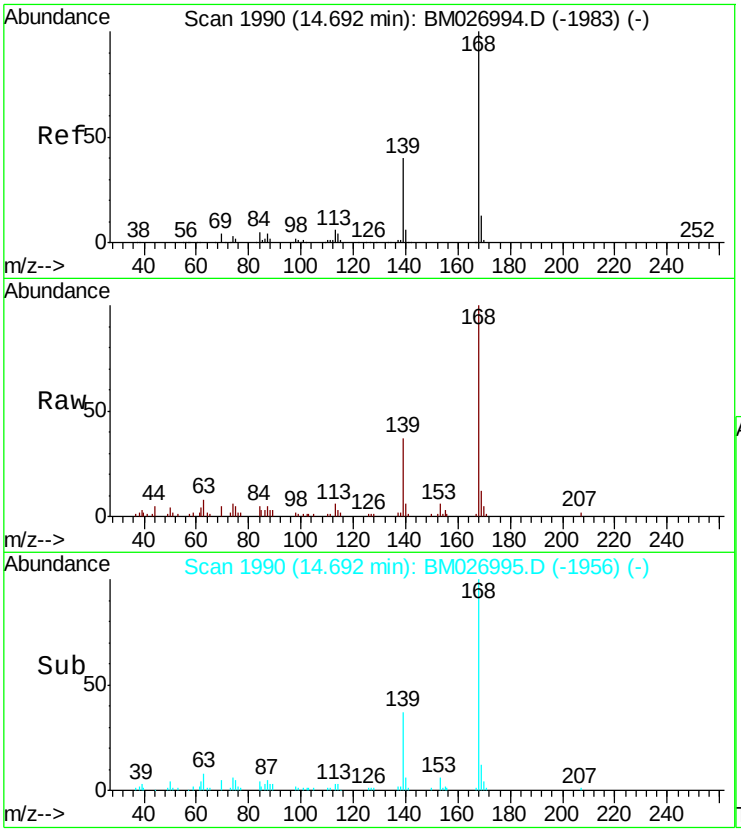


#48
Acenaphthylene
Concen: 5.959 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:152 Resp: 131999

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	13.2	10.7	16.1





#54
Dibenzofuran
Concen: 1.437 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:168 Resp: 30398

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.8	46.2

Instrument :
BNA_M
ClientSampleId :
C0S86DL

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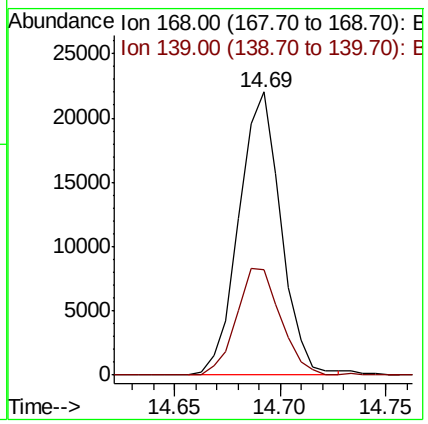
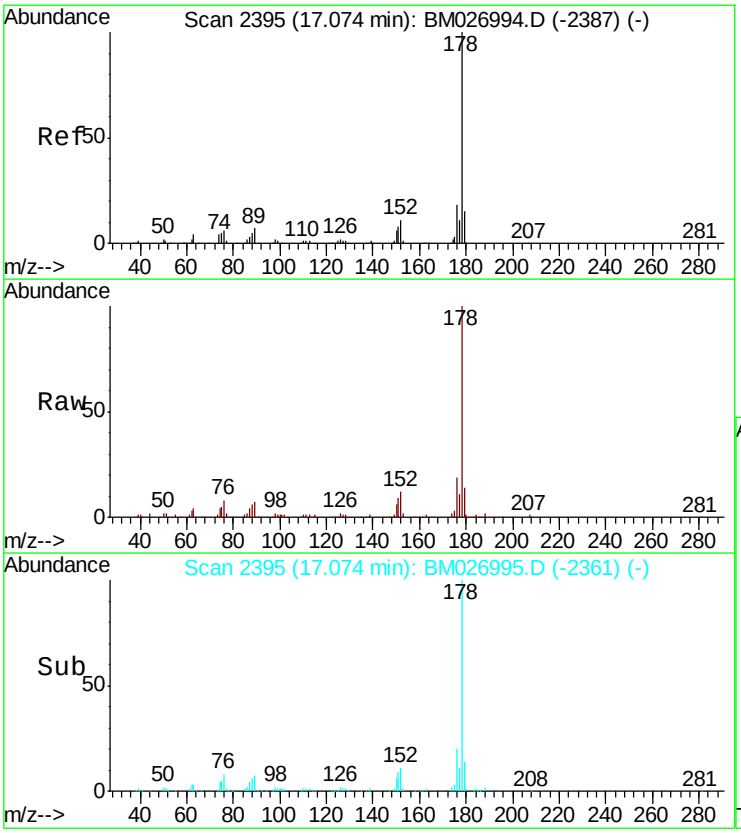
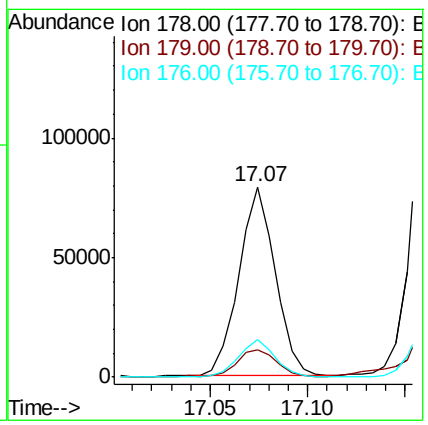


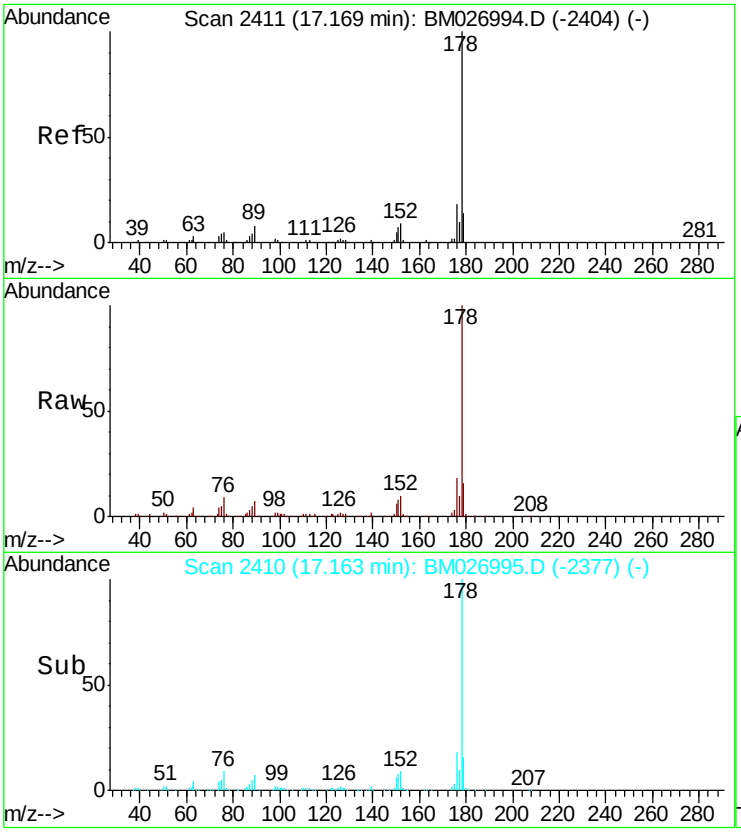


#70
Phenanthrene
Concen: 3.779 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:178 Resp: 102299

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.0	18.0
176	19.5	14.7	22.1

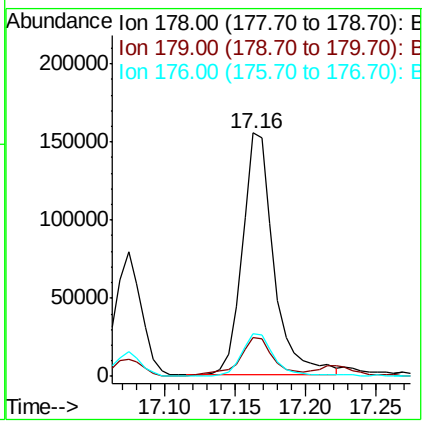




#72
Anthracene
Concen: 8.720 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:178 Resp: 242646

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	17.6	15.0	22.6



Instrument :
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ClientSampleId :
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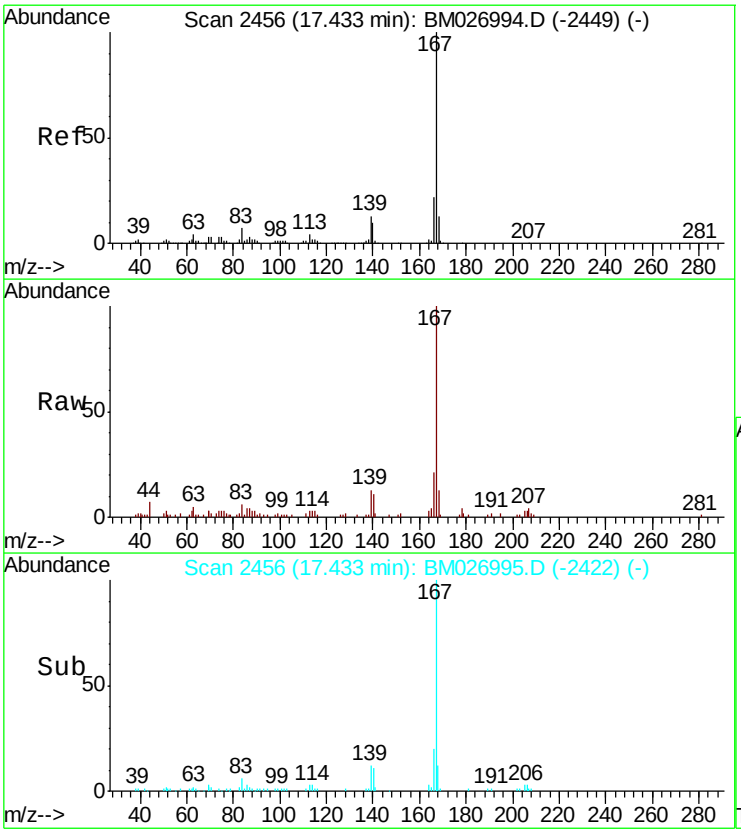
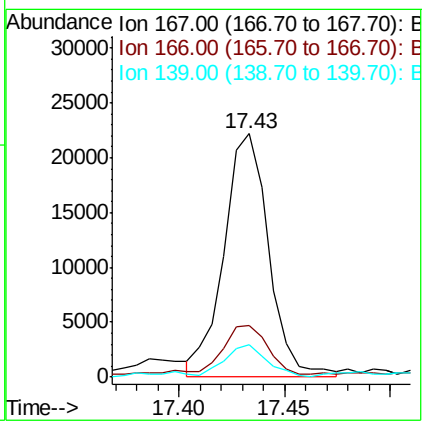
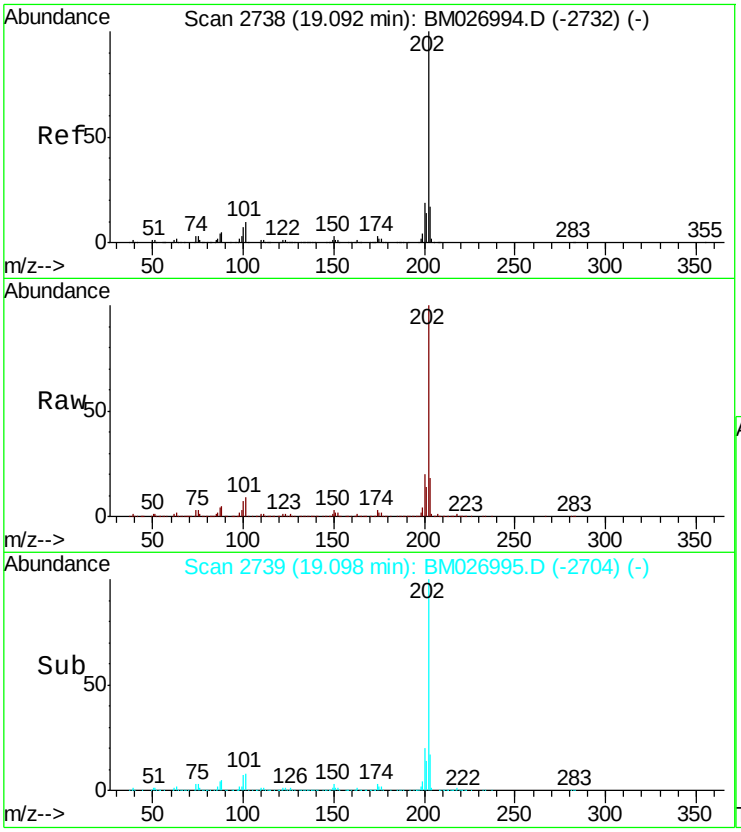


#75
Carbazole
Concen: 1.331 ng/ul
RT: 17.43 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:167 Resp: 32728

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.5	10.1	15.1

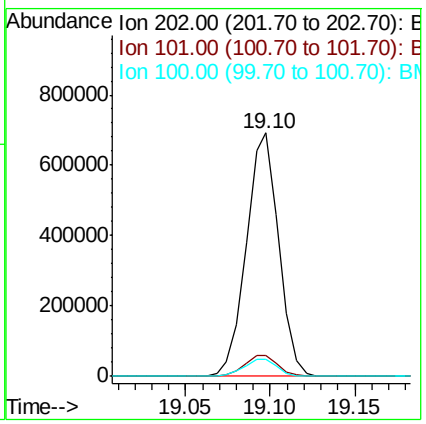




#77
Fluoranthene
Concen: 28.673 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:202 Resp: 916518

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.7	11.5
100	6.8	6.2	9.4



Instrument :
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ClientSampleId :
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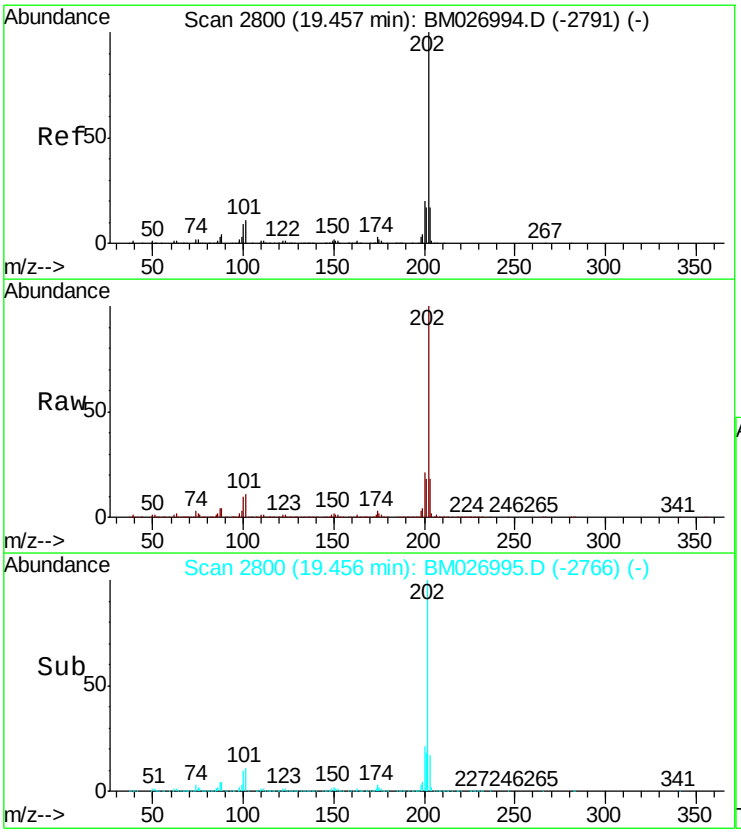
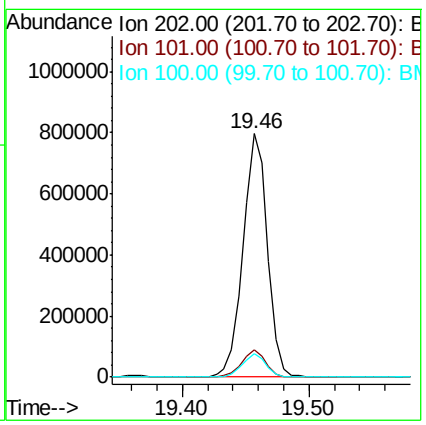
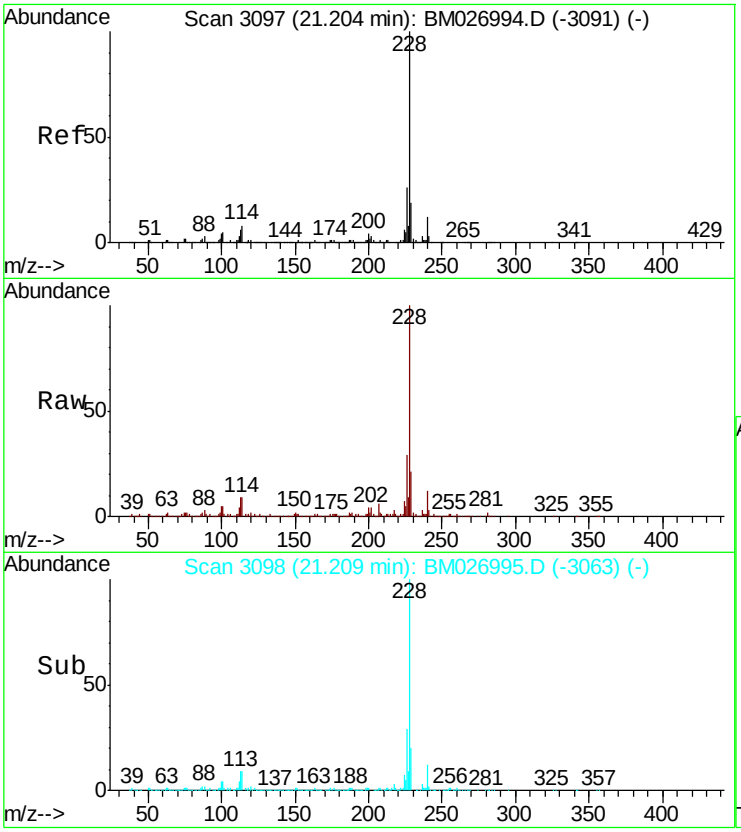


#80
Pyrene
Concen: 30.812 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:202 Resp: 1057045

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.4	14.2
100	9.9	8.2	12.4

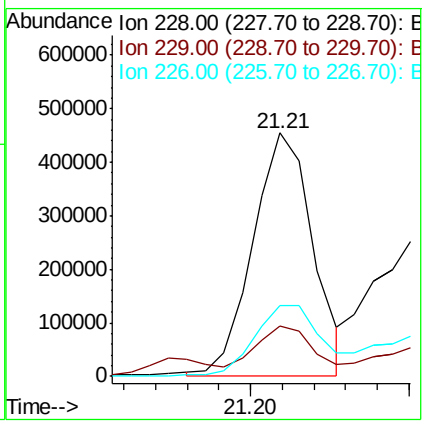




#83
Benzo(a)anthracene
Concen: 18.355 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:228 Resp: 596544

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	29.1	20.9	31.3



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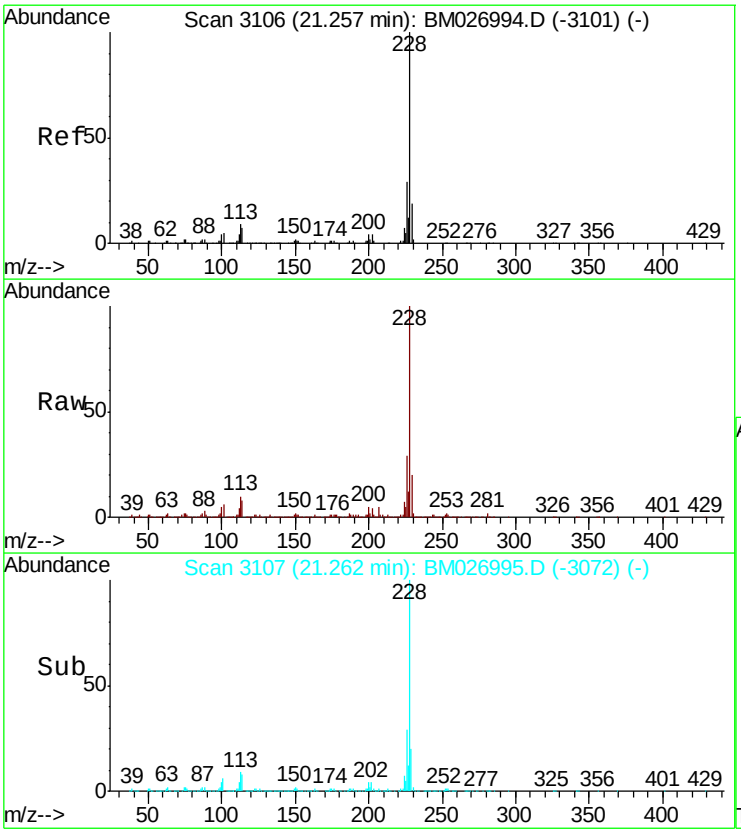
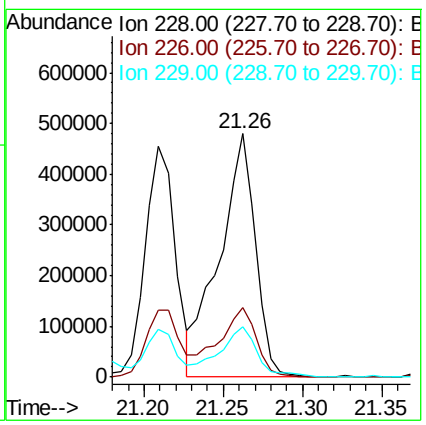
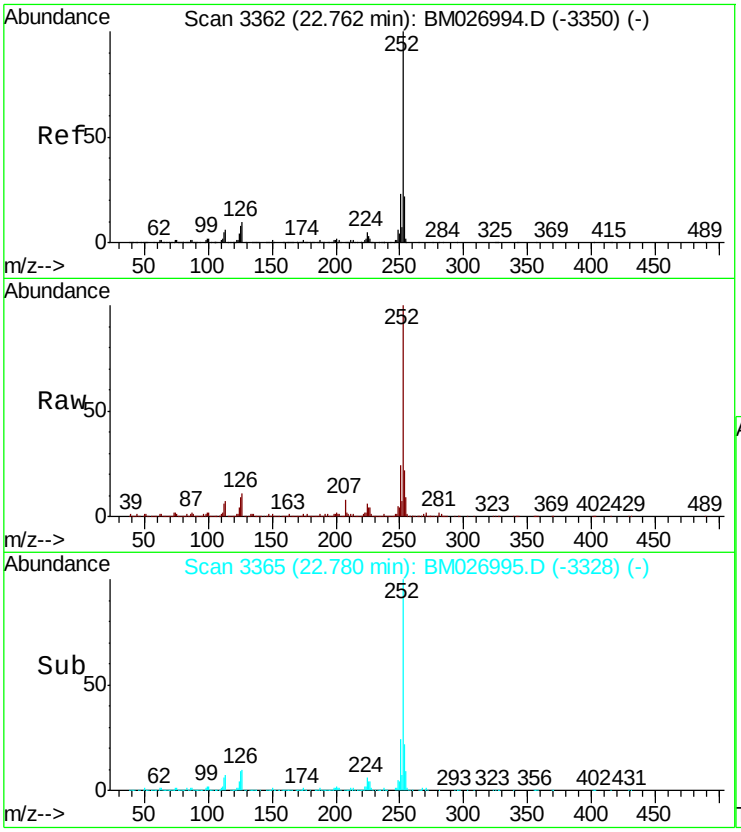


#85
Chrysene
Concen: 23.746 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:228 Resp: 752600

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	20.5	15.5	23.3

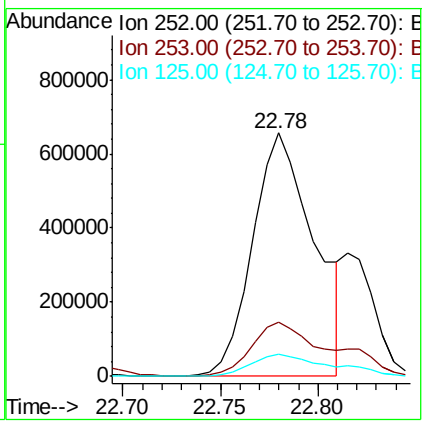




#88
Benzo(b)fluoranthene
Concen: 41.906 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:252 Resp: 1425899

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.1	6.6	10.0



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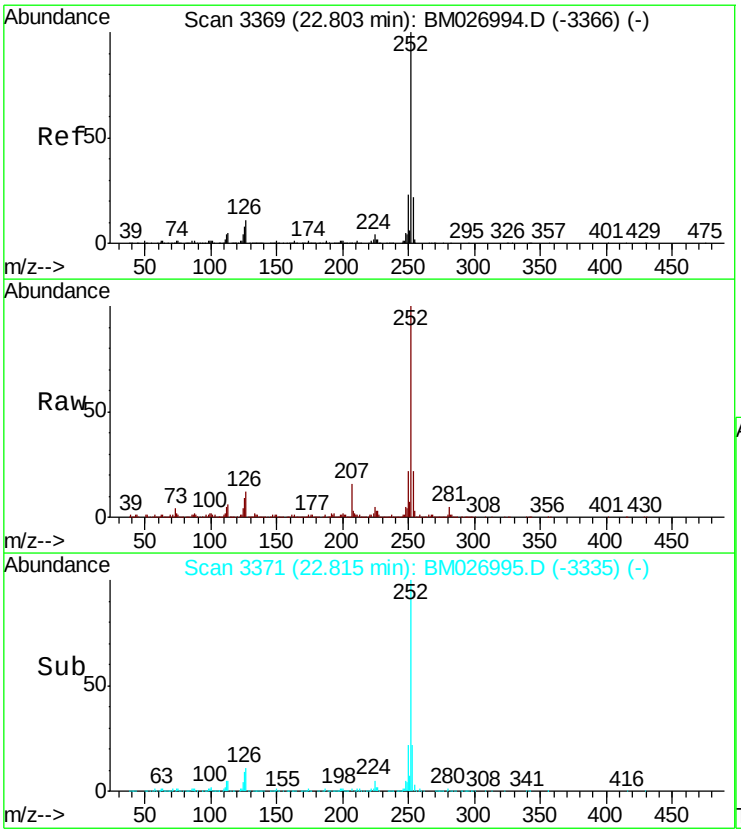
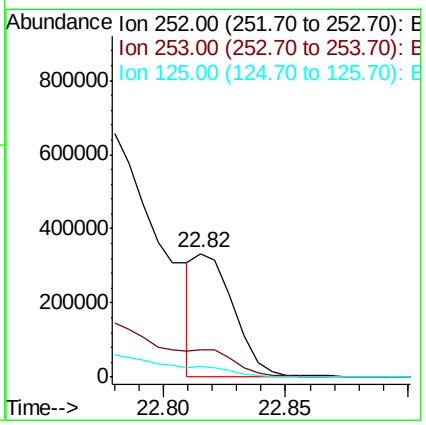
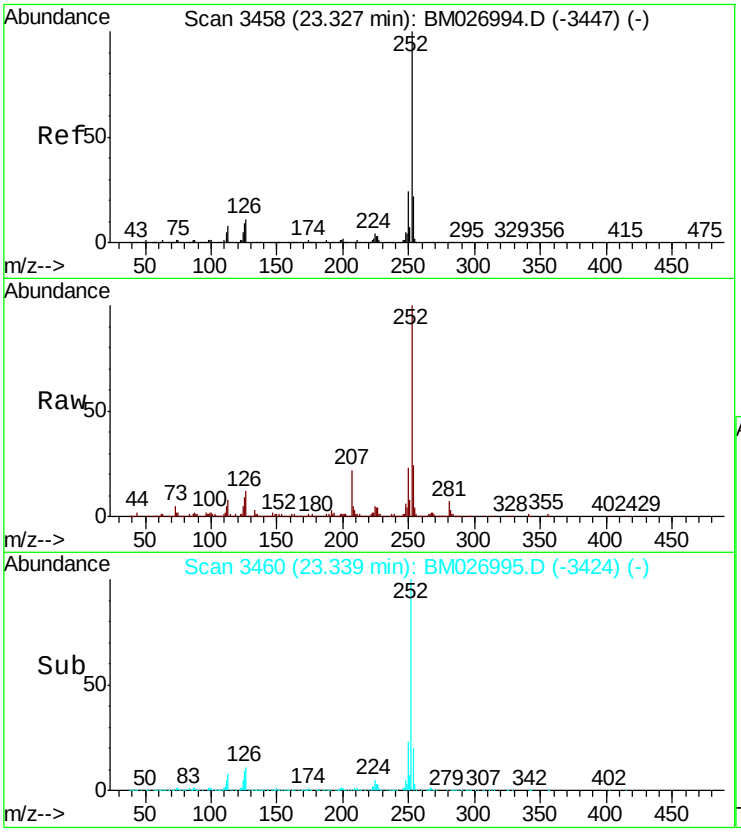


#89
Benzo(k)fluoranthene
Concen: 11.415 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:252 Resp: 372694

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.7	7.3	10.9

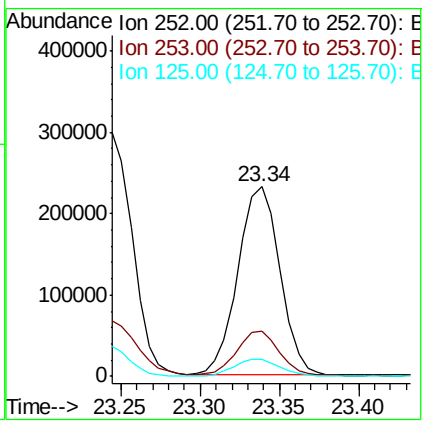




#91
Benzo(a)pyrene
Concen: 13.887 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:252 Resp: 426372

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	9.0	8.2	12.2



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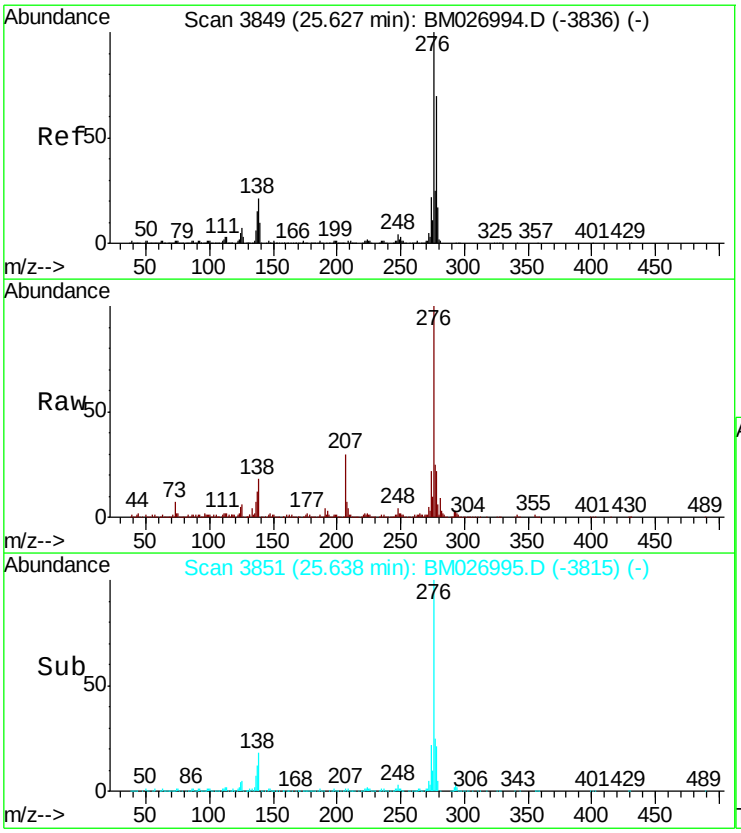
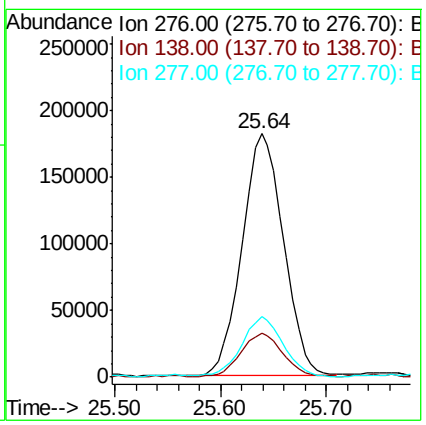
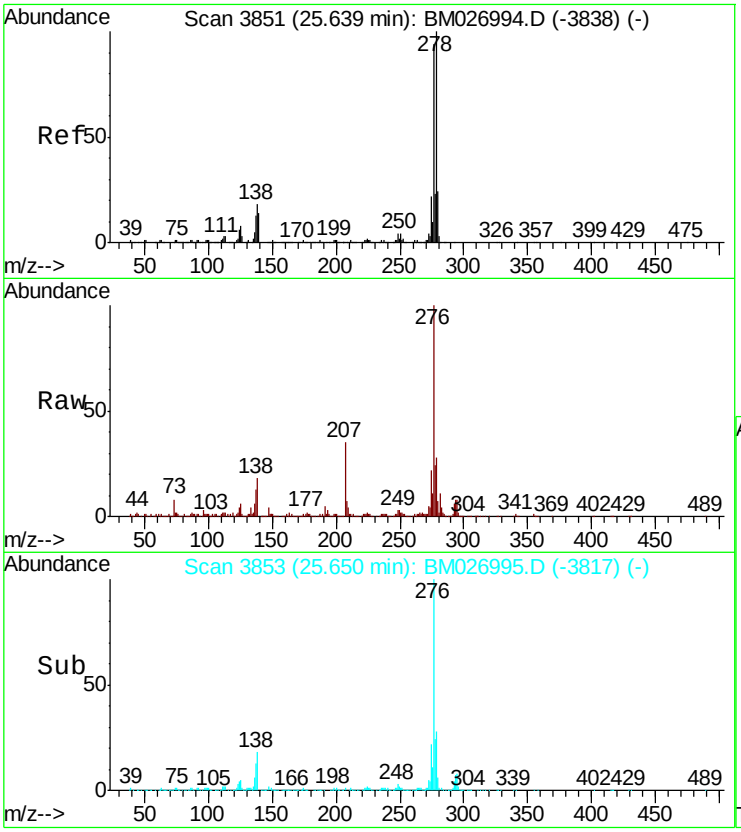


#92
Indeno(1,2,3-cd)pyrene
Concen: 12.932 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:276 Resp: 492580

Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.0	25.4
277	25.0	20.6	30.8





#93
Dibenzo(a,h)anthracene
Concen: 4.202 ng/ul m
RT: 25.65 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:278 Resp: 135367

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	24.0	19.4	29.2

Instrument :
BNA_M
ClientSampleId :
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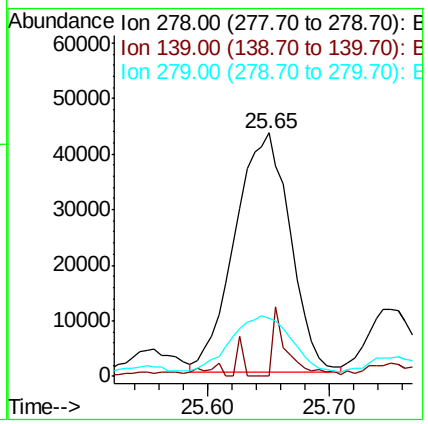

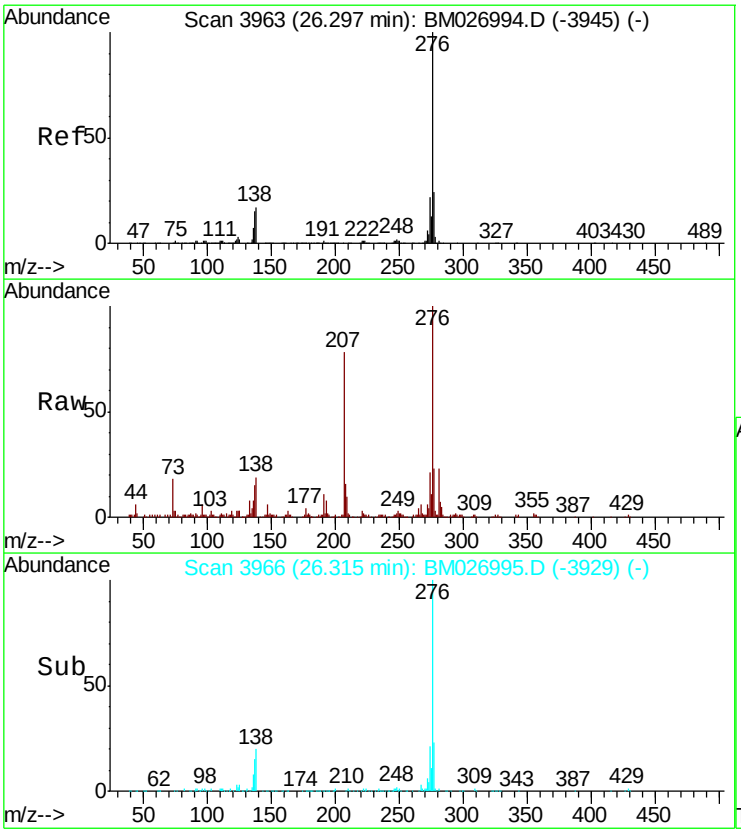

#94
Benzo(g,h,i)perylene
Concen: 6.079 ng/ul
RT: 26.31 min Scan# 3966
Delta R.T. 0.02 min
Lab File: BM026995.D
Acq: 04 Aug 2020 09:07

Tgt Ion:276 Resp: 191460

Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.9	22.3
277	23.4	19.1	28.7