Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050420\
Data File : BM025971.D
Acq On : 04 May 2020 14:02
Operator : MA/SJ
Sample : L2321-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2M16

Quant Time: May 04 14:43:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 14:41:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	8591	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	5107	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	11524	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	9610	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	8499	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3502	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	11060	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	13100	0.48	ng/ul	98
5) 2-Methylnaphthalene	11.99	142	8709	0.49	ng/ul	98
9) Fluorene	15.25	166	13288	0.56	ng/ul	98
11) Pentachlorophenol	16.60	266	6743	2.32	ng/ul	96
12) Phenanthrene	16.98	178	24731	0.63	ng/ul	98
15) Fluoranthene	19.00	202	26827	0.59	ng/ul	97
18) Benzo(a)anthracene	21.12	228	29262	0.80	ng/ul	98
22) Benzo(k)fluoranthene	22.69	252	27884	0.65	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.40	276	18506	0.52	ng/ul#	97
26) Benzo(g,h,i)perylene	26.03	276	18457	0.56	ng/ul	95

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

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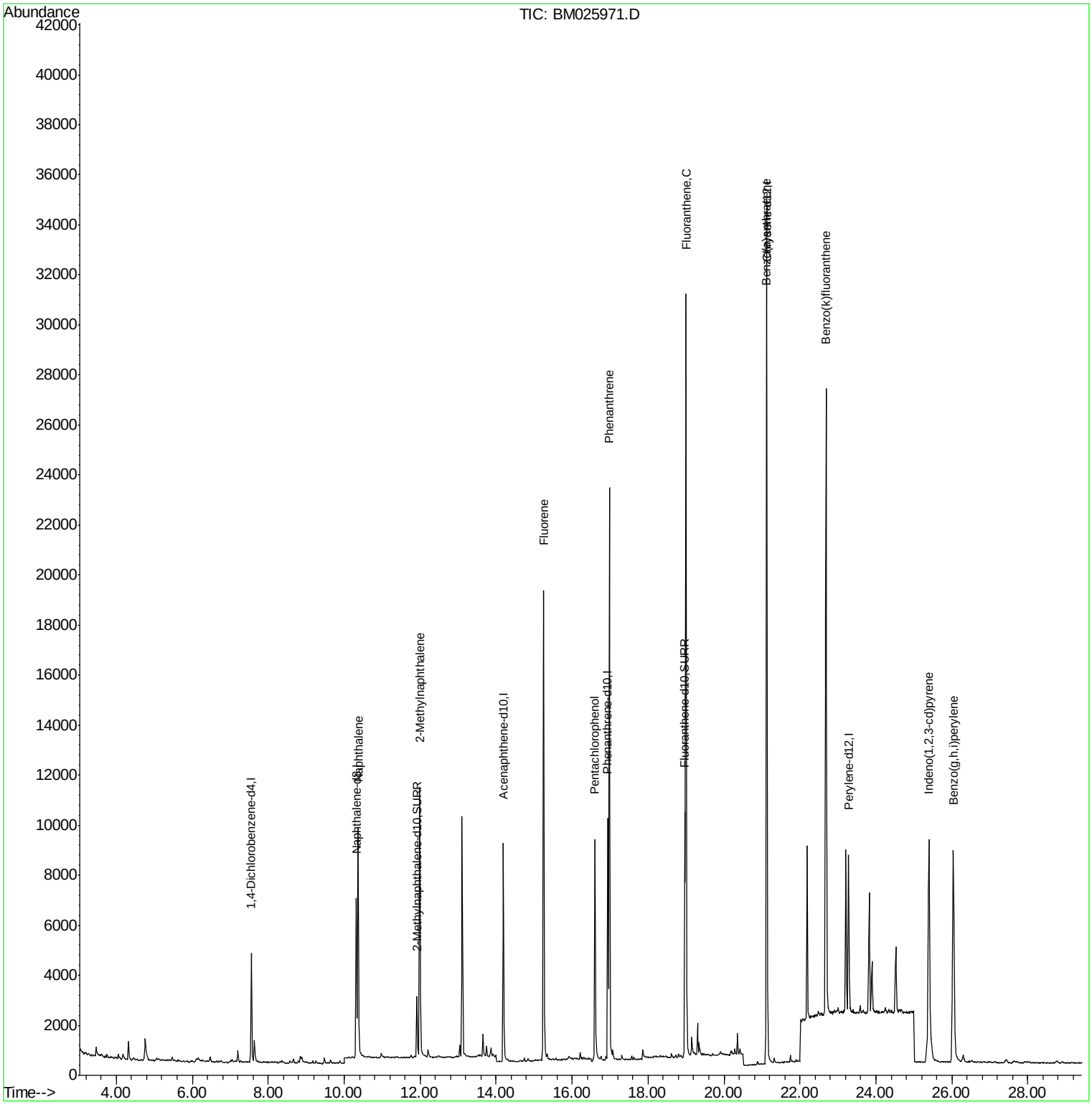
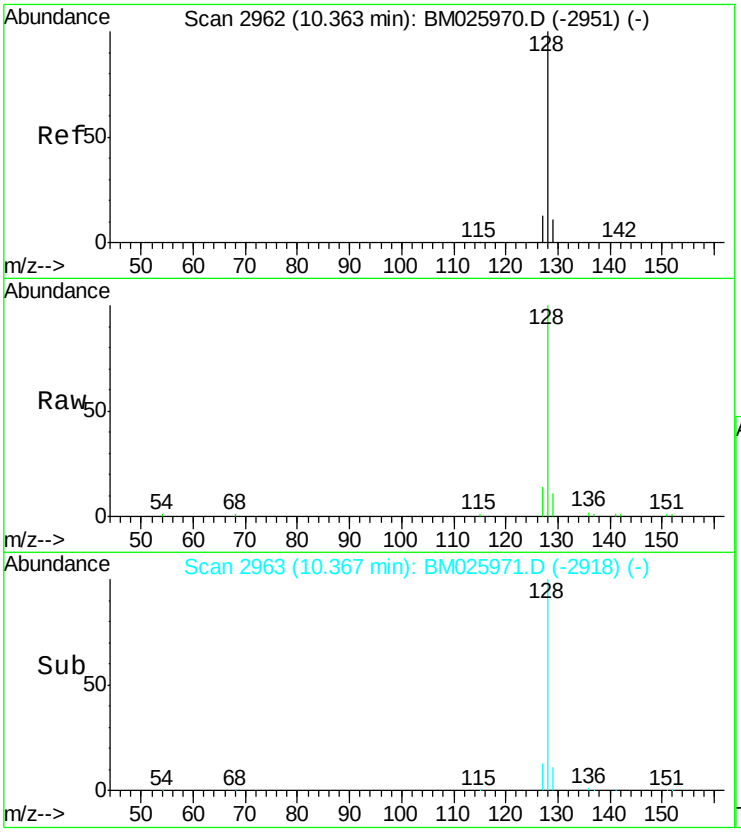


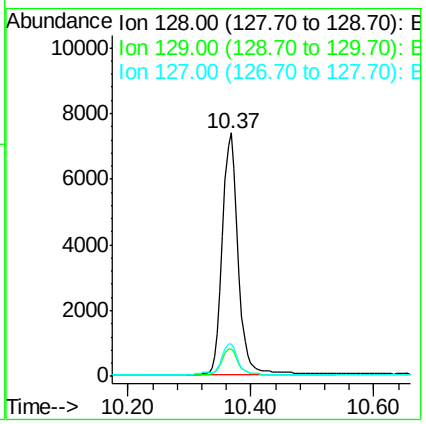


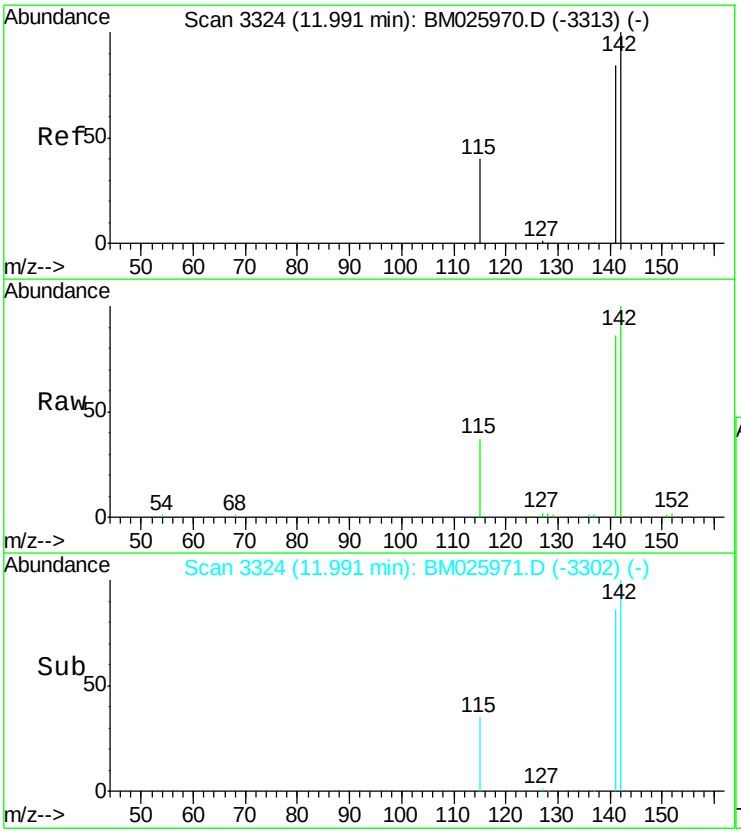
#3
Naphthalene
Concen: 0.48 ng/ul
RT: 10.37 min Scan# 2963
Delta R.T. 0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Instrument :
BNA_M
ClientSampleId :
X2M16

Tgt Ion:128 Resp: 13100

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	13.6	11.5	17.3

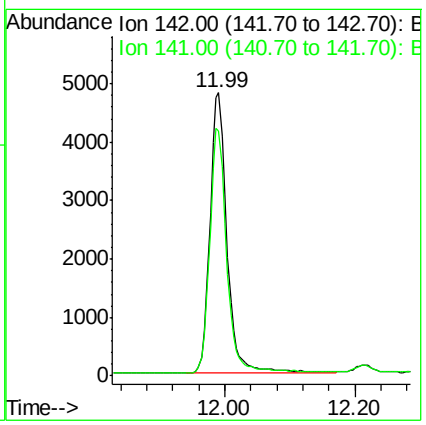


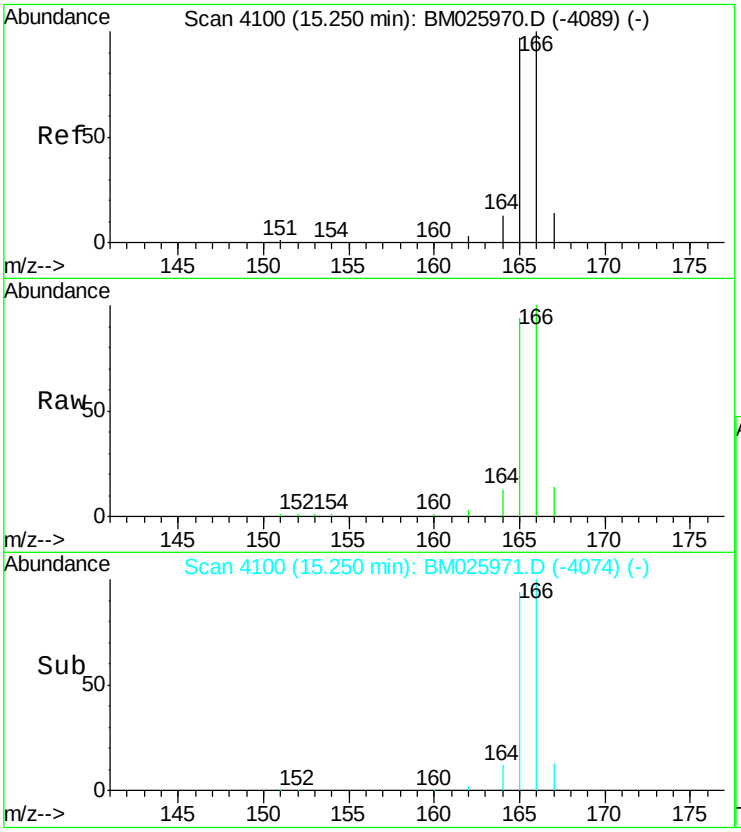


#5
2-Methylnaphthalene
Concen: 0.49 ng/ul
RT: 11.99 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Tgt Ion:142 Resp: 8709

Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.5	102.7



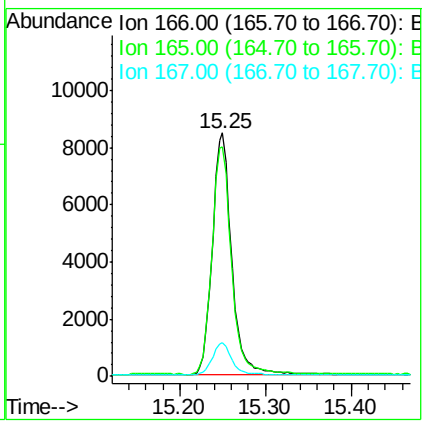


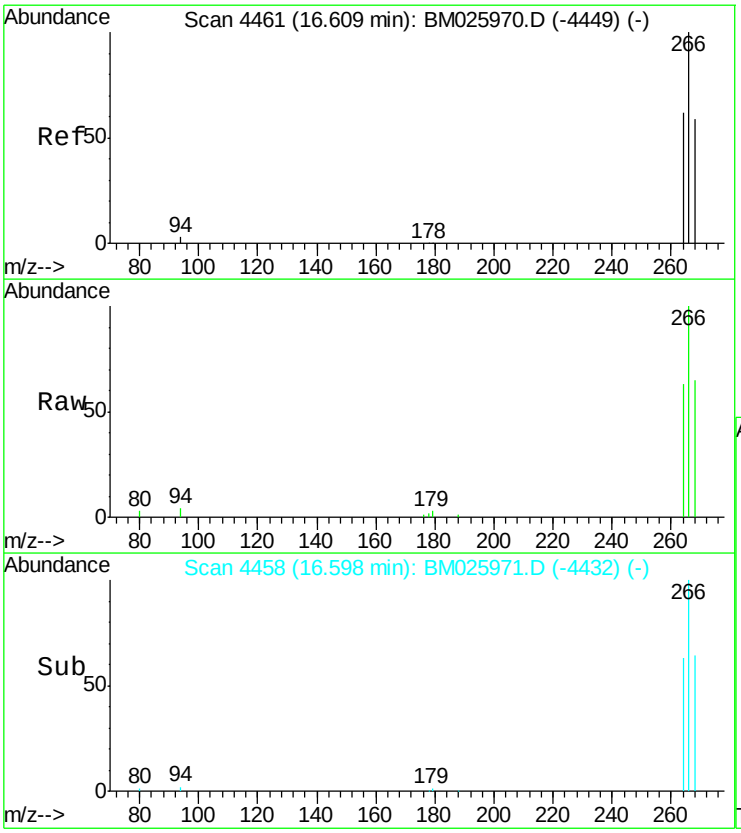
#9
Fluorene
Concen: 0.56 ng/ul
RT: 15.25 min Scan# 4100
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Instrument :
BNA_M
ClientSampleId :
X2M16

Tgt Ion:166 Resp: 13288

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.0	115.4
167	13.9	12.2	18.2

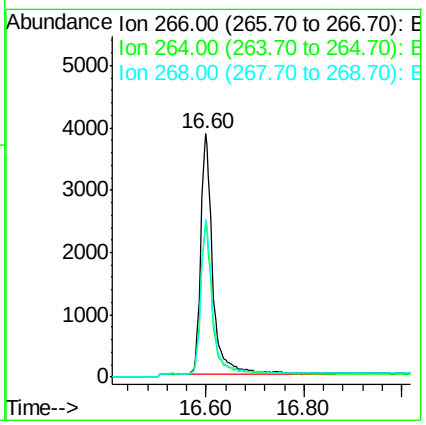


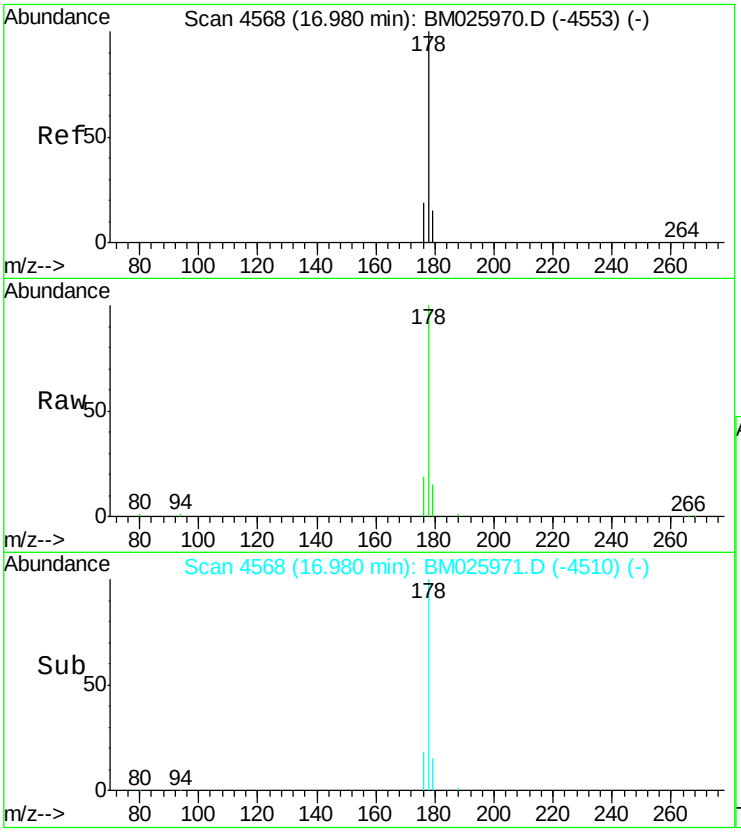


#11
Pentachlorophenol
Concen: 2.32 ng/ul
RT: 16.60 min Scan# 4458
Delta R.T. -0.01 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Tgt Ion:266 Resp: 6743

Ion	Ratio	Lower	Upper
266	100		
264	62.2	52.6	78.8
268	63.5	52.6	78.8



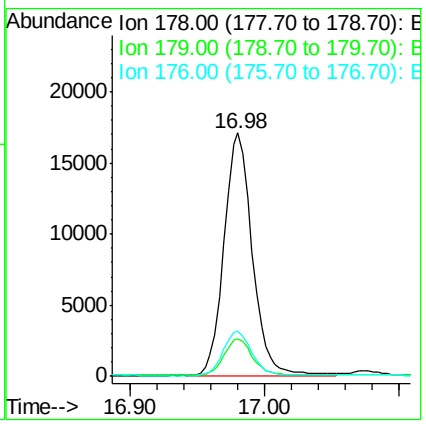


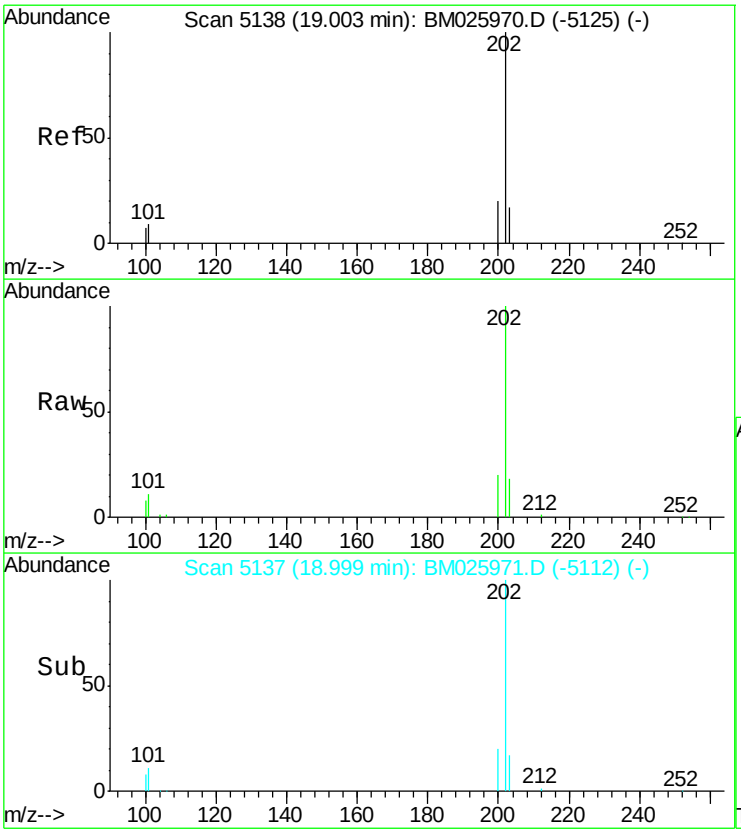
#12
Phenanthrene
Concen: 0.63 ng/ul
RT: 16.98 min Scan# 4568
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Instrument :
BNA_M
ClientSampleId :
X2M16

Tgt Ion:178 Resp: 24731

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	18.6	15.6	23.4

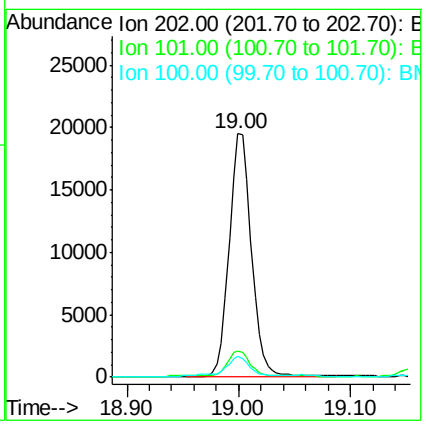


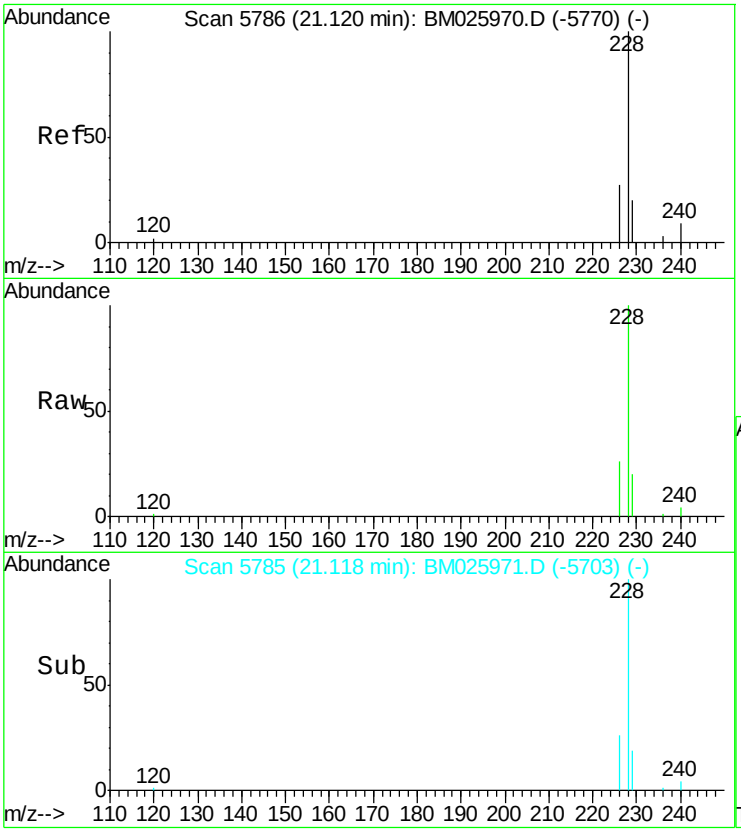


#15
Fluoranthene
Concen: 0.59 ng/ul
RT: 19.00 min Scan# 5137
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Tgt Ion:202 Resp: 26827

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.3
100	8.4	0.0	27.5



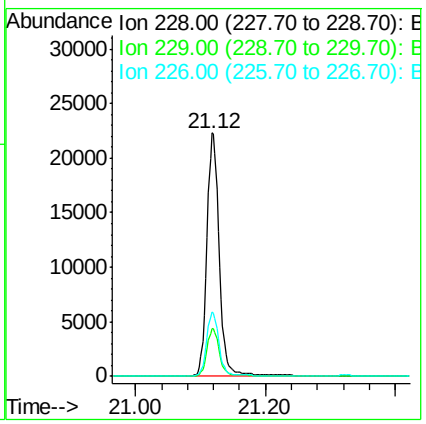


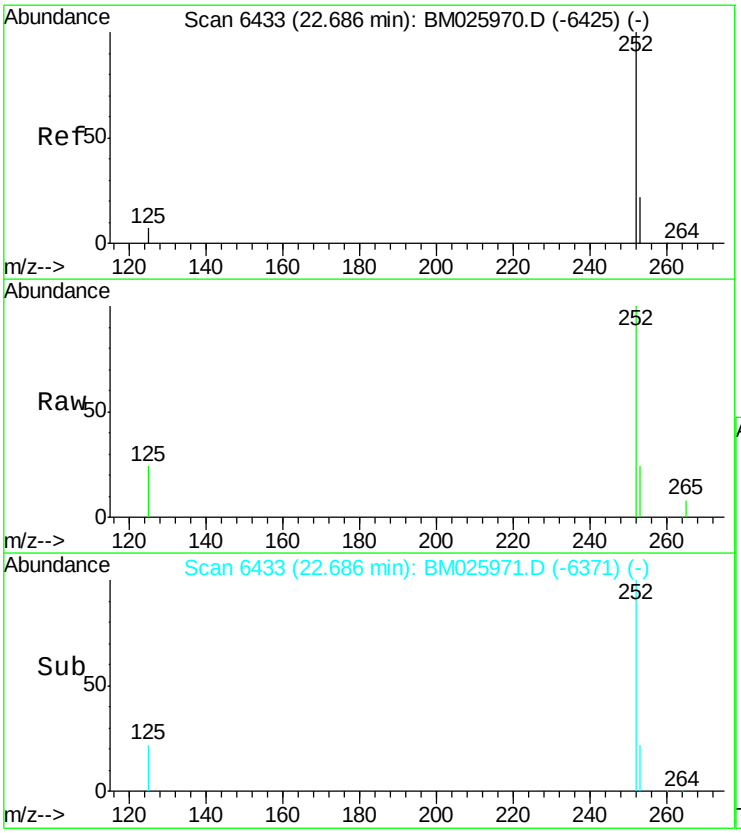
#18
Benzo(a)anthracene
Concen: 0.80 ng/ul
RT: 21.12 min Scan# 5785
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Instrument :
BNA_M
ClientSampleId :
X2M16

Tgt Ion:228 Resp: 29262

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.4	24.6
226	26.4	21.8	32.8

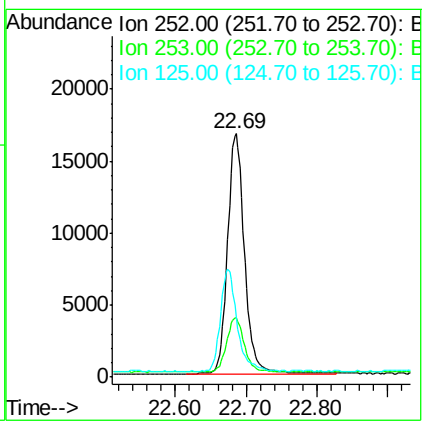


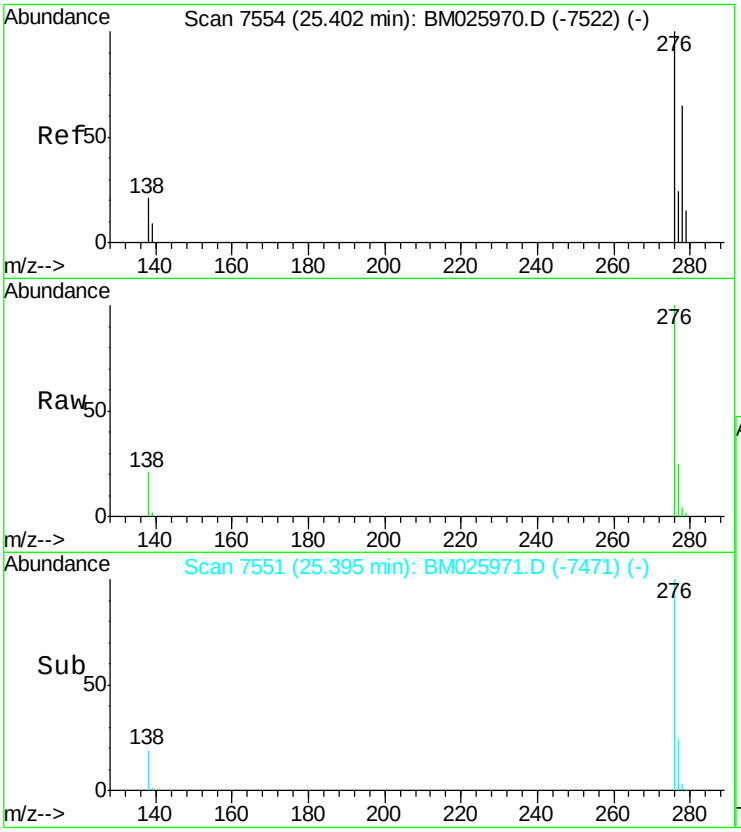


#22
Benzo(k)fluoranthene
Concen: 0.65 ng/ul
RT: 22.69 min Scan# 6433
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Tgt Ion:252 Resp: 27884

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.9	32.9
125	24.2	9.8	14.8#



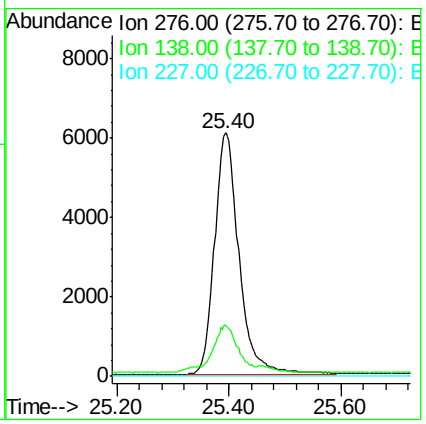


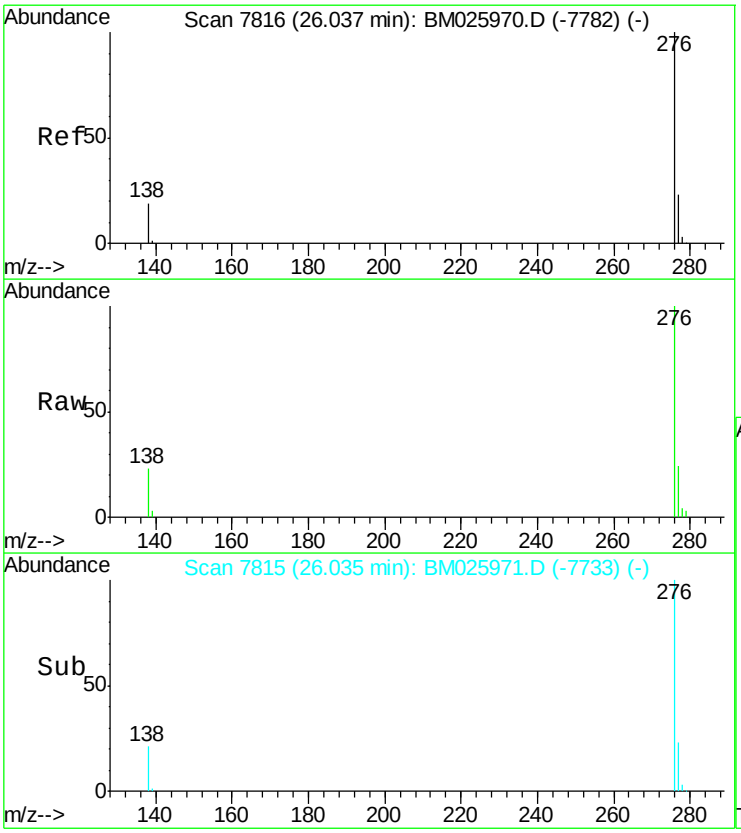
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.52 ng/ul
RT: 25.40 min Scan# 7551
Delta R.T. -0.01 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Instrument :
BNA_M
ClientSampleId :
X2M16

Tgt Ion:276 Resp: 18506

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.2	22.8
227	0.0	0.0	0.0





#26
Benzo(g,h,i)perylene
Concen: 0.56 ng/ul
RT: 26.03 min Scan# 7815
Delta R.T. -0.00 min
Lab File: BM025971.D
Acq: 04 May 2020 14:02

Tgt Ion:276 Resp: 18457

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.4	26.0
277	24.3	22.2	33.2