Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024744.D
Acq On : 07 Feb 2020 01:03
Operator : CG/JU
Sample : L1398-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 07 01:53:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	314253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1253469	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	850783	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1889780	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1779359	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	2001358	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	20334	3.11	ng/uL	0.00
5) Phenol-d5	6.60	99	375088	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	223909	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	348727	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	320329	18.18	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	170432	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	202543	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	371734	17.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	457148	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1224105	19.06	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1430298	19.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	161129	15.44	ng/ul	0.00
58) Fluorene-d10	15.06	176	1072771	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	191470	15.54	ng/ul	0.00
71) Anthracene-d10	16.92	188	1678663	19.46	ng/ul	0.00
79) Pyrene-d10	19.22	212	1967194	22.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2080674	20.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	90164	1.408	ng/ul	98
50) Acenaphthene	14.13	153	67727	1.291	ng/ul	99
54) Dibenzofuran	14.47	168	83262	1.065	ng/ul	100
59) Fluorene	15.12	166	97050	1.506	ng/ul	98
70) Phenanthrene	16.86	178	1283347	12.455	ng/ul	100
72) Anthracene	16.94	178	291181	2.786	ng/ul	99
75) Carbazole	17.22	167	99181	1.139	ng/ul	98
77) Fluoranthene	18.89	202	1713630	13.547	ng/ul	100
80) Pyrene	19.25	202	1404525	11.925	ng/ul	99
83) Benzo(a)anthracene	21.01	228	766972	6.399	ng/ul	99
85) Chrysene	21.06	228	687370	5.825	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	847054	6.656	ng/ul#	98
89) Benzo(k)fluoranthene	22.51	252	847054	6.915	ng/ul#	98
91) Benzo(a)pyrene	23.04	252	582450	5.105	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	397764	2.800	ng/ul	96
94) Benzo(g,h,i)perylene	25.80	276	361927	3.064	ng/ul	98

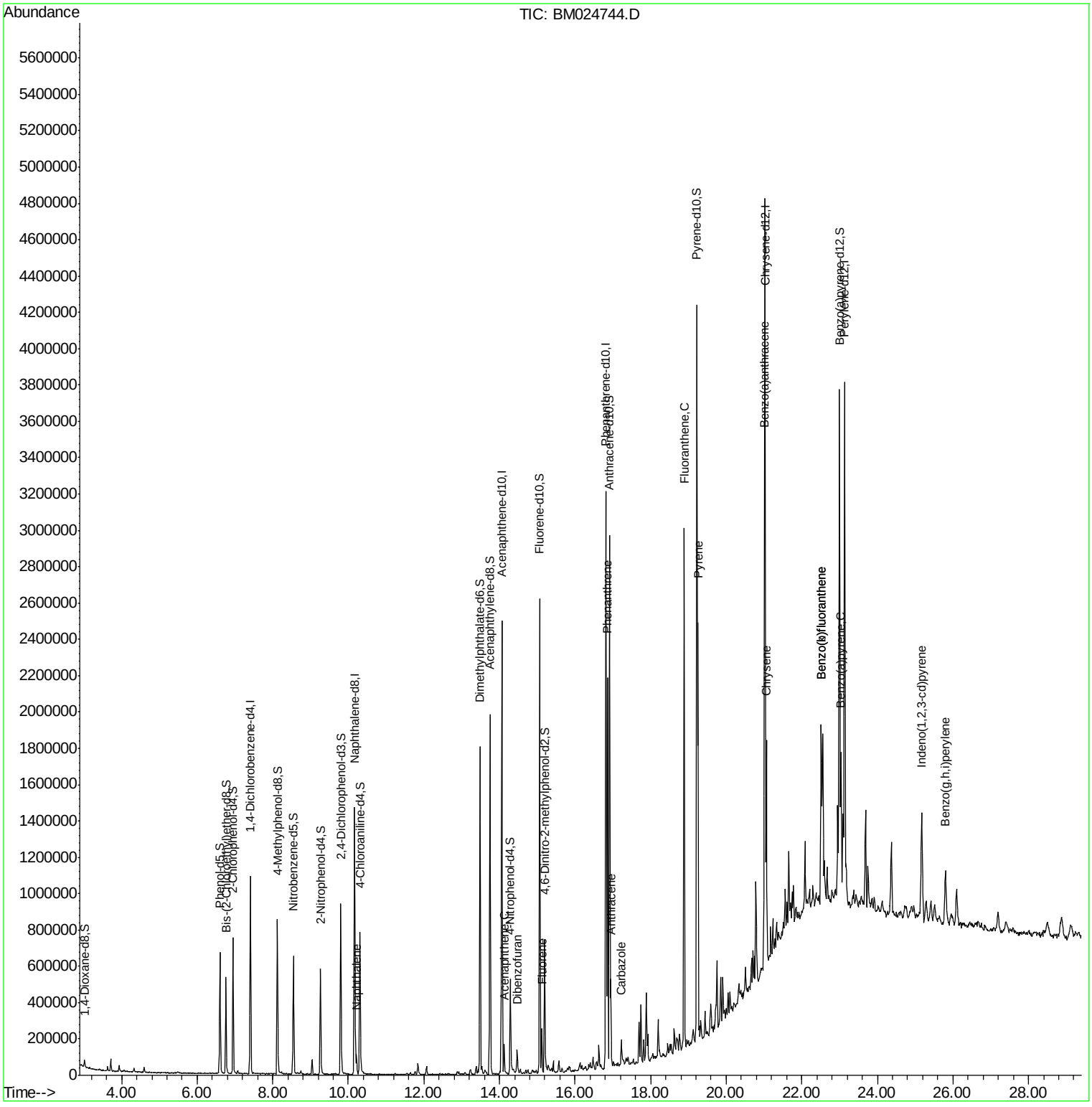
(#) = qualifier out of range (m) = manual integration (+) = signals summed

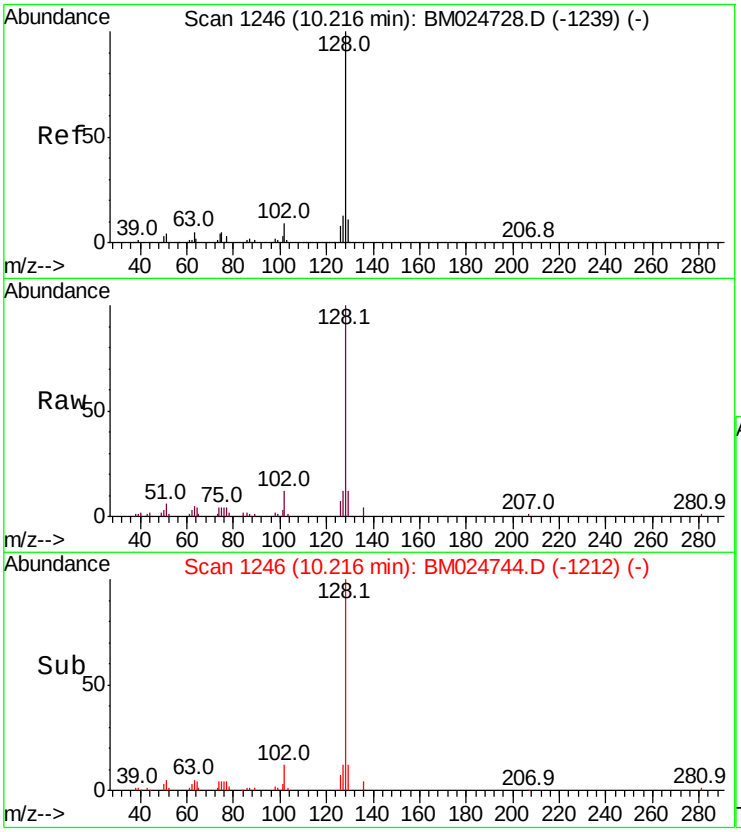
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024744.D
Acq On : 07 Feb 2020 01:03
Operator : CG/JU
Sample : L1398-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 07 01:53:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration



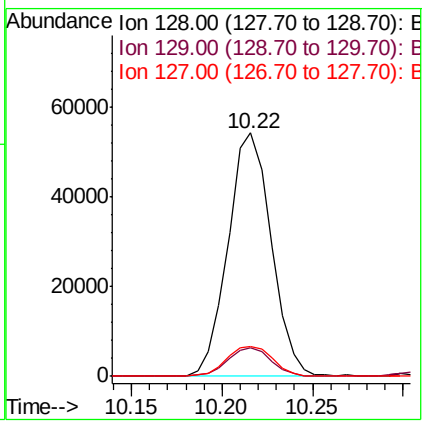


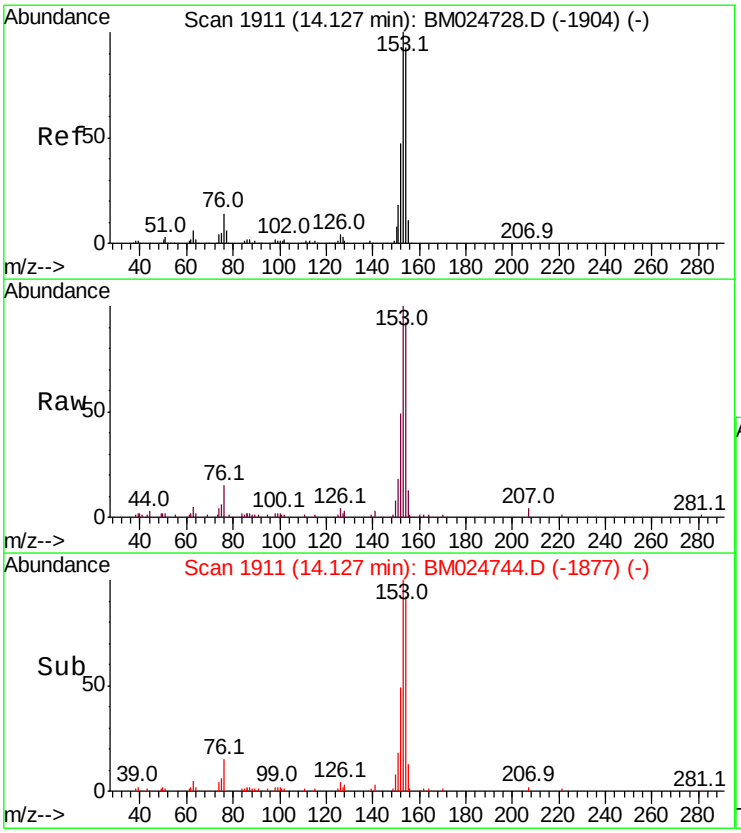
#28
Naphthalene
Concen: 1.408 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 90164

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	12.2	10.4	15.6

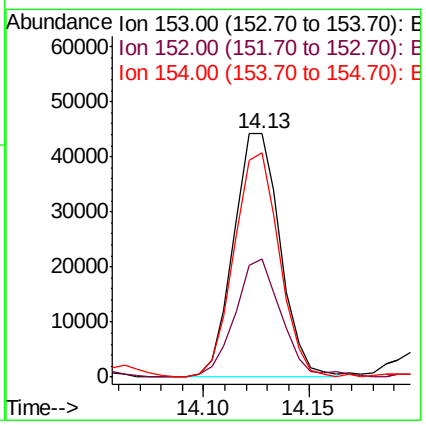


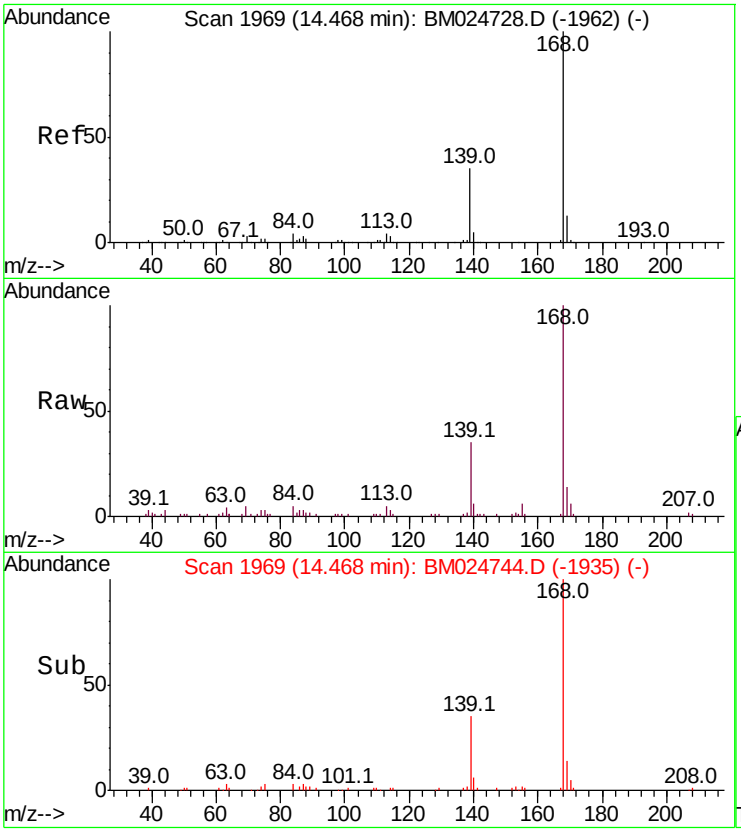


#50
Acenaphthene
Concen: 1.291 ng/ul
RT: 14.13 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:153 Resp: 67727

Ion	Ratio	Lower	Upper
153	100		
152	48.5	37.3	55.9
154	92.1	74.1	111.1



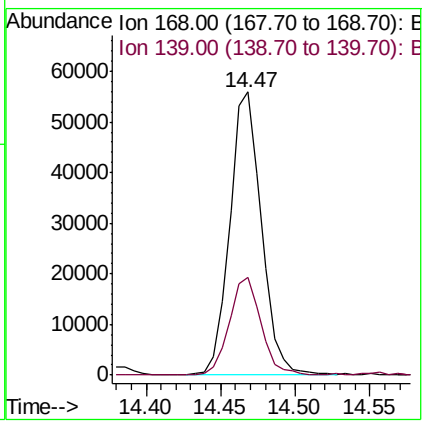


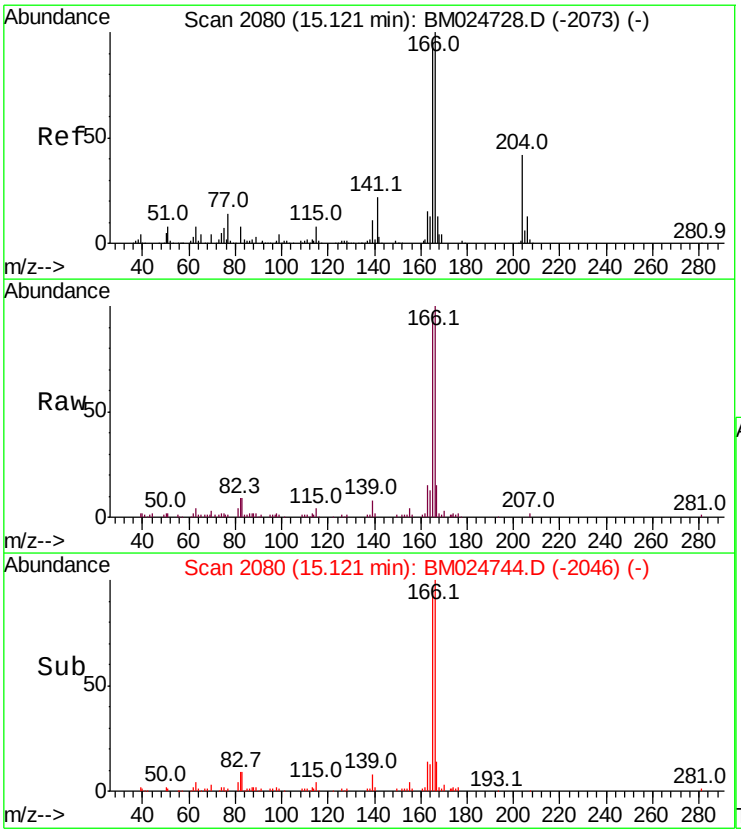
#54
Dibenzofuran
Concen: 1.065 ng/ul
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 83262

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.8	41.8

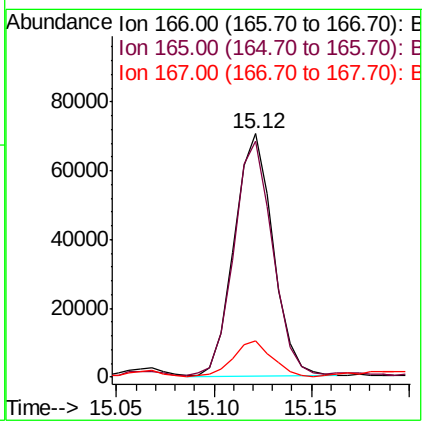


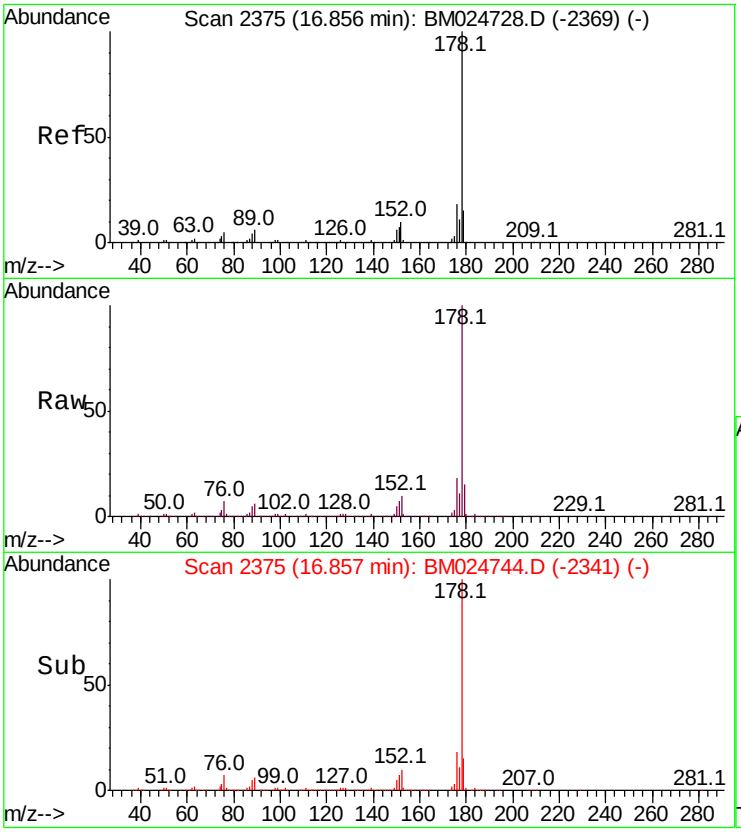


#59
Fluorene
Concen: 1.506 ng/ul
RT: 15.12 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:166 Resp: 97050

Ion	Ratio	Lower	Upper
166	100		
165	96.9	75.8	113.8
167	14.9	10.6	16.0



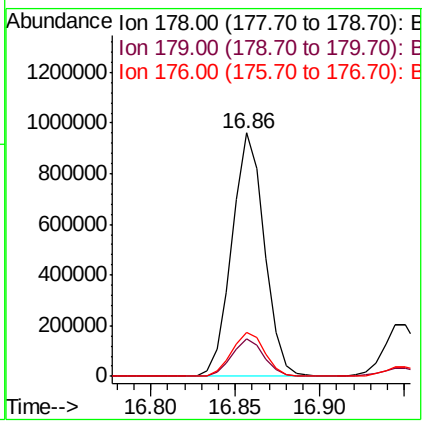


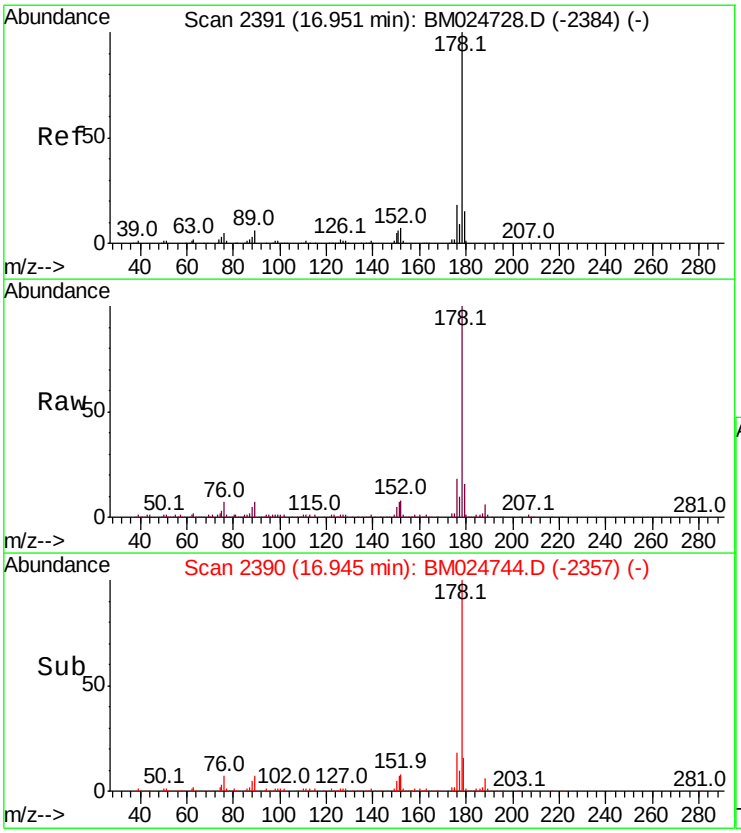
#70
Phenanthrene
Concen: 12.455 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1283347

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.2	14.5	21.7

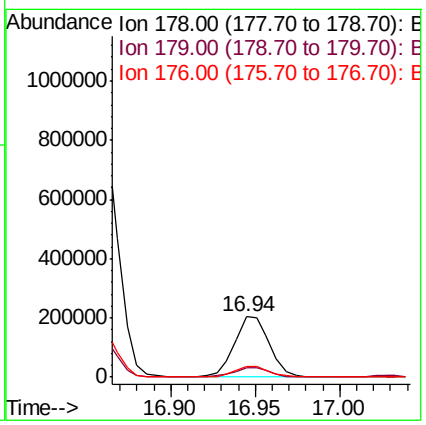


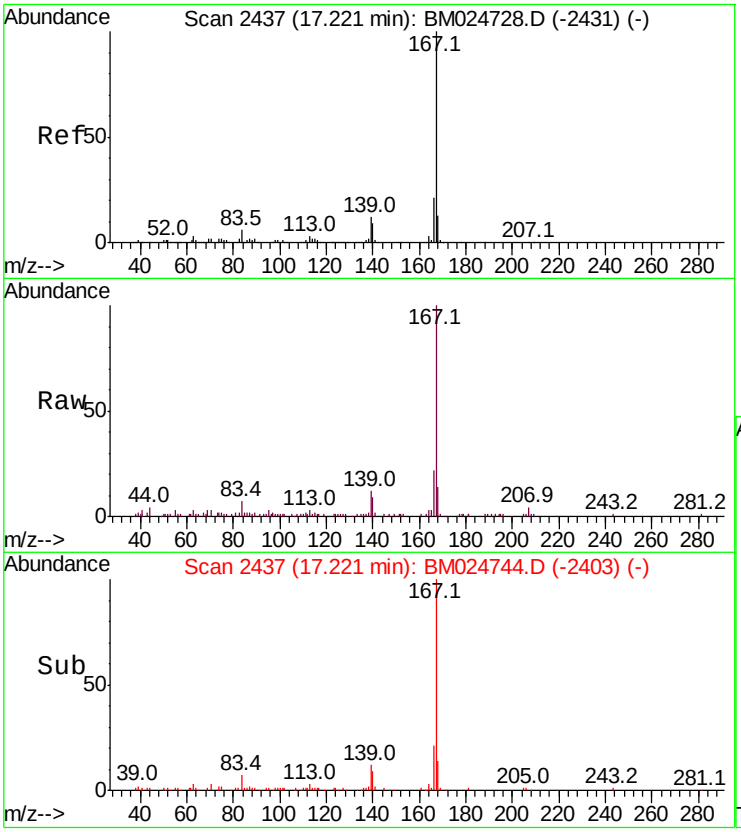


#72
Anthracene
Concen: 2.786 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:178 Resp: 291181

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	17.7	14.1	21.1



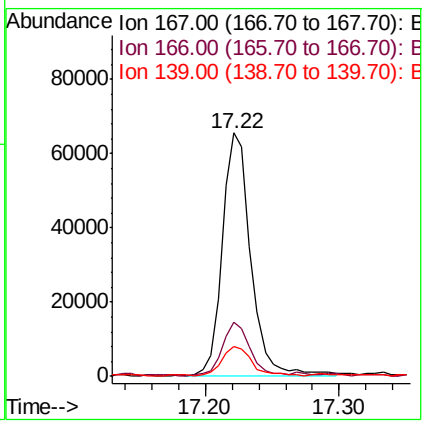


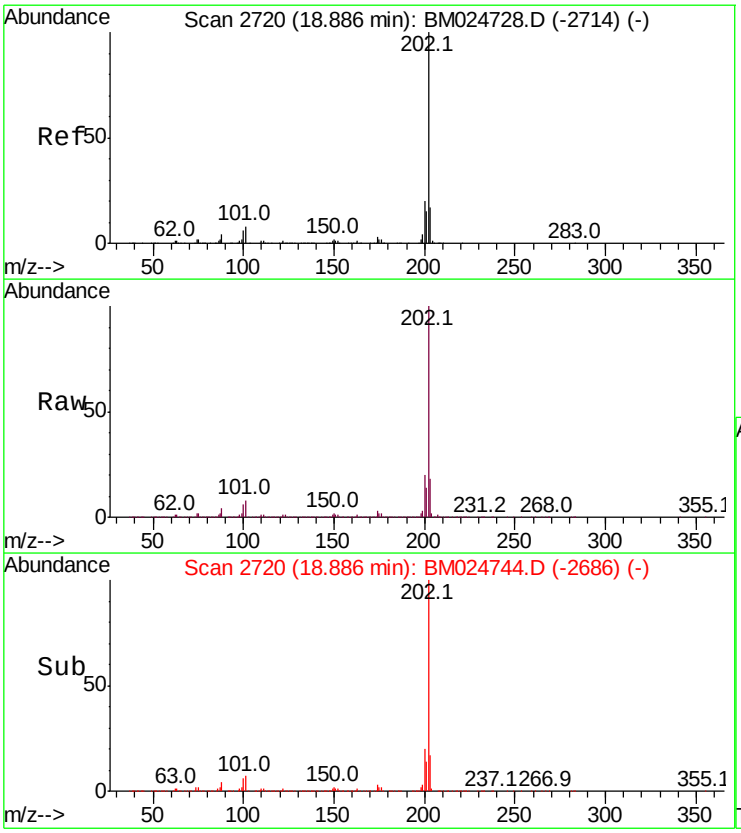
#75
Carbazole
Concen: 1.139 ng/ul
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 99181

Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.6	24.8
139	12.1	9.3	13.9

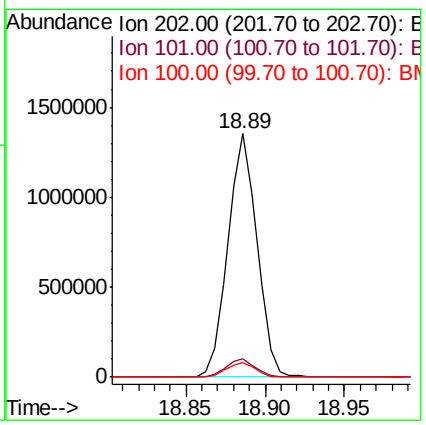


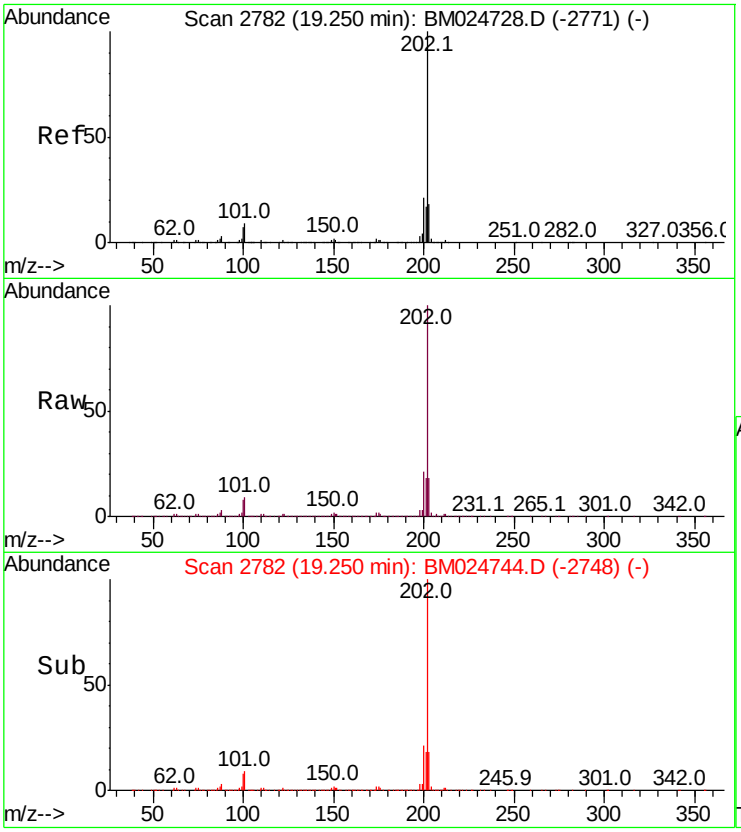


#77
Fluoranthene
Concen: 13.547 ng/ul
RT: 18.89 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:202 Resp: 1713630

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	5.9	4.8	7.2



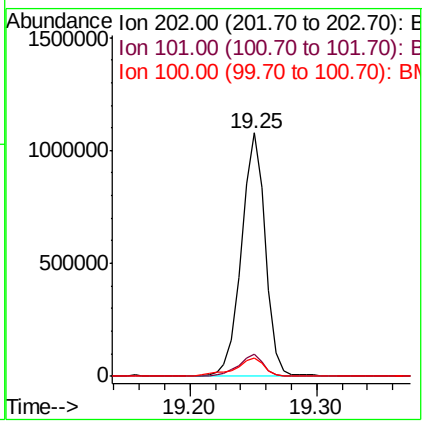


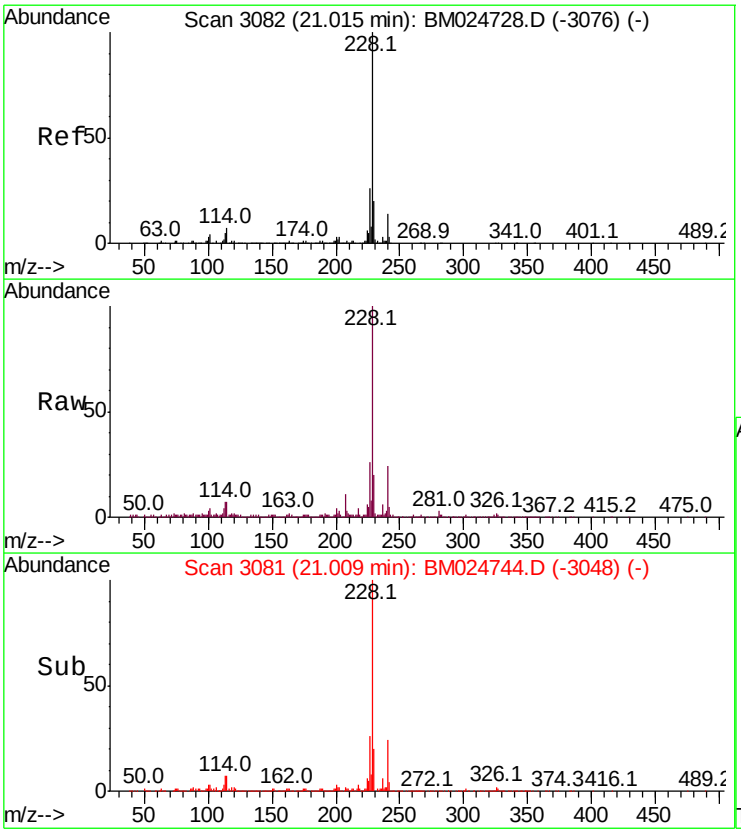
#80
Pyrene
Concen: 11.925 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1404525

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
100	7.6	5.8	8.8

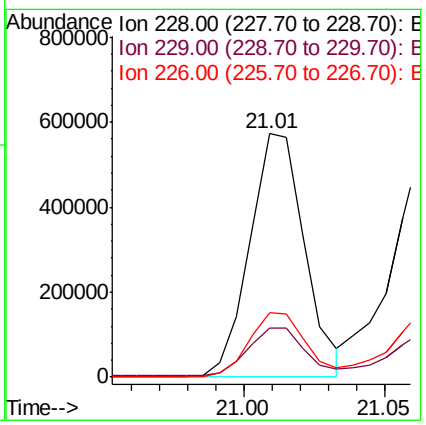


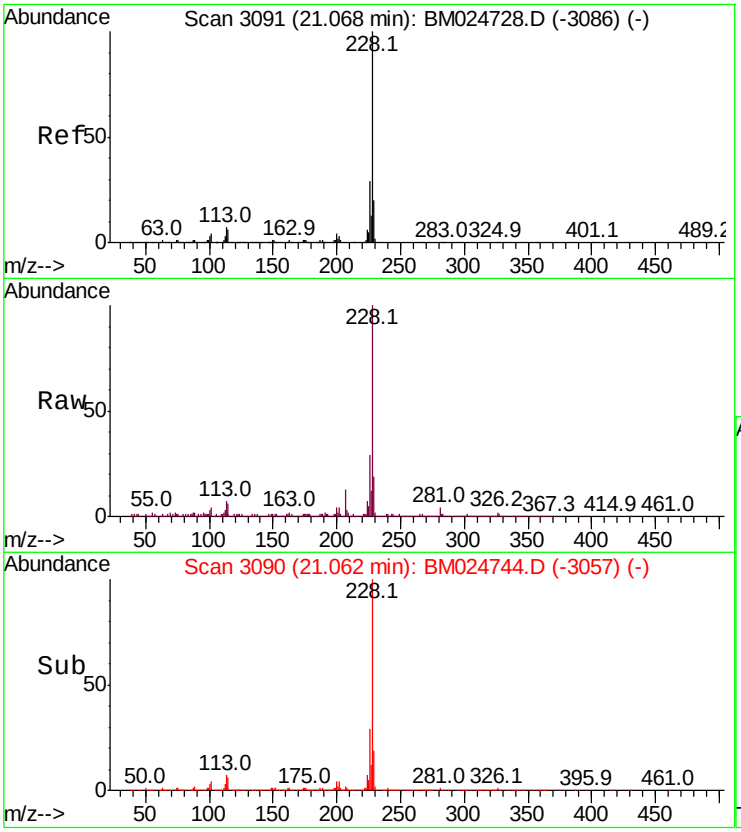


#83
Benzo(a)anthracene
Concen: 6.399 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:228 Resp: 766972

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	26.2	20.8	31.2



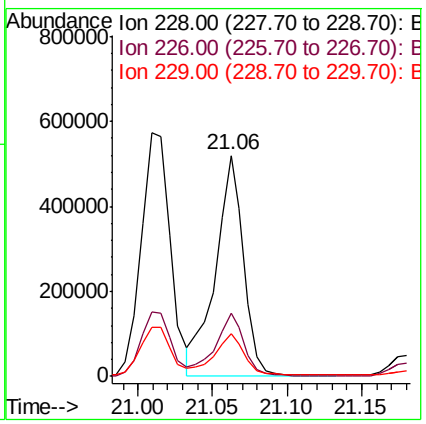


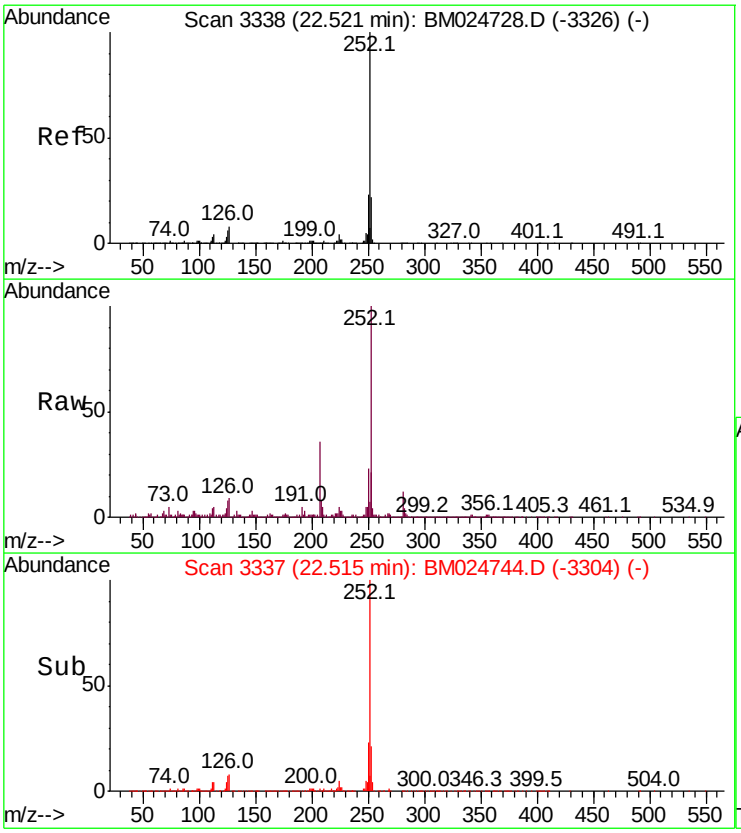
#85
Chrysene
Concen: 5.825 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 687370

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.1	15.8	23.8

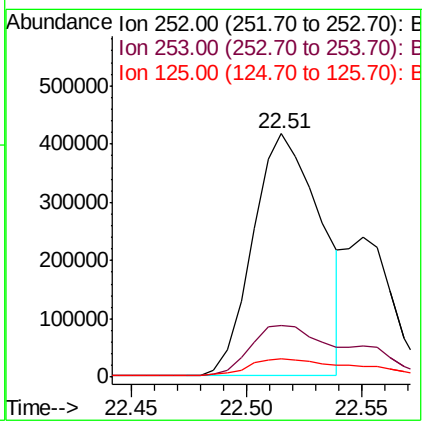


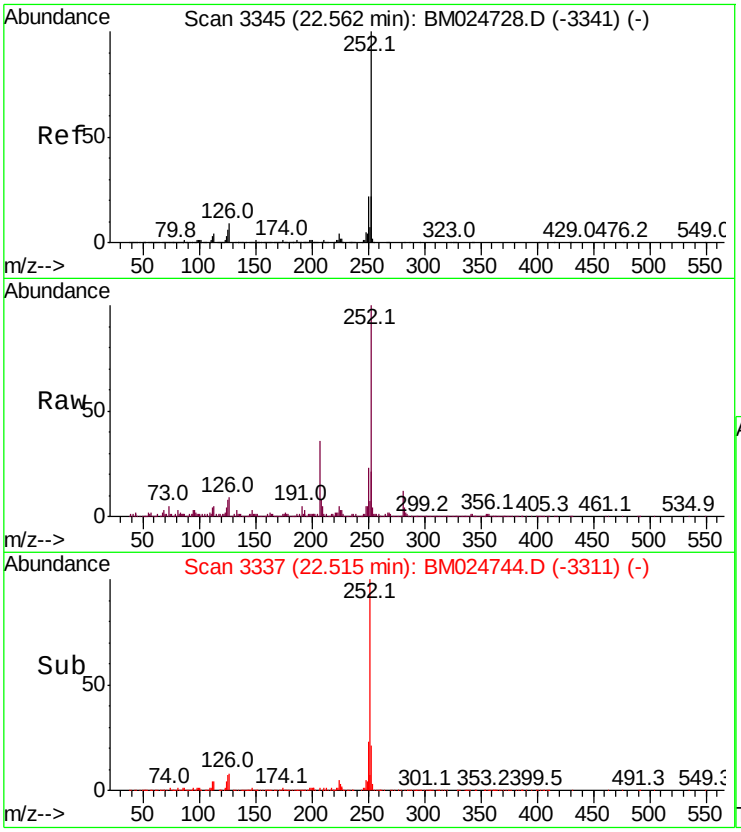


#88
Benzo(b)fluoranthene
Concen: 6.656 ng/ul
RT: 22.51 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:252 Resp: 847054

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	7.8	5.1	7.7#



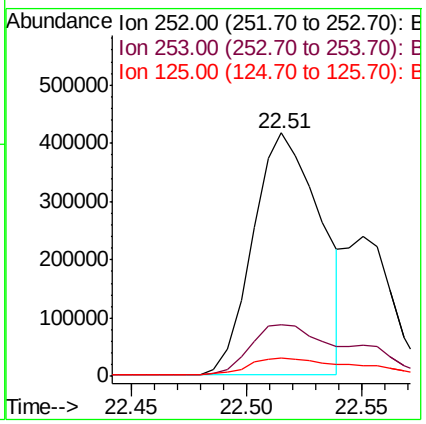


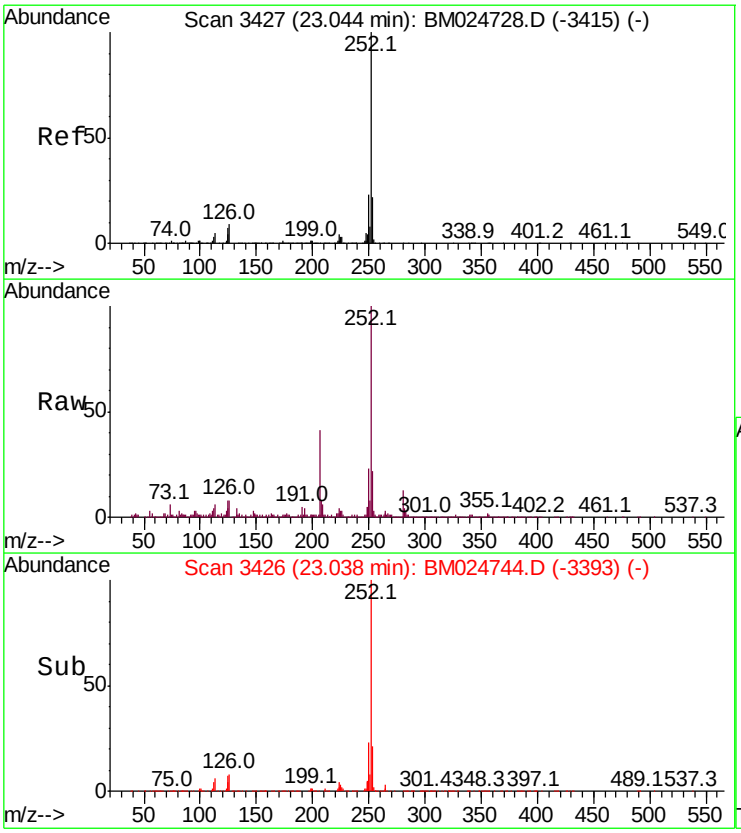
#89
Benzo(k)fluoranthene
Concen: 6.915 ng/ul
RT: 22.51 min Scan# 3337
Delta R.T. -0.05 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 847054

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	7.8	5.1	7.7#

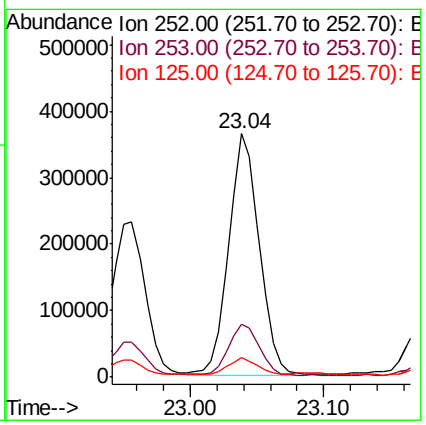


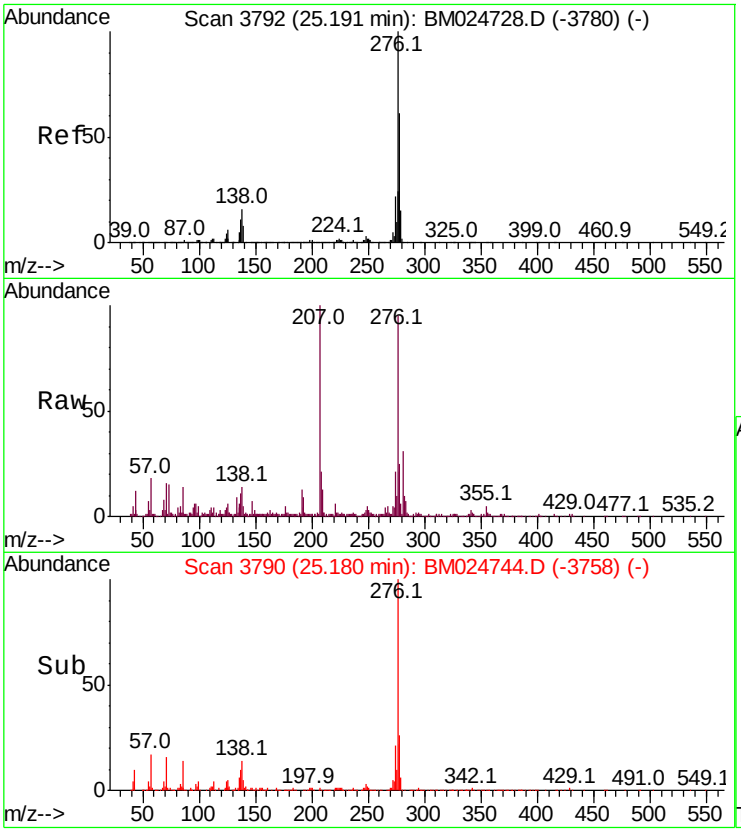


#91
Benzo(a)pyrene
Concen: 5.105 ng/ul
RT: 23.04 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:252 Resp: 582450

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.9	5.6	8.4



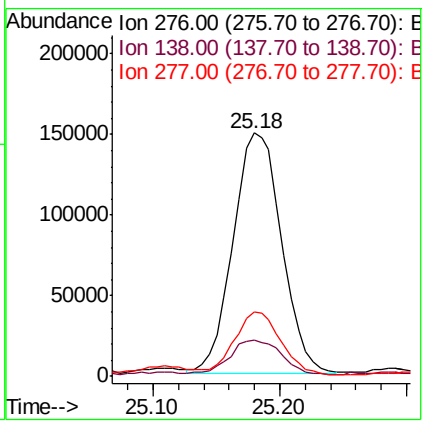


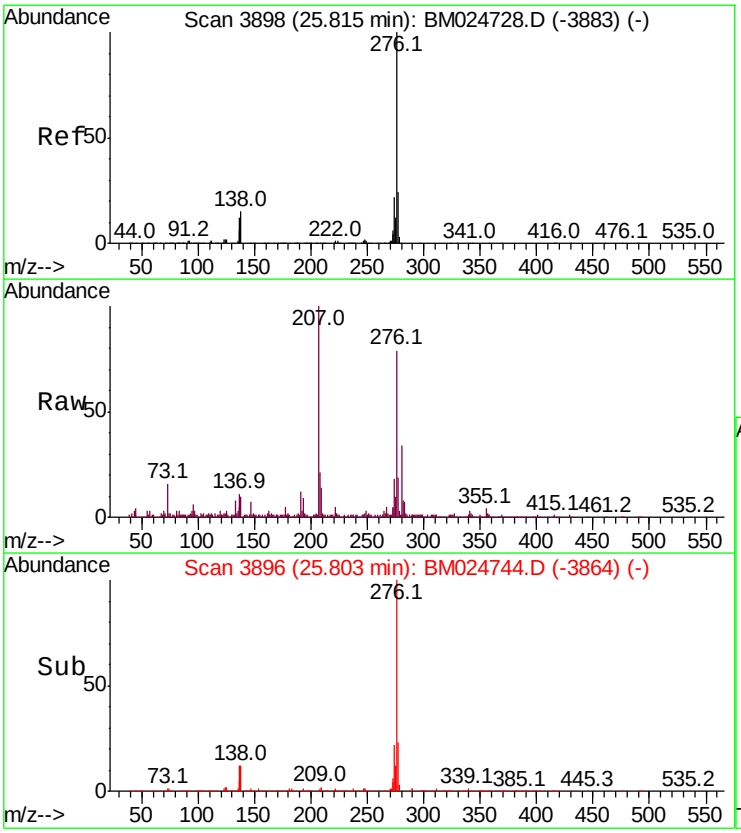
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.800 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 397764

Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.8	19.2
277	26.2	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 3.064 ng/ul
RT: 25.80 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM024744.D
Acq: 07 Feb 2020 01:03

Tgt Ion:276 Resp: 361927

Ion	Ratio	Lower	Upper
276	100		
138	13.0	11.8	17.6
277	23.4	19.0	28.6