Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024978.D
Acq On : 20 Feb 2020 12:14
Operator : CG/JU
Sample : L1423-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B02

Quant Time: Feb 20 12:46:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	370978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1356120	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	809257	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1658114	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1571214	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1671012	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	34261	4.44	ng/uL	0.00
5) Phenol-d5	6.59	99	577861	23.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	372989	26.80	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	503588	22.81	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	287920	13.85	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	240284	24.50	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	271674	23.45	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	473585	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	393634	18.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1393308	22.81	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1721409	24.13	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	148095	14.92	ng/ul	0.00
58) Fluorene-d10	15.03	176	1228929	22.72	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	149995	13.88	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1721985	22.75	ng/ul	-0.01
79) Pyrene-d10	19.19	212	2014458	25.63	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	2015221	24.01	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.50	163	260769	4.092	ng/ul	99
77) Fluoranthene	18.86	202	214294	1.931	ng/ul#	92
80) Pyrene	19.22	202	209953	2.019	ng/ul#	93
83) Benzo(a)anthracene	20.99	228	112193	1.060	ng/ul	99
85) Chrysene	21.04	228	131419	1.261	ng/ul	94
88) Benzo(b)fluoranthene	22.49	252	184081	1.732	ng/ul#	92
91) Benzo(a)pyrene	23.00	252	109456	1.149	ng/ul#	90

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

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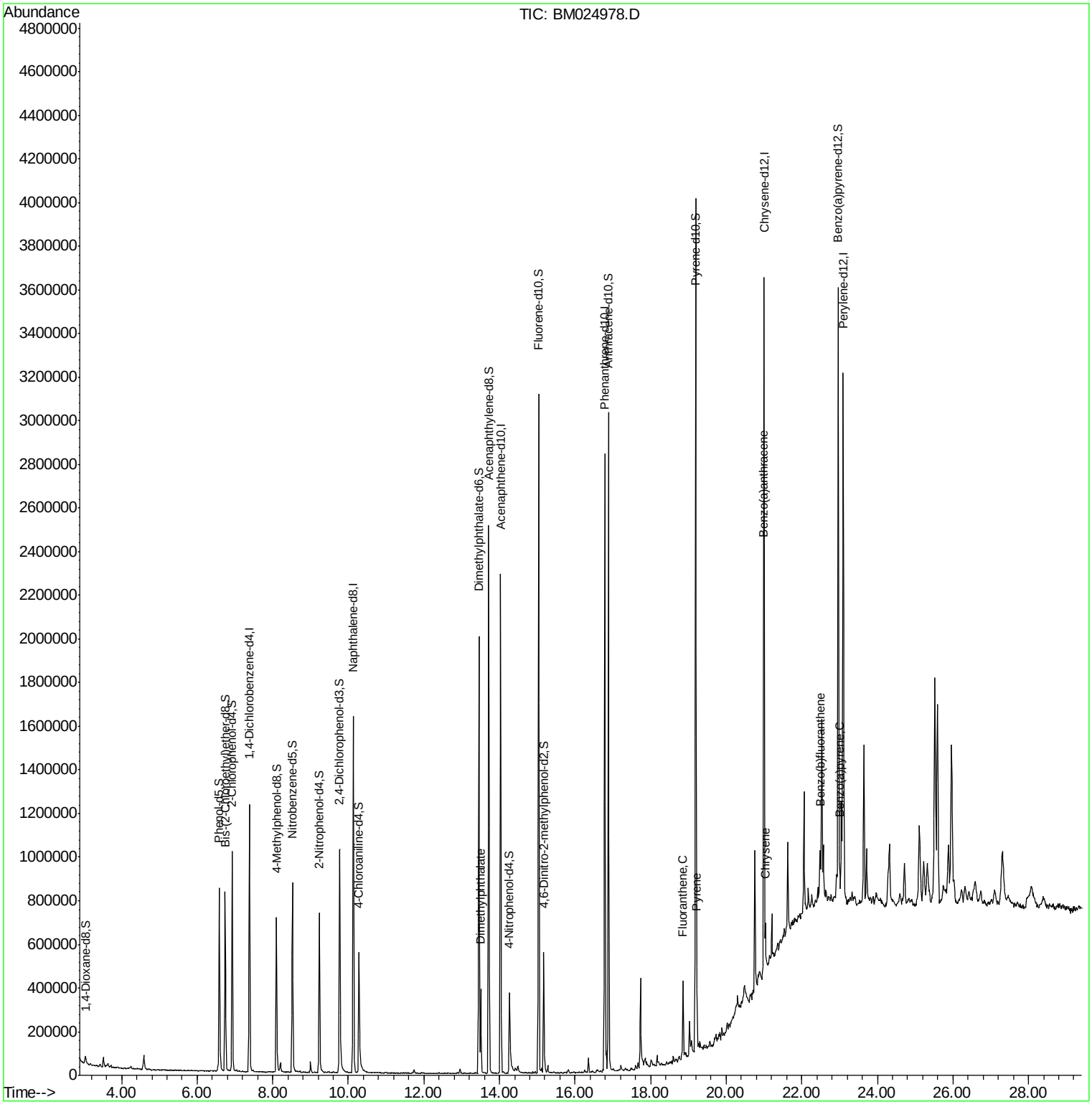
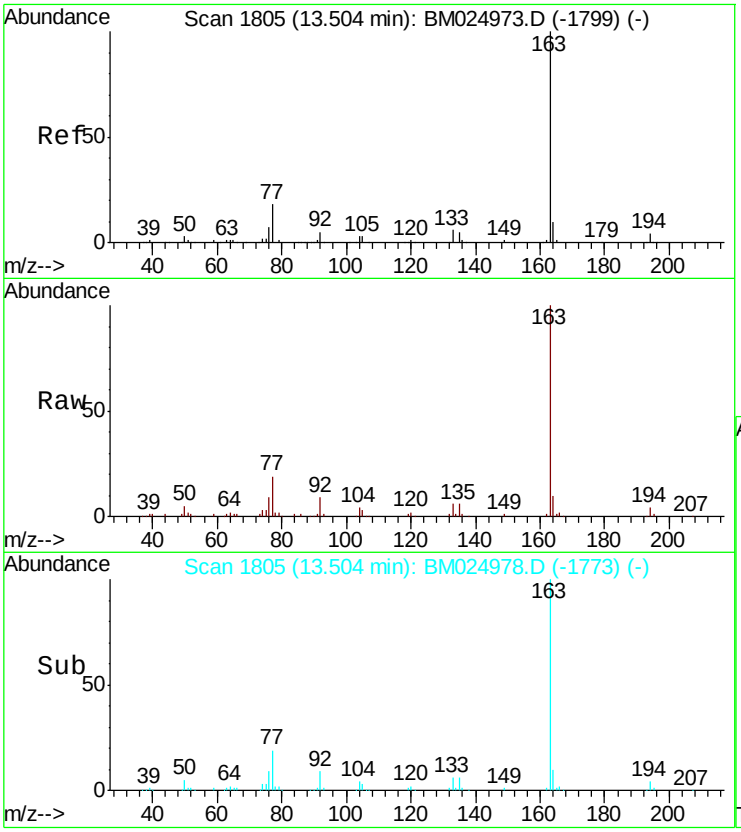


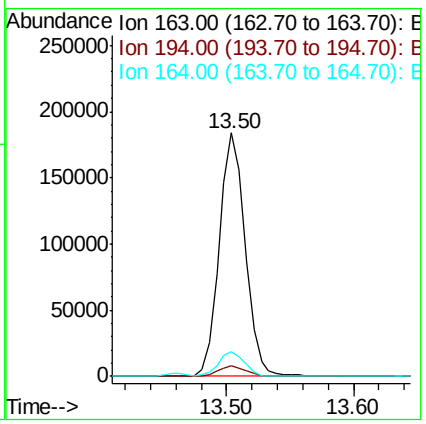


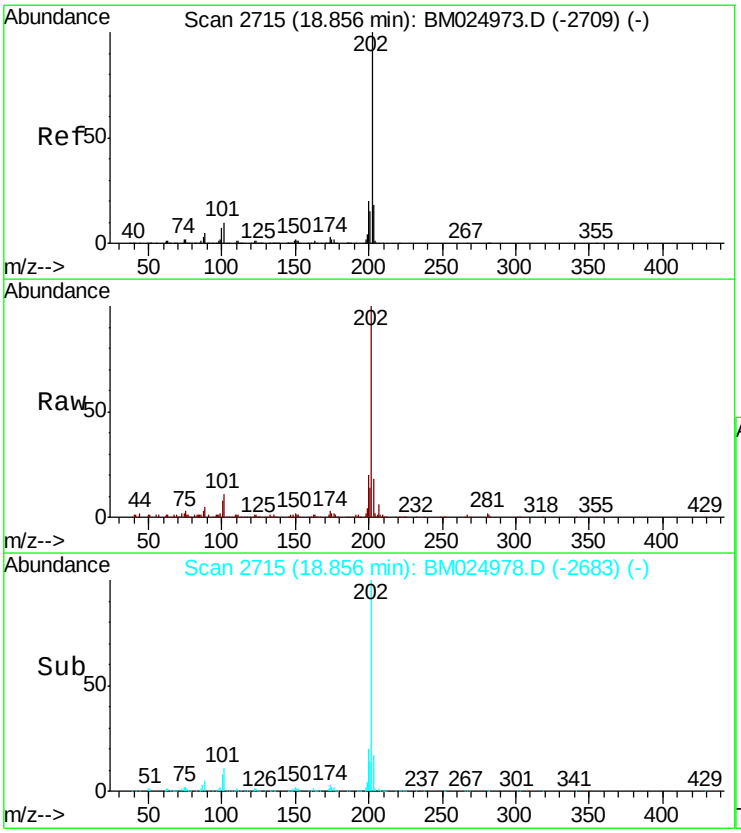
#45
Dimethylphthalate
Concen: 4.092 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Instrument :
BNA_M
ClientSampleId :
C5B02

Tgt Ion:163 Resp: 260769

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.9	8.2	12.2

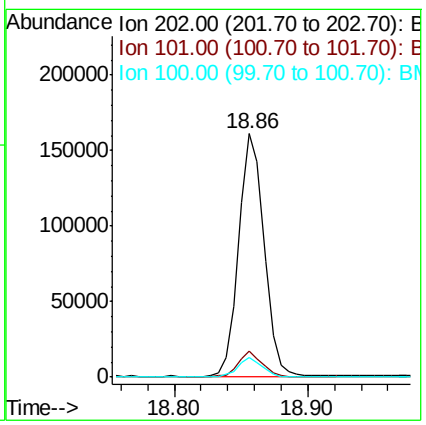


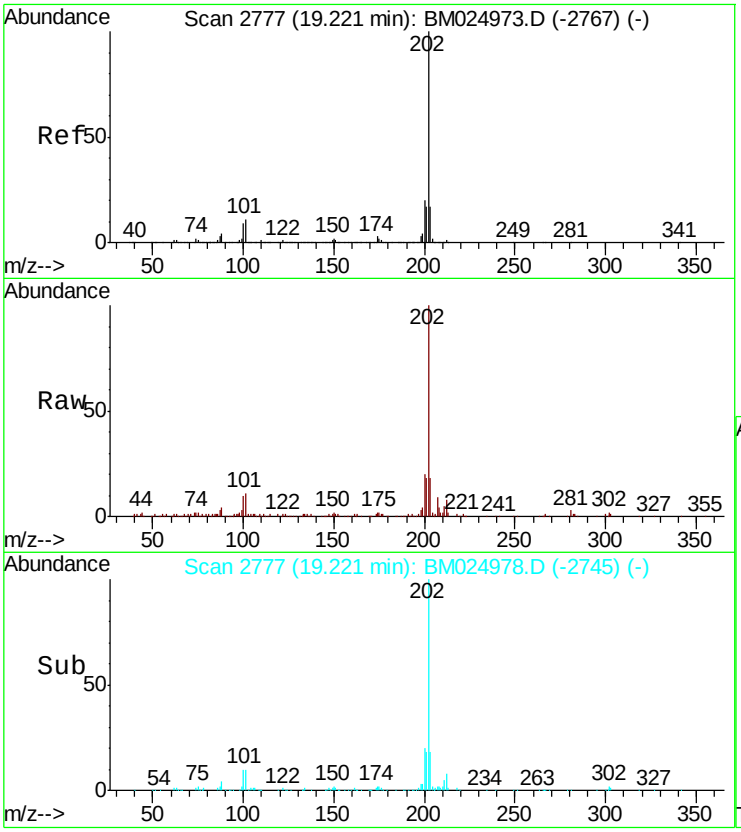


#77
Fluoranthene
Concen: 1.931 ng/ul
RT: 18.86 min Scan# 2715
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Tgt Ion:202 Resp: 214294

Ion	Ratio	Lower	Upper
202	100		
101	10.6	6.1	9.1#
100	8.2	4.8	7.2#



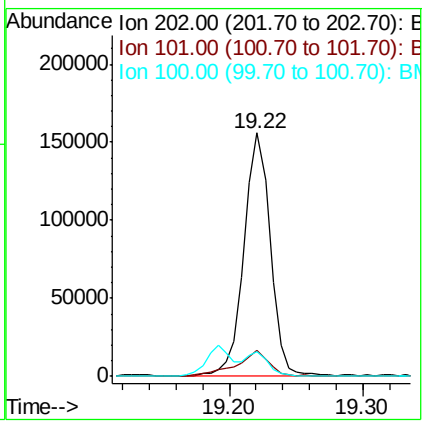


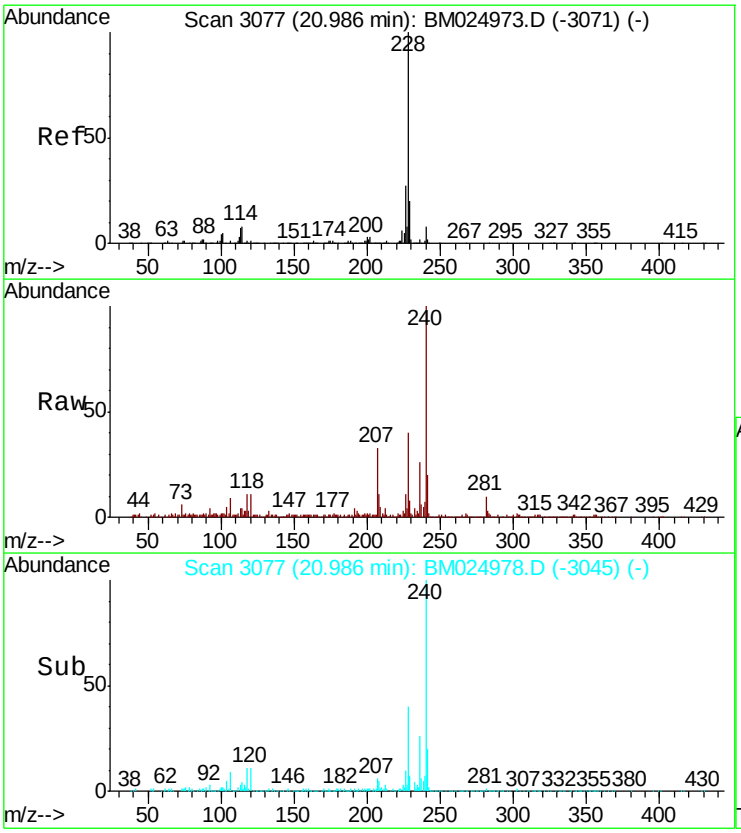
#80
Pyrene
Concen: 2.019 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Instrument :
BNA_M
ClientSampleId :
C5B02

Tgt Ion:202 Resp: 209953

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.0	10.4#
100	10.2	5.8	8.8#

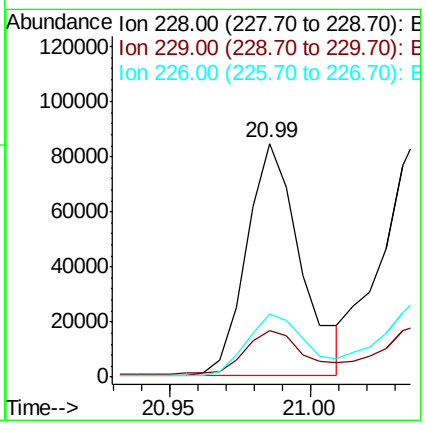


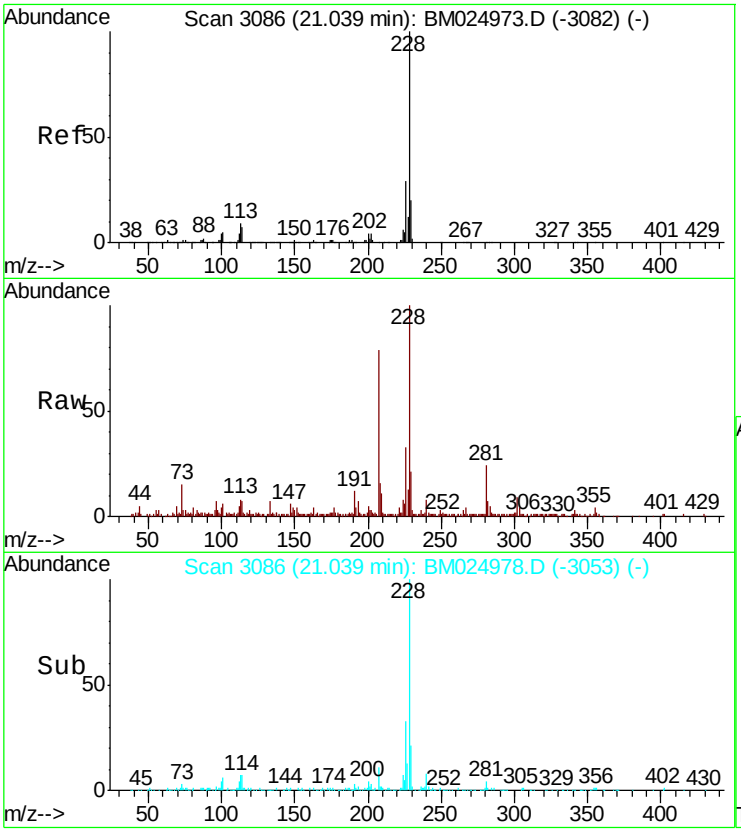


#83
Benzo(a)anthracene
Concen: 1.060 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Tgt Ion:228 Resp: 112193

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	26.9	20.8	31.2



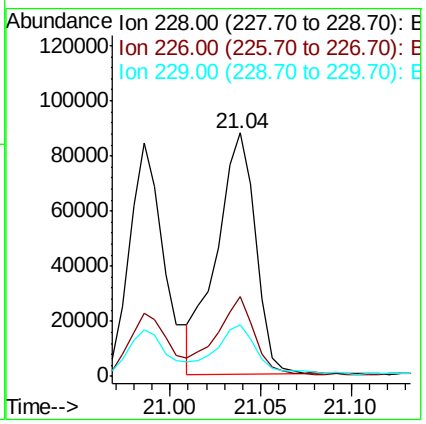


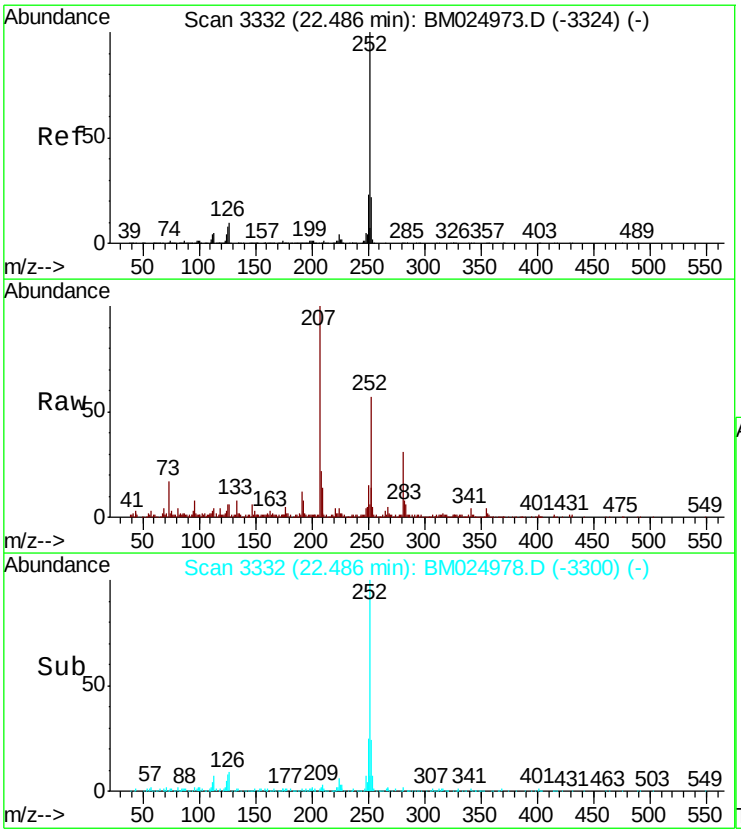
#85
Chrysene
Concen: 1.261 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Instrument :
BNA_M
ClientSampleId :
C5B02

Tgt Ion:228 Resp: 131419

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.0	34.4
229	21.1	15.8	23.8

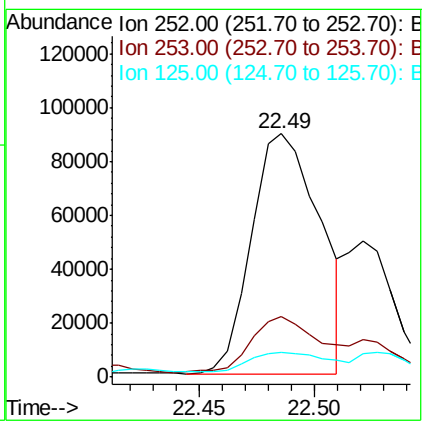


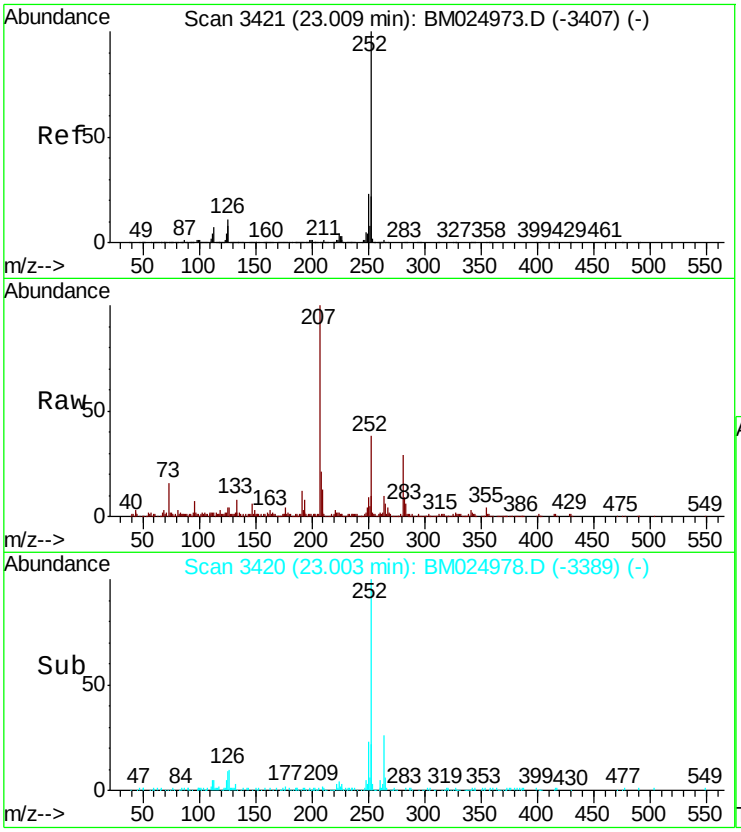


#88
Benzo(b)fluoranthene
Concen: 1.732 ng/ul
RT: 22.49 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Tgt Ion:252 Resp: 184081

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	10.1	5.1	7.7#





#91
Benzo(a)pyrene
Concen: 1.149 ng/ul
RT: 23.00 min Scan# 3420
Delta R.T. -0.02 min
Lab File: BM024978.D
Acq: 20 Feb 2020 12:14

Instrument :
BNA_M
ClientSampleId :
C5B02

Tgt Ion:252 Resp: 109456

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3#
125	11.2	5.6	8.4#