Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024800.D
Acq On : 08 Feb 2020 15:38
Operator : CG/JU
Sample : L1400-19
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 10 00:13:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	316079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1242874	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	814184	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1758507	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1661451	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1718572	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24002	3.65	ng/uL	0.00
5) Phenol-d5	6.60	99	388506	18.50	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	254608	21.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	364751	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	341649	19.28	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	187506	20.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	221024	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	383048	17.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	490031	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1327419	21.60	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1395808	19.45	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	165535	16.58	ng/ul	0.00
58) Fluorene-d10	15.06	176	1088328	20.00	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	184701	16.11	ng/ul	0.00
71) Anthracene-d10	16.91	188	1560050	19.43	ng/ul	0.00
79) Pyrene-d10	19.22	212	1634871	19.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1606872	18.62	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	331028	3.452	ng/ul	100
77) Fluoranthene	18.88	202	570427	4.846	ng/ul	99
80) Pyrene	19.24	202	450249	4.094	ng/ul	99
83) Benzo(a)anthracene	21.01	228	275627	2.463	ng/ul	98
85) Chrysene	21.06	228	265131	2.406	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	363540	3.327	ng/ul#	94
91) Benzo(a)pyrene	23.03	252	180242	1.840	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.17	276	150865	1.237	ng/ul	97
94) Benzo(g,h,i)perylene	25.79	276	105281	1.038	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
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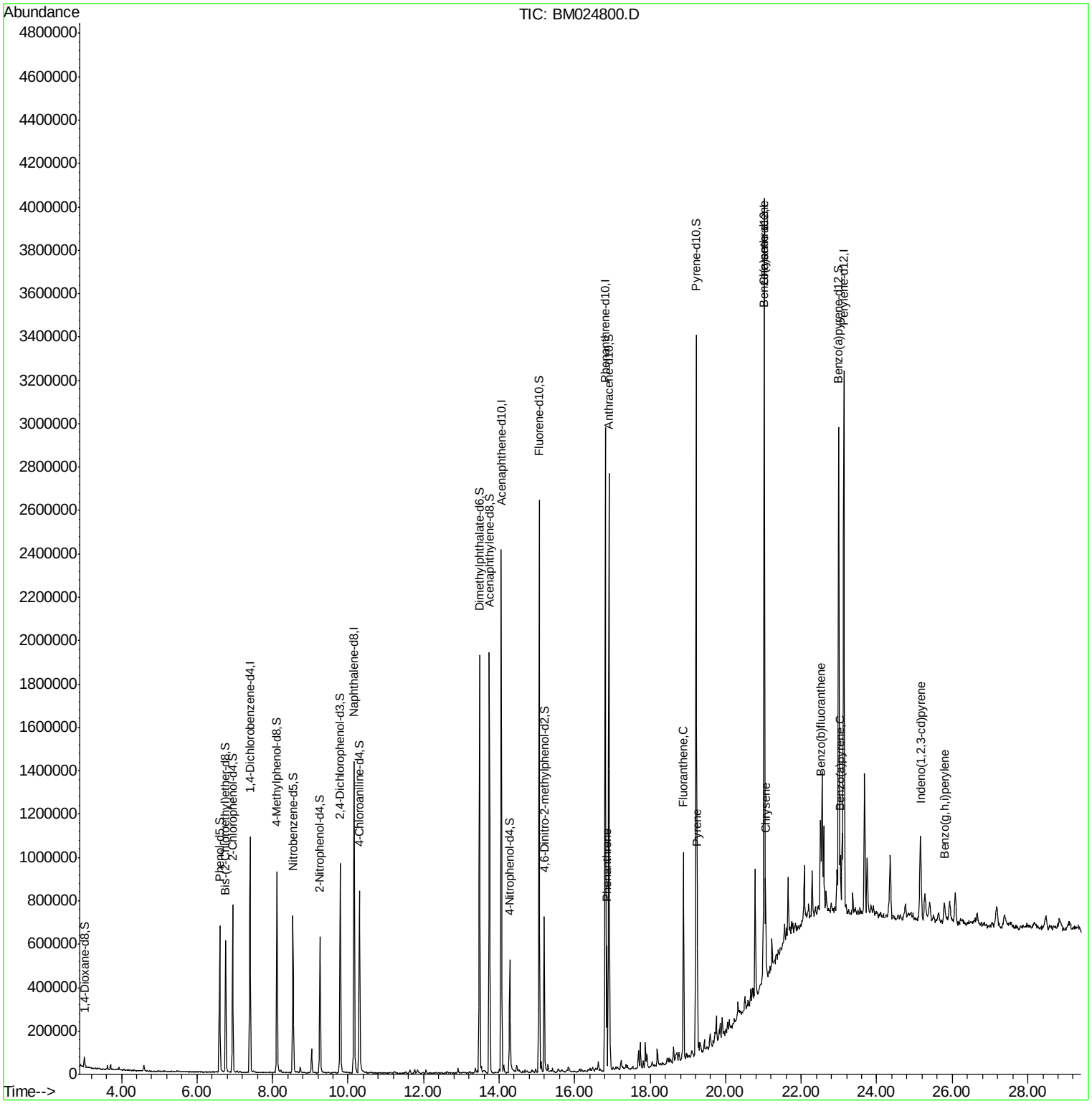
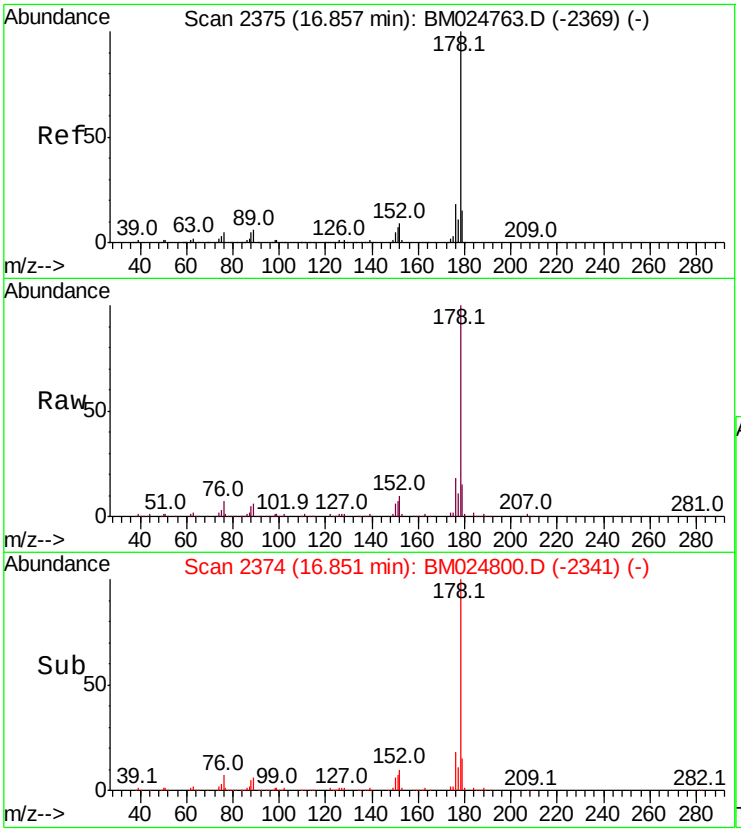


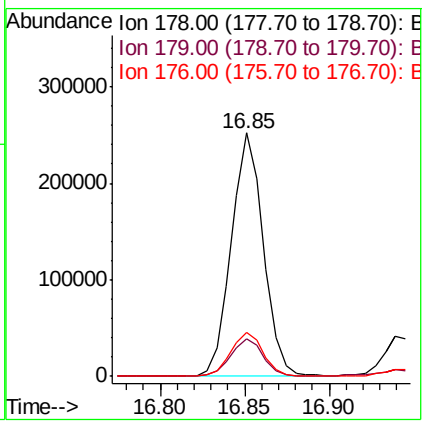


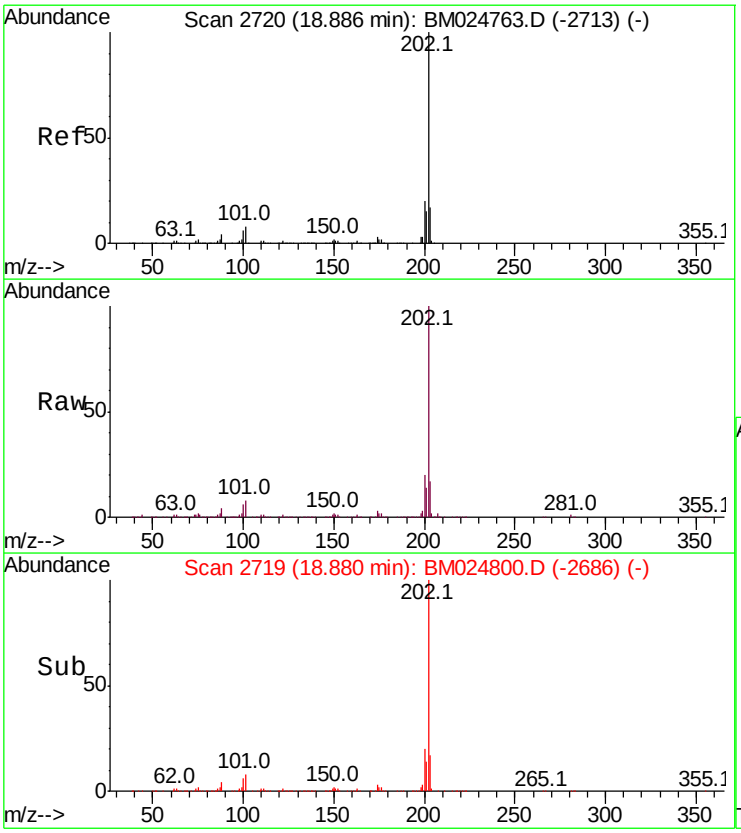
#70
Phenanthrene
Concen: 3.452 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 331028

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.1	14.5	21.7

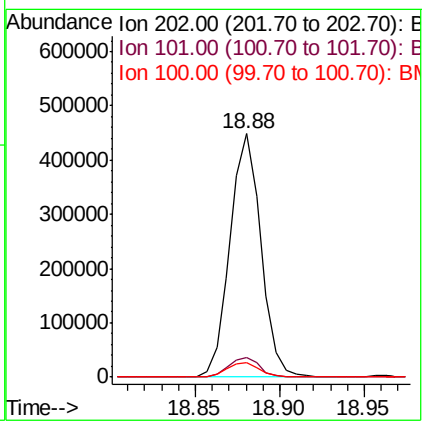


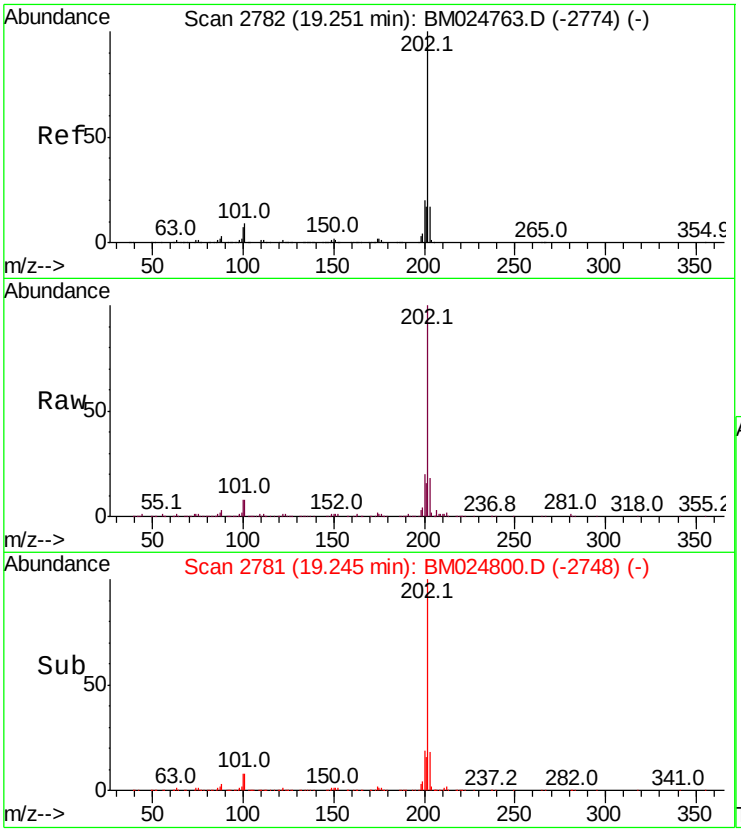


#77
Fluoranthene
Concen: 4.846 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Tgt Ion:202 Resp: 570427

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.1	9.1
100	5.8	4.8	7.2



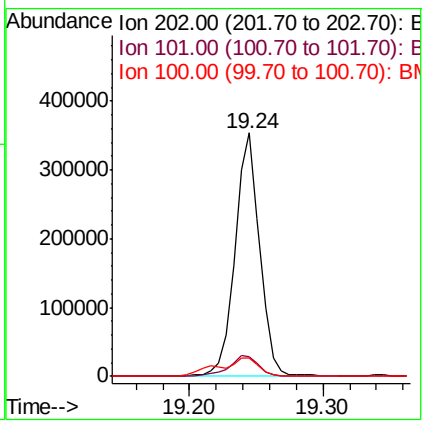


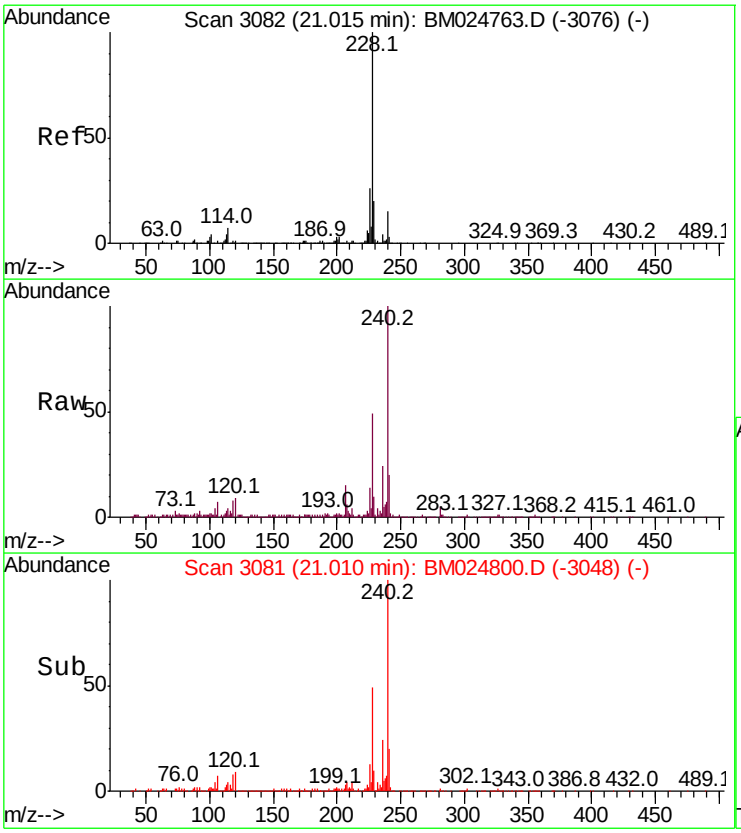
#80
Pyrene
Concen: 4.094 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 450249

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
100	7.5	5.8	8.8

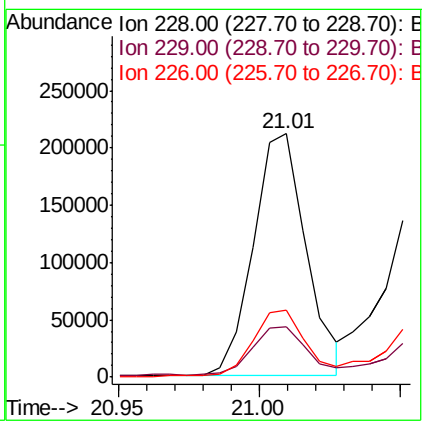


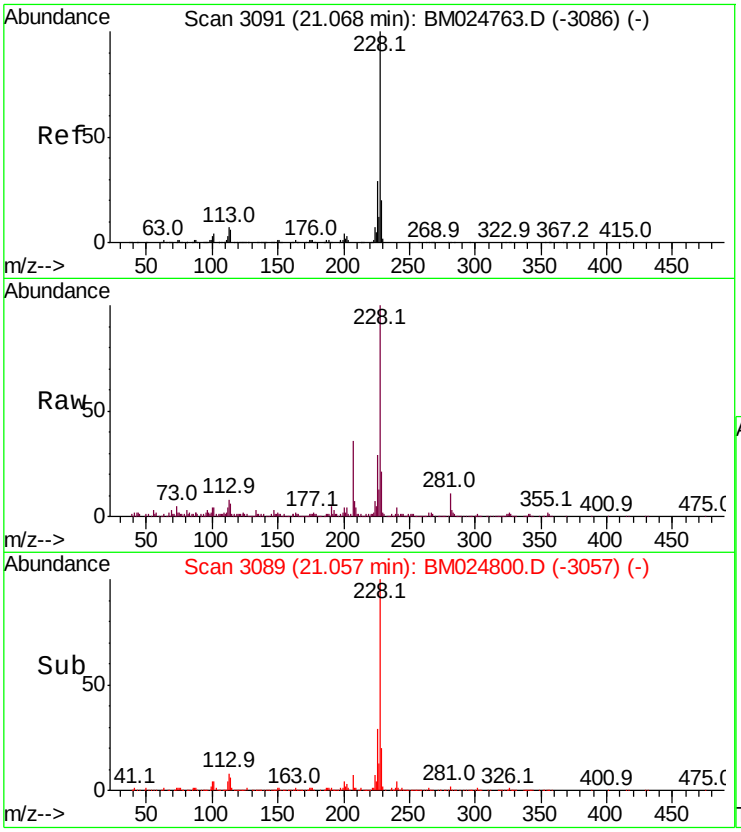


#83
Benzo(a)anthracene
Concen: 2.463 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Tgt Ion:228 Resp: 275627

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.6	20.8	31.2



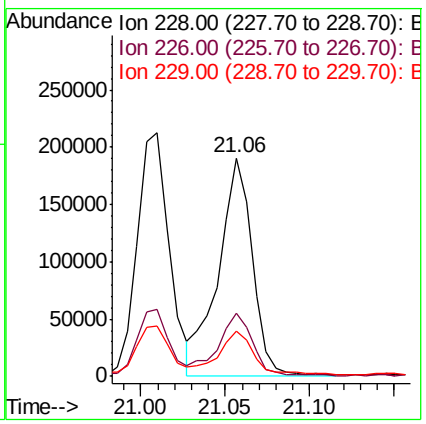


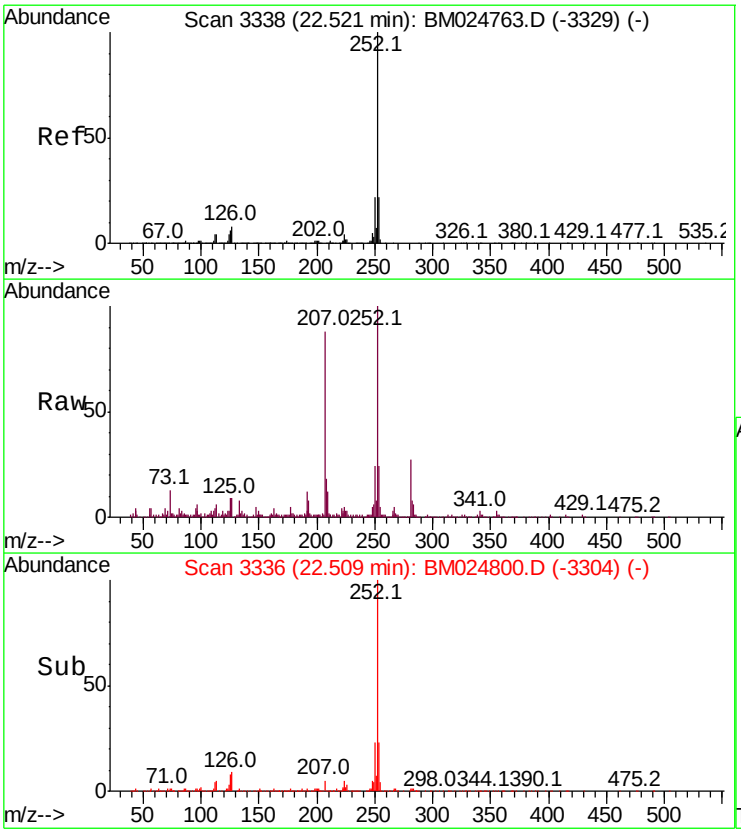
#85
Chrysene
Concen: 2.406 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 265131

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.9	15.8	23.8

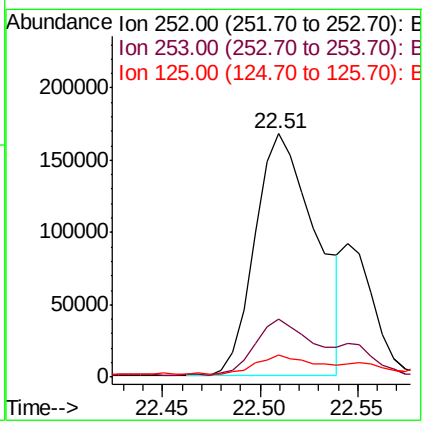


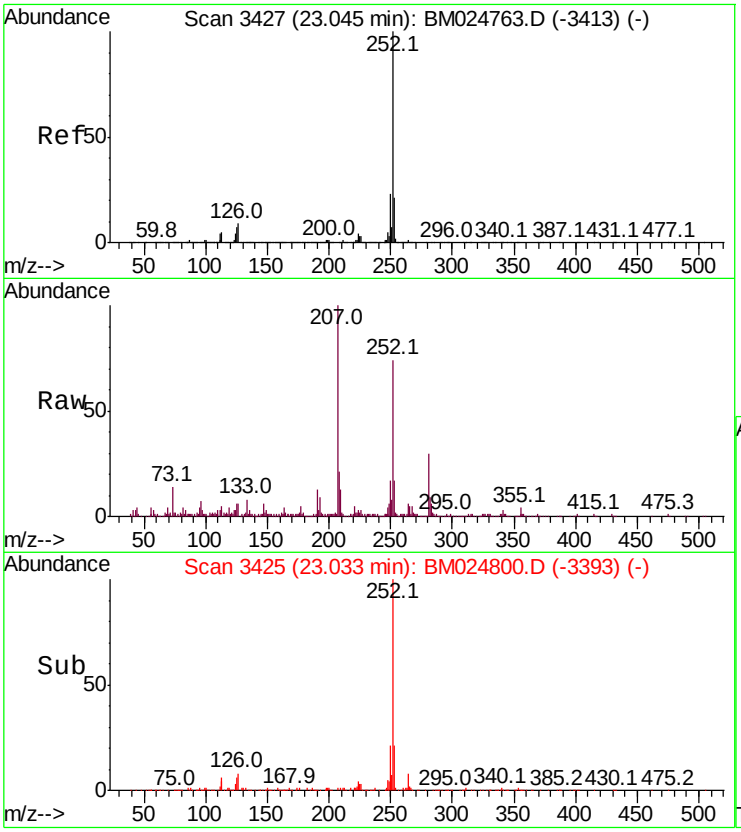


#88
Benzo(b)fluoranthene
Concen: 3.327 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Tgt Ion:252 Resp: 363540

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	9.1	5.1	7.7#



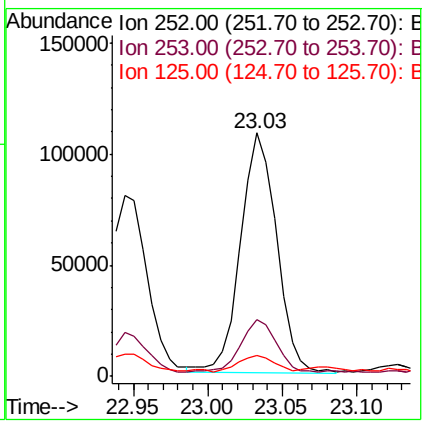


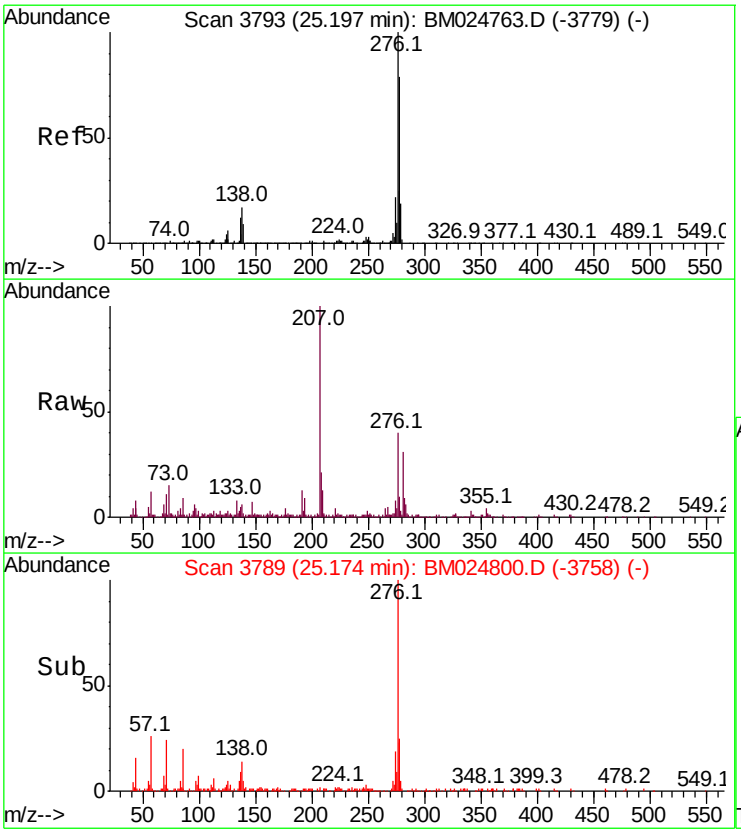
#91
Benzo(a)pyrene
Concen: 1.840 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 180242

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	8.6	5.6	8.4#

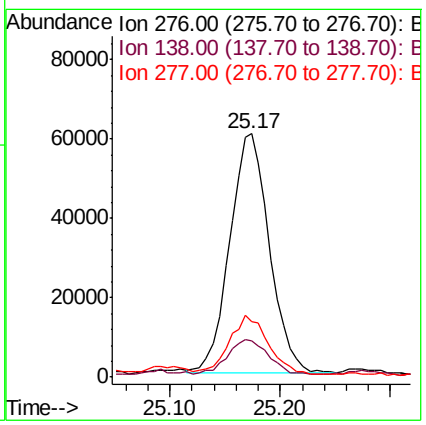


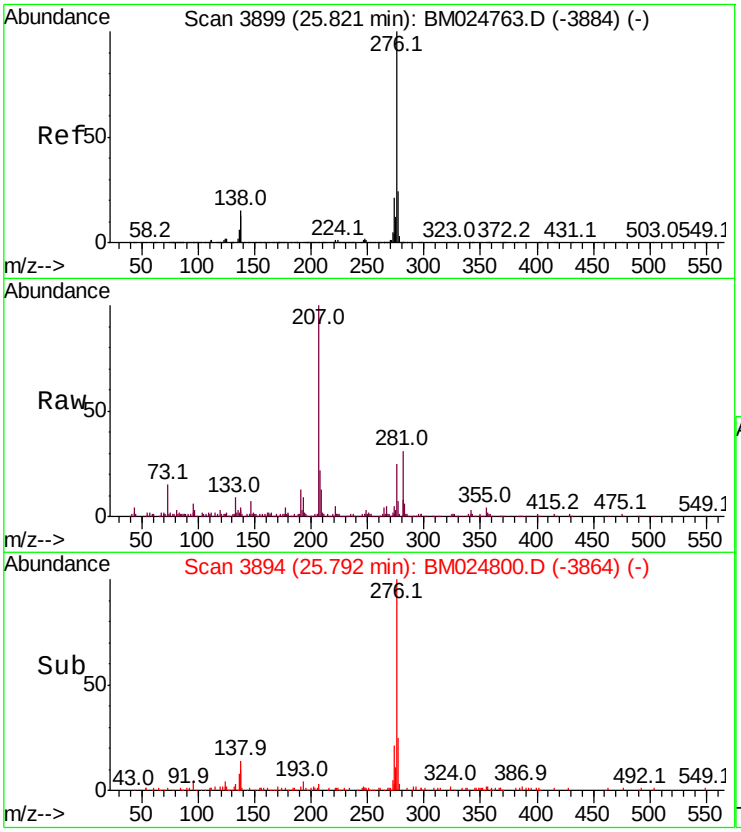


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.237 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Tgt Ion:276 Resp: 150865

Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.8	19.2
277	23.0	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 1.038 ng/ul
RT: 25.79 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM024800.D
Acq: 08 Feb 2020 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 105281

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.8	17.6
277	26.2	19.0	28.6