Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024161.D
Acq On : 18 Dec 2019 20:24
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 02:42:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	363599	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1668041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1103474	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2388264	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1948212	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1795851	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	23026	2.80	ng/uL	0.00
5) Phenol-d5	6.65	99	499480	14.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	336883	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	402995	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	408772	14.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	199269	16.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	214890	16.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	409069	15.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	503232	16.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1416613	17.36	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1682769	17.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	105909	7.23	ng/ul	0.01
58) Fluorene-d10	15.11	176	1268322	17.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	119456	8.20	ng/ul	0.00
71) Anthracene-d10	16.96	188	1922337	17.69	ng/ul	0.00
79) Pyrene-d10	19.27	212	2133622	22.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1720483	19.29	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.58	163	259281	3.057	ng/ul	99
70) Phenanthrene	16.91	178	151551	1.133	ng/ul	97
77) Fluoranthene	18.94	202	360189	2.472	ng/ul	97
80) Pyrene	19.30	202	295460	2.323	ng/ul	98
83) Benzo(a)anthracene	21.06	228	135468	1.091	ng/ul	98
85) Chrysene	21.12	228	140163	1.152	ng/ul	98
88) Benzo(b)fluoranthene	22.59	252	173062	1.611	ng/ul#	95
89) Benzo(k)fluoranthene	22.59	252	173062	1.641	ng/ul#	96
91) Benzo(a)pyrene	23.11	252	111668	1.149	ng/ul#	92

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

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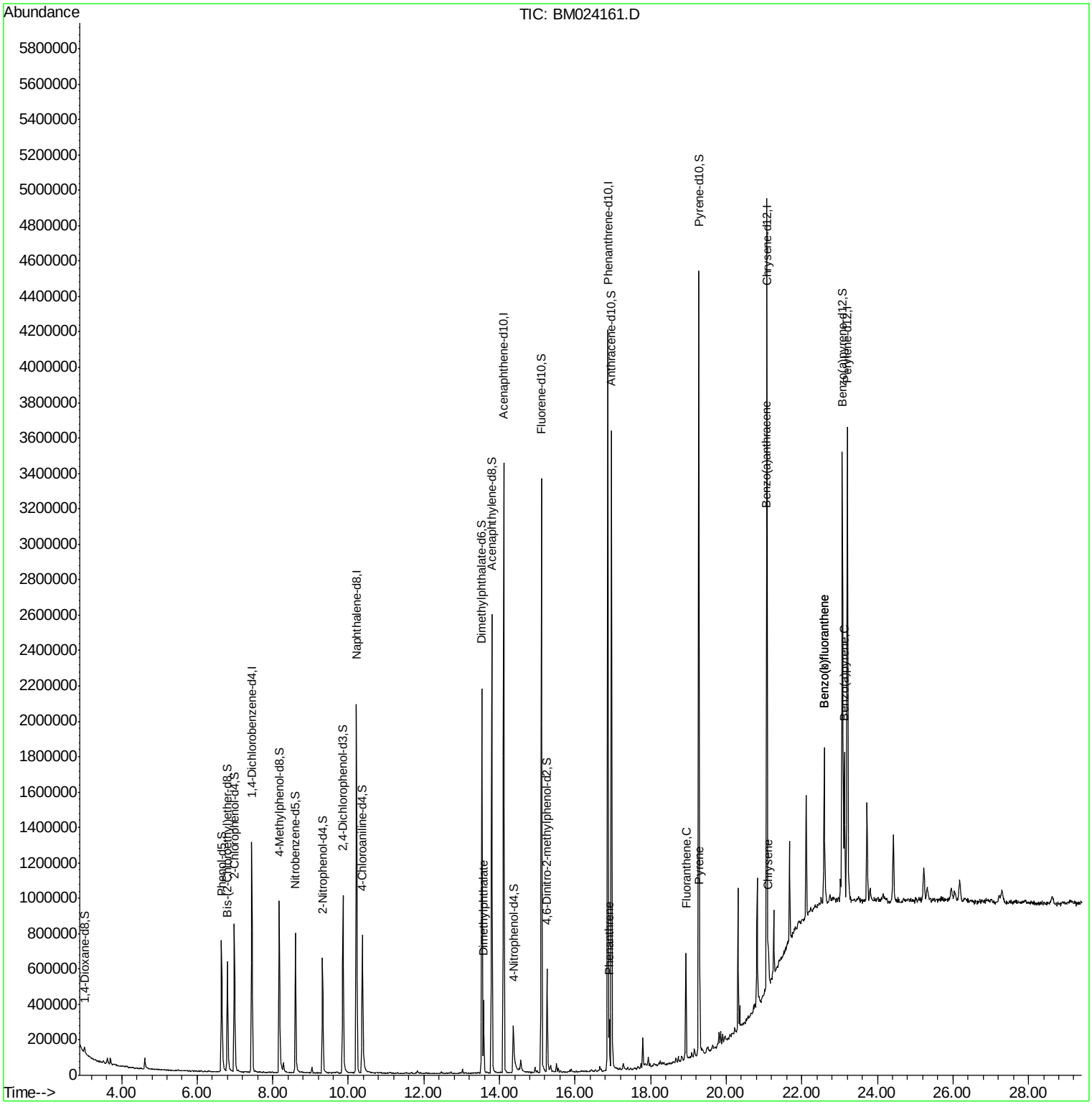
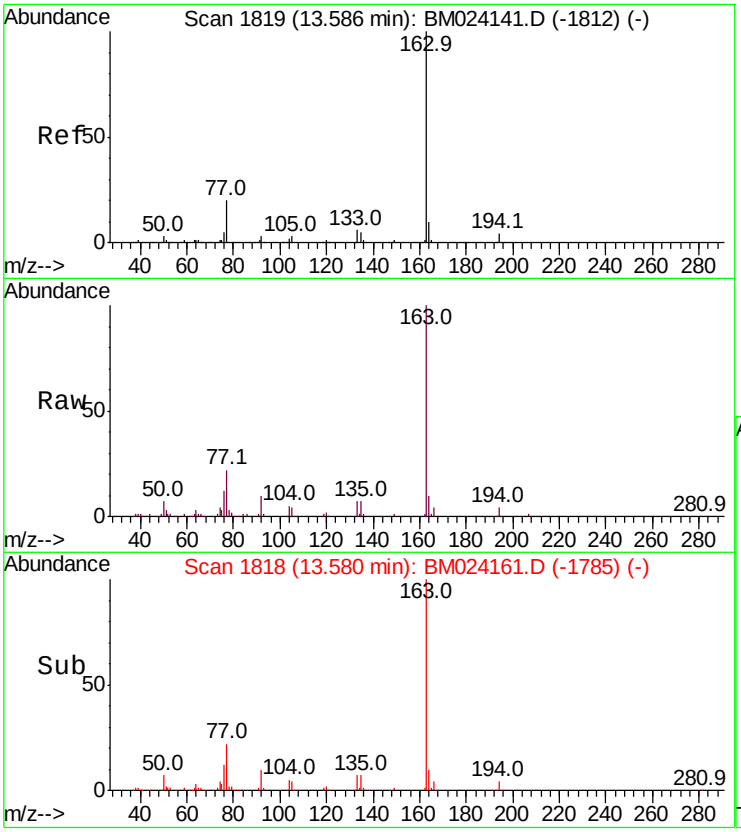


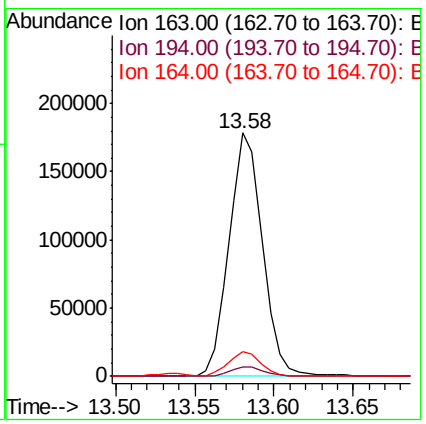


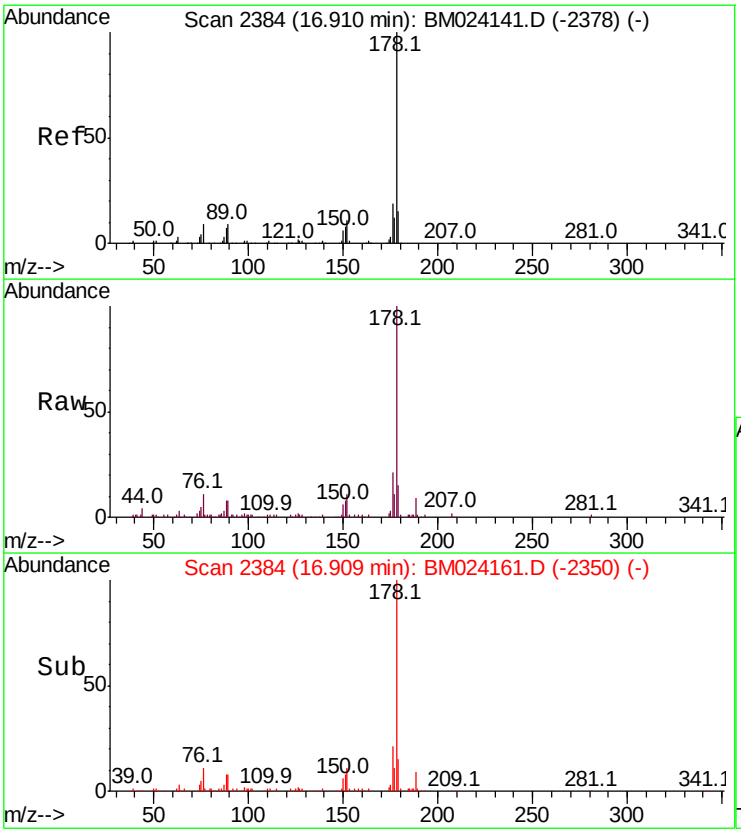
#45
Dimethylphthalate
Concen: 3.057 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 259281

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	7.8	11.6

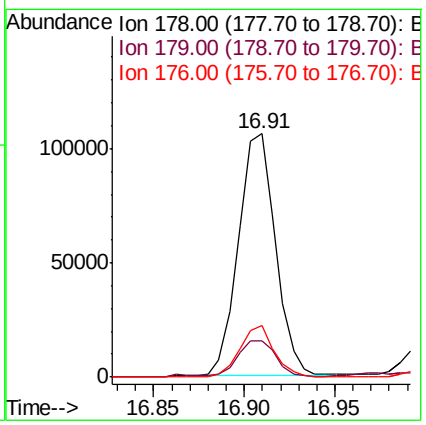


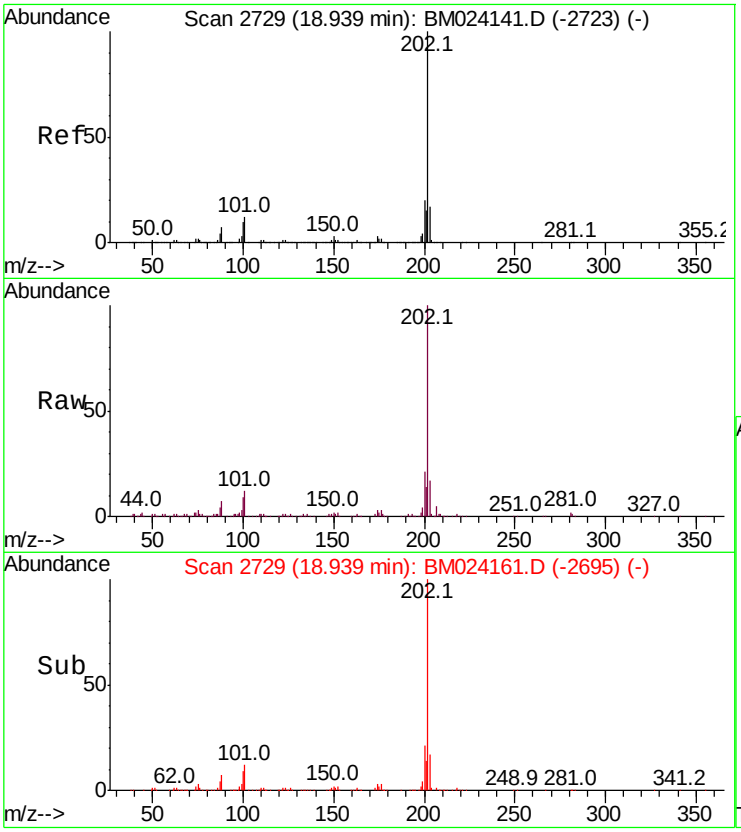


#70
Phenanthrene
Concen: 1.133 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Tgt Ion:178 Resp: 151551

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	21.0	15.1	22.7



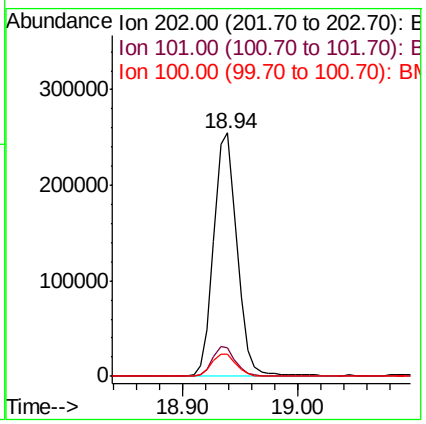


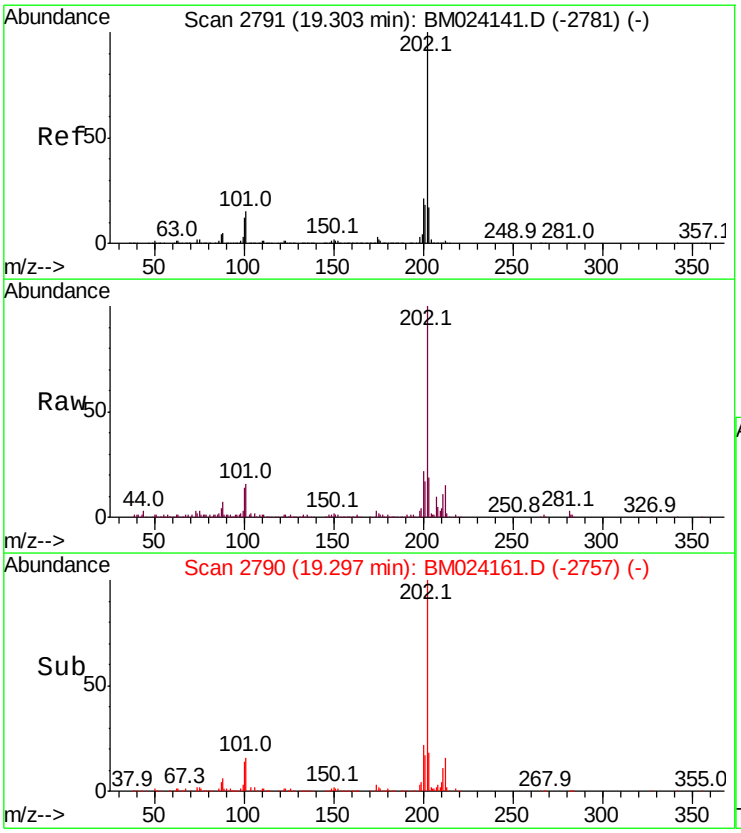
#77
Fluoranthene
Concen: 2.472 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 360189

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	15.8
100	9.0	8.1	12.1

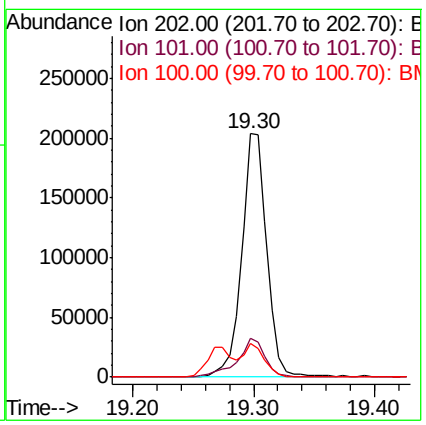


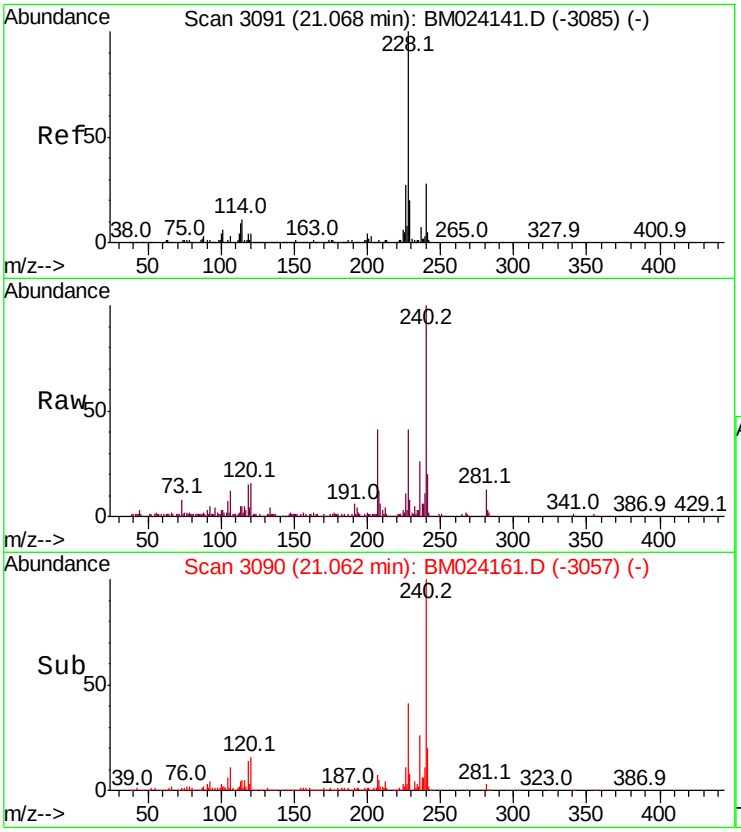


#80
Pyrene
Concen: 2.323 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Tgt Ion:202 Resp: 295460

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.2	18.4
100	13.6	10.0	15.0



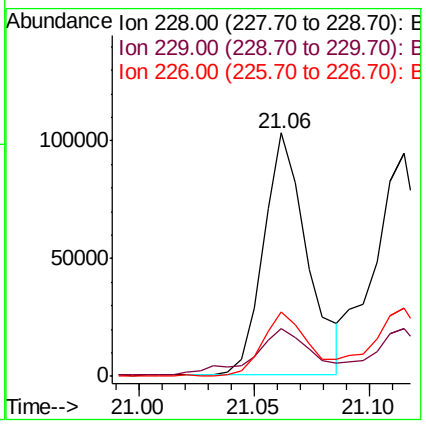


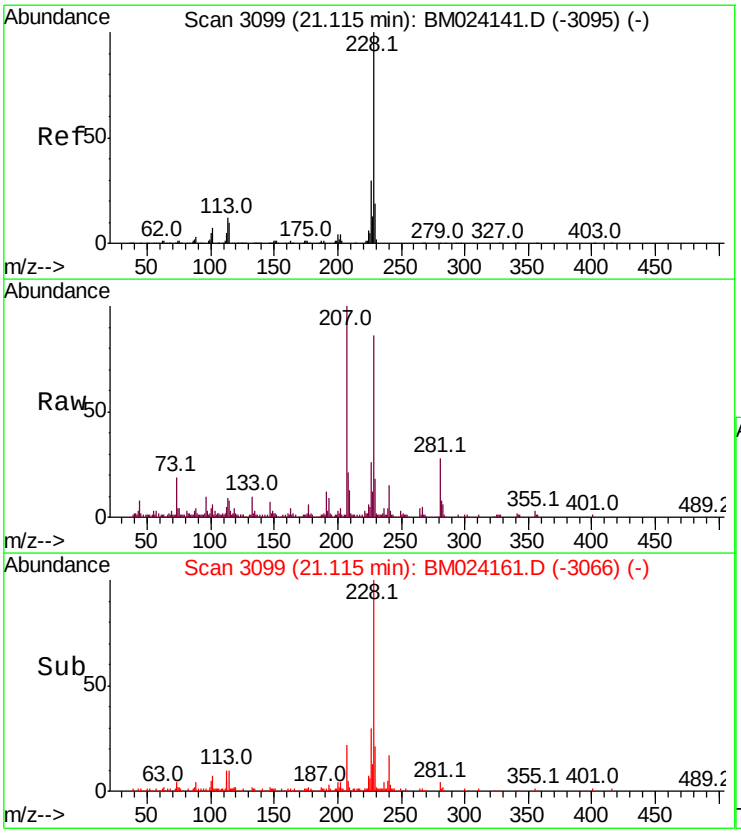
#83
Benzo(a)anthracene
Concen: 1.091 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 135468

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	26.5	22.2	33.2

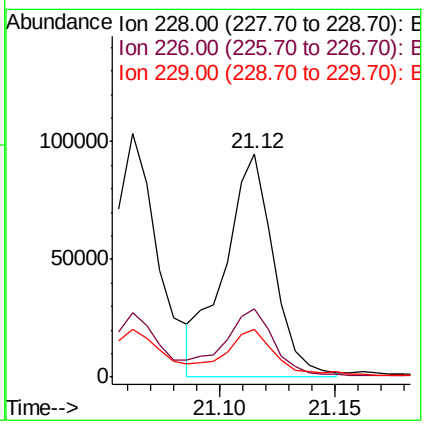


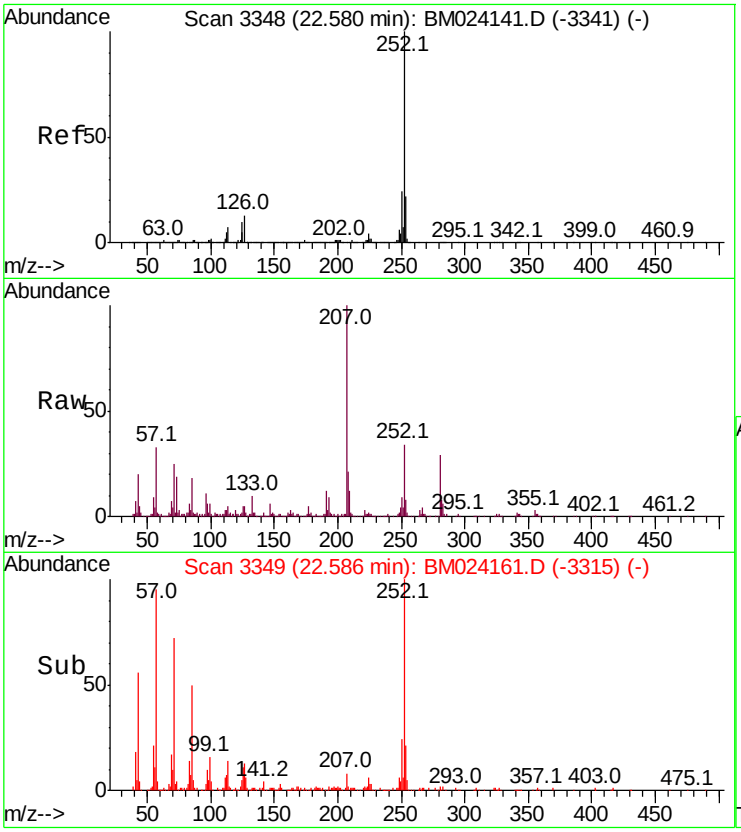


#85
Chrysene
Concen: 1.152 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Tgt Ion:228 Resp: 140163

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.4	15.4	23.2



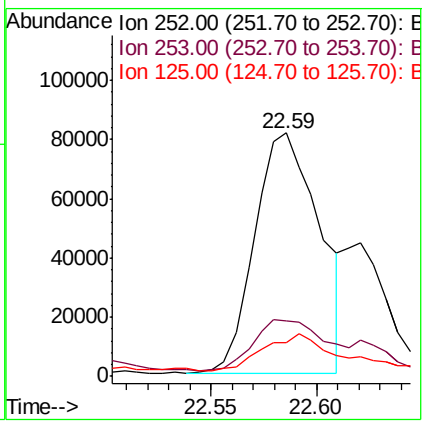


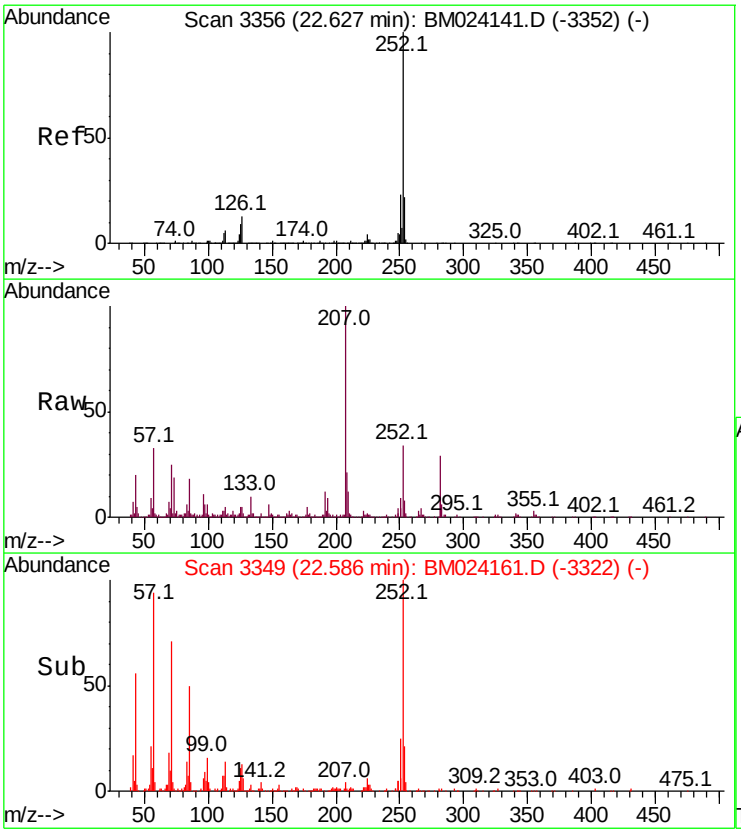
#88
Benzo(b)fluoranthene
Concen: 1.611 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 173062

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.6	7.8	11.8#

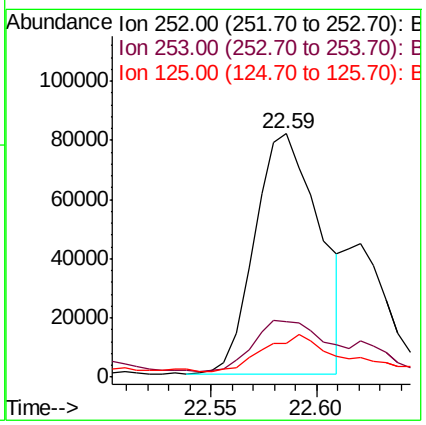


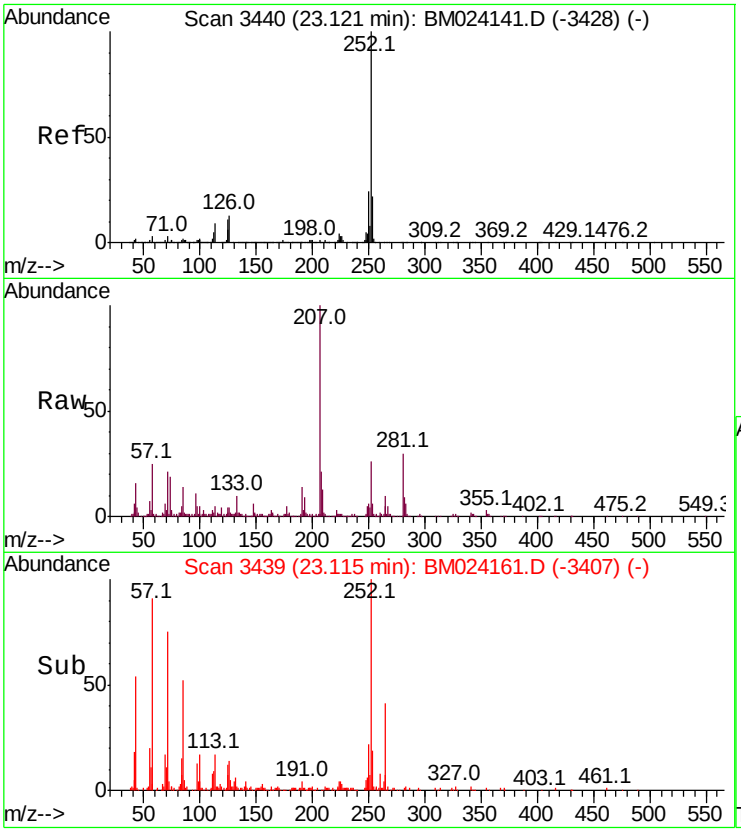


#89
Benzo(k)fluoranthene
Concen: 1.641 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Tgt Ion:252 Resp: 173062

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	13.6	7.9	11.9#





#91
Benzo(a)pyrene
Concen: 1.149 ng/ul
RT: 23.11 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024161.D
Acq: 18 Dec 2019 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 111668

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	15.5	8.2	12.4#