Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\

Quantitation Report (Not Reviewed)

Data File : BM024379.D
Acq On : 30 Dec 2019 18:45
Operator : JU
Sample : K6322-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BT7

Quant Time: Dec 31 03:15:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	201631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	815516	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	460891	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	935106	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	904125	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1099421	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	259	0.06	ng/uL	-0.01
5) Phenol-d5	6.62	99	170514	8.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	122383	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	140861	10.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	76128	4.88	ng/ul	0.01
19) Nitrobenzene-d5	8.57	128	58832	10.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	63119	9.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	110633	8.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	107593	7.07	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	403182	11.83	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	456729	11.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	21990	3.59	ng/ul	0.05
58) Fluorene-d10	15.08	176	353753	11.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	24254	4.25	ng/ul	0.01
71) Anthracene-d10	16.93	188	507110	11.92	ng/ul	0.00
79) Pyrene-d10	19.24	212	620865	14.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	746908	13.68	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.55	163	66300	1.872	ng/ul	99
70) Phenanthrene	16.87	178	151384	2.892	ng/ul	98
77) Fluoranthene	18.90	202	317281	5.561	ng/ul	100
80) Pyrene	19.27	202	263780	4.469	ng/ul	97
83) Benzo(a)anthracene	21.03	228	119647	2.077	ng/ul	99
85) Chrysene	21.09	228	127770	2.263	ng/ul	97
88) Benzo(b)fluoranthene	22.55	252	171308	2.604	ng/ul#	93
89) Benzo(k)fluoranthene	22.55	252	171308	2.654	ng/ul#	94
91) Benzo(a)pyrene	23.08	252	115445	1.940	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.26	276	81418	1.139	ng/ul	96
94) Benzo(g,h,i)perylene	25.90	276	80199	1.375	ng/ul	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\

Quantitation Report (Not Reviewed)

Data File : BM024379.D
Acq On : 30 Dec 2019 18:45
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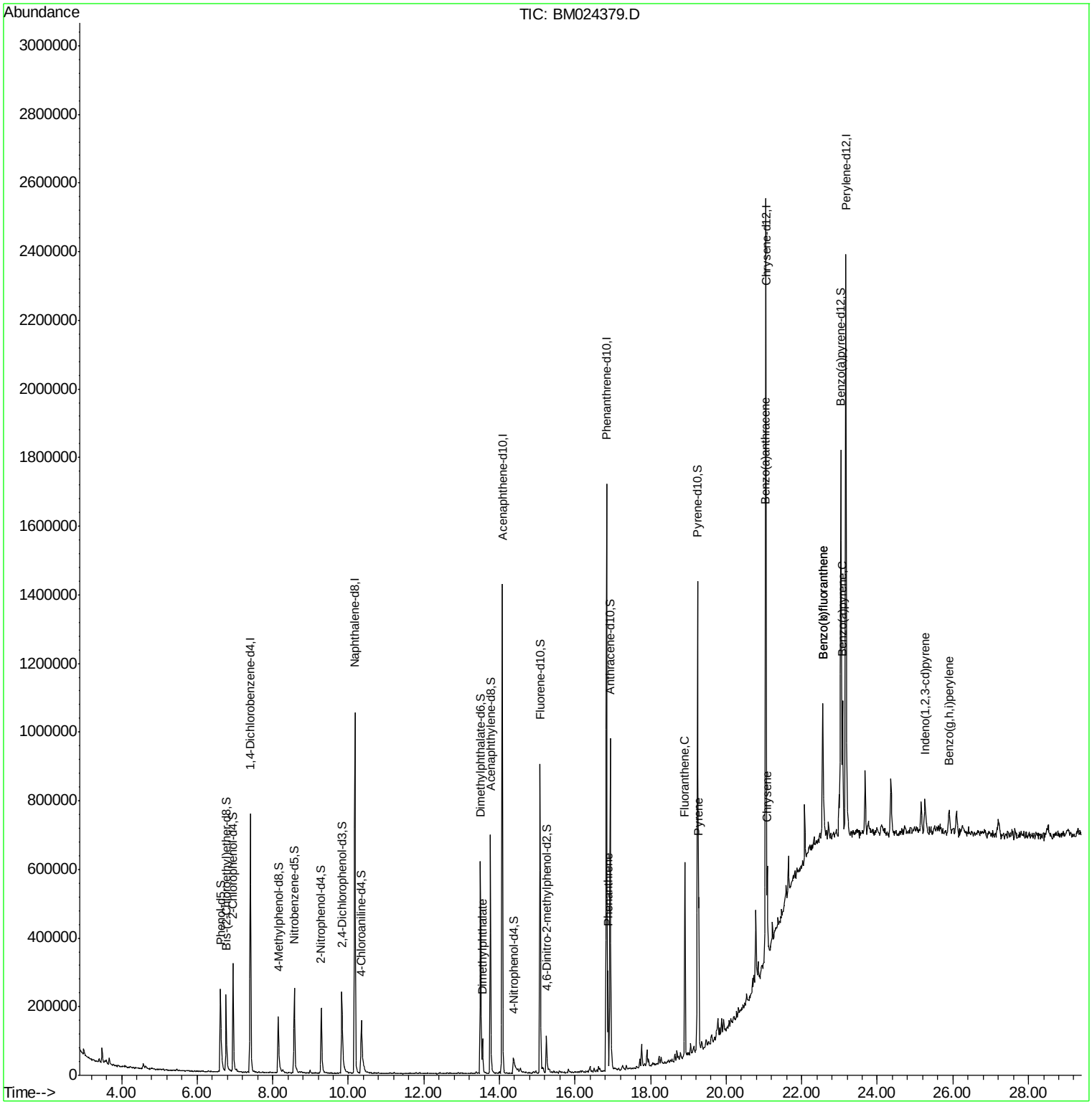
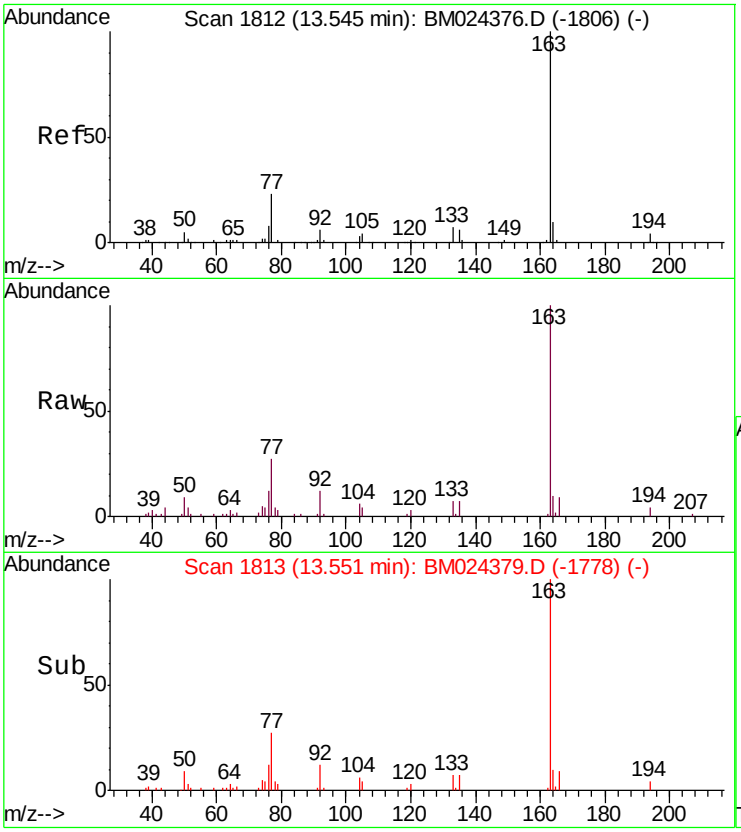
Sample : K6322-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BT7

Quant Time: Dec 31 03:15:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration



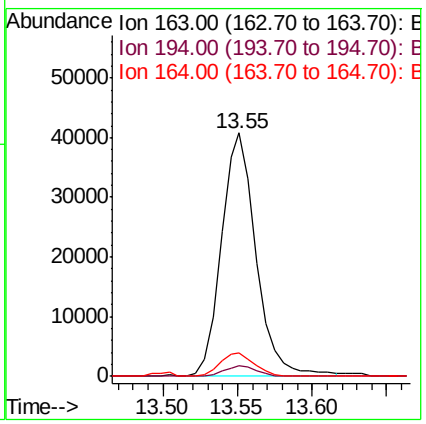


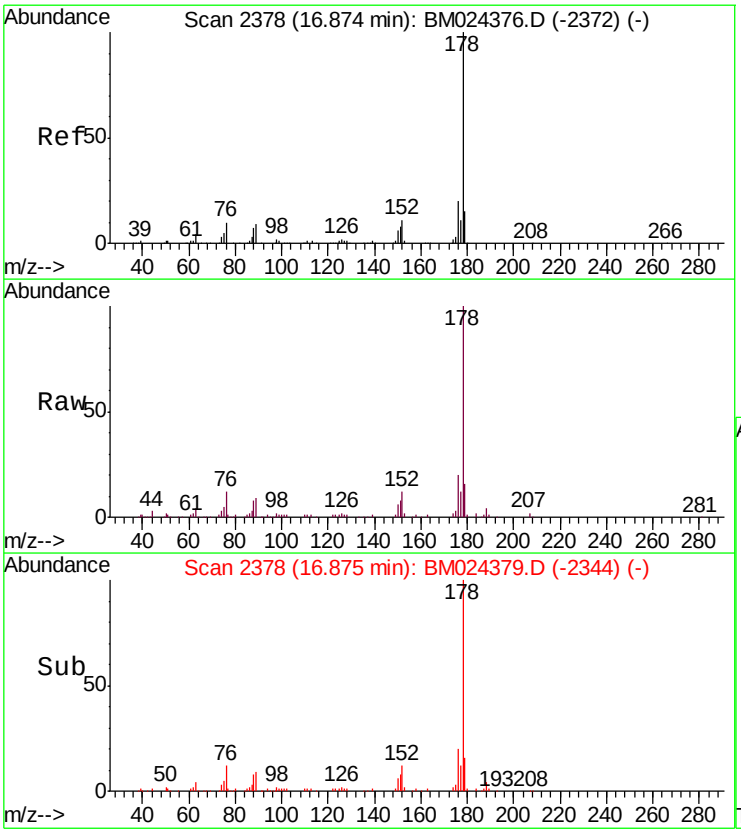
#45
Dimethylphthalate
Concen: 1.872 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:163 Resp: 66300

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	7.8	11.6

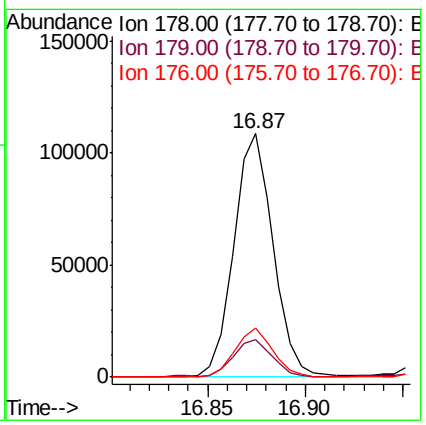


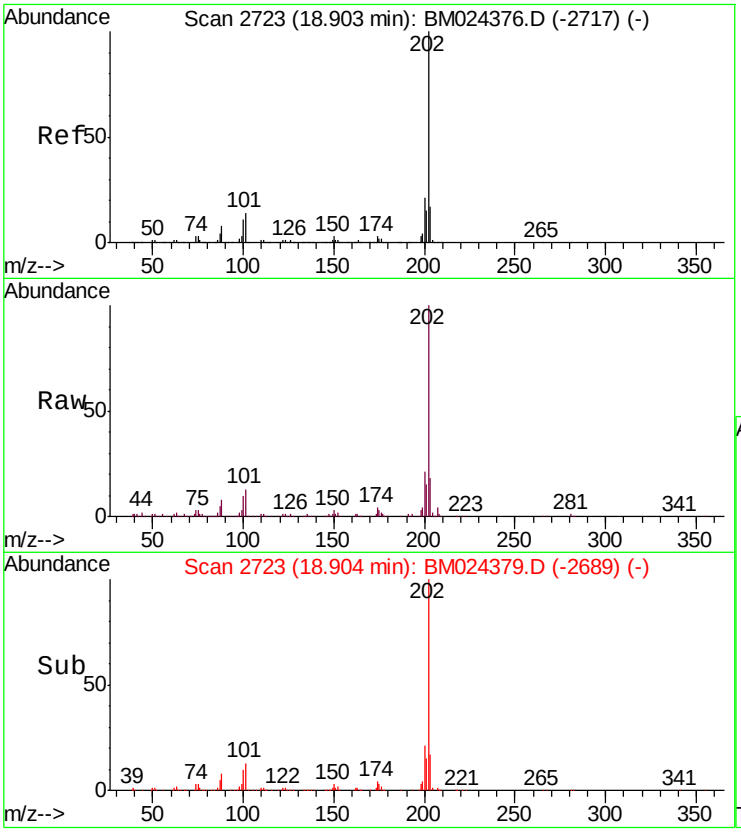


#70
Phenanthrene
Concen: 2.892 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion:178 Resp: 151384

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.0	15.1	22.7



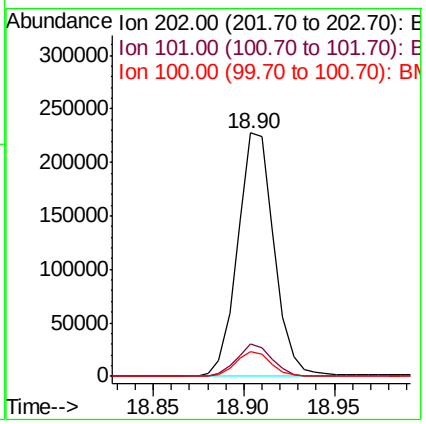


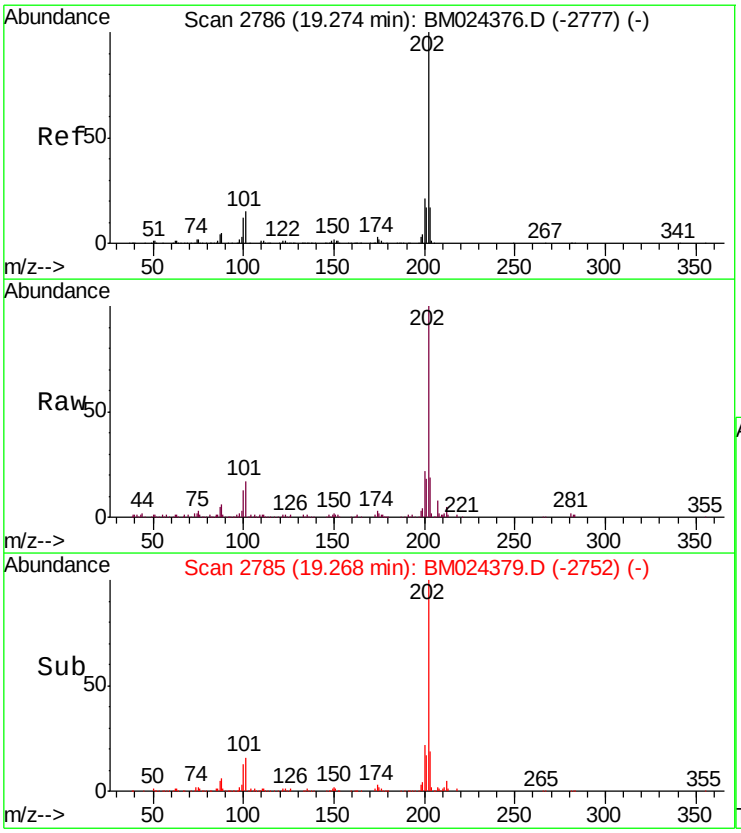
#77
Fluoranthene
Concen: 5.561 ng/ul
RT: 18.90 min Scan# 2723
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:202 Resp: 317281

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	15.8
100	10.3	8.1	12.1

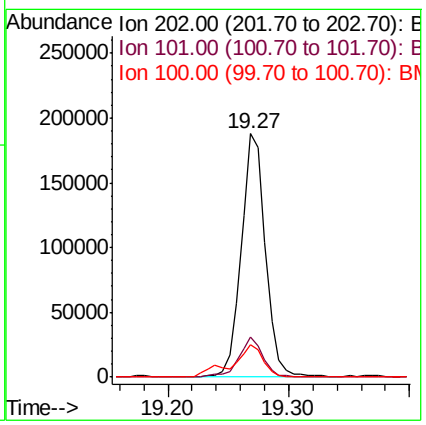


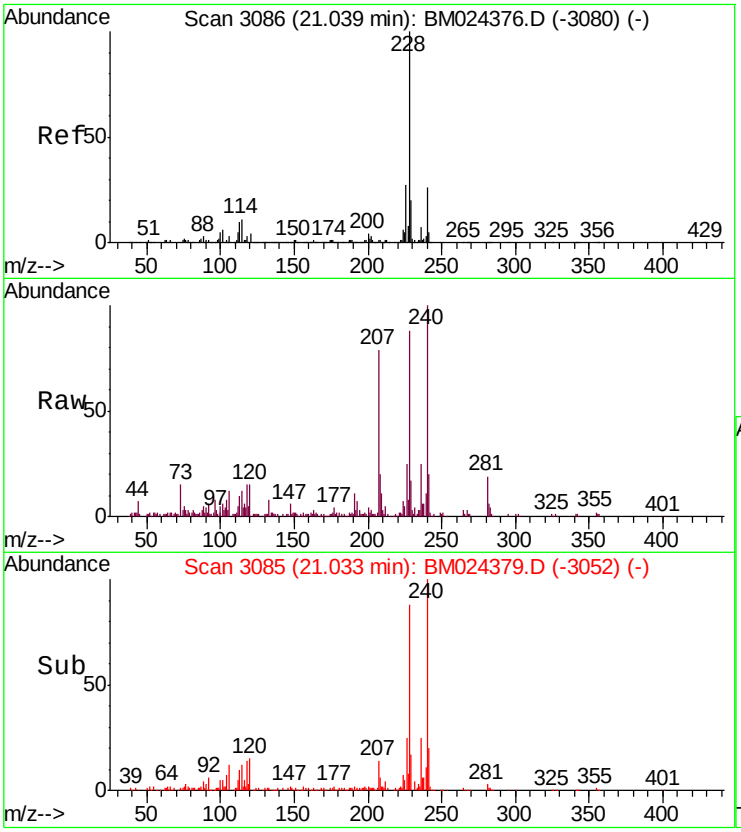


#80
Pyrene
Concen: 4.469 ng/ul
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion:202 Resp: 263780

Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.2	18.4
100	13.4	10.0	15.0



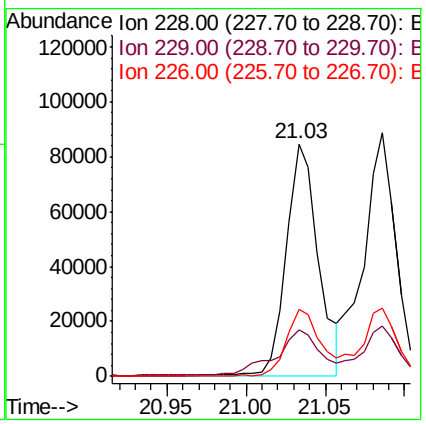


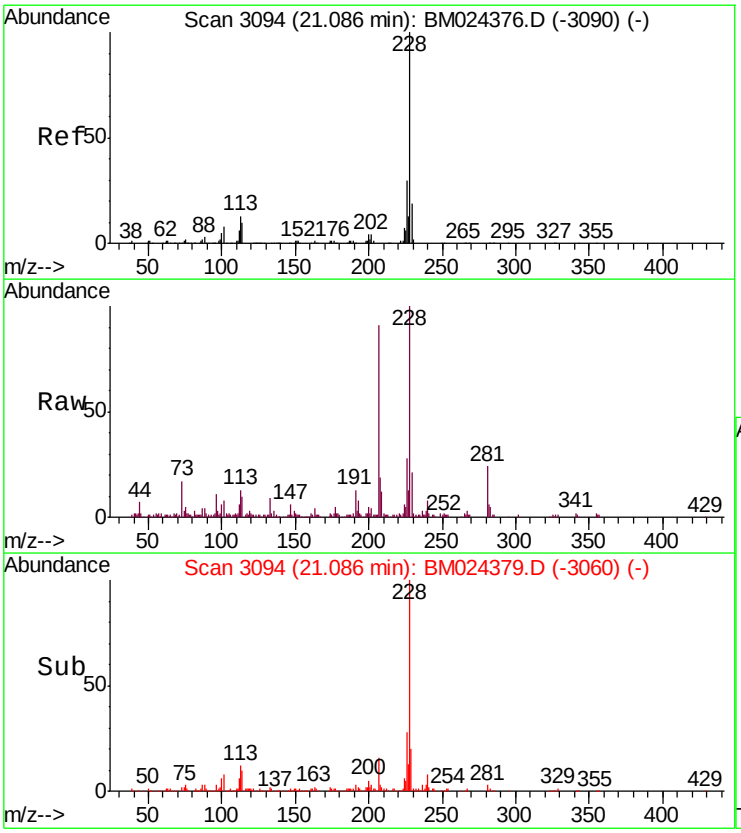
#83
Benzo(a)anthracene
Concen: 2.077 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:228 Resp: 119647

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	28.8	22.2	33.2

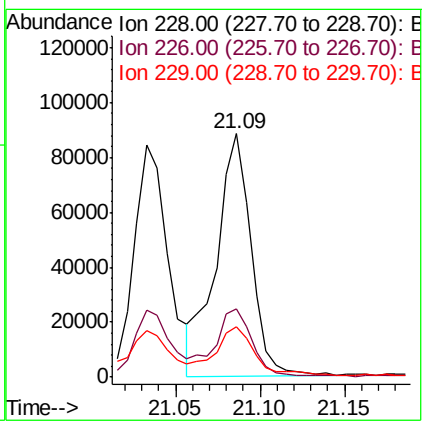


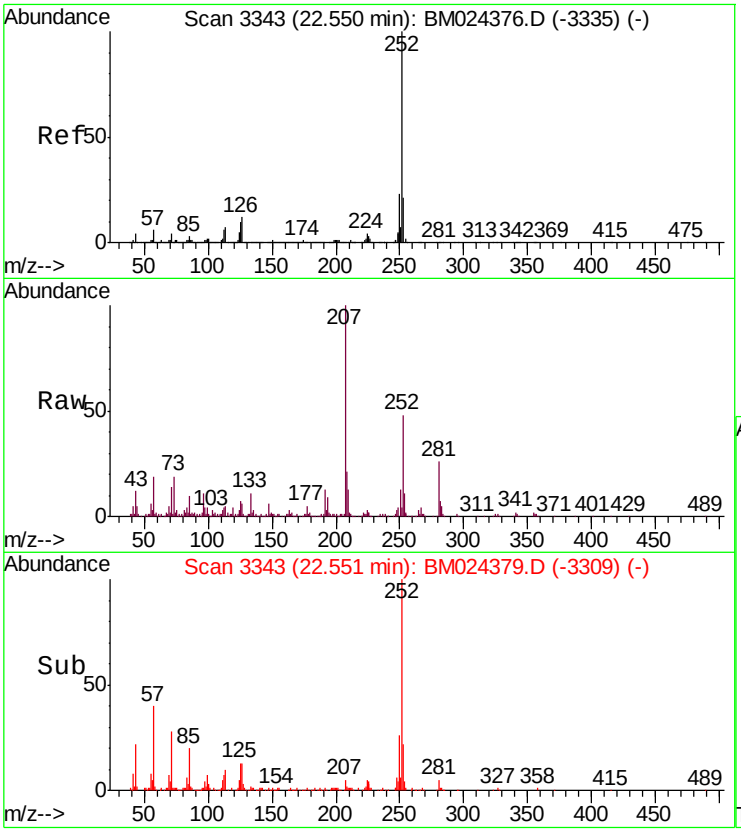


#85
Chrysene
Concen: 2.263 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion:228 Resp: 127770

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	20.5	15.4	23.2



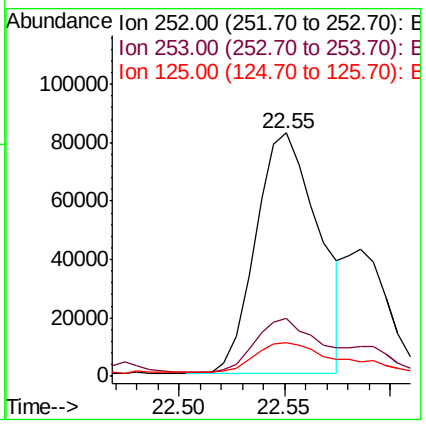


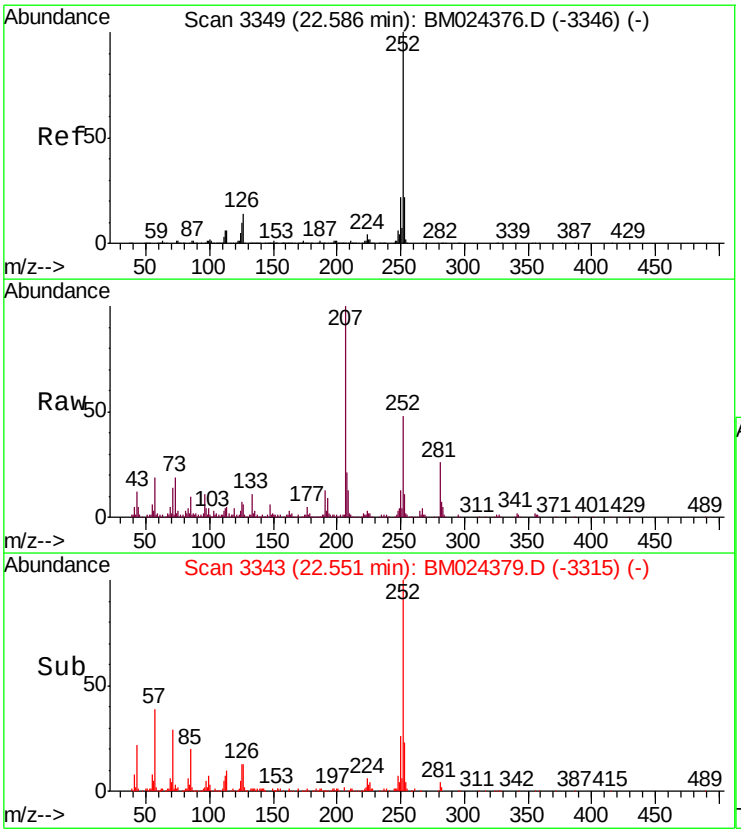
#88
Benzo(b)fluoranthene
Concen: 2.604 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:252 Resp: 171308

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.9	7.8	11.8#

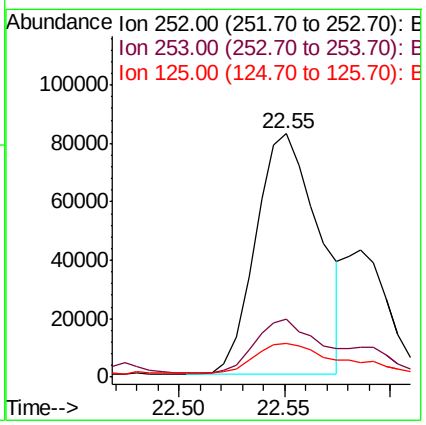


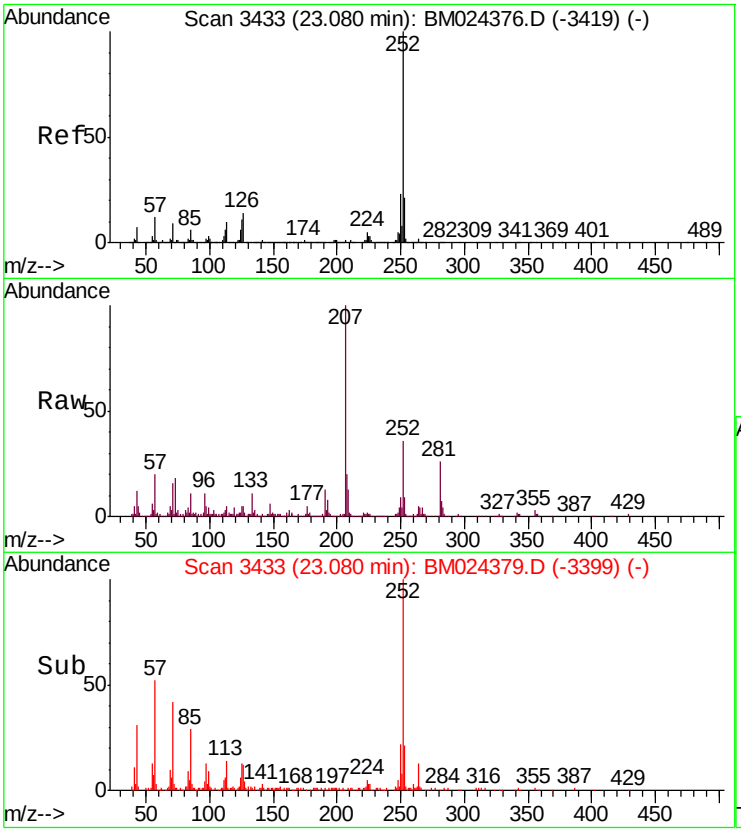


#89
Benzo(k)fluoranthene
Concen: 2.654 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. -0.03 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion:252 Resp: 171308

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	13.9	7.9	11.9#



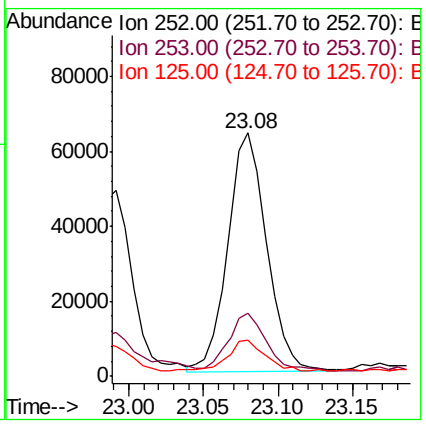


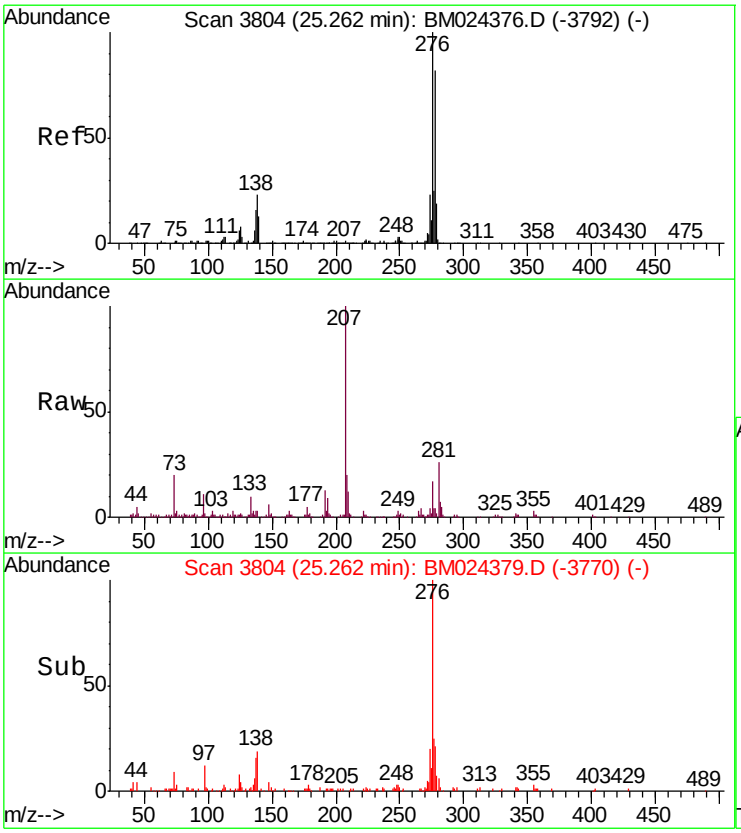
#91
Benzo(a)pyrene
Concen: 1.940 ng/ul
RT: 23.08 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:252 Resp: 115445

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	14.8	8.2	12.4#

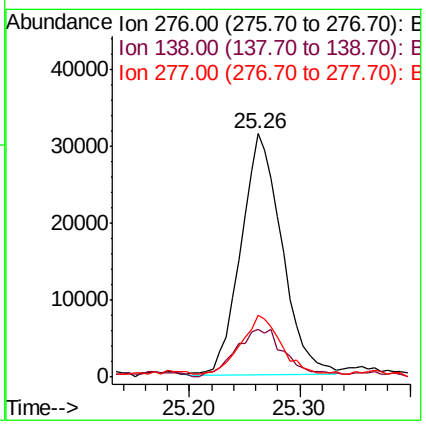


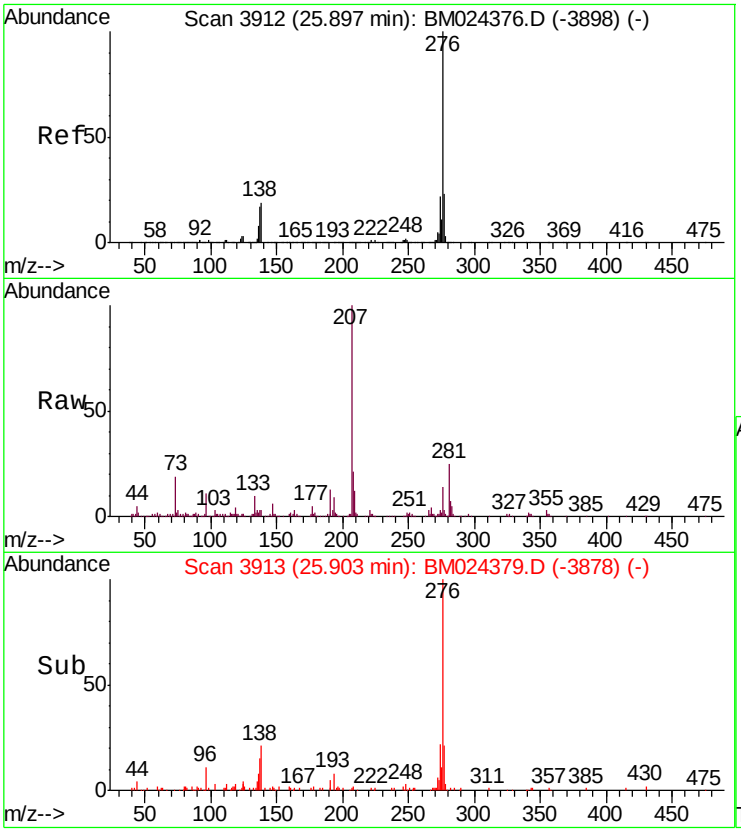


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.139 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion:276 Resp: 81418

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.3	27.5
277	25.6	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.375 ng/ul
RT: 25.90 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tgt Ion:276 Resp: 80199

Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.3	22.9
277	22.4	19.3	28.9