Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024079.D
Acq On : 13 Dec 2019 03:20
Operator : JU
Sample : K6089-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BR5

Quant Time: Dec 13 04:34:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	383435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1492528	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	831621	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1635703	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1584500	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1940475	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	29746	3.45	ng/uL	0.00
5) Phenol-d5	6.66	99	566349	16.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	368322	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	465704	17.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	393822	14.85	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	214438	18.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	232294	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	414534	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	473471	17.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1239091	19.18	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1484178	19.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	121532	11.19	ng/ul	0.00
58) Fluorene-d10	15.13	176	1052653	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	121819	11.86	ng/ul	0.00
71) Anthracene-d10	16.98	188	1551170	19.86	ng/ul	-0.01
79) Pyrene-d10	19.29	212	1735774	21.20	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2164162	21.10	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.69	94	119146	3.447	ng/ul	98
45) Dimethylphthalate	13.60	163	196968	3.114	ng/ul	100
77) Fluoranthene	18.96	202	154934	1.563	ng/ul#	97
80) Pyrene	19.32	202	156396	1.465	ng/ul	99
83) Benzo(a)anthracene	21.07	228	170902	1.614	ng/ul	97
85) Chrysene	21.13	228	221341	2.226	ng/ul	97
88) Benzo(b)fluoranthene	22.60	252	349001	2.908	ng/ul#	96
91) Benzo(a)pyrene	23.13	252	207103	1.825	ng/ul#	95
94) Benzo(g,h,i)perylene	25.98	276	122559	1.039	ng/ul	98

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

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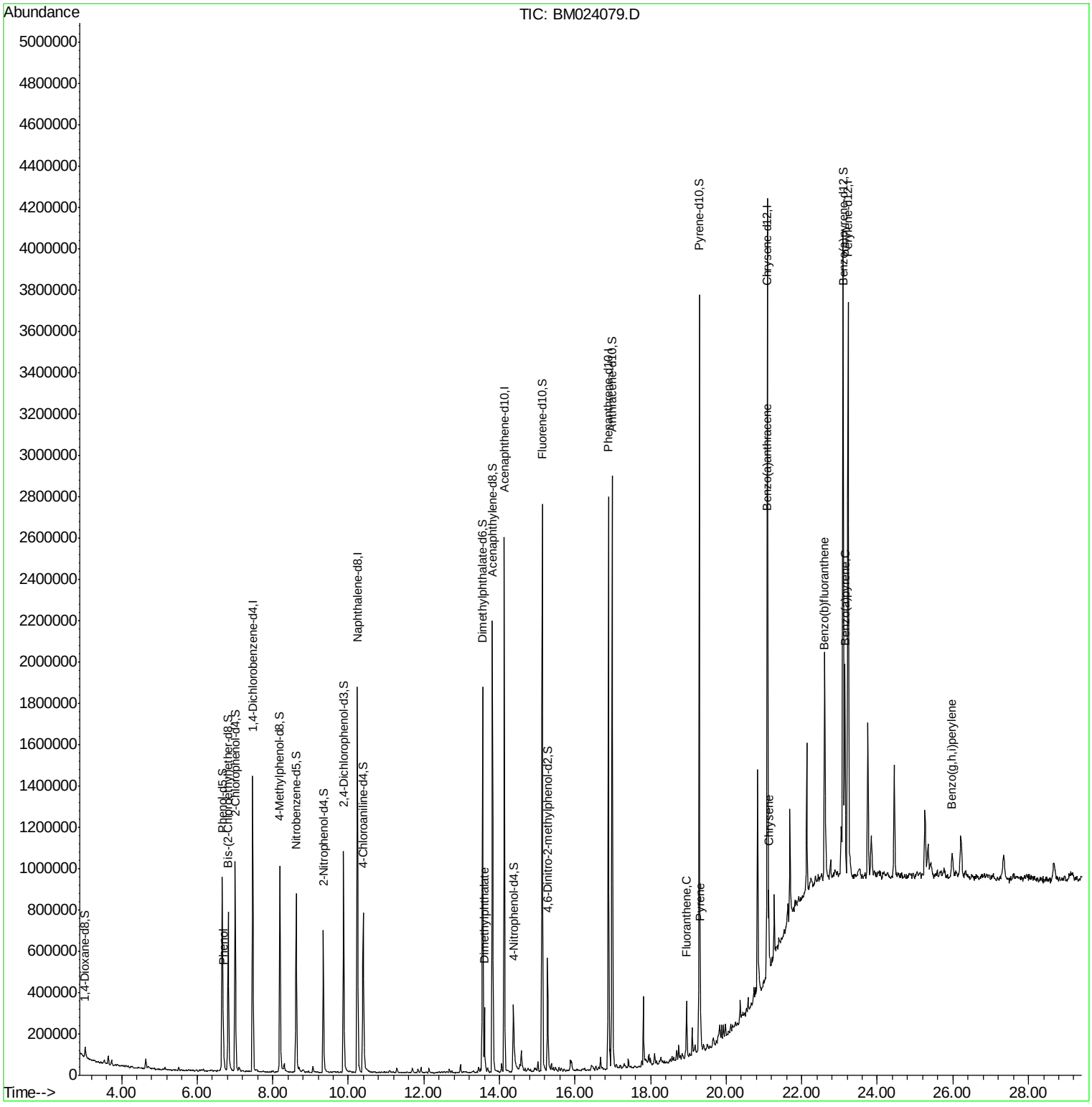
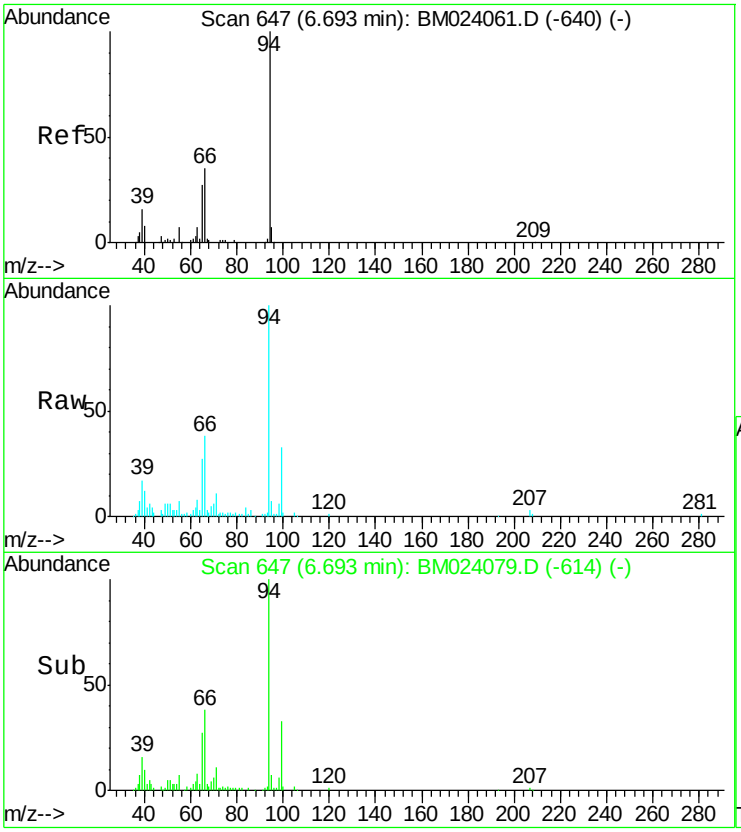


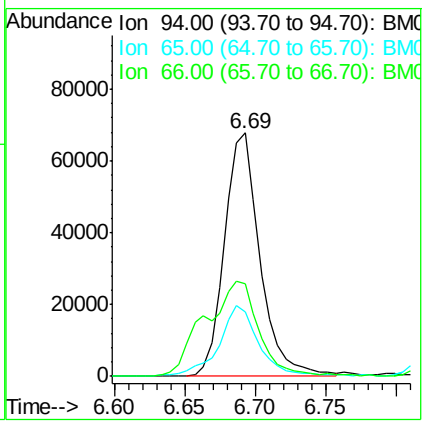


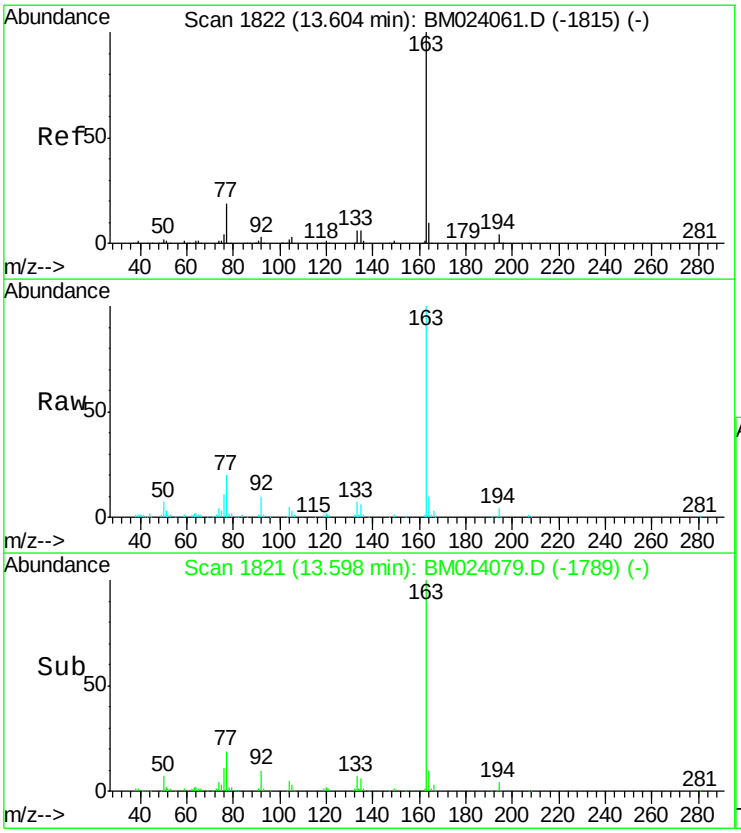
#6
Phenol
Concen: 3.447 ng/ul
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Instrument :
BNA_M
ClientSampleId :
C0BR5

Tgt Ion: 94 Resp: 119146

Ion	Ratio	Lower	Upper
94	100		
65	26.5	21.7	32.5
66	37.8	28.8	43.2

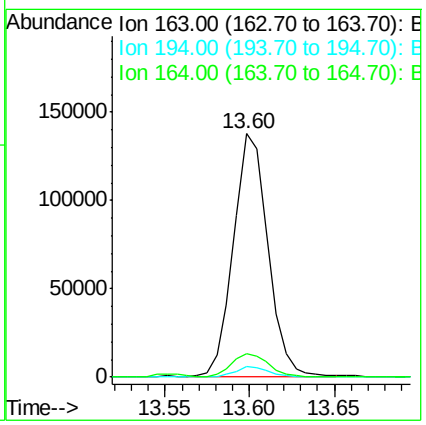


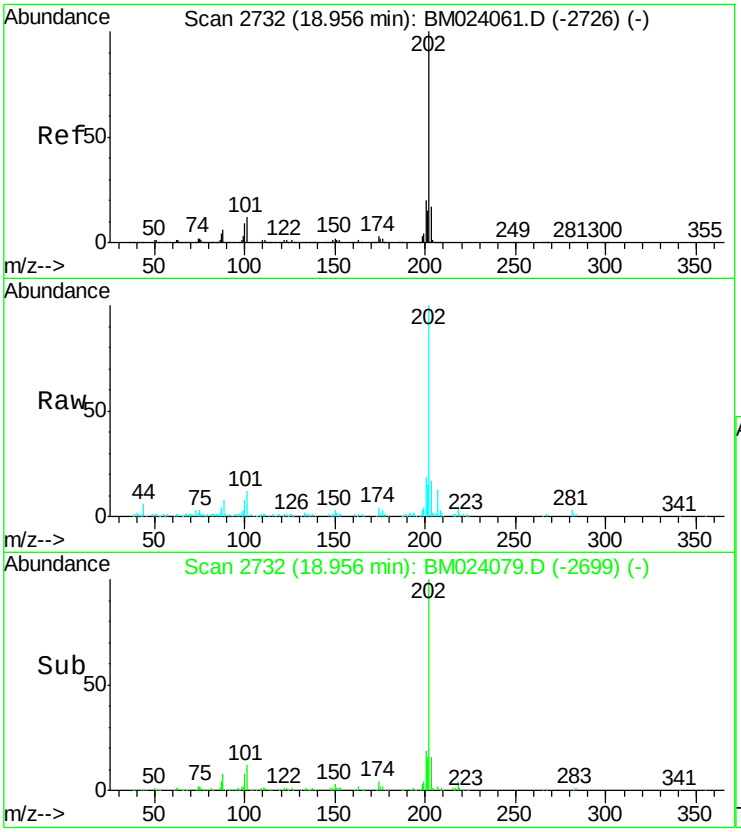


#45
Dimethylphthalate
Concen: 3.114 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Tgt Ion:163 Resp: 196968

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	7.9	11.9



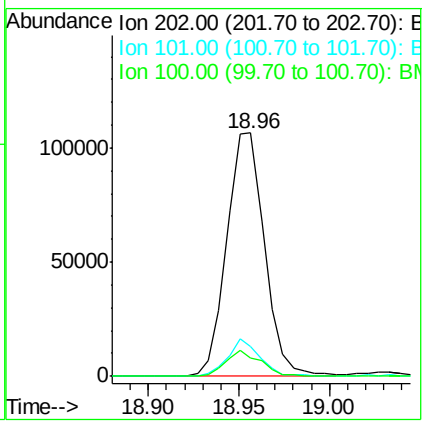


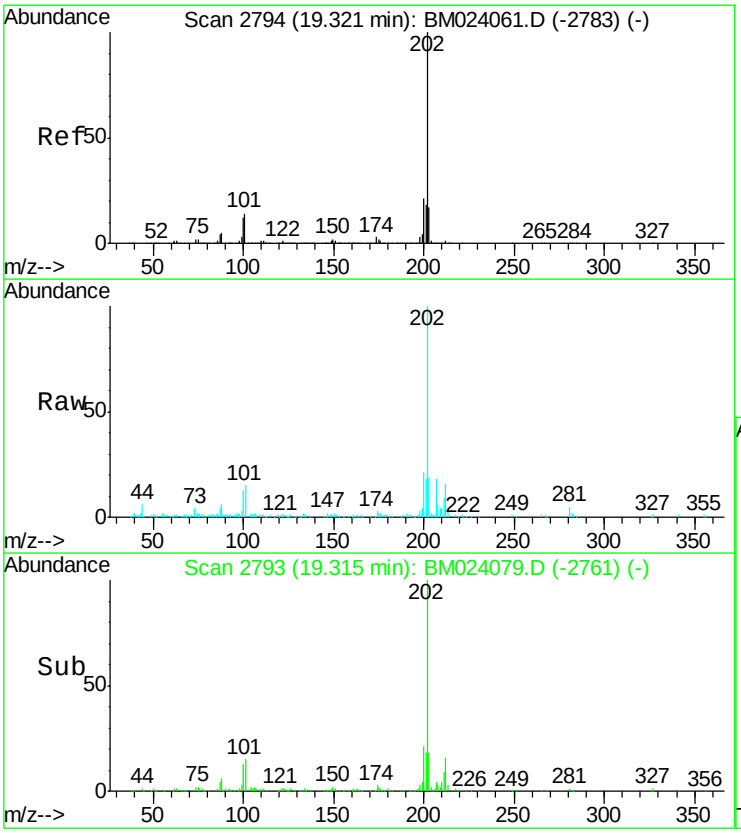
#77
Fluoranthene
Concen: 1.563 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Instrument :
BNA_M
ClientSampleId :
C0BR5

Tgt Ion:202 Resp: 154934

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.1	15.1
100	7.6	7.8	11.6#

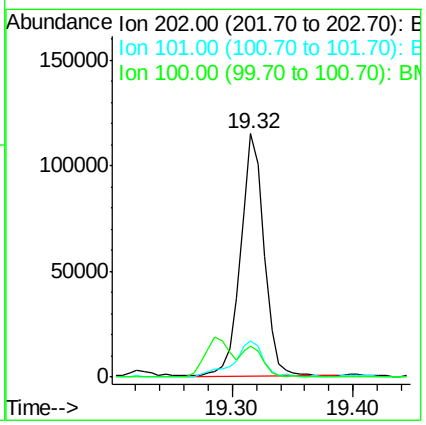


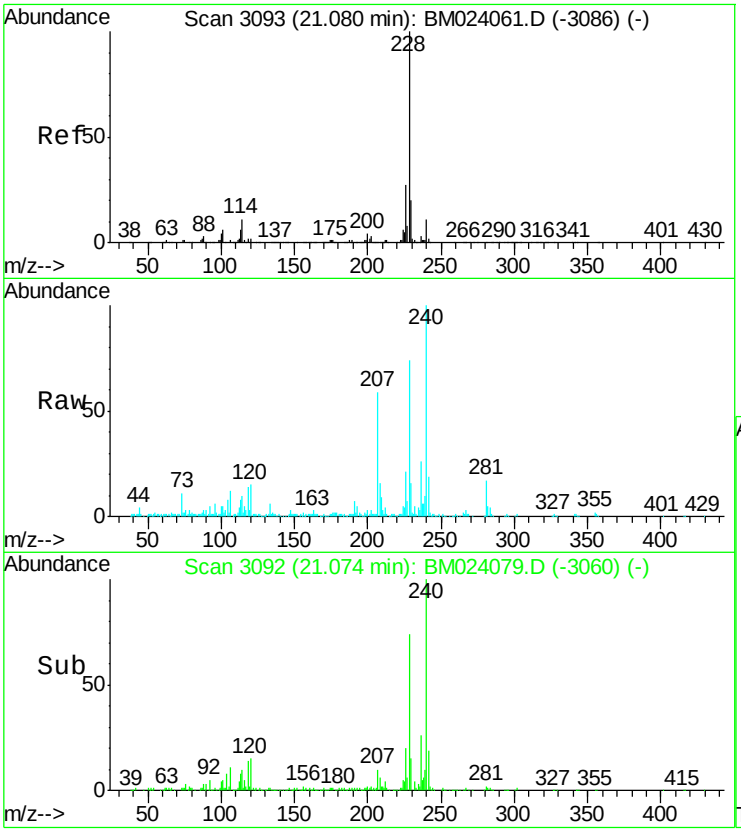


#80
Pyrene
Concen: 1.465 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Tgt Ion:202 Resp: 156396

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.8	17.6
100	12.8	9.8	14.6



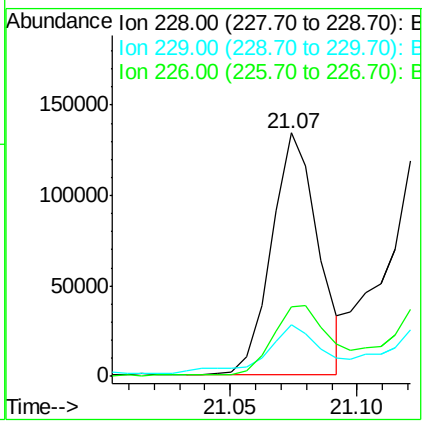


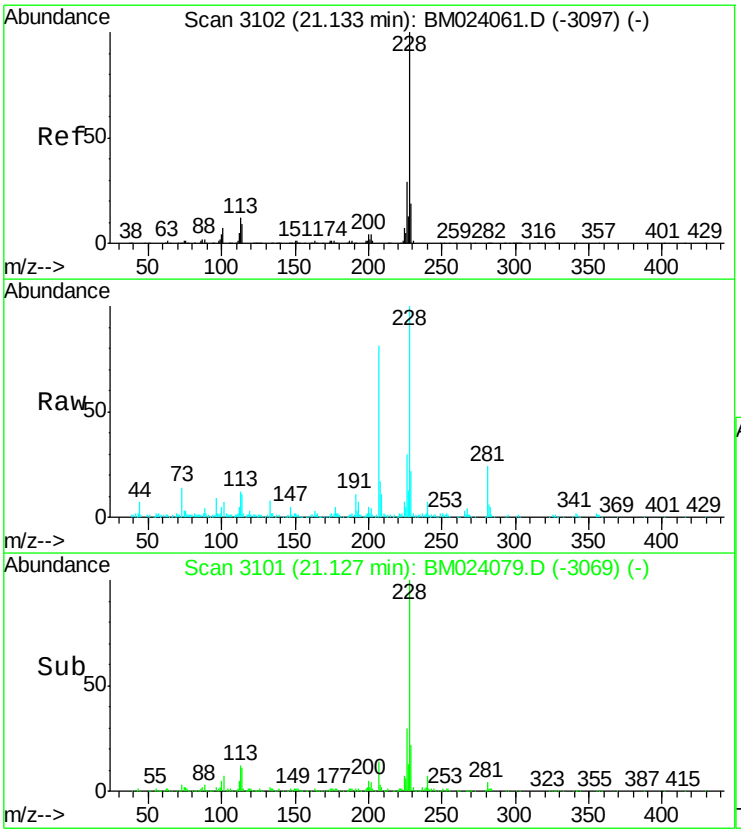
#83
Benzo(a)anthracene
Concen: 1.614 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Instrument :
BNA_M
ClientSampleId :
C0BR5

Tgt Ion:228 Resp: 170902

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	28.4	21.4	32.0

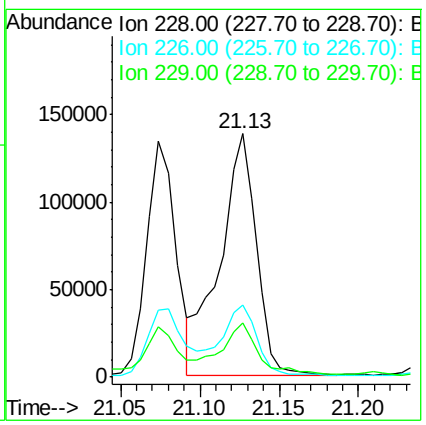


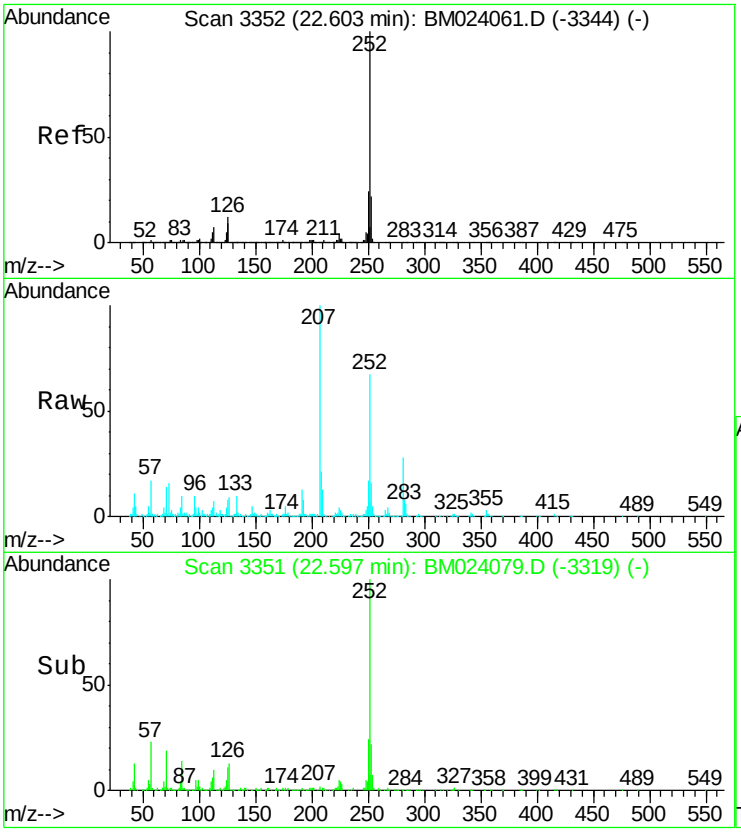


#85
Chrysene
Concen: 2.226 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Tgt Ion:228 Resp: 221341

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.1	15.3	22.9



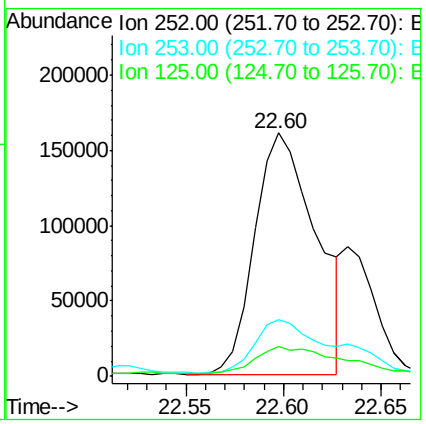


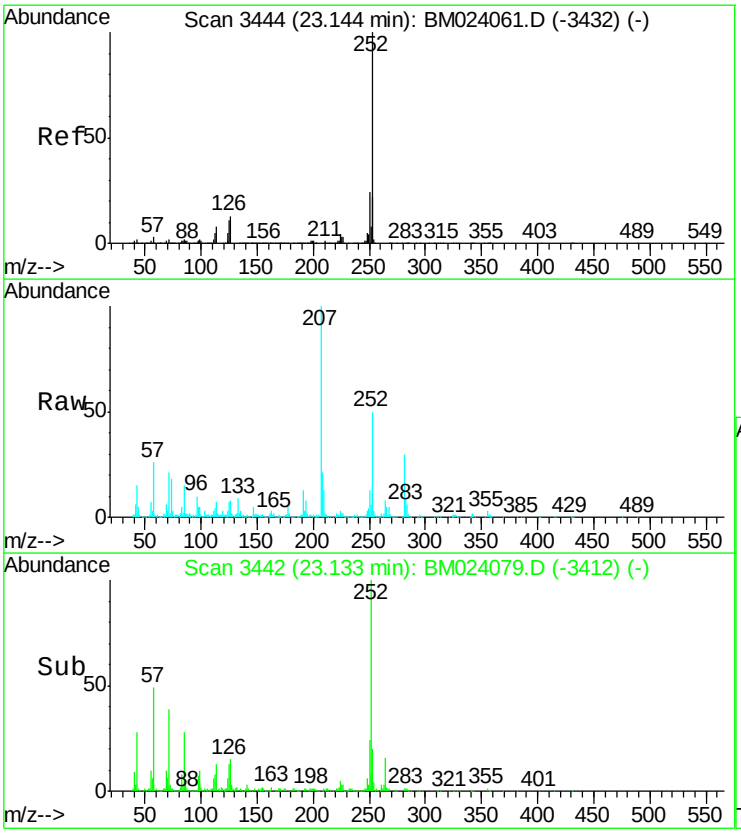
#88
Benzo(b)fluoranthene
Concen: 2.908 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Instrument :
BNA_M
ClientSampleId :
C0BR5

Tgt Ion:252 Resp: 349001

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.1	7.4	11.2#

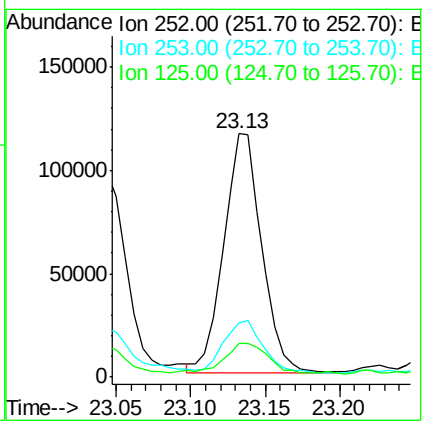


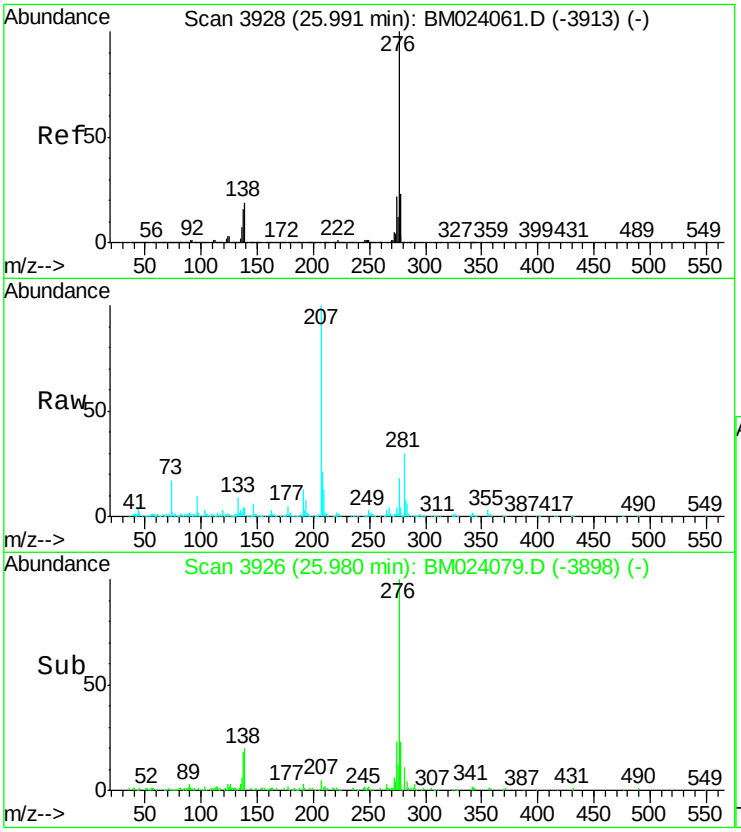


#91
Benzo(a)pyrene
Concen: 1.825 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Tgt Ion:252 Resp: 207103

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.9	7.8	11.6#





#94
Benzo(g,h,i)perylene
Concen: 1.039 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. -0.04 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Instrument :
BNA_M
ClientSampleId :
C0BR5

Tgt Ion:276 Resp: 122559

Ion	Ratio	Lower	Upper
276	100		
138	19.5	14.9	22.3
277	23.4	19.1	28.7