Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
Data File : BM024014.D
Acq On : 06 Dec 2019 13:55
Operator : JU
Sample : K6007-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL1

Quant Time: Dec 06 14:35:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:09:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	309941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1238351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	741177	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1525843	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1486520	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1836327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	29696	4.26	ng/uL	0.00
5) Phenol-d5	6.67	99	561818	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	346295	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	450792	21.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	429497	20.04	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	207581	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	224656	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	408565	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	470042	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1267944	22.02	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1516193	22.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	149679	15.46	ng/ul	0.00
58) Fluorene-d10	15.14	176	1134867	23.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	149534	15.61	ng/ul	0.00
71) Anthracene-d10	16.99	188	1702958	23.37	ng/ul	0.00
79) Pyrene-d10	19.30	212	1921809	25.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	2389030	24.61	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.70	94	55394	1.982	ng/ul	93
45) Dimethylphthalate	13.61	163	418848	7.430	ng/ul	100
70) Phenanthrene	16.93	178	259966	3.016	ng/ul	98
77) Fluoranthene	18.96	202	493816	5.342	ng/ul	98
80) Pyrene	19.33	202	415184	4.145	ng/ul	97
83) Benzo(a)anthracene	21.09	228	227019	2.285	ng/ul	96
85) Chrysene	21.14	228	206551	2.214	ng/ul	97
88) Benzo(b)fluoranthene	22.61	252	298134	2.625	ng/ul	97
91) Benzo(a)pyrene	23.15	252	208822	1.945	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.36	276	141328	1.060	ng/ul	98
94) Benzo(g,h,i)perylene	26.01	276	137024	1.227	ng/ul	98

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

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Instrument :
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Quant Time: Dec 06 14:35:48 2019
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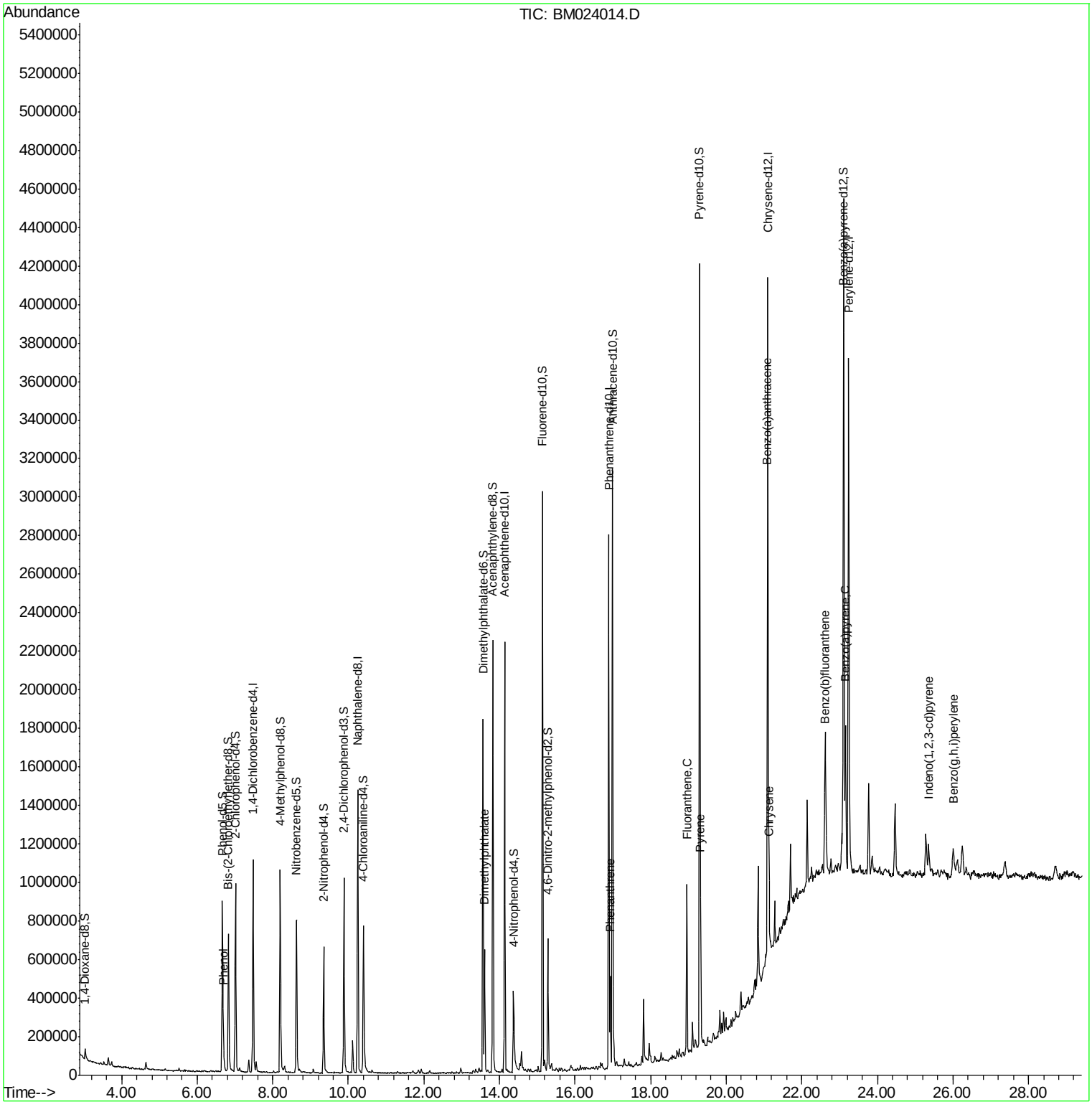
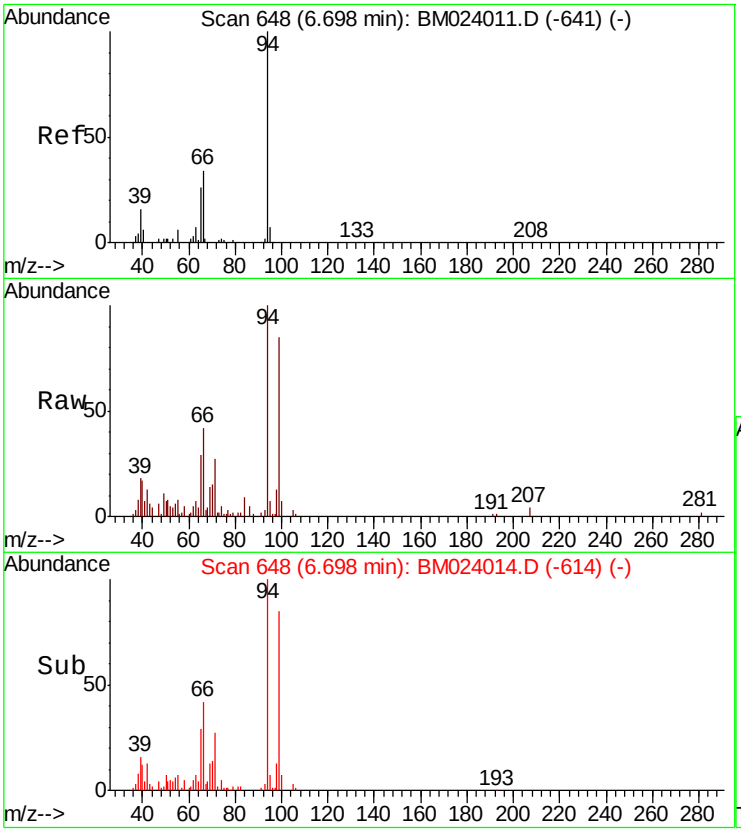
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:09:45 2019
Response via : Initial Calibration



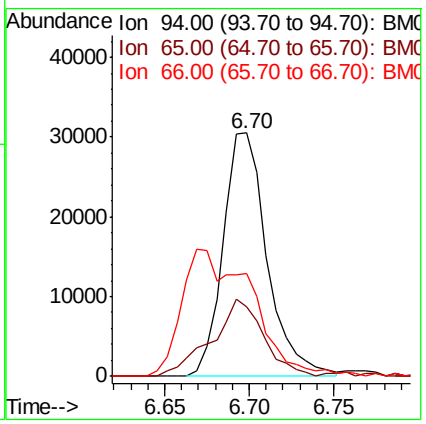


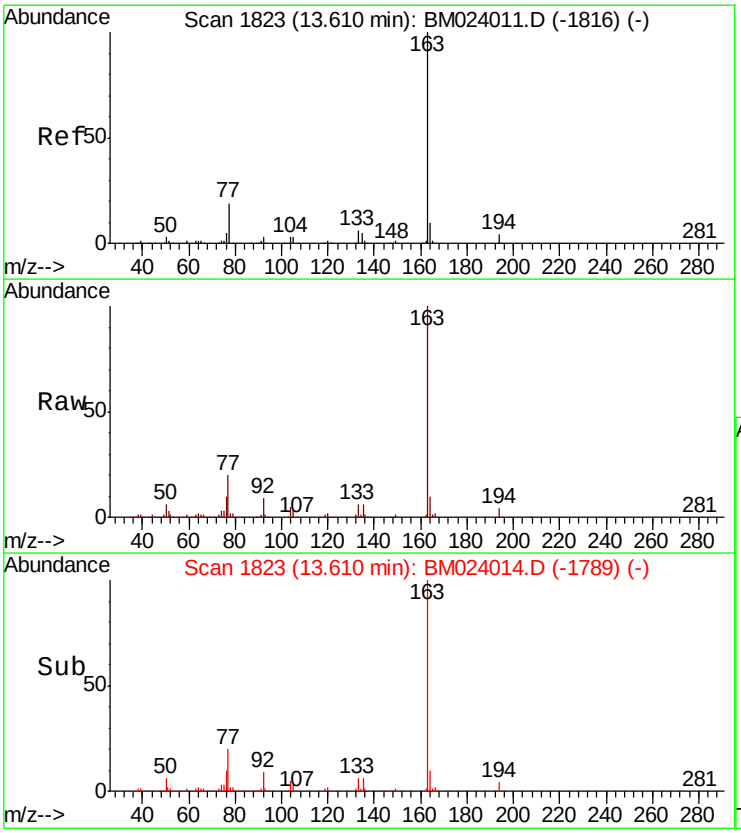
#6
Phenol
Concen: 1.982 ng/ul
RT: 6.70 min Scan# 648
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion: 94 Resp: 55394

Ion	Ratio	Lower	Upper
94	100		
65	28.7	21.7	32.5
66	42.3	28.8	43.2

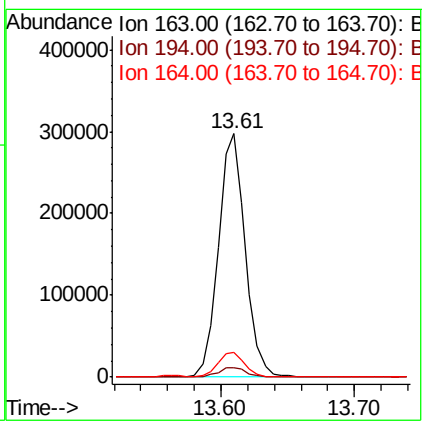


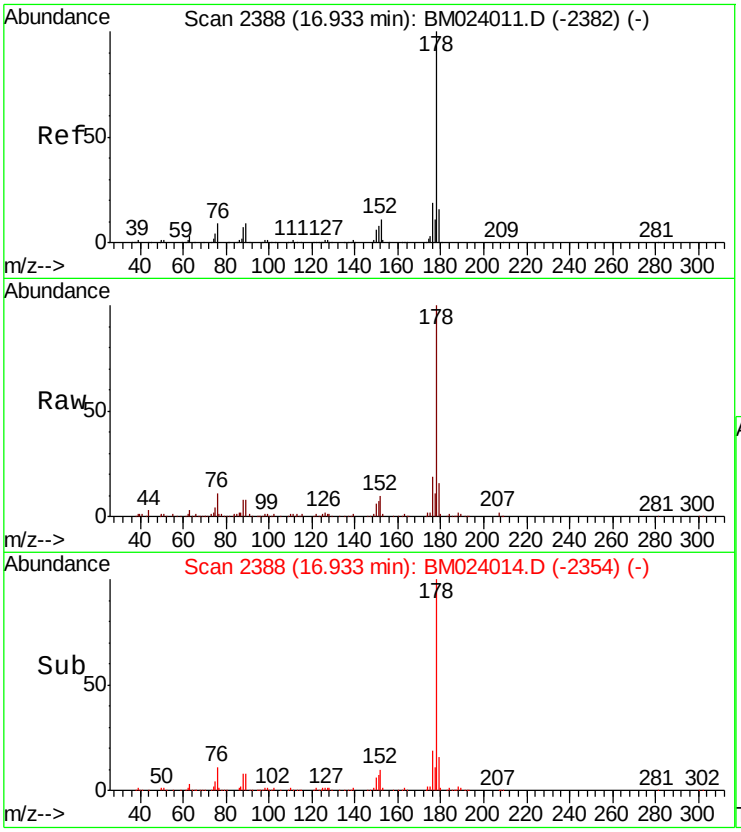


#45
Dimethylphthalate
Concen: 7.430 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Tgt Ion:163 Resp: 418848

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	7.9	11.9



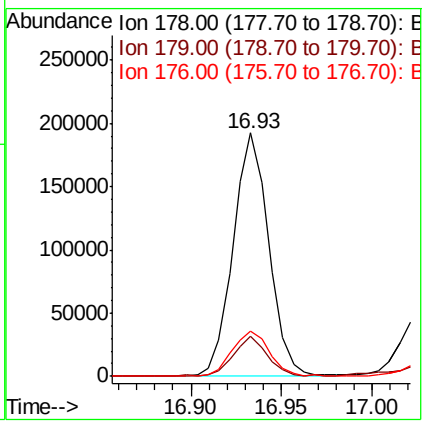


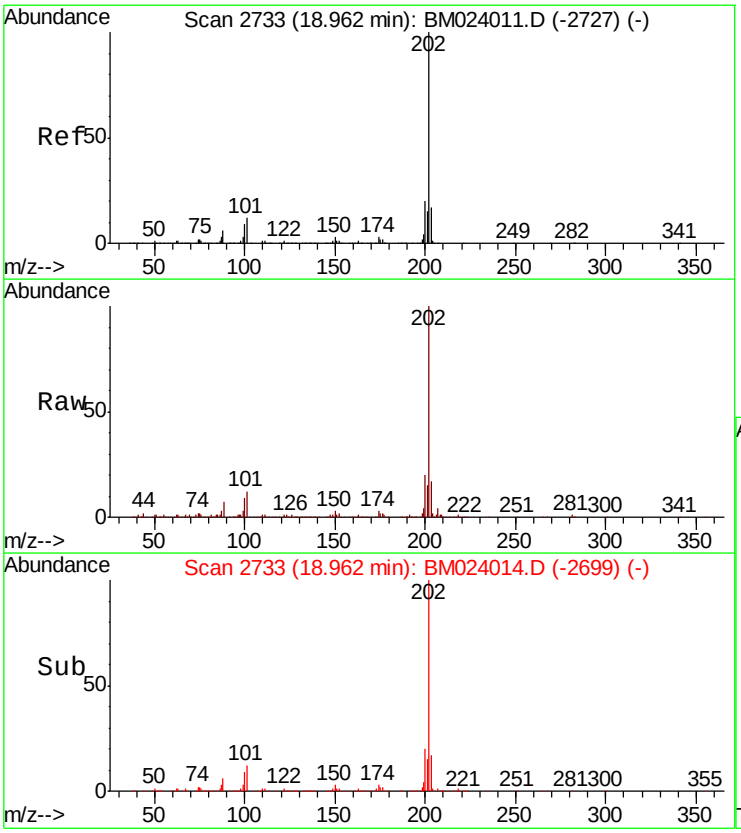
#70
Phenanthrene
Concen: 3.016 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion:178 Resp: 259966

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	18.7	15.1	22.7

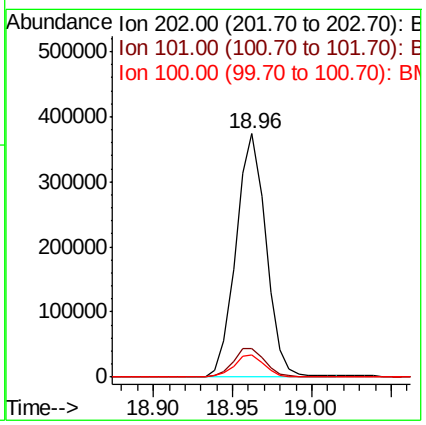


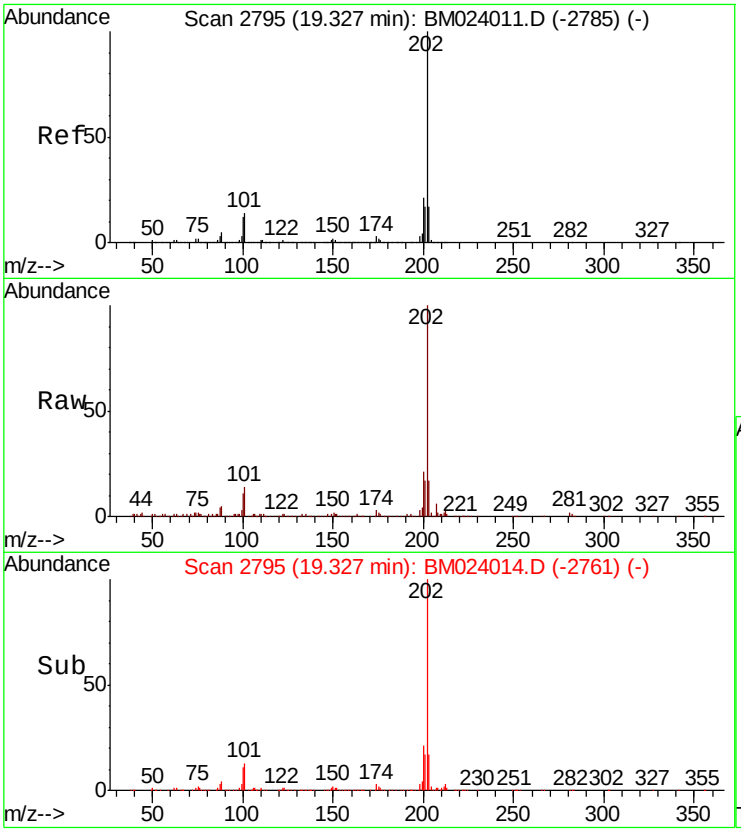


#77
Fluoranthene
Concen: 5.342 ng/ul
RT: 18.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Tgt Ion:202 Resp: 493816

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.1	15.1
100	9.1	7.8	11.6



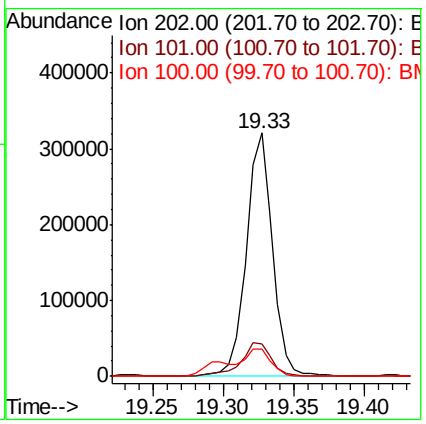


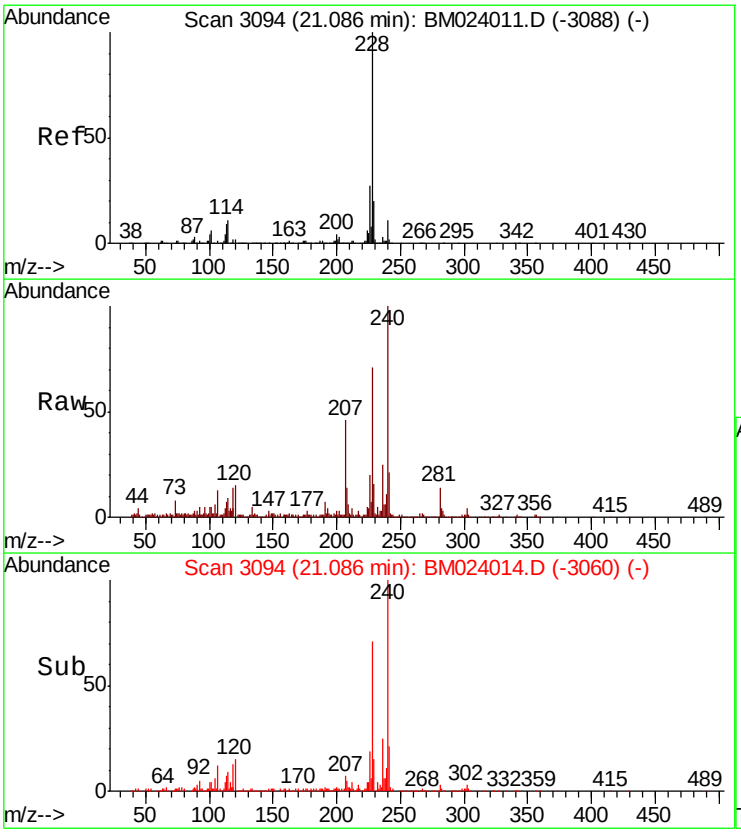
#80
Pyrene
Concen: 4.145 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion:202 Resp: 415184

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.8	17.6
100	11.3	9.8	14.6

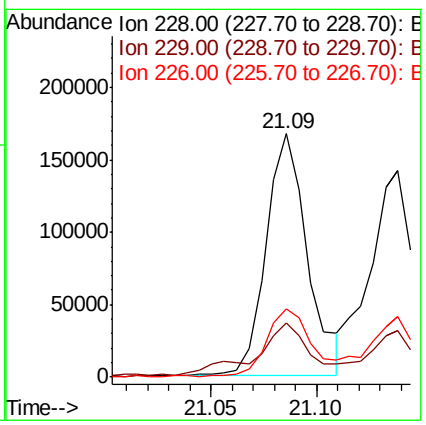


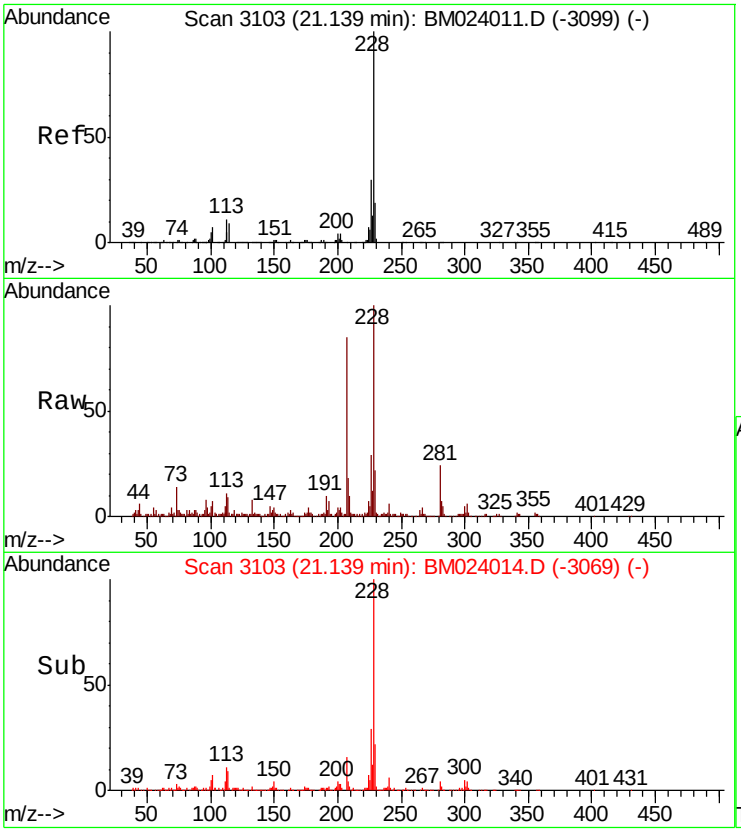


#83
Benzo(a)anthracene
Concen: 2.285 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Tgt Ion:228 Resp: 227019

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	27.9	21.4	32.0



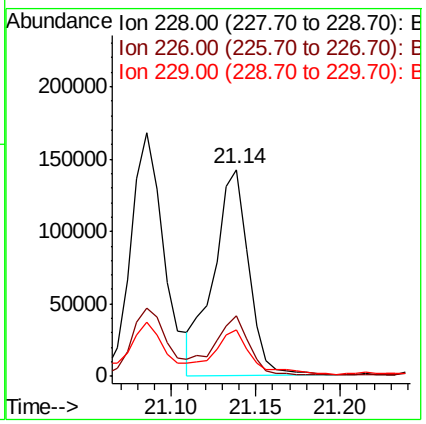


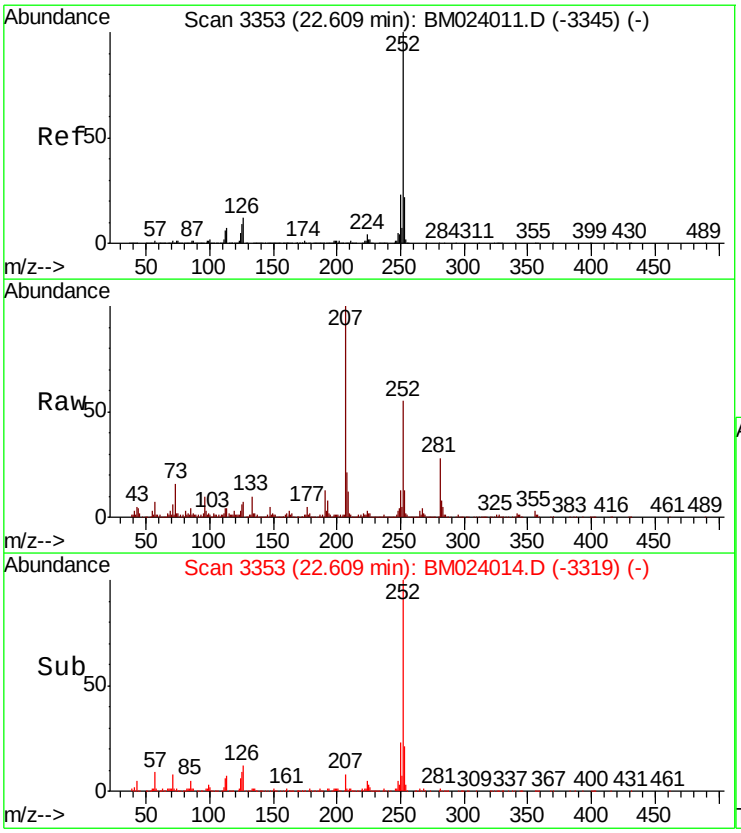
#85
Chrysene
Concen: 2.214 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion:228 Resp: 206551

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.3	15.3	22.9

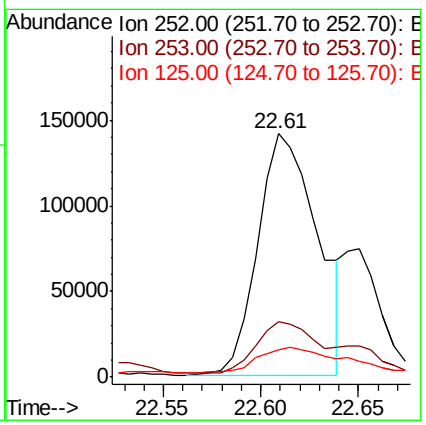


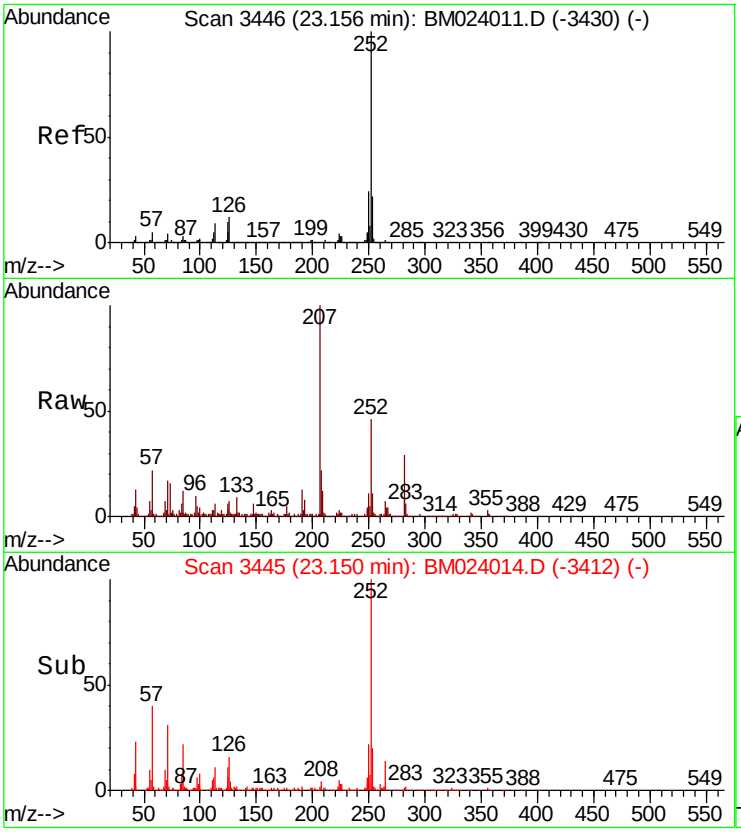


#88
Benzo(b)fluoranthene
Concen: 2.625 ng/ul
RT: 22.61 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Tgt Ion:252 Resp: 298134

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.0	7.4	11.2



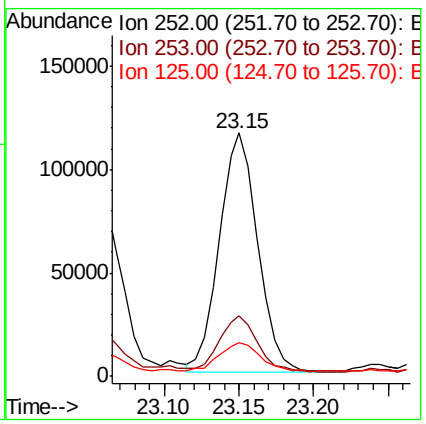


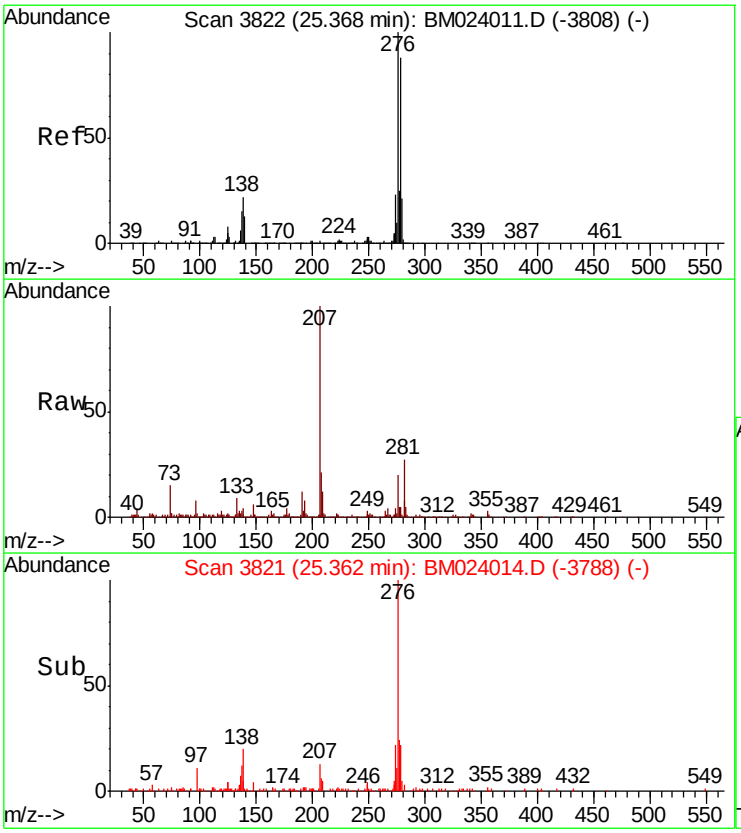
#91
Benzo(a)pyrene
Concen: 1.945 ng/ul
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion:252 Resp: 208822

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.7	7.8	11.6#

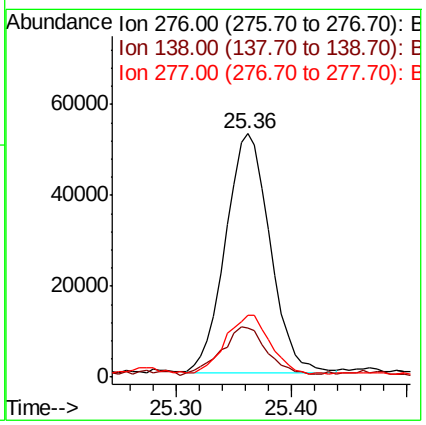


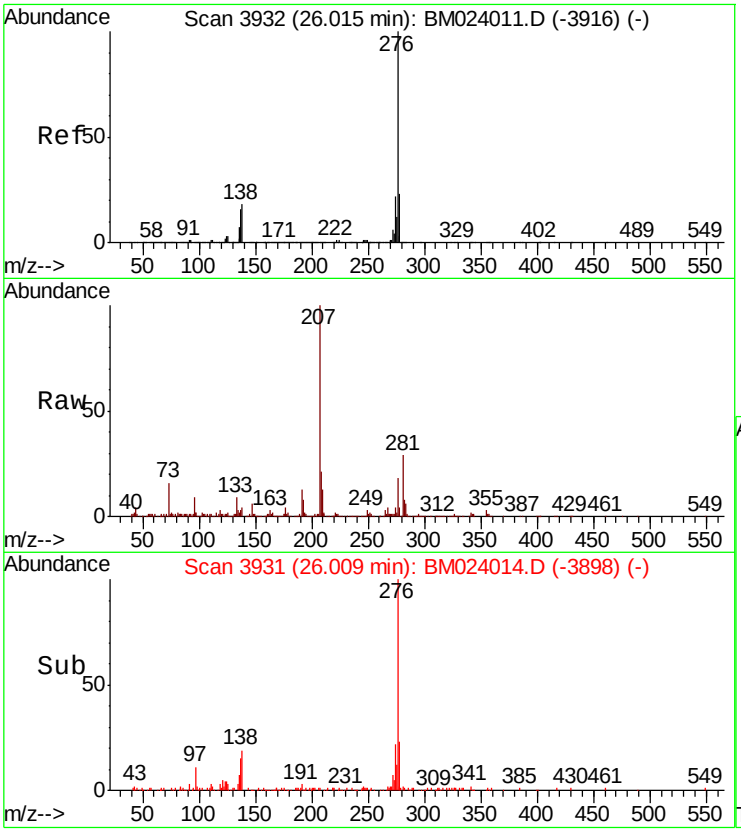


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.060 ng/ul
RT: 25.36 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Tgt Ion:276 Resp: 141328

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.0	25.6
277	25.3	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.227 ng/ul
RT: 26.01 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BM024014.D
Acq: 06 Dec 2019 13:55

Instrument :
BNA_M
ClientSampleId :
C0BL1

Tgt Ion:276 Resp: 137024

Ion	Ratio	Lower	Upper
276	100		
138	20.0	14.9	22.3
277	24.2	19.1	28.7