Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:36:45 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	7.43	152	306634	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	1337367	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	823166	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.86	188	1680756	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1549461	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1772143	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	20767	2.99	ng/uL	0.00
5) Phenol-d5	6.64	99	376688	12.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	278036	15.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	314354	15.18	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	211966	8.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	148643	15.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	161912	15.32	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	292989	14.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.37	131	220994	8.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1039546	17.08	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	1181503	16.20	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.36	143	84828	7.76	ng/ul	0.00
58) Fluorene-d10	15.10	176	893901	16.75	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	102763	10.02	ng/ul	0.00
71) Anthracene-d10	16.96	188	1277310	16.70	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1441256	19.53	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.07	264	1582982	17.98	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.66	94	54998	1.834	ng/ul	96
45) Dimethylphthalate	13.57	163	156328	2.471	ng/ul	100
70) Phenanthrene	16.90	178	224783	2.389	ng/ul	99
77) Fluoranthene	18.93	202	654393	6.381	ng/ul	99
80) Pyrene	19.29	202	527956	5.219	ng/ul	99
83) Benzo(a)anthracene	21.06	228	240116	2.432	ng/ul	99
85) Chrysene	21.11	228	314493	3.250	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	427188	4.029	ng/ul	97
89) Benzo(k)fluoranthene	22.57	252	427188	4.106	ng/ul	98
91) Benzo(a)pyrene	23.11	252	254541	2.654	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	190880	1.657	ng/ul	97
94) Benzo(g,h,i)perylene	25.94	276	197472	2.100	ng/ul	99

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

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Instrument :
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ClientSampleId :

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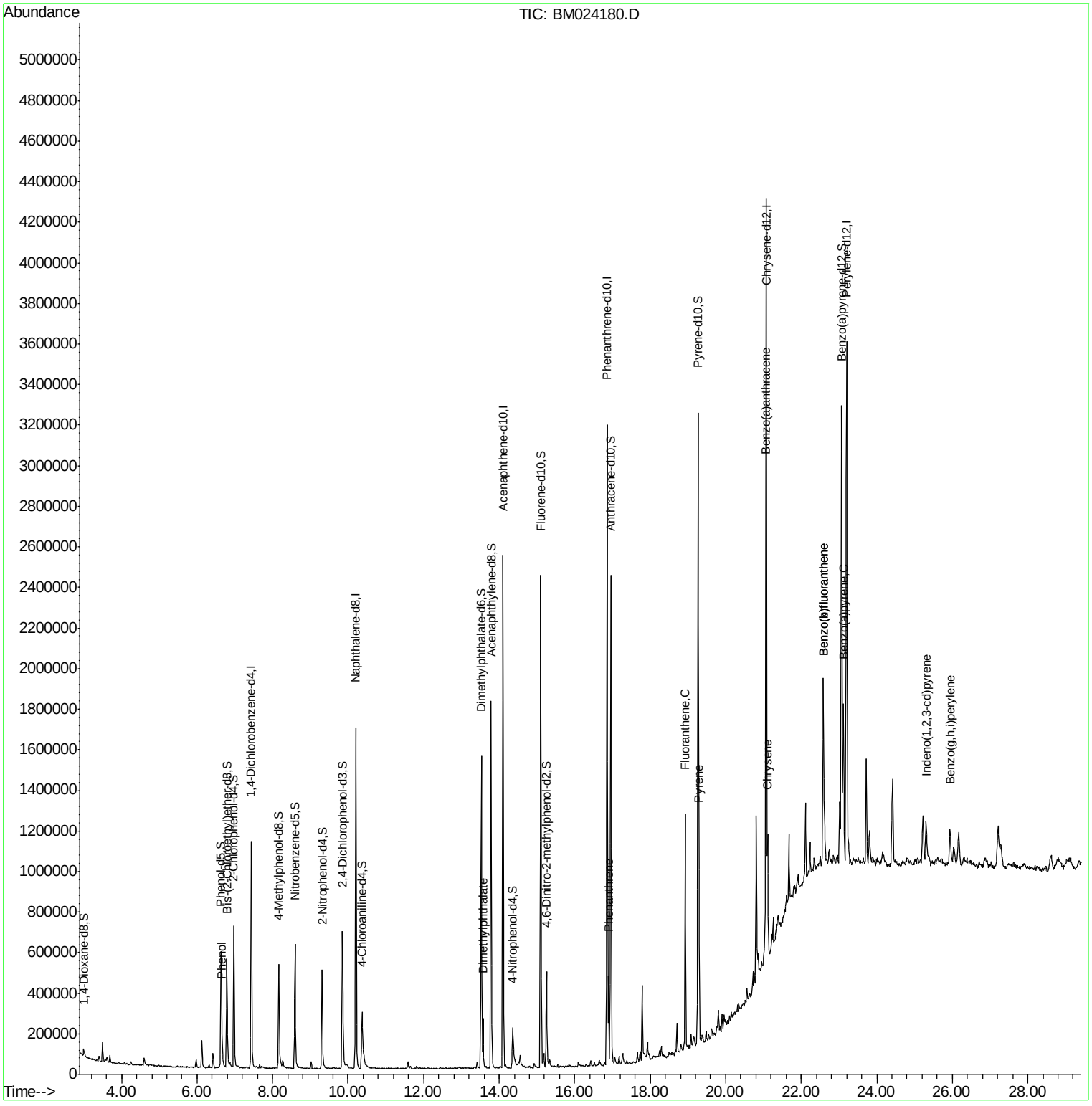
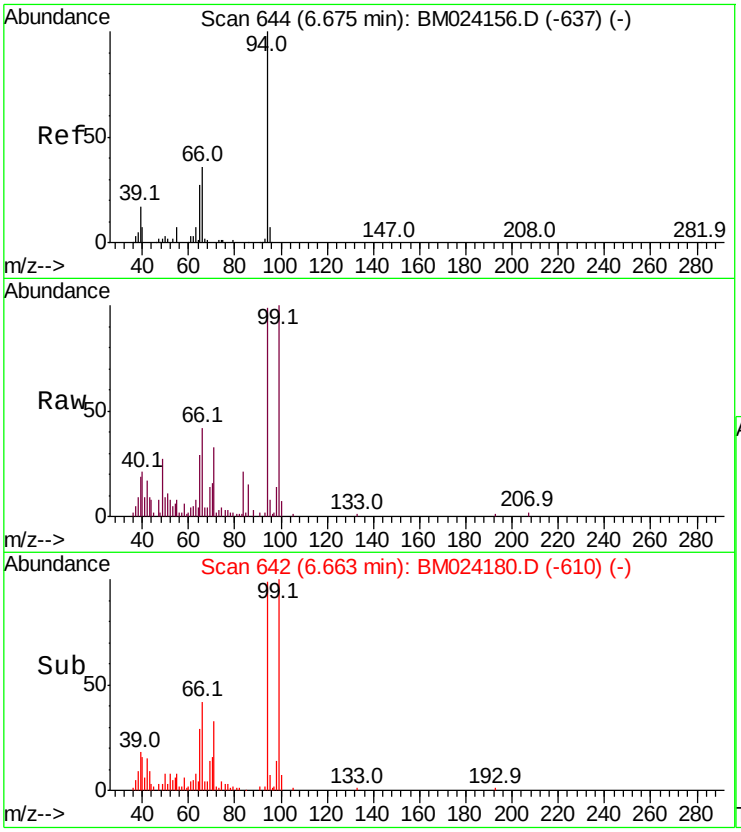
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration



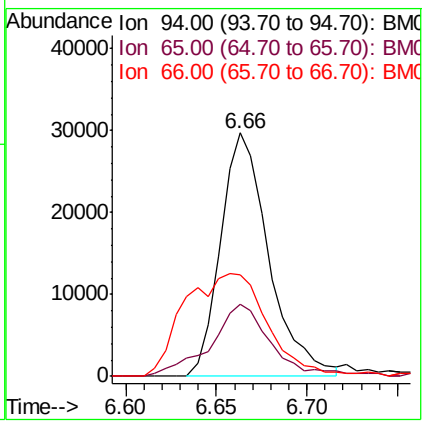


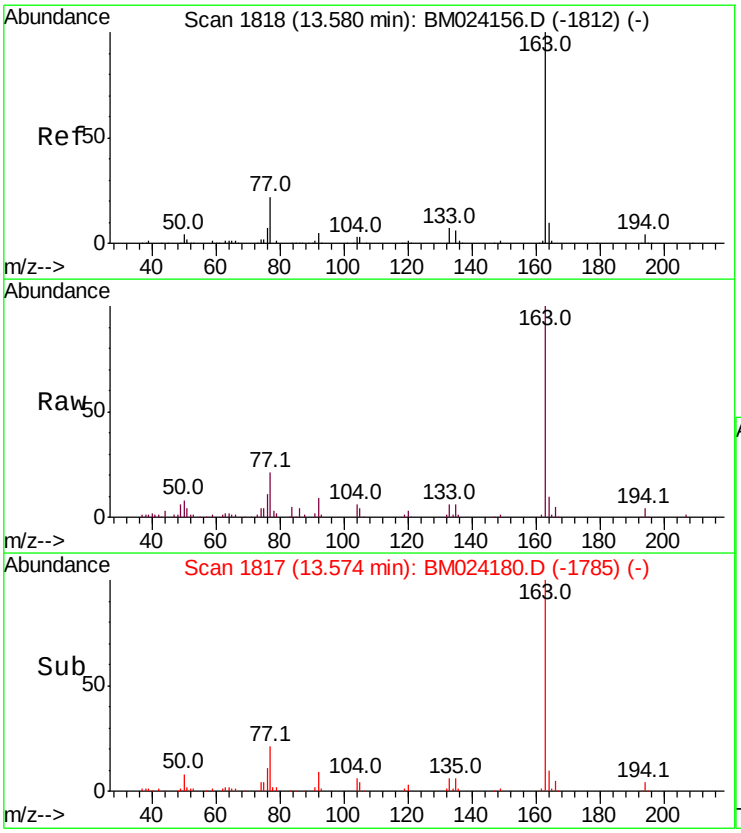
#6
Phenol
Concen: 1.834 ng/ul
RT: 6.66 min Scan# 642
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 54998

Ion	Ratio	Lower	Upper
94	100		
65	29.6	22.6	33.8
66	41.9	30.7	46.1

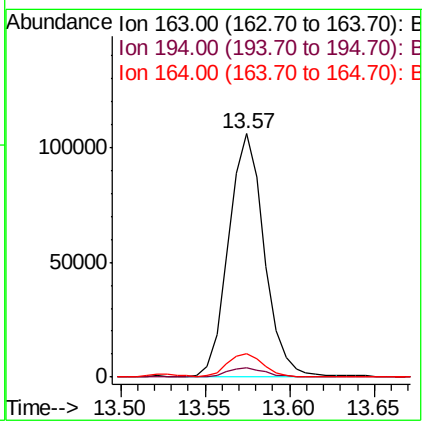


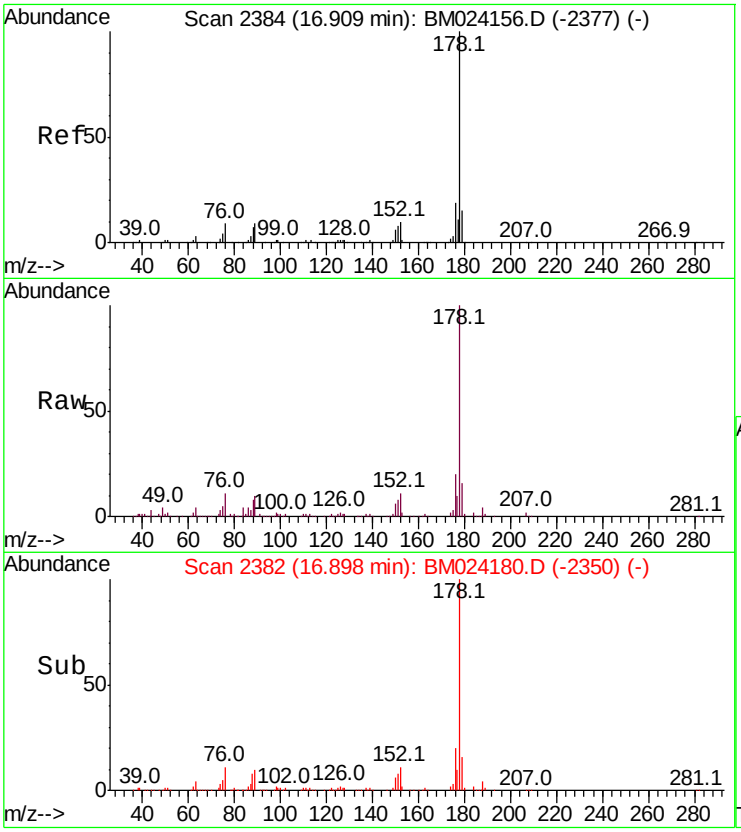


#45
Dimethylphthalate
Concen: 2.471 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:163 Resp: 156328

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	7.8	11.6



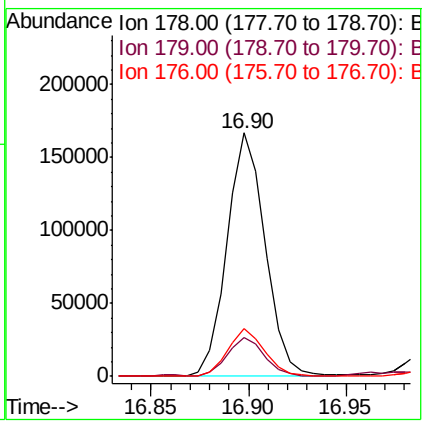


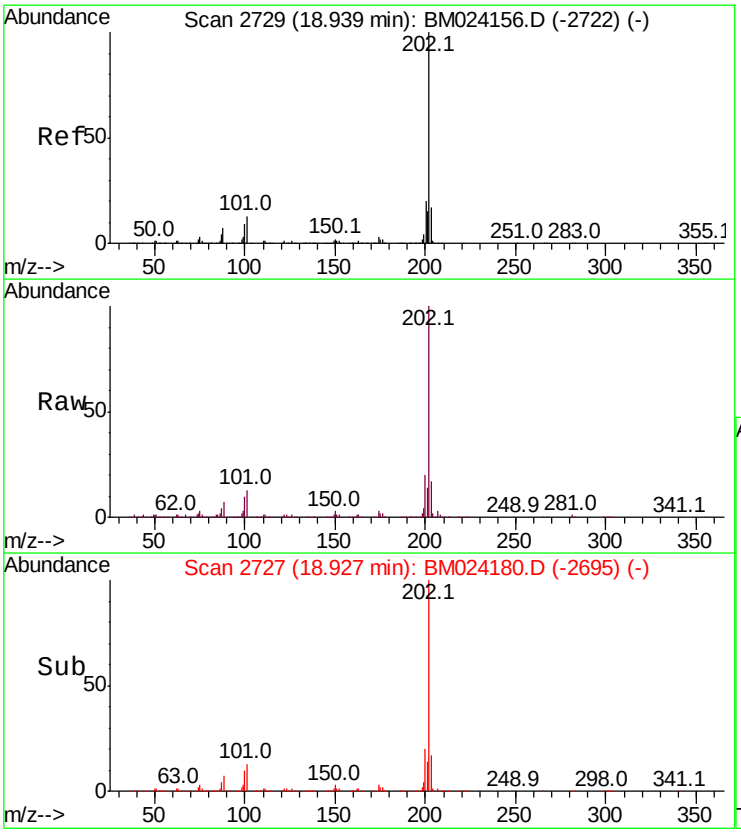
#70
Phenanthrene
Concen: 2.389 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 224783

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.8	15.1	22.7

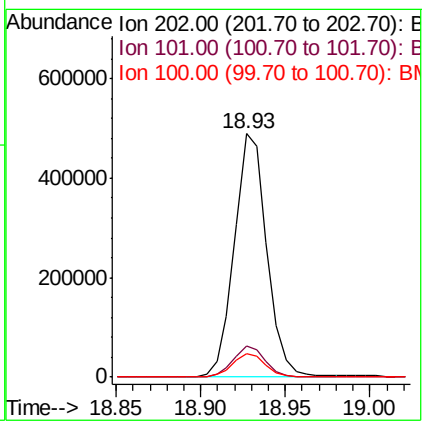


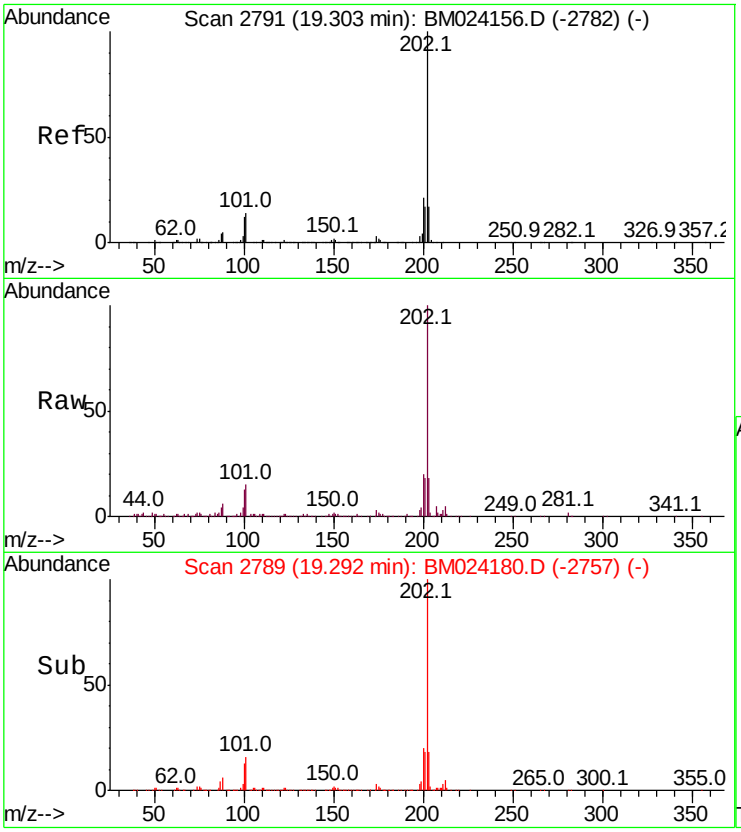


#77
Fluoranthene
Concen: 6.381 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:202 Resp: 654393

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	15.8
100	9.8	8.1	12.1



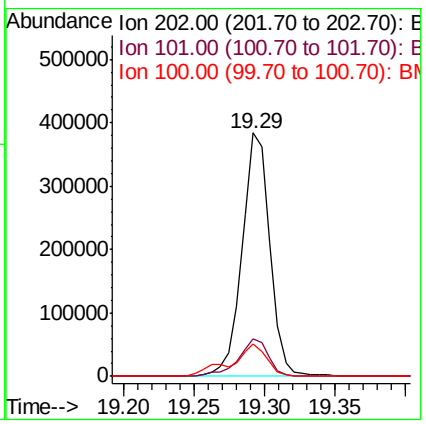


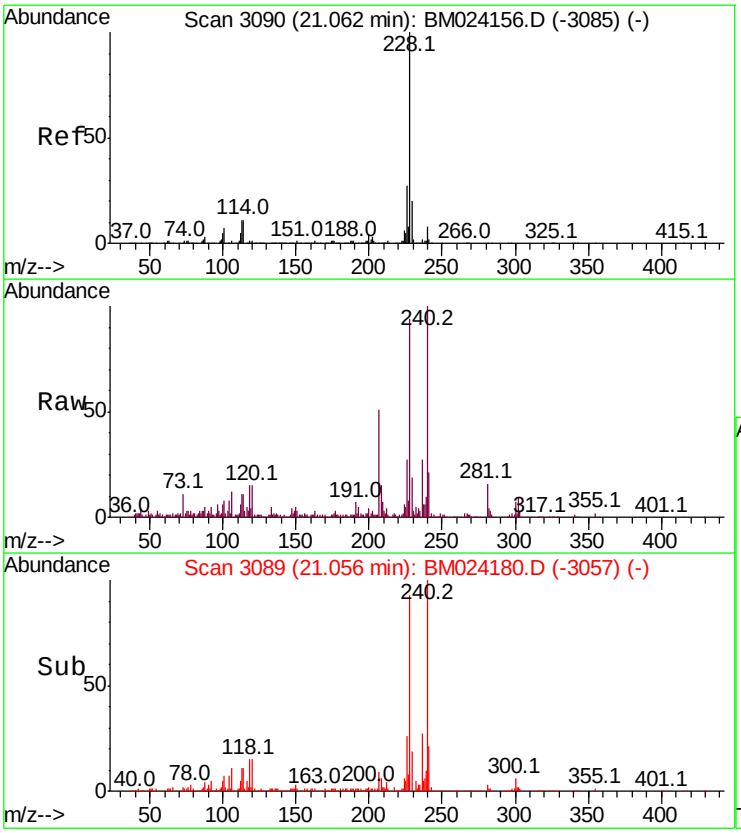
#80
Pyrene
Concen: 5.219 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 527956

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.4
100	13.1	10.0	15.0

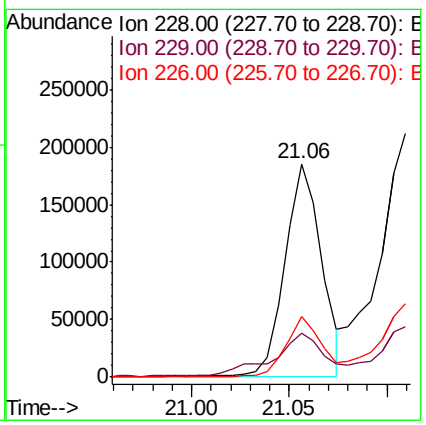


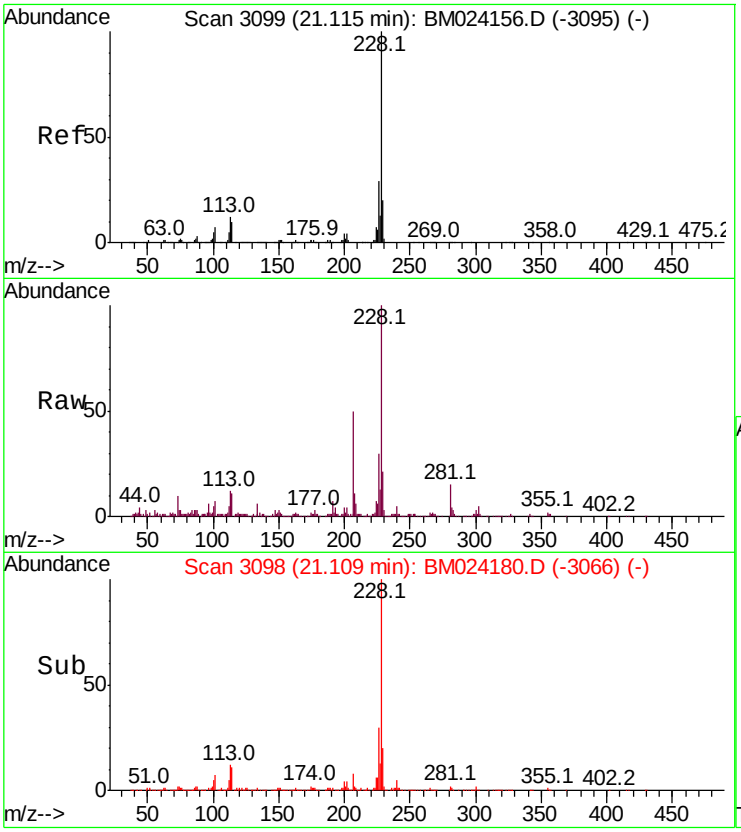


#83
Benzo(a)anthracene
Concen: 2.432 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:228 Resp: 240116

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.4	22.2	33.2



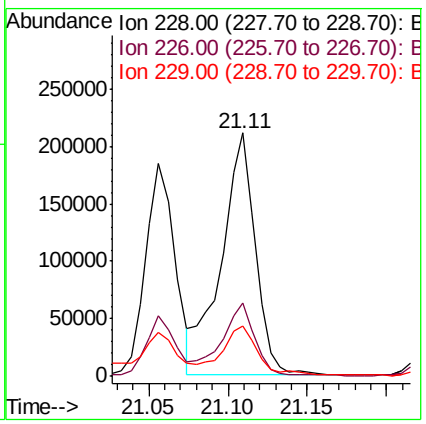


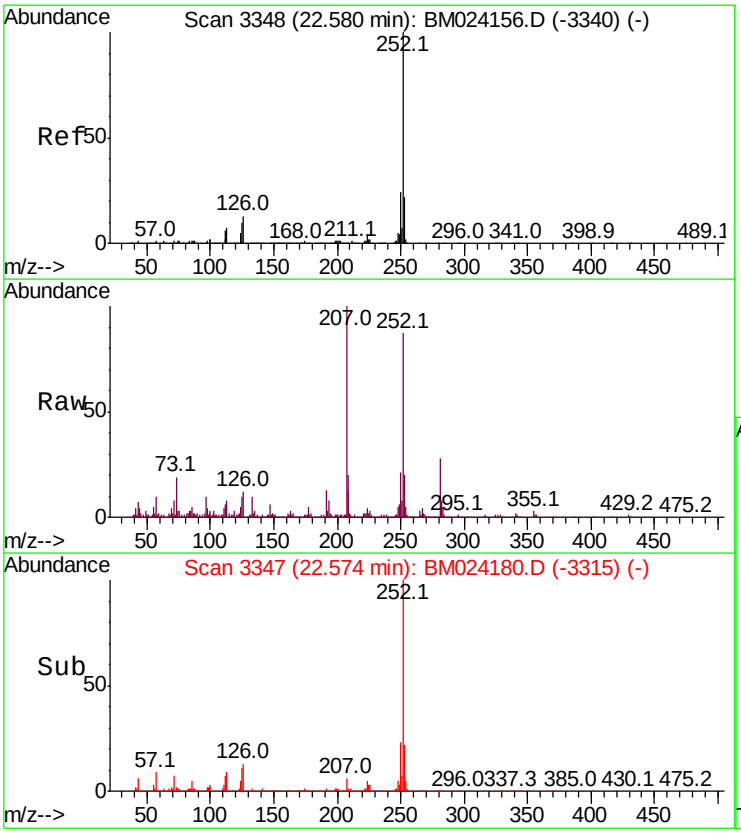
#85
Chrysene
Concen: 3.250 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 314493

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.6	15.4	23.2

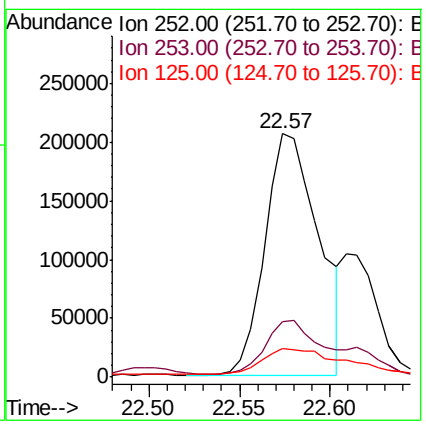


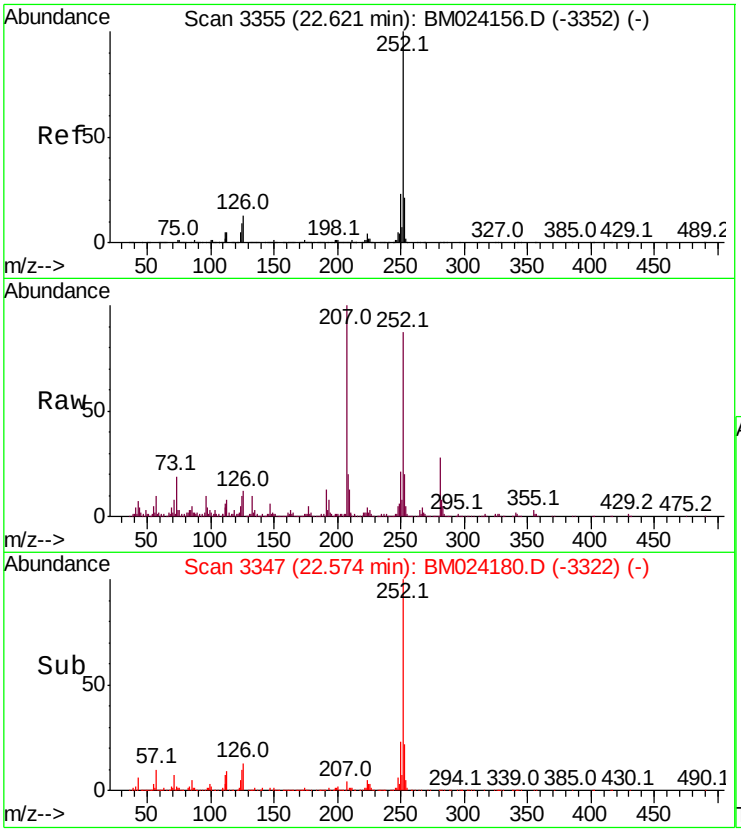


#88
Benzo(b)fluoranthene
Concen: 4.029 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:252 Resp: 427188

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.6	7.8	11.8



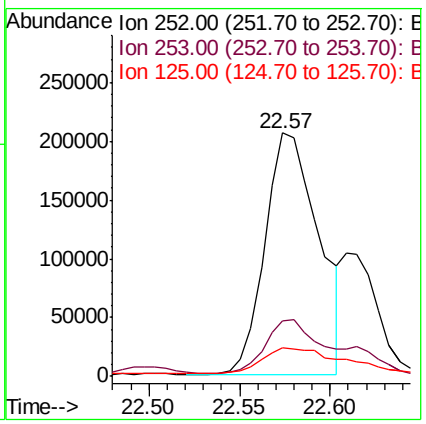


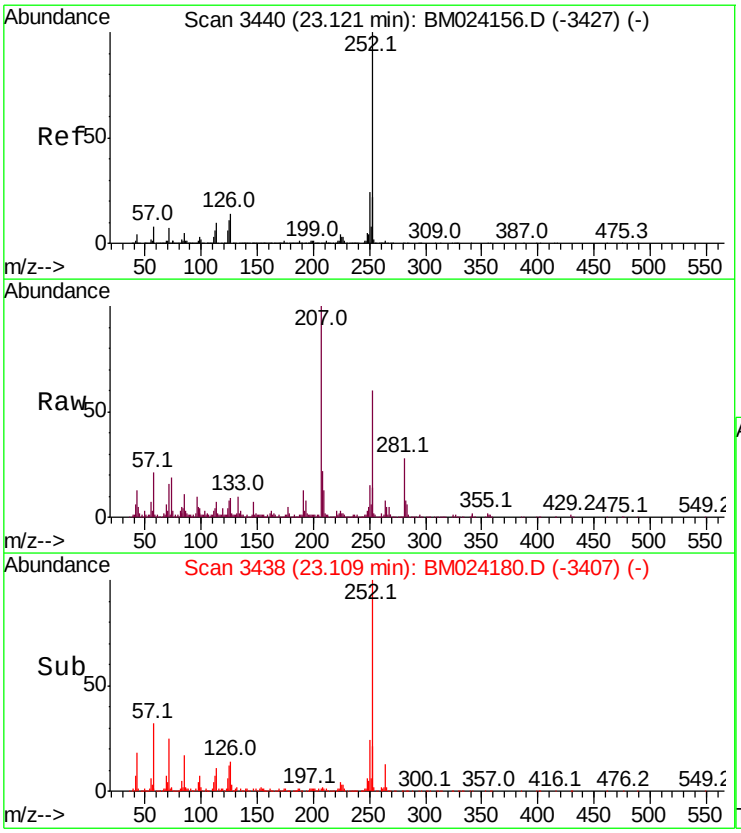
#89
Benzo(k)fluoranthene
Concen: 4.106 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 427188

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.6	7.9	11.9

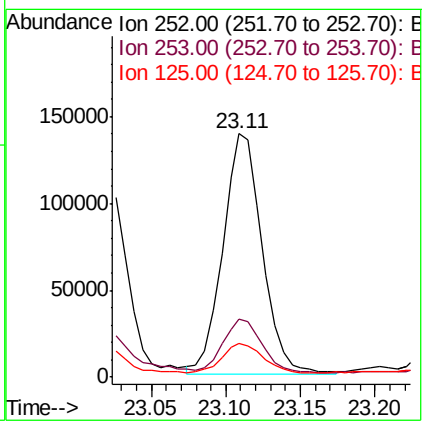


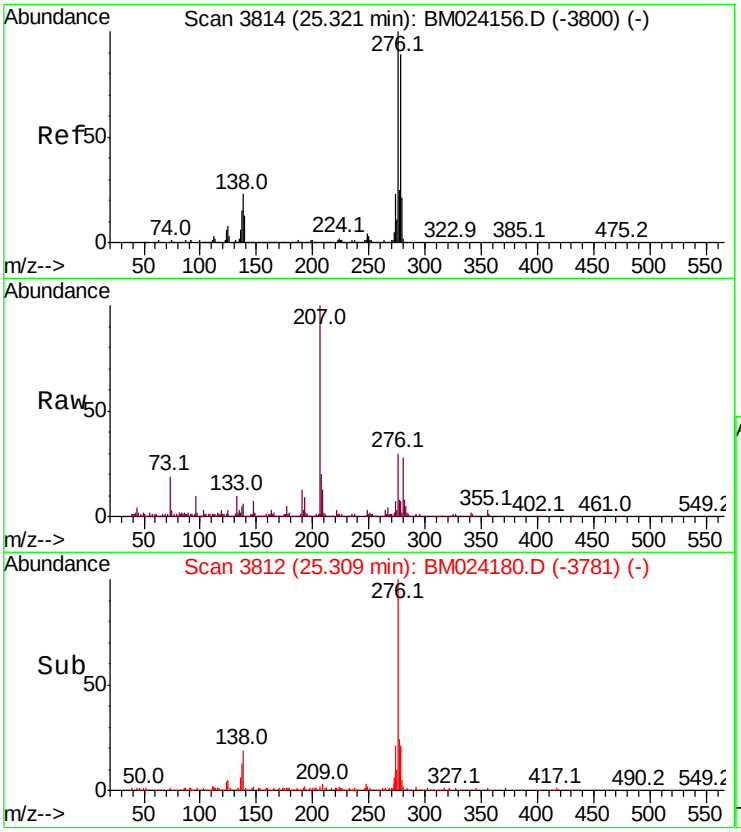


#91
Benzo(a)pyrene
Concen: 2.654 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. -0.02 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:252 Resp: 254541

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.6	8.2	12.4#



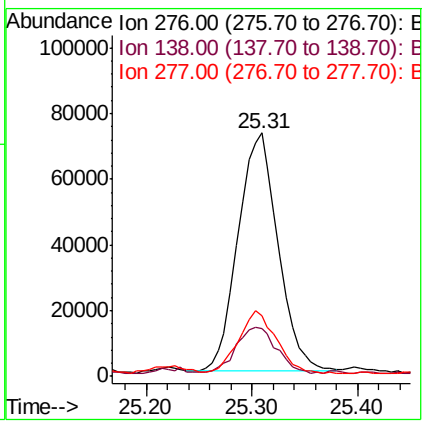


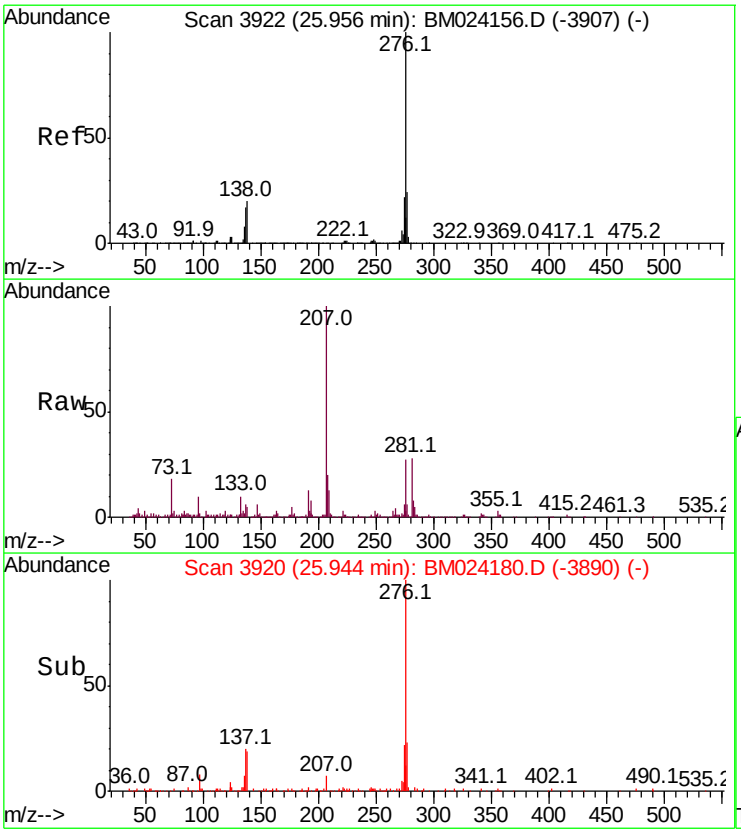
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.657 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 190880

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.3	27.5
277	25.1	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.100 ng/ul
RT: 25.94 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM024180.D
Acq: 19 Dec 2019 18:47

Tgt Ion:276 Resp: 197472

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.3	22.9
277	23.8	19.3	28.9