Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011492.D
Acq On : 18 Aug 2020 19:43
Operator : CG/JU
Sample : L3611-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFM5

Quant Time: Aug 19 02:21:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	162226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	630193	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	387758	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	861453	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	991739	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	1031452	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	3341	0.99	ng/uL	0.00
5) Phenol-d5	6.63	99	145728	12.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	83499	14.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	127364	12.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	123955	13.31	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	64862	13.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	72005	13.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	128158	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	151772	12.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	461220	15.28	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	514815	14.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	52647	10.29	ng/ul	0.00
58) Fluorene-d10	15.07	176	380902	14.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	53360	9.34	ng/ul	0.00
71) Anthracene-d10	16.92	188	562088	13.66	ng/ul	0.00
79) Pyrene-d10	19.23	212	687043	13.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	703439	12.28	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.54	163	46531	1.501	ng/ul#	94
70) Phenanthrene	16.86	178	67194	1.315	ng/ul	96
77) Fluoranthene	18.89	202	223942	3.582	ng/ul	98
80) Pyrene	19.26	202	190282	2.727	ng/ul	97
83) Benzo(a)anthracene	21.02	228	106086	1.608	ng/ul	96
85) Chrysene	21.02	228	109894	1.677	ng/ul	98
88) Benzo(b)fluoranthene	22.53	252	212490	2.947	ng/ul#	96
91) Benzo(a)pyrene	23.06	252	105339	1.585	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.19	276	99884	1.173	ng/ul	95

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

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION
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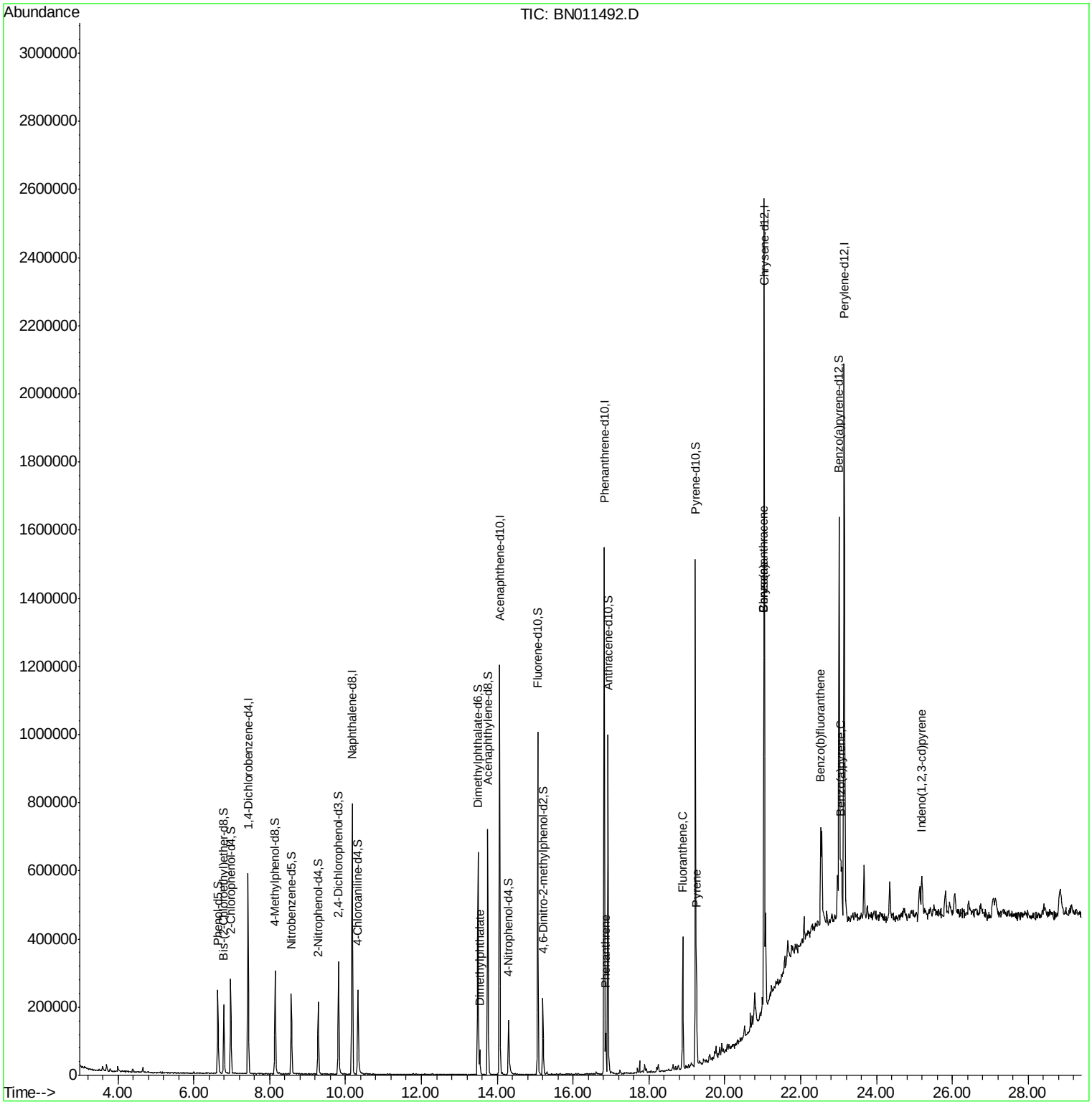
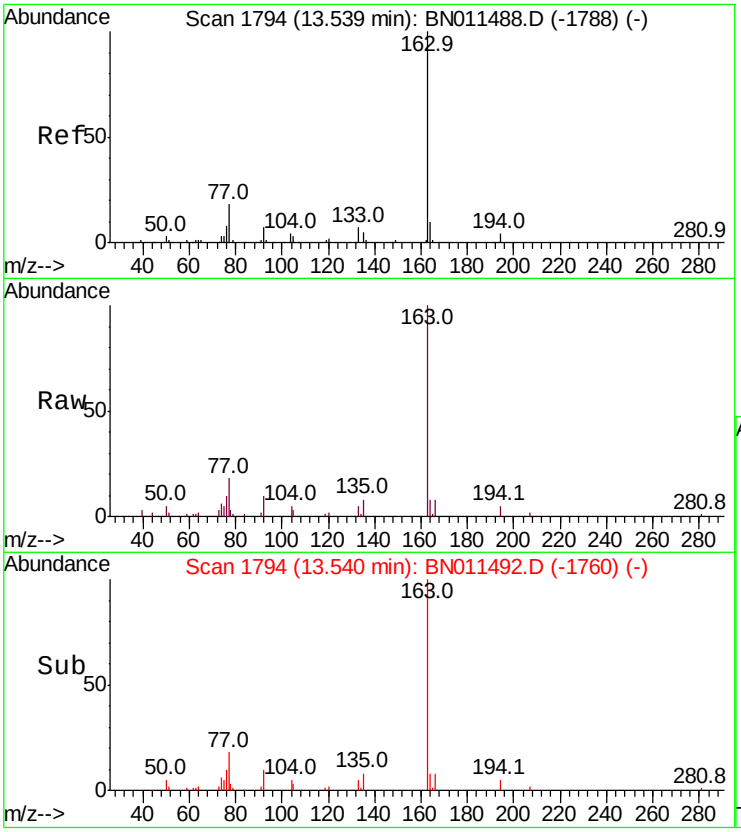


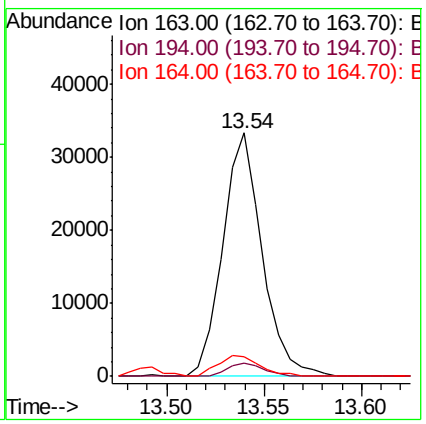


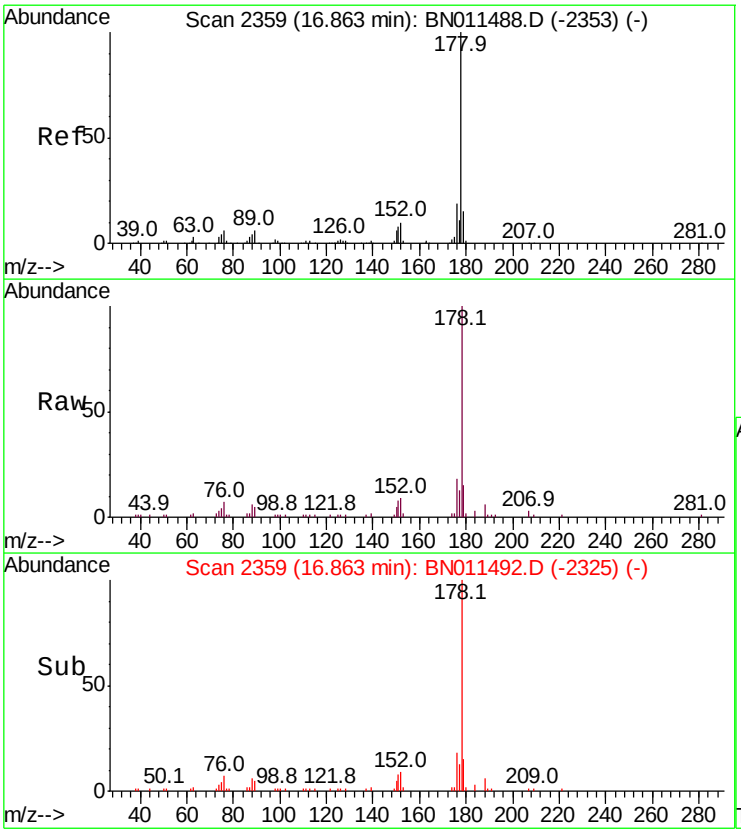
#45
Dimethylphthalate
Concen: 1.501 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Instrument :
BNA_N
ClientSampleId :
DBFM5

Tgt Ion:163 Resp: 46531

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	8.1	8.7	13.1#

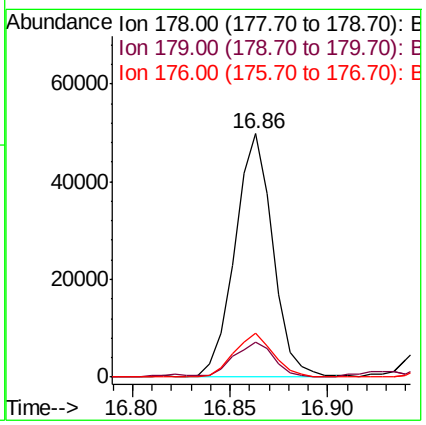


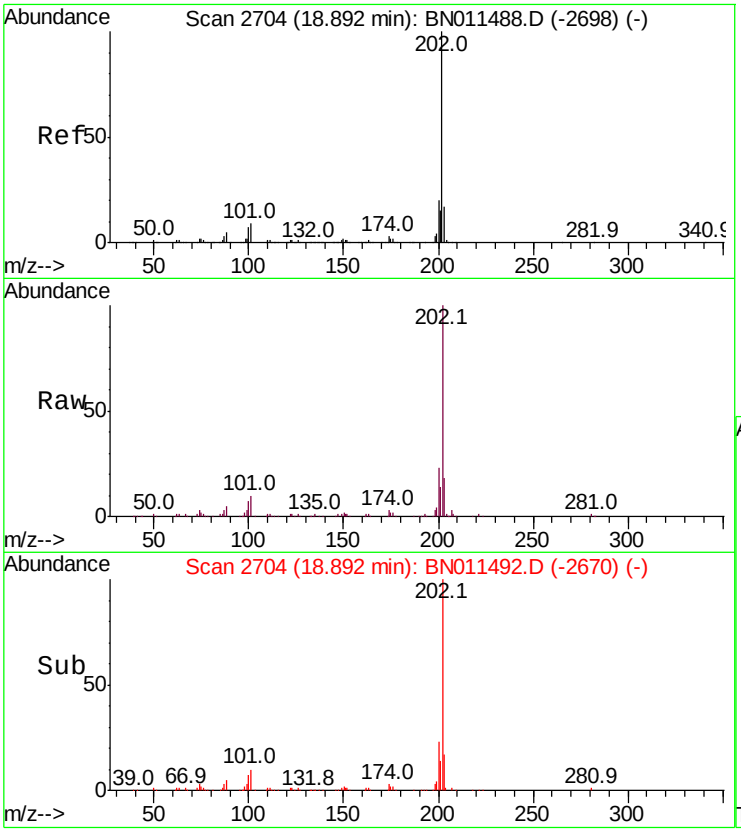


#70
Phenanthrene
Concen: 1.315 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Tgt Ion:178 Resp: 67194

Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.1	19.7
176	17.9	15.7	23.5



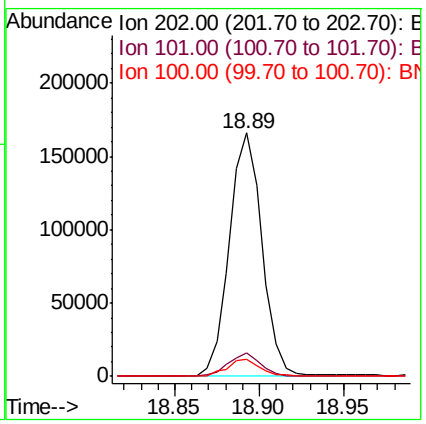


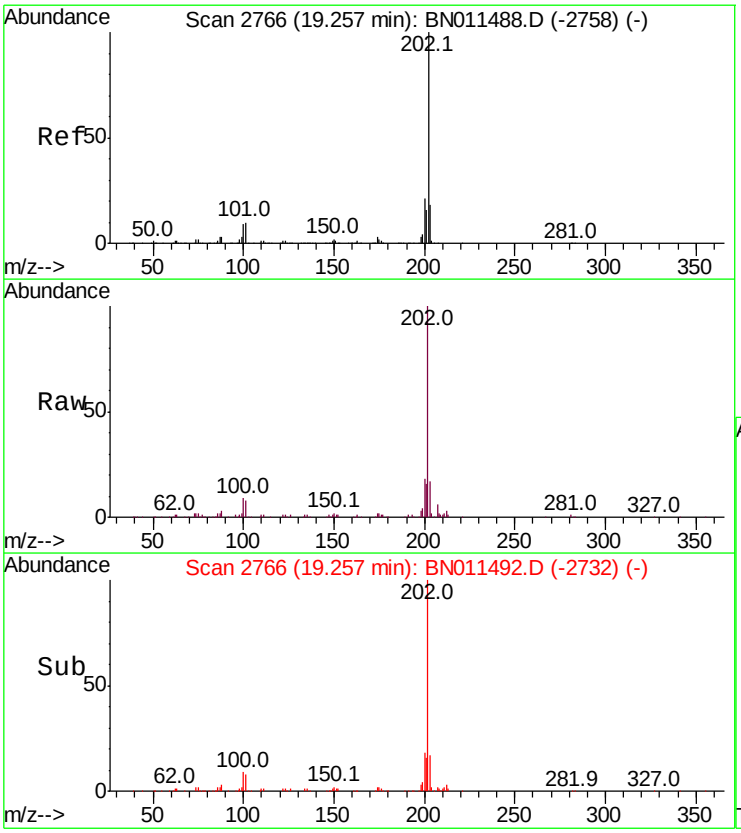
#77
Fluoranthene
Concen: 3.582 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Instrument :
BNA_N
ClientSampleId :
DBFM5

Tgt Ion:202 Resp: 223942

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.3	10.9
100	7.1	5.2	7.8

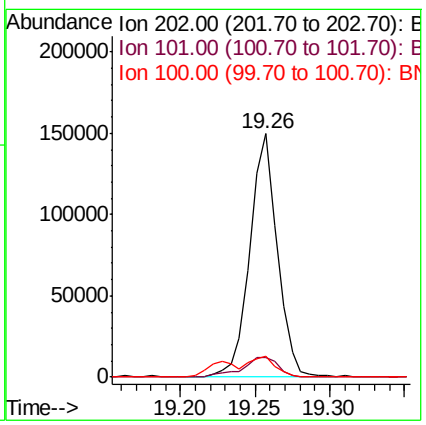


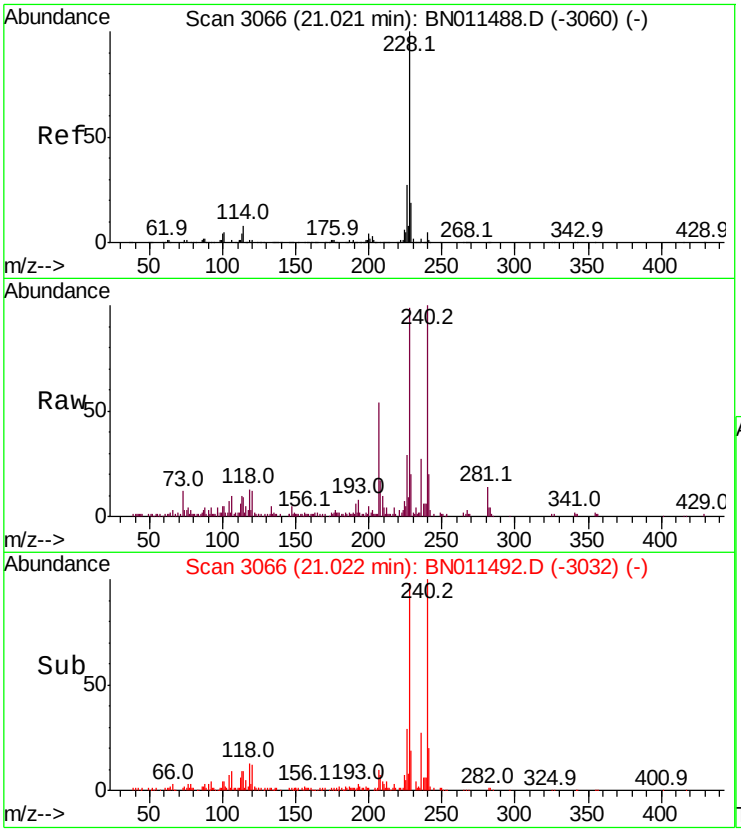


#80
Pyrene
Concen: 2.727 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Tgt Ion:202 Resp: 190282

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.8	11.8
100	8.5	6.5	9.7



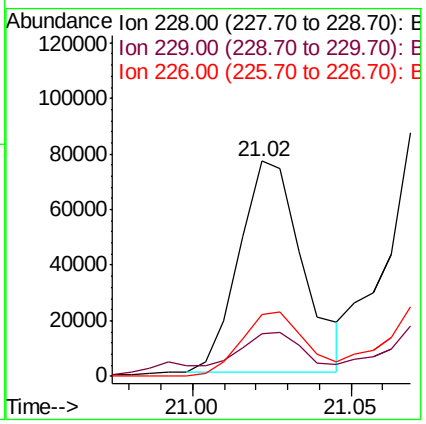


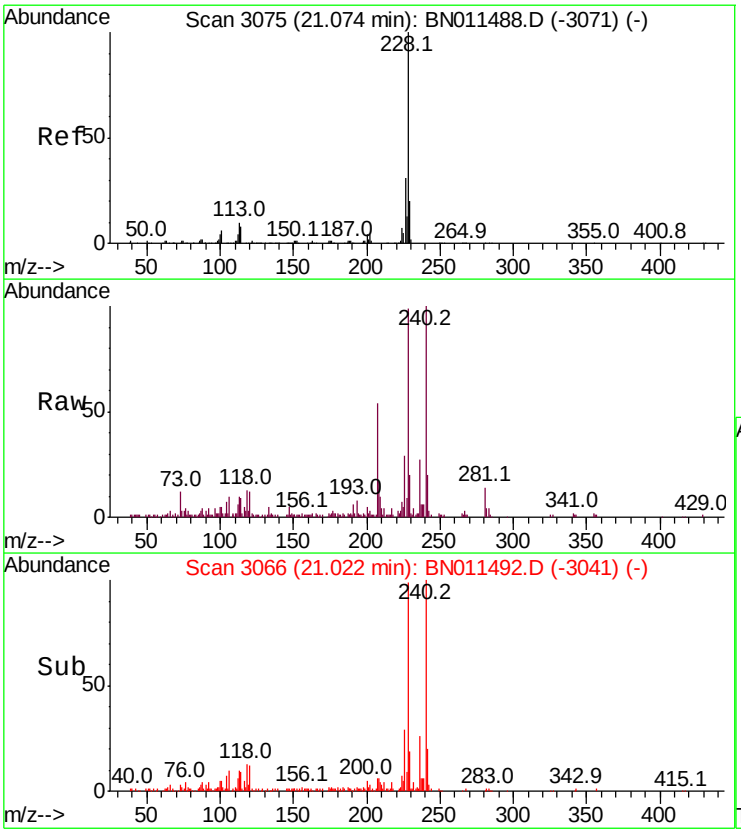
#83
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Instrument :
BNA_N
ClientSampleId :
DBFM5

Tgt Ion:228 Resp: 106086

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.0	22.4
226	29.0	21.5	32.3

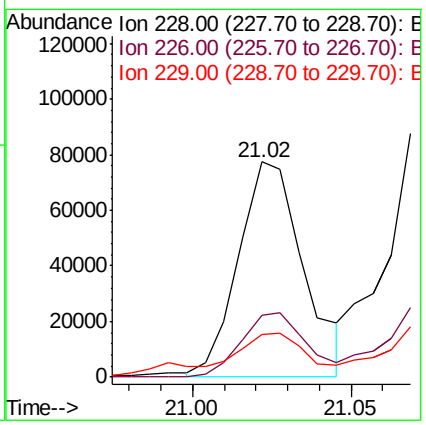


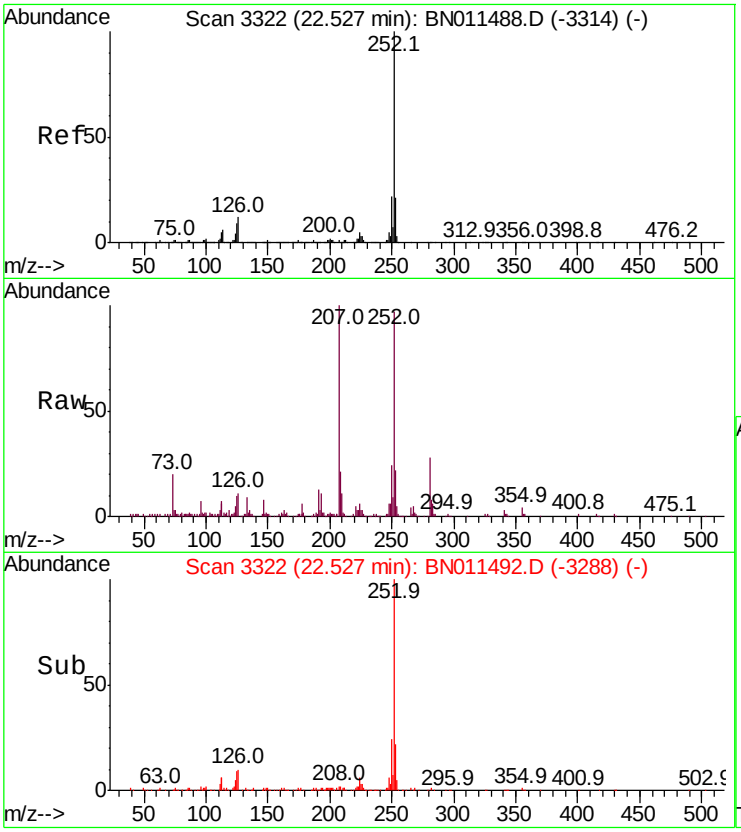


#85
Chrysene
Concen: 1.677 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.05 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Tgt Ion:228 Resp: 109894

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	20.1	15.0	22.6



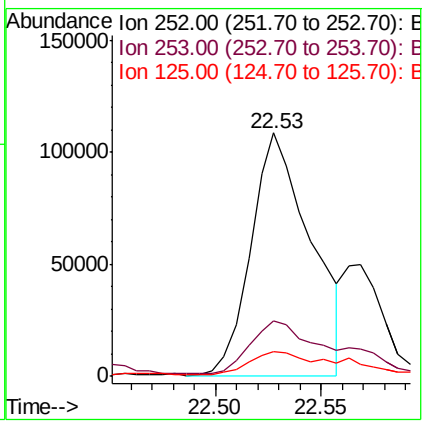


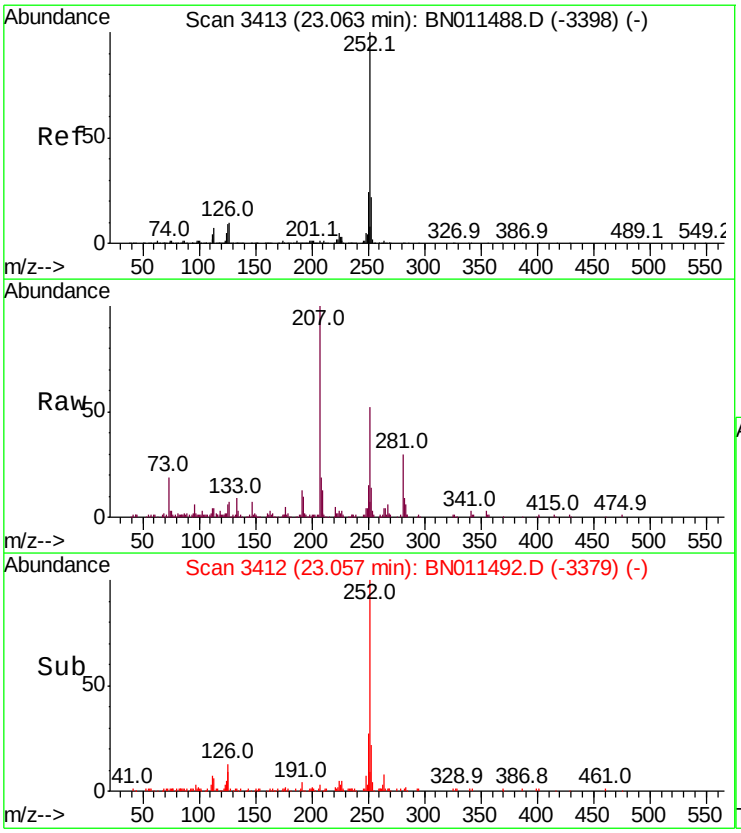
#88
Benzo(b)fluoranthene
Concen: 2.947 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Instrument :
BNA_N
ClientSampleId :
DBFM5

Tgt Ion:252 Resp: 212490

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.2	6.6	9.8#

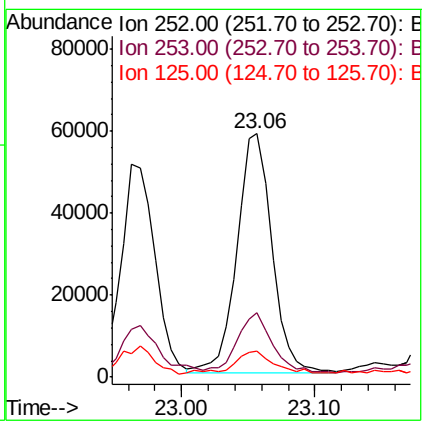


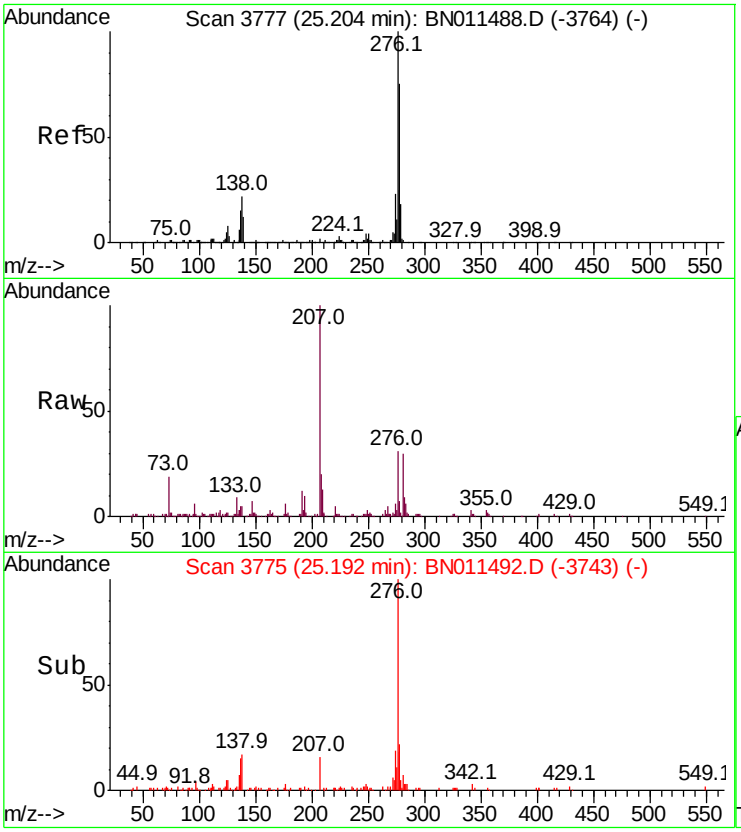


#91
Benzo(a)pyrene
Concen: 1.585 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Tgt Ion:252 Resp: 105339

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.6	25.0#
125	10.6	7.1	10.7





#92
Indeno(1,2,3-cd)pyrene
Concen: 1.173 ng/ul
RT: 25.19 min Scan# 3775
Delta R.T. -0.01 min
Lab File: BN011492.D
Acq: 18 Aug 2020 19:43

Instrument :
BNA_N
ClientSampleId :
DBFM5

Tgt Ion:276 Resp: 99884

Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.0	25.4
277	23.2	18.1	27.1