Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027243.D
Acq On : 26 Aug 2020 11:14
Operator : JU/CG
Sample : L3613-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR3

Quant Time: Aug 26 12:09:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 15:35:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	195041	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.36	136	808048	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	557011	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1251988	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1264919	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1026861	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	11967	3.47	ng/uL	0.00
5) Phenol-d5	6.78	99	259029	16.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	192822	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	208943	17.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	150681	11.87	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	110518	17.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	124963	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	227829	14.96	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	247897	15.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	821250	18.58	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	882089	16.88	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.44	143	112040	15.03	ng/ul	-0.01
58) Fluorene-d10	15.23	176	674002	17.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	114146	13.98	ng/ul	-0.01
71) Anthracene-d10	17.08	188	1009522	16.99	ng/ul	0.00
79) Pyrene-d10	19.38	212	1264251	17.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1058551	18.49	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	266795	5.816	ng/ul	98
70) Phenanthrene	17.02	178	121401	1.699	ng/ul	98
77) Fluoranthene	19.04	202	287948	3.364	ng/ul	99
80) Pyrene	19.41	202	223498	2.291	ng/ul	97
83) Benzo(a)anthracene	21.16	228	116546	1.389	ng/ul	99
85) Chrysene	21.22	228	129167	1.608	ng/ul	97
88) Benzo(b)fluoranthene	22.72	252	154275	2.107	ng/ul	98
91) Benzo(a)pyrene	23.27	252	85877	1.337	ng/ul#	89

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

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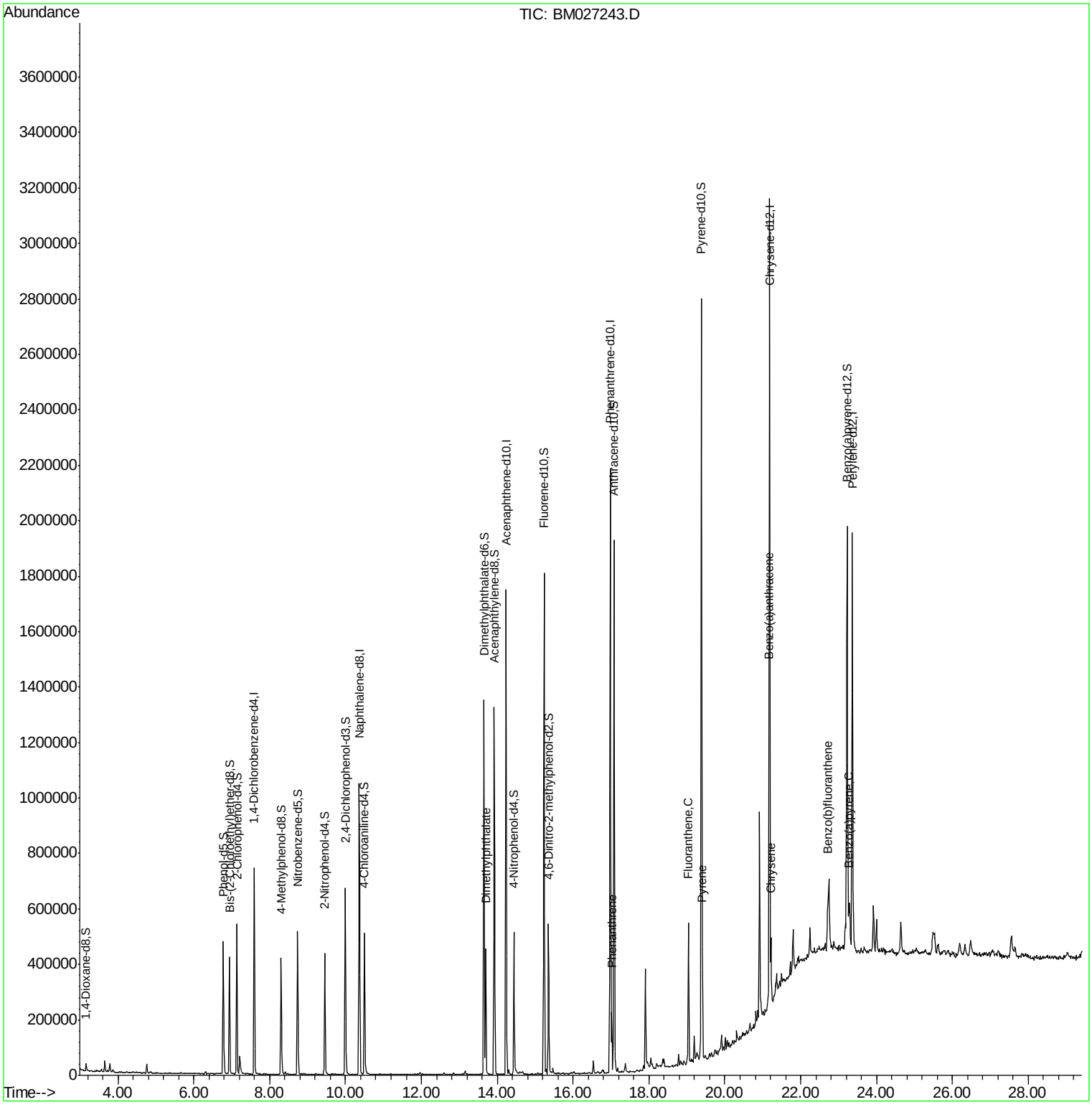
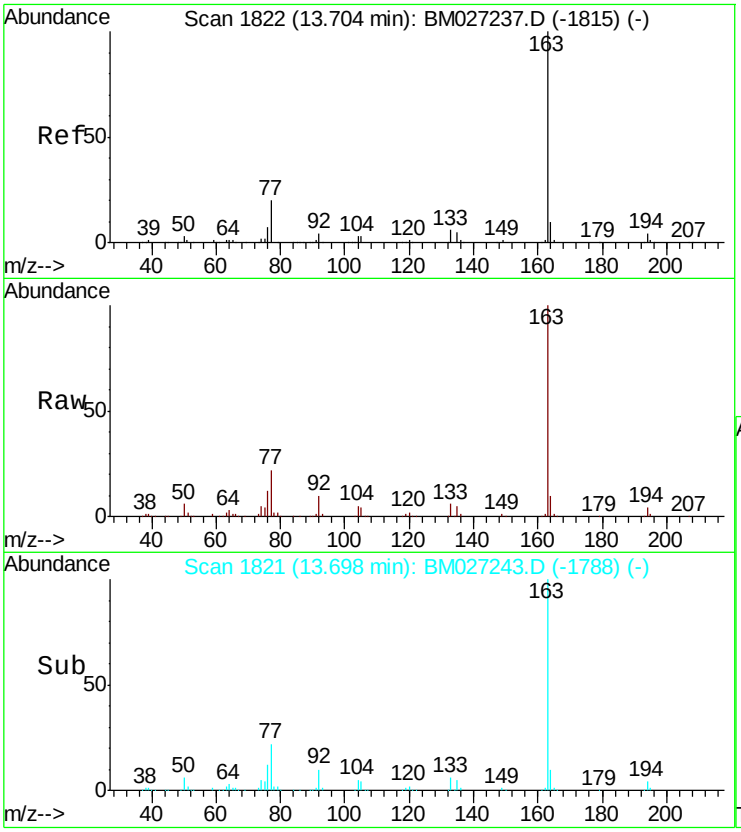


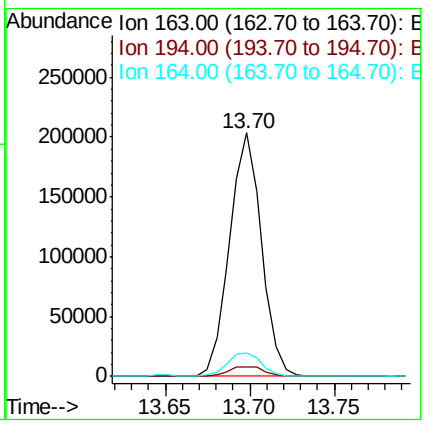


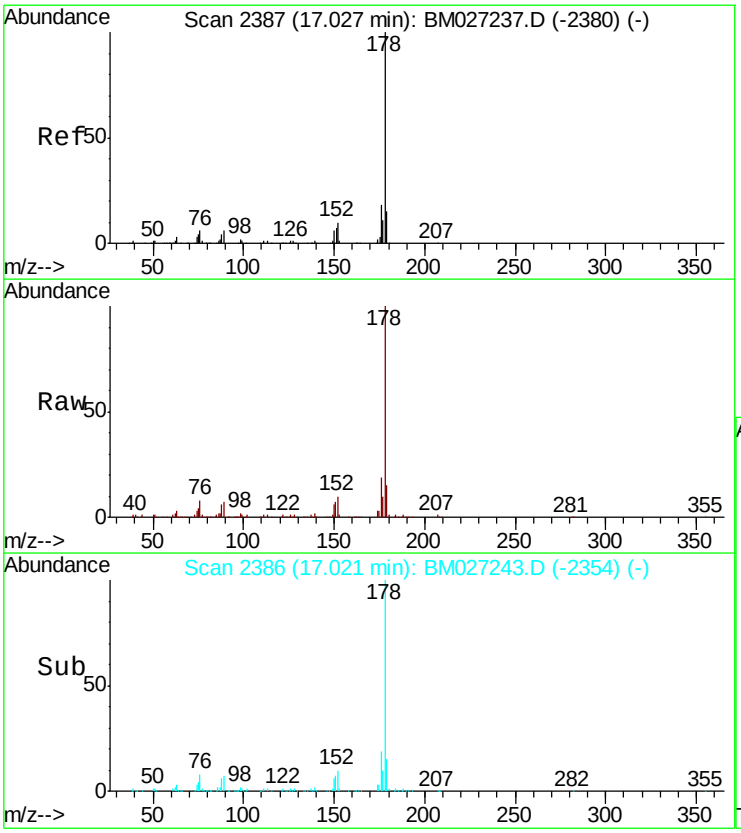
#45
Dimethylphthalate
Concen: 5.816 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Instrument :
BNA_M
ClientSampleId :
DBFR3

Tgt Ion:163 Resp: 266795

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.5	8.2	12.2

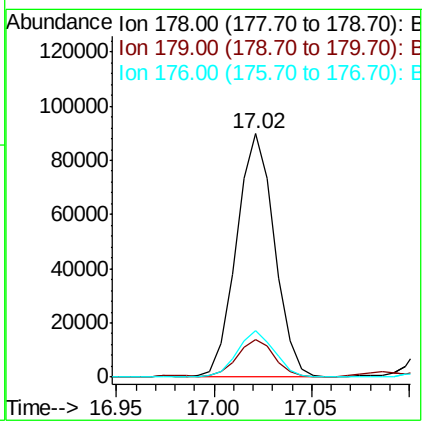


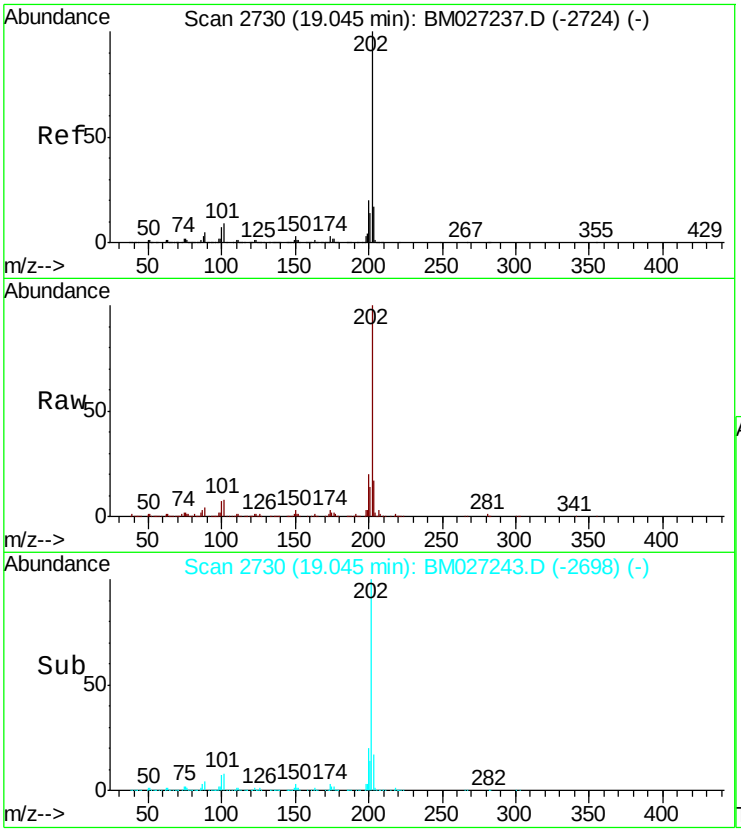


#70
Phenanthrene
Concen: 1.699 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Tgt Ion:178 Resp: 121401

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	19.3	14.6	22.0



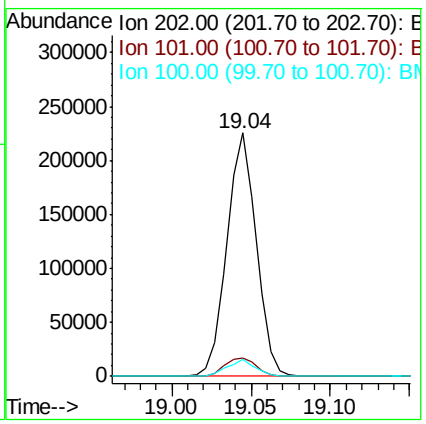


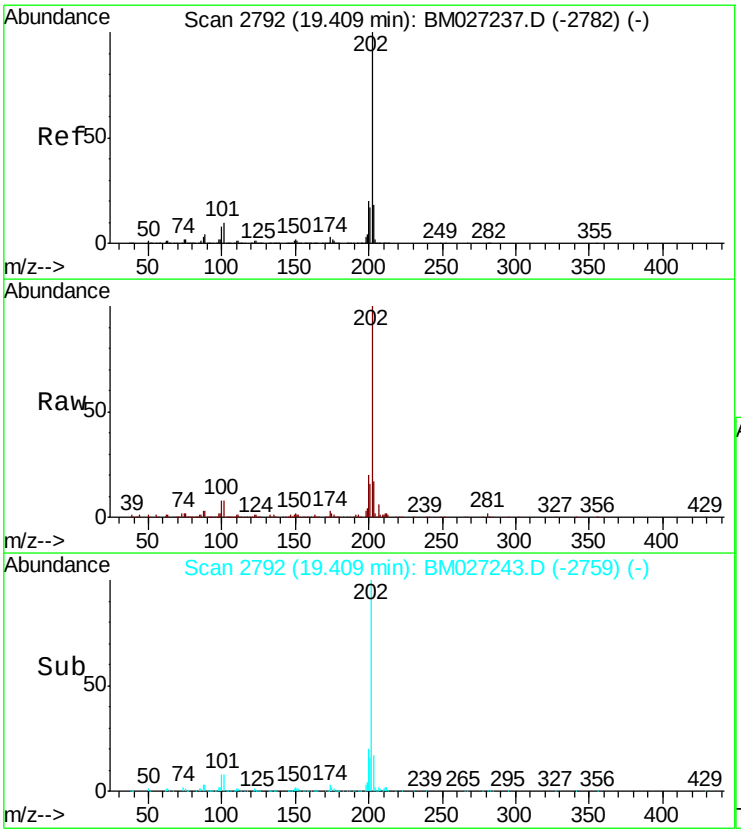
#77
Fluoranthene
Concen: 3.364 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Instrument :
BNA_M
ClientSampleId :
DBFR3

Tgt Ion:202 Resp: 287948

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.4	9.6
100	6.9	5.0	7.6

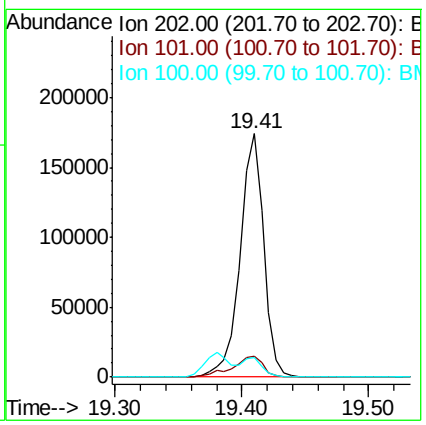


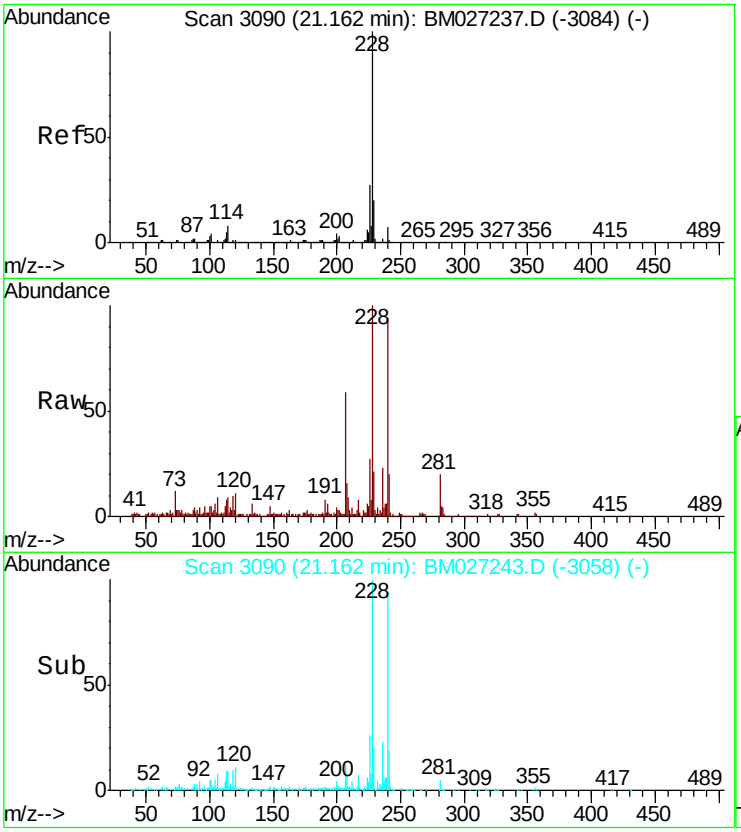


#80
Pyrene
Concen: 2.291 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Tgt Ion:202 Resp: 223498

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.0	12.0
100	8.3	6.8	10.2



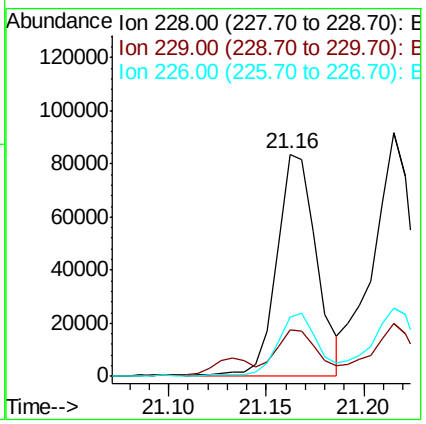


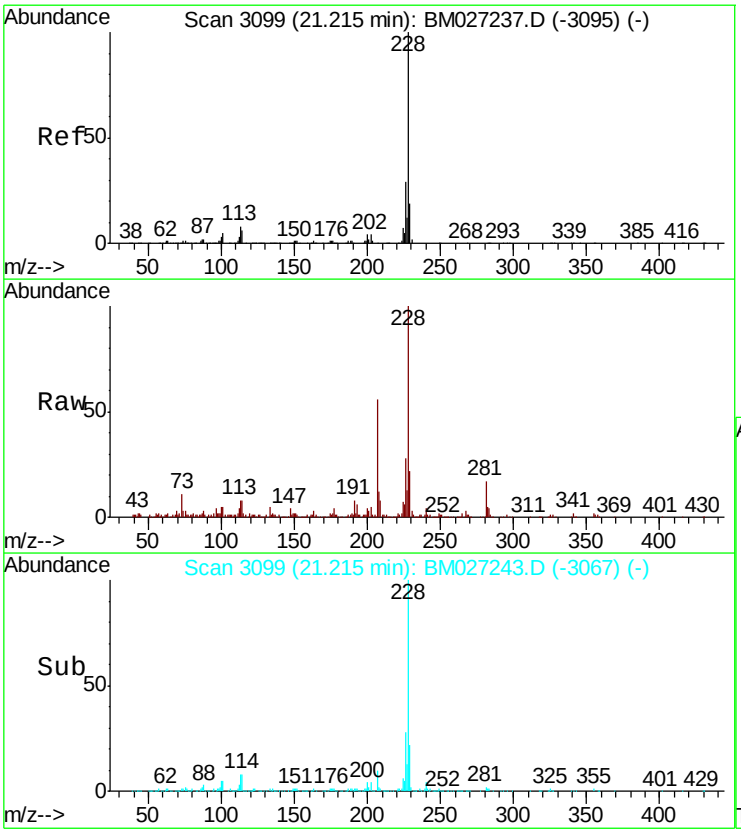
#83
Benzo(a)anthracene
Concen: 1.389 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Instrument :
BNA_M
ClientSampleId :
DBFR3

Tgt Ion:228 Resp: 116546

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	26.5	21.1	31.7

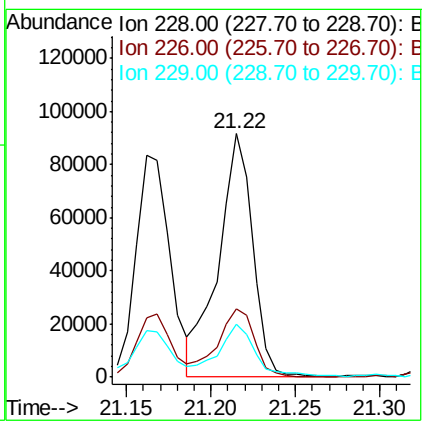


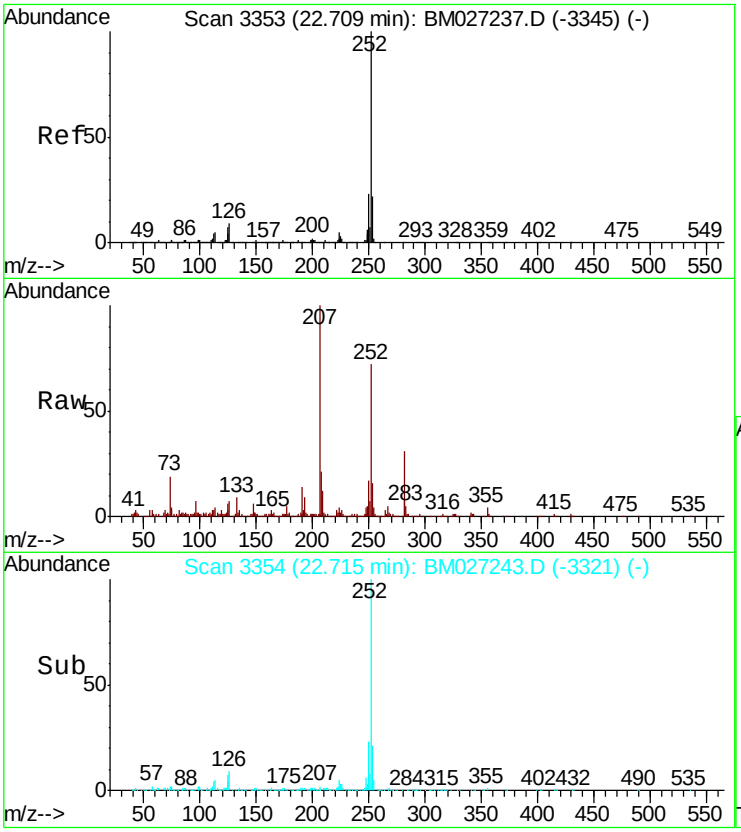


#85
Chrysene
Concen: 1.608 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Tgt Ion:228 Resp: 129167

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	22.0	15.5	23.3



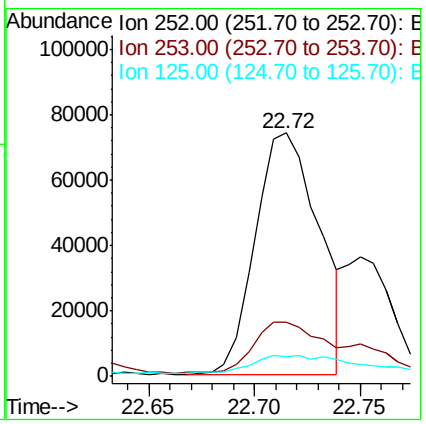


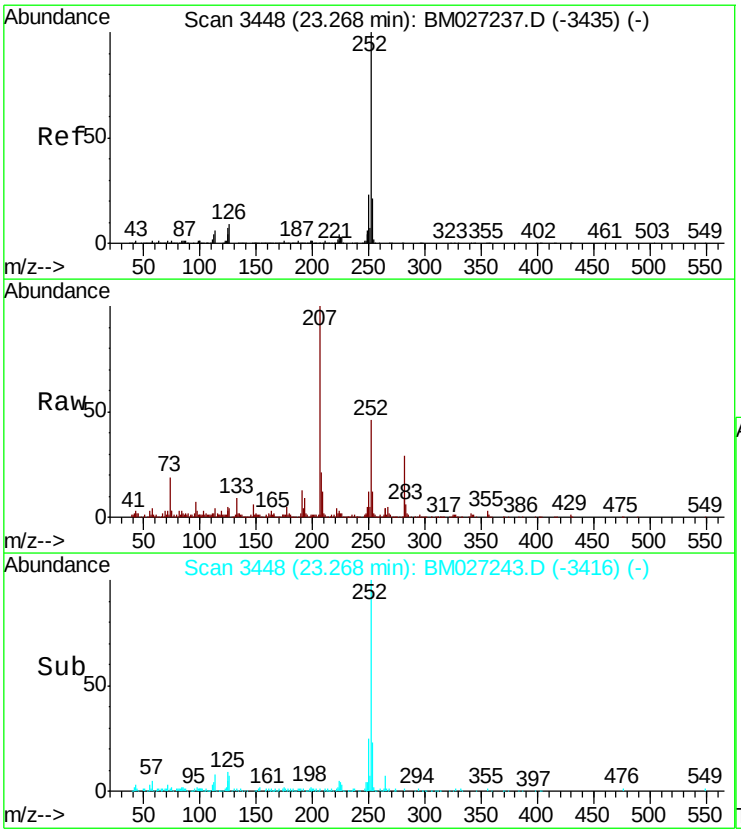
#88
Benzo(b)fluoranthene
Concen: 2.107 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Instrument :
BNA_M
ClientSampleId :
DBFR3

Tgt Ion:252 Resp: 154275

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.1	5.6	8.4





#91
Benzo(a)pyrene
Concen: 1.337 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BM027243.D
Acq: 26 Aug 2020 11:14

Tgt Ion:252 Resp: 85877

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.4#
125	11.2	6.0	9.0#