Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027339.D
Acq On : 04 Sep 2020 20:33
Operator : JU/CG
Sample : L3840-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB0

Quant Time: Sep 05 01:43:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 05 01:38:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	148580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	596467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	435780	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1035391	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1279795	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1248440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	11264	3.37	ng/uL	0.00
5) Phenol-d5	6.76	99	189564	15.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	141984	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	153108	17.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	159837	16.00	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	78995	17.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	87015	17.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	171380	16.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	205928	16.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	661503	19.08	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	724408	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	66551	10.90	ng/ul	0.00
58) Fluorene-d10	15.21	176	556308	17.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	66784	10.08	ng/ul	0.00
71) Anthracene-d10	17.06	188	885641	18.09	ng/ul	0.00
79) Pyrene-d10	19.36	212	1149440	20.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1245348	18.60	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.67	163	254379	6.961	ng/ul	99
77) Fluoranthene	19.02	202	85625	1.172	ng/ul	99
80) Pyrene	19.39	202	178293	2.303	ng/ul	99
83) Benzo(a)anthracene	21.14	228	115353	1.391	ng/ul	97
85) Chrysene	21.19	228	226267	2.762	ng/ul	99
88) Benzo(b)fluoranthene	22.69	252	370175	4.491	ng/ul#	98
89) Benzo(k)fluoranthene	22.72	252	150749	1.824	ng/ul	97
91) Benzo(a)pyrene	23.23	252	216850	2.820	ng/ul	98

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

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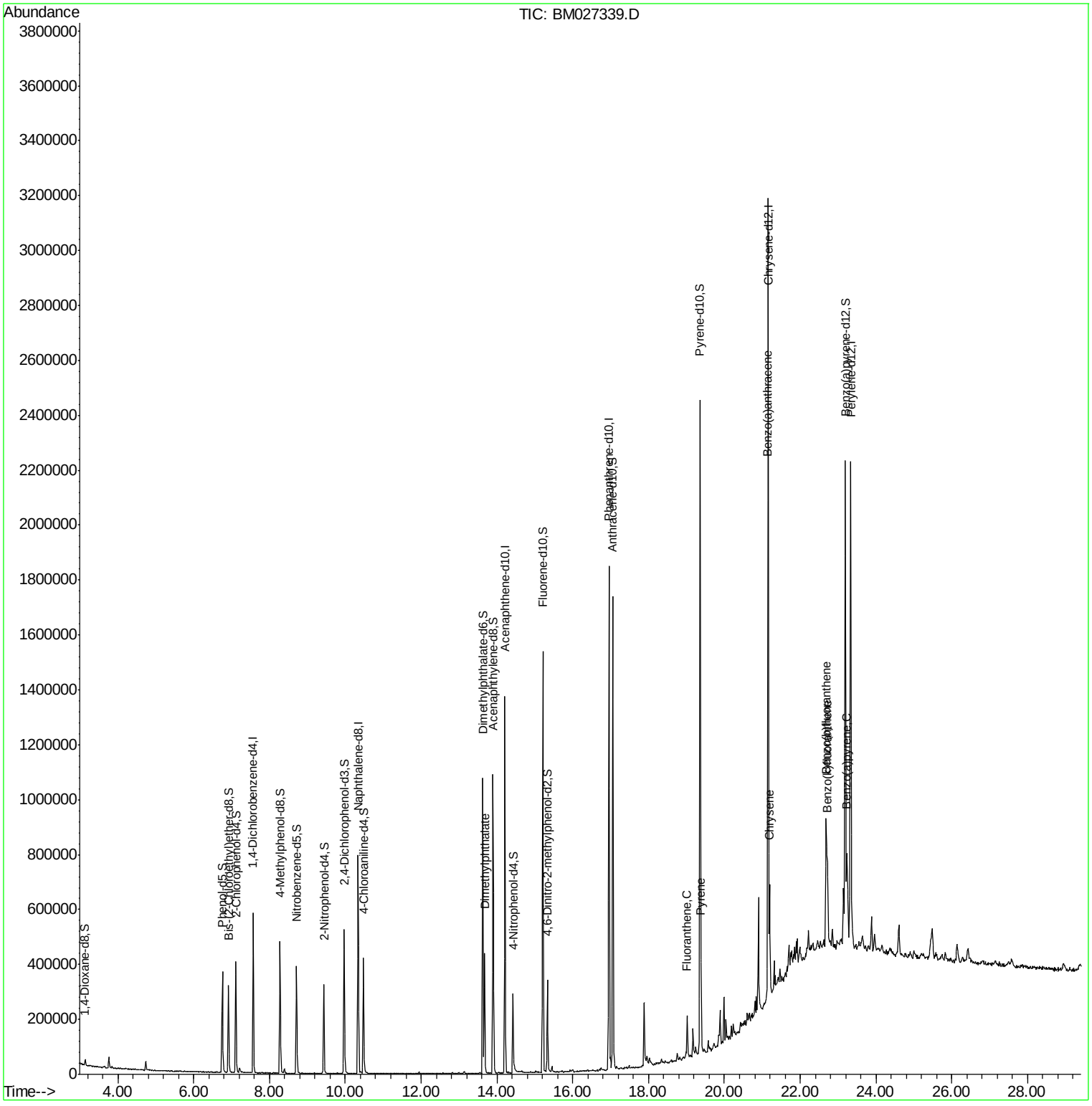
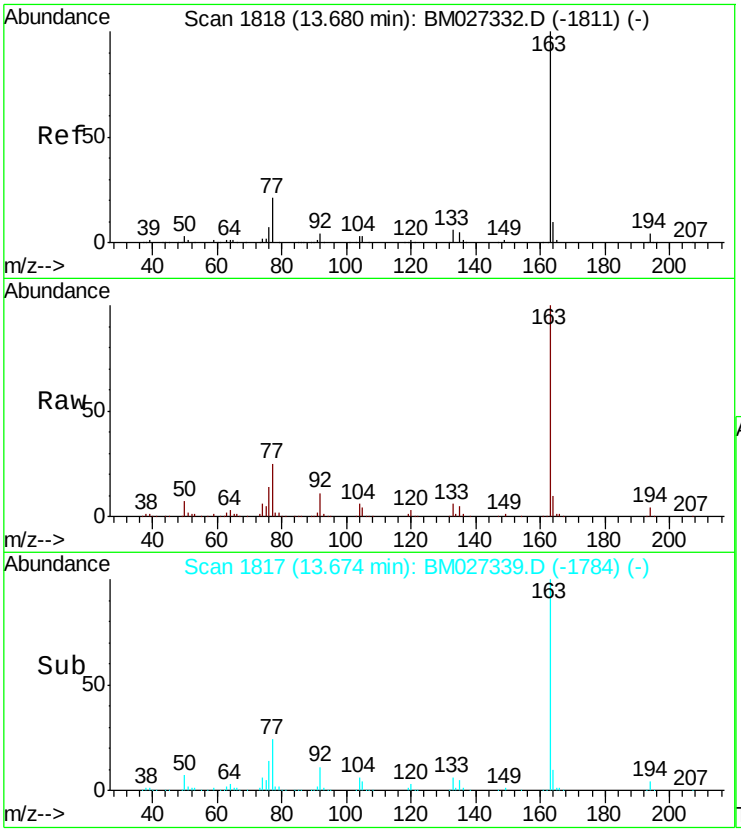


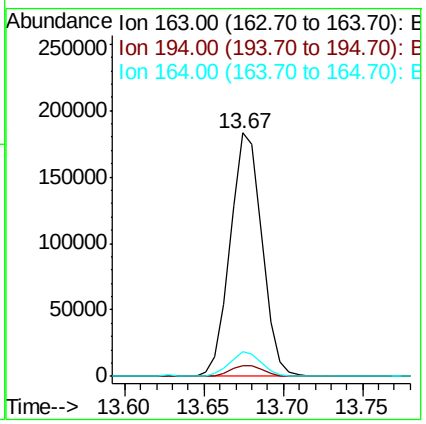


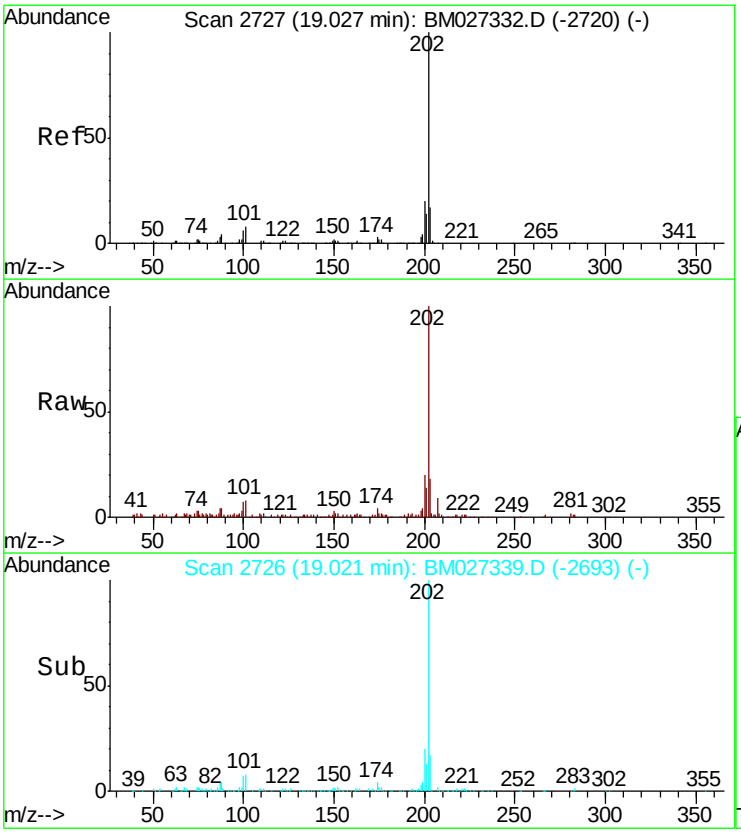
#45
Dimethylphthalate
Concen: 6.961 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:163 Resp: 254379

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	8.1	12.1

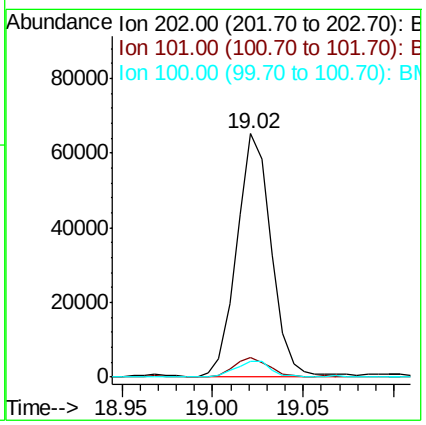


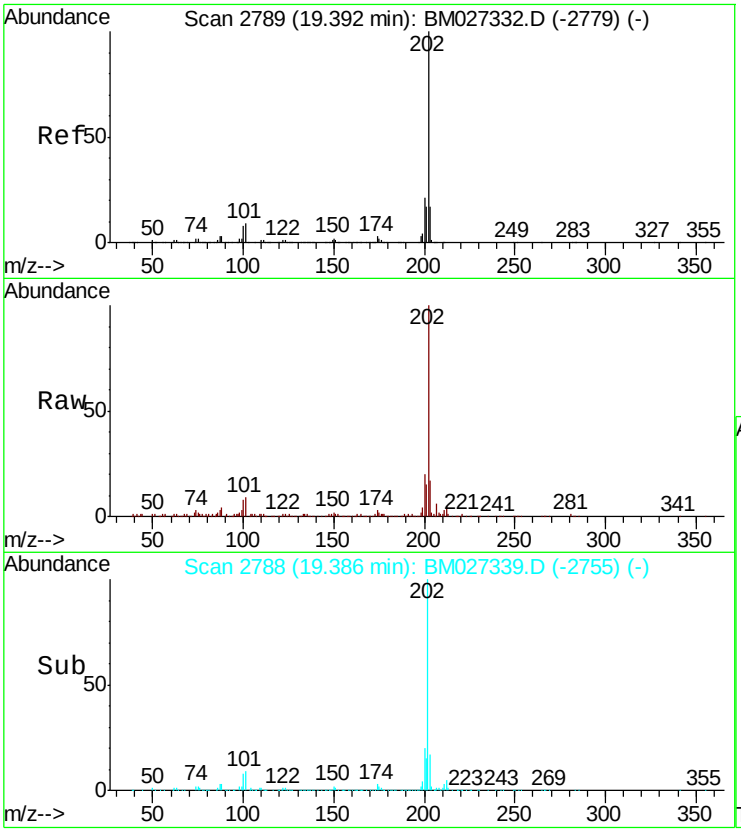


#77
Fluoranthene
Concen: 1.172 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Tgt Ion:202 Resp: 85625

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.2
100	6.6	5.0	7.6



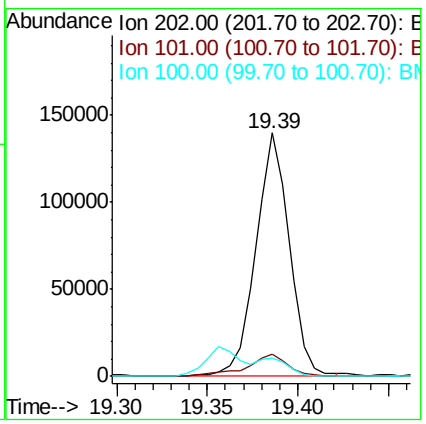


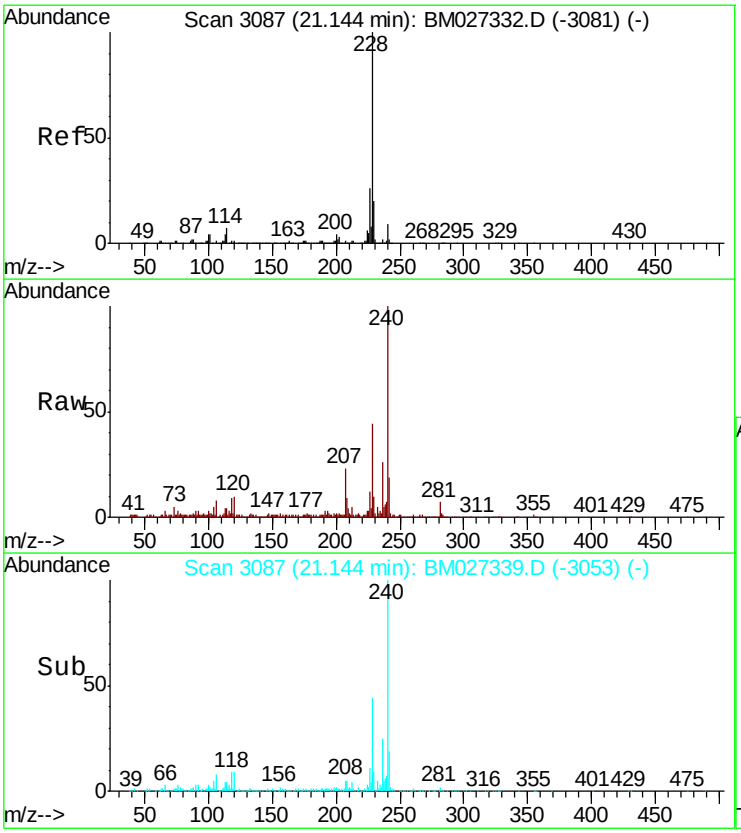
#80
Pyrene
Concen: 2.303 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:202 Resp: 178293

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.6	6.1	9.1

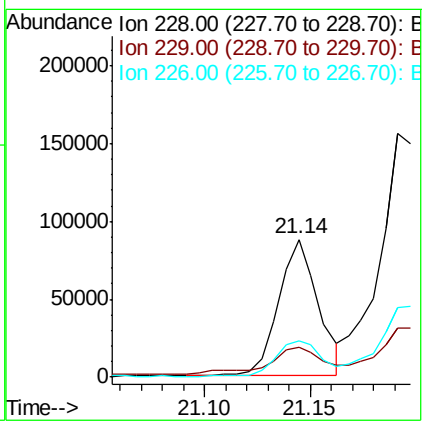


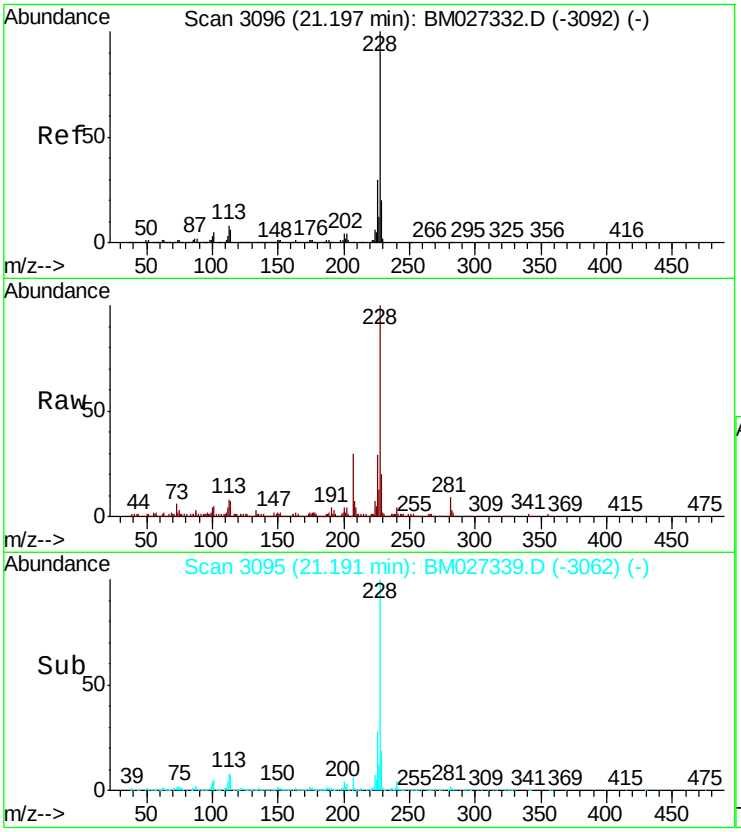


#83
Benzo(a)anthracene
Concen: 1.391 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Tgt Ion:228 Resp: 115353

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	26.0	21.5	32.3



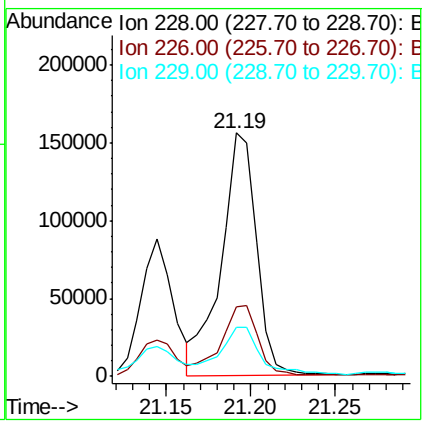


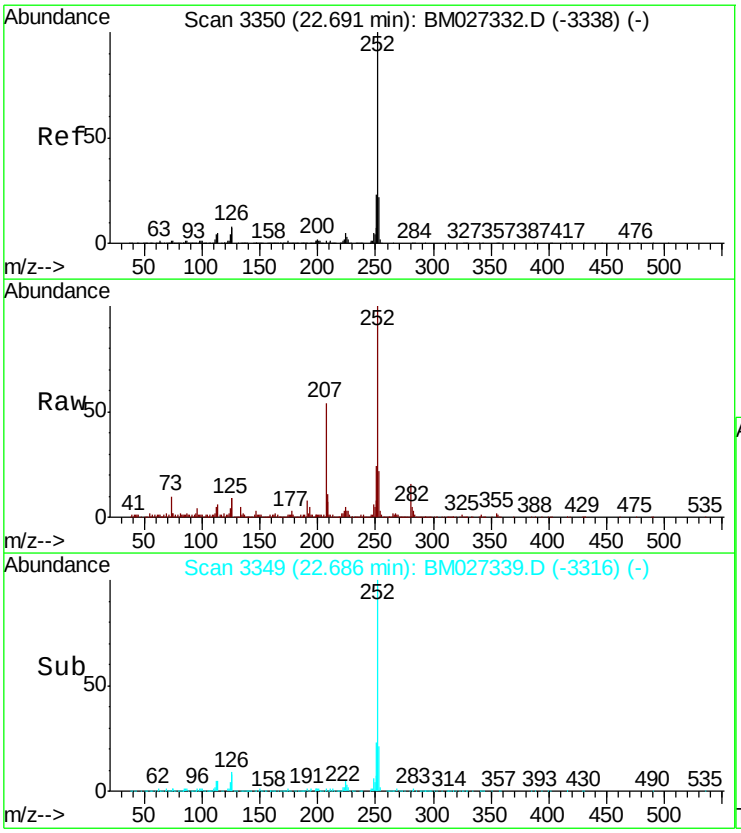
#85
Chrysene
Concen: 2.762 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:228 Resp: 226267

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.0	15.8	23.8

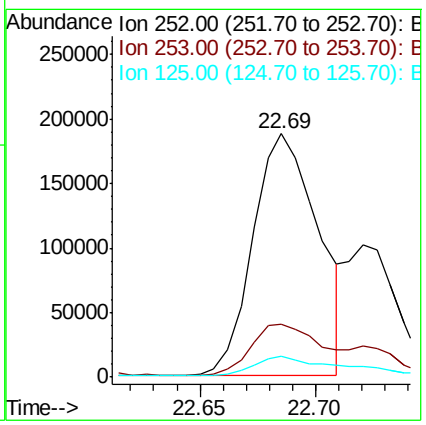


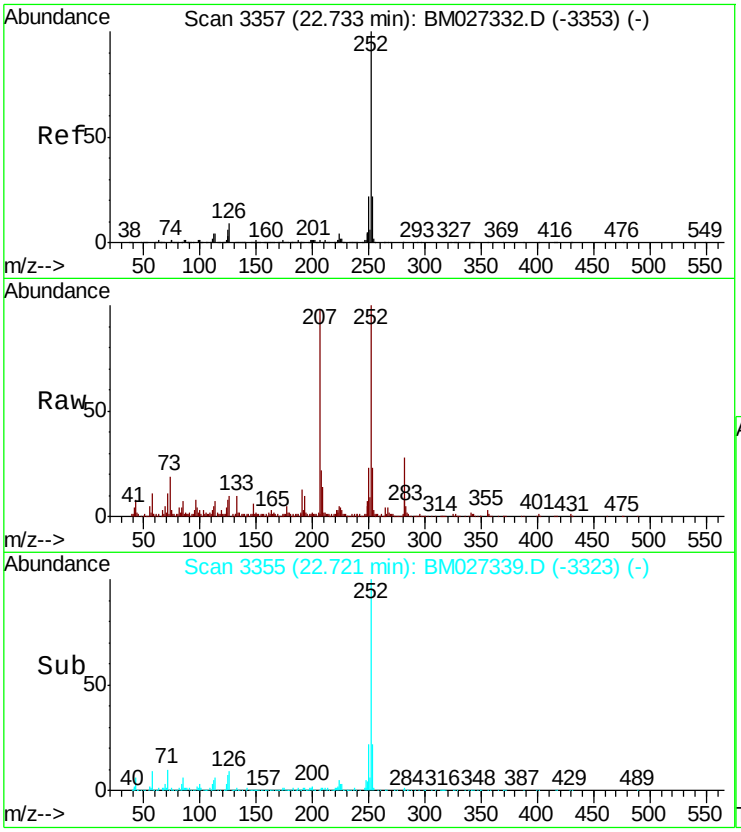


#88
Benzo(b)fluoranthene
Concen: 4.491 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Tgt Ion:252 Resp: 370175

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.7	5.1	7.7#



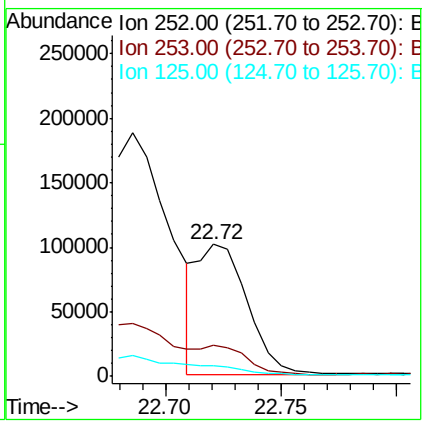


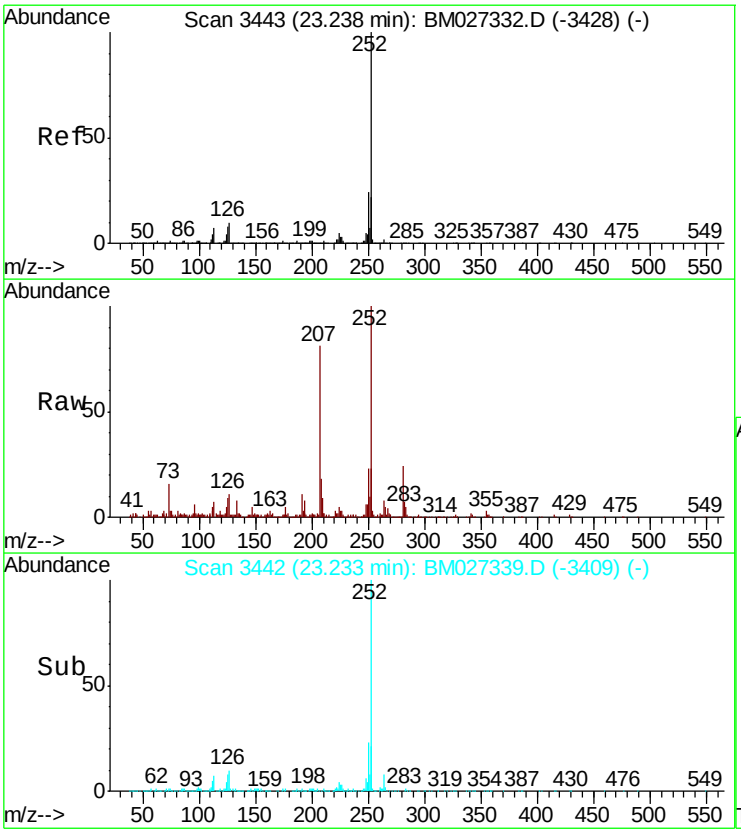
#89
Benzo(k)fluoranthene
Concen: 1.824 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:252 Resp: 150749

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	7.8	5.6	8.4





#91
Benzo(a)pyrene
Concen: 2.820 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Tgt Ion:252 Resp: 216850

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	8.8	6.6	10.0