Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020469.D
Acq On : 21 May 2019 20:43
Operator : JU/SJ
Sample : K2923-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4261

Quant Time: May 22 04:57:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	56283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	204500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	120005	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	294669	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	325135	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	383831	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	7477	4.90	ng/uL	0.00
5) Phenol-d5	6.89	99	95049	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	61890	21.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	74413	22.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	63116	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	32106	24.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	33677	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	66271	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	63080	19.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	218914	25.36	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	266216	24.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	1085	0.87	ng/ul	0.02
57) Fluorene-d10	15.37	176	196003	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	2907	1.73	ng/ul	0.00
70) Anthracene-d10	17.23	188	305727	24.19	ng/ul	0.00
78) Pyrene-d10	19.53	212	413136	26.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	448003	25.68	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.83	163	64489	7.550	ng/ul#	96
69) Phenanthrene	17.17	178	14069	1.002	ng/ul	96
76) Fluoranthene	19.19	202	35816	2.019	ng/ul	98
79) Pyrene	19.56	202	38715	1.984	ng/ul#	97
82) Benzo(a)anthracene	21.30	228	22242	1.137	ng/ul	99
84) Chrysene	21.36	228	20954	1.120	ng/ul	96
87) Benzo(b)fluoranthene	22.91	252	29153	1.331	ng/ul#	90

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

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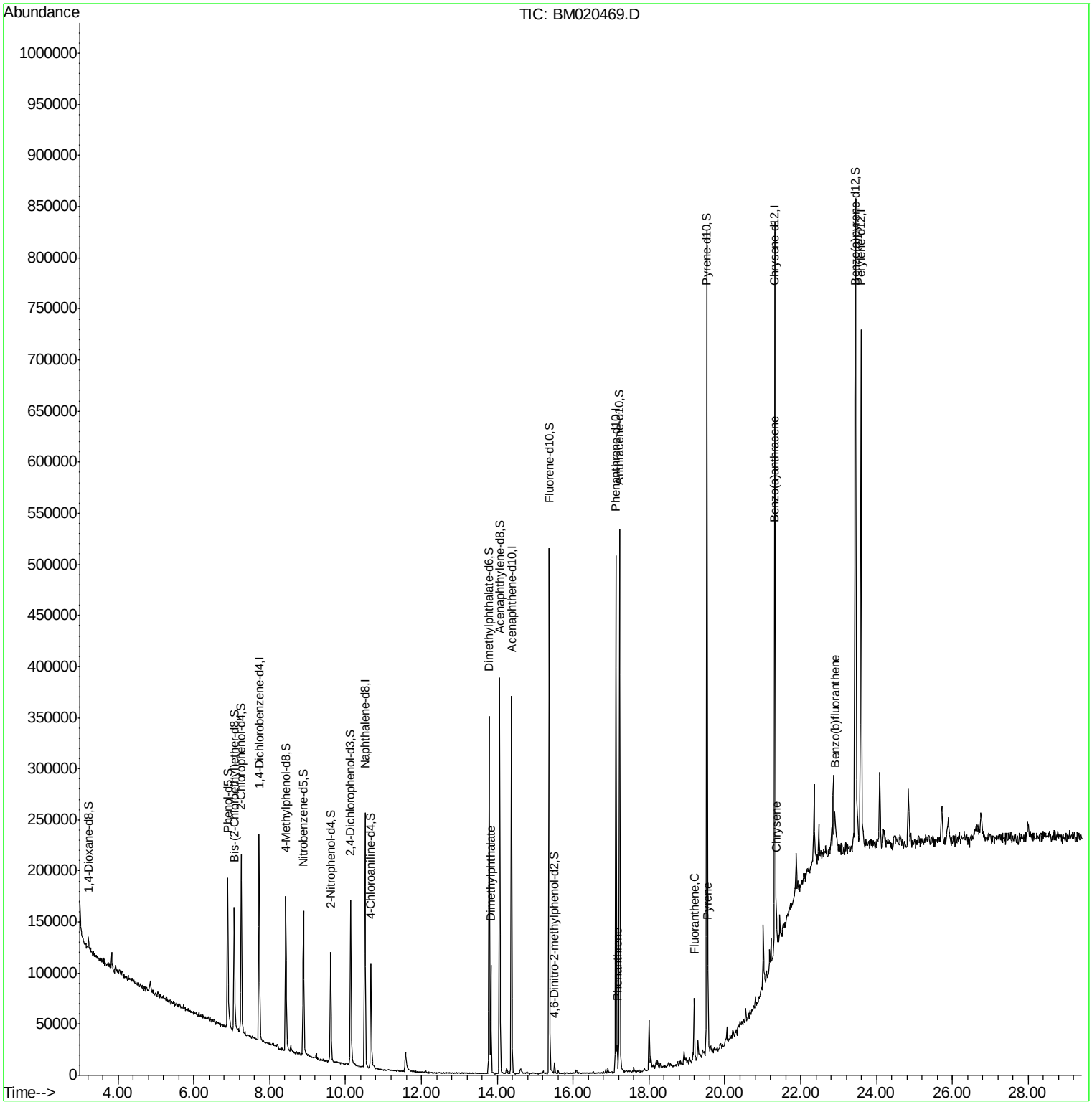
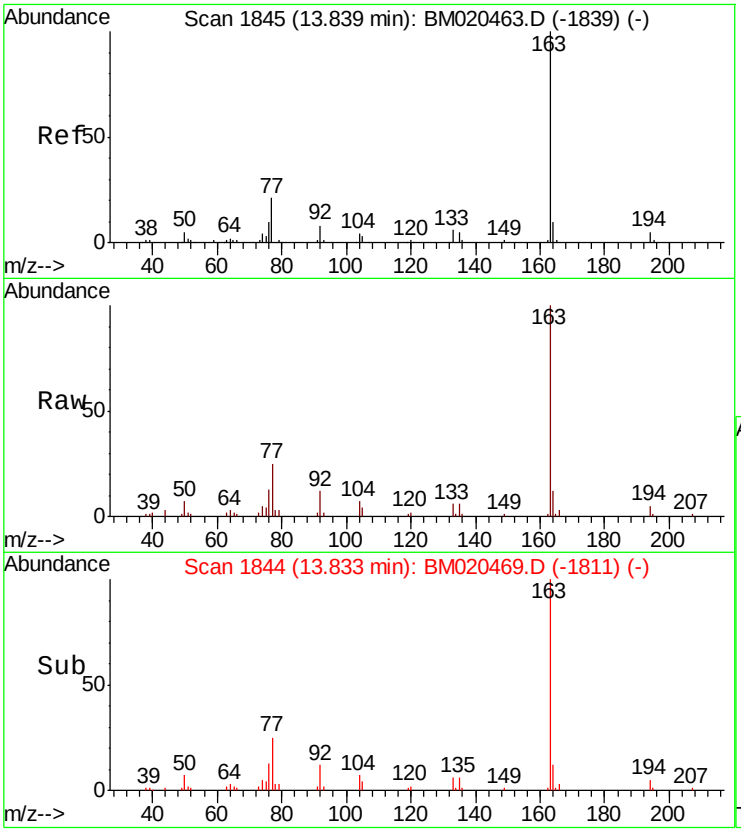


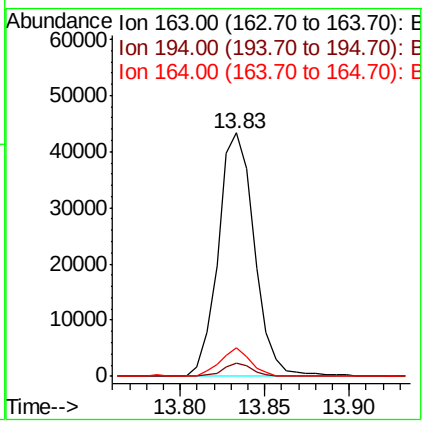


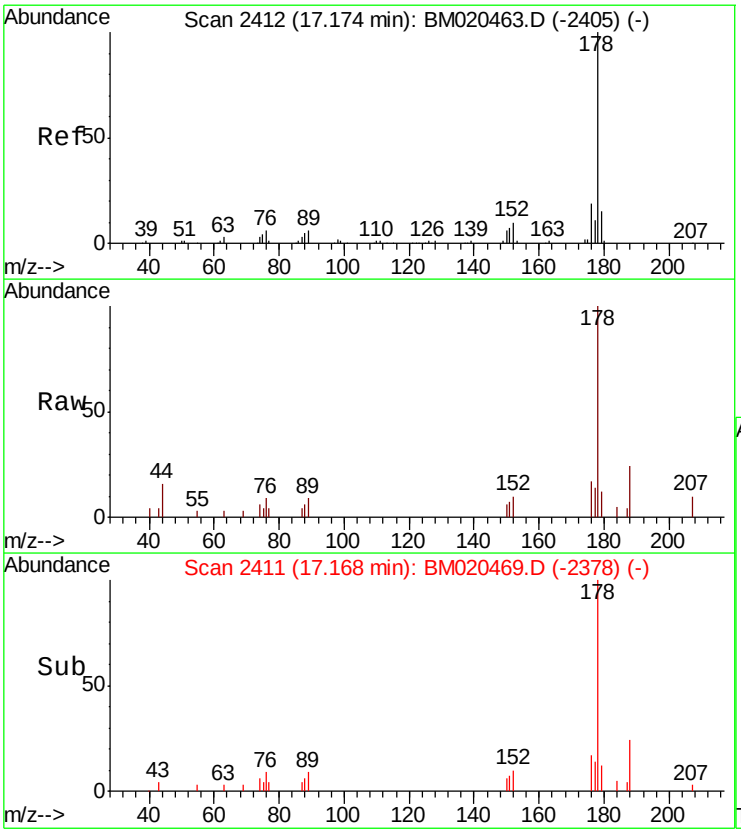
#44
Dimethylphthalate
Concen: 7.550 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Instrument :
BNA_M
ClientSampleId :
A4261

Tgt Ion:163 Resp: 64489

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.3	4.9#
164	11.7	8.0	12.0

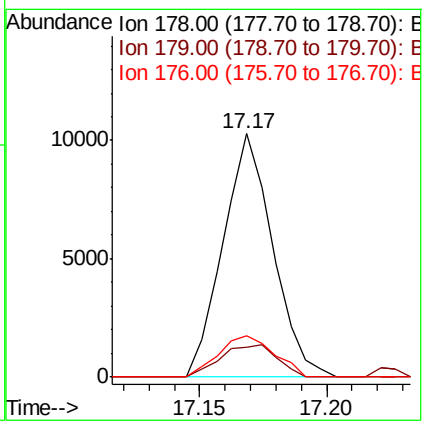


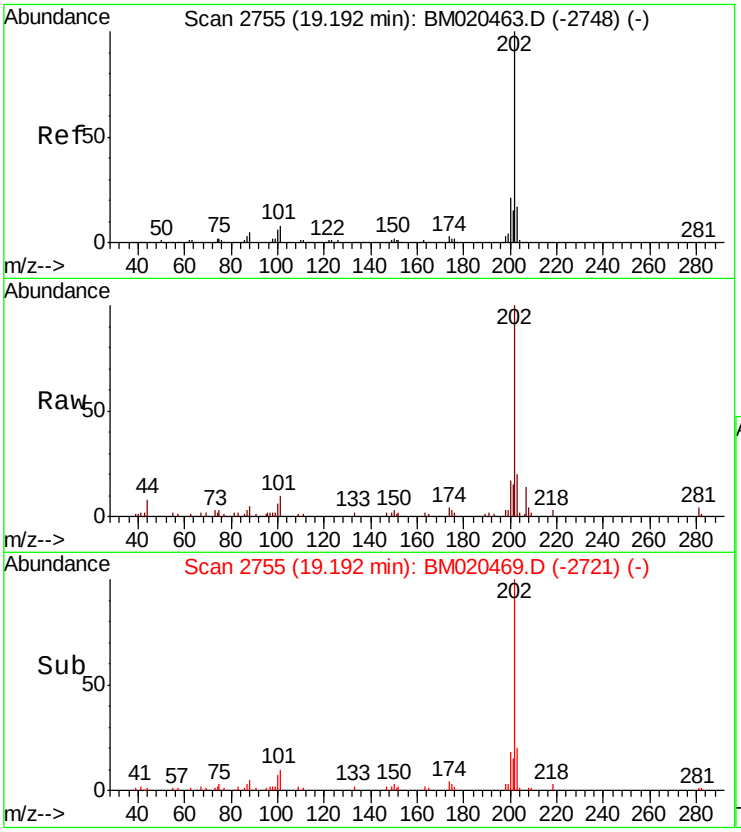


#69
Phenanthrene
Concen: 1.002 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Tgt Ion:178 Resp: 14069

Ion	Ratio	Lower	Upper
178	100		
179	12.4	11.9	17.9
176	17.2	14.6	22.0



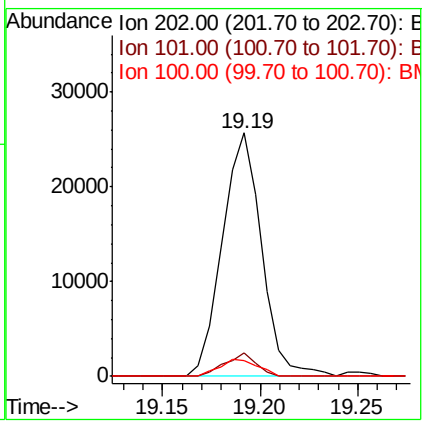


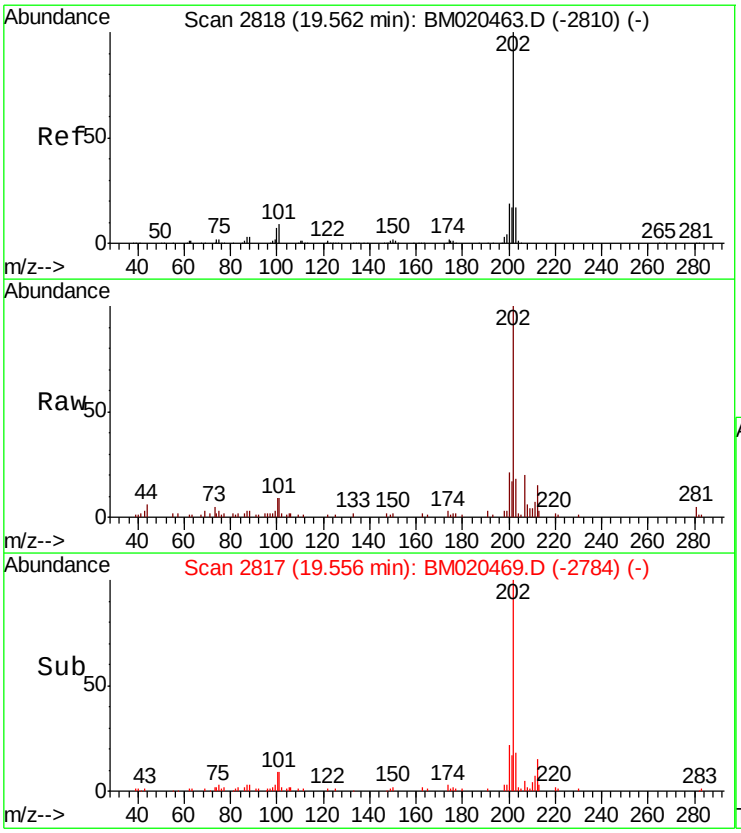
#76
Fluoranthene
Concen: 2.019 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Instrument :
BNA_M
ClientSampleId :
A4261

Tgt Ion:202 Resp: 35816

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.4	9.6
100	6.5	5.2	7.8

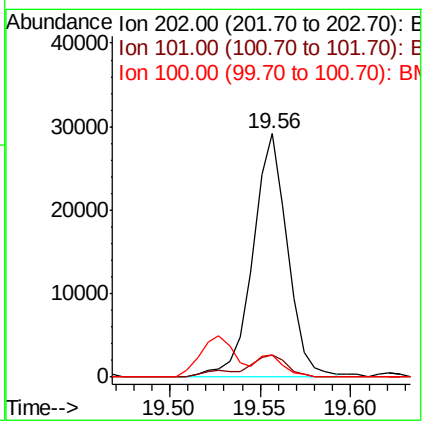


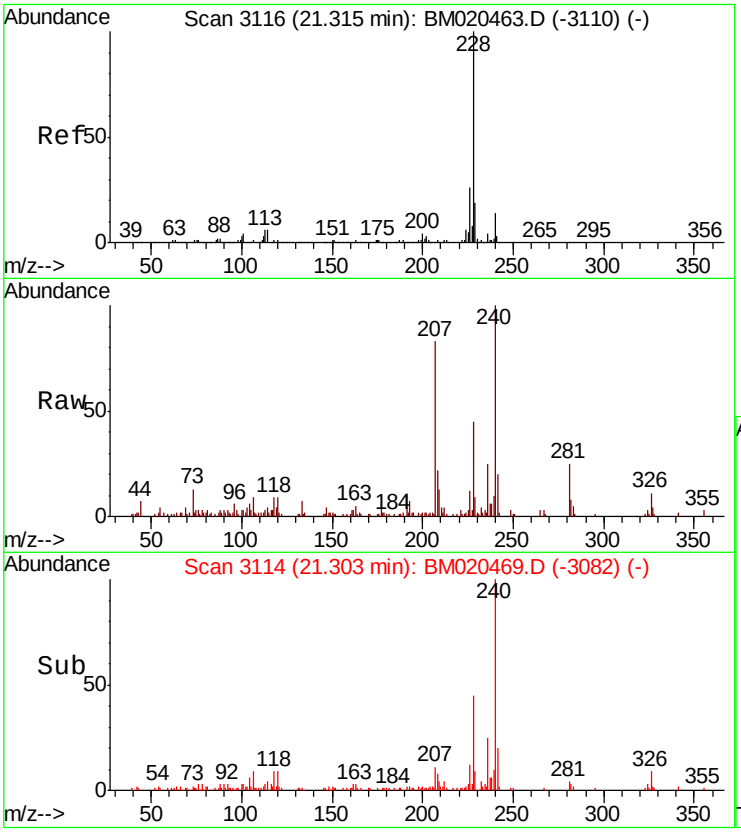


#79
Pyrene
Concen: 1.984 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Tgt Ion:202 Resp: 38715

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	9.1	5.9	8.9#



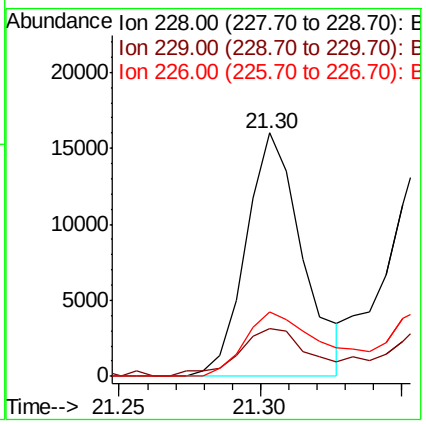


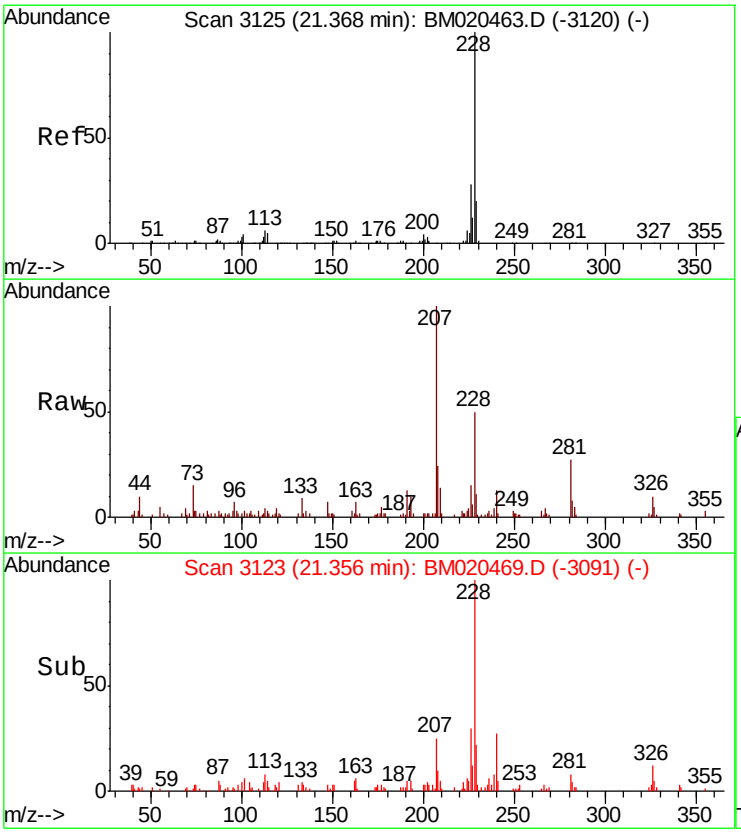
#82
Benzo(a)anthracene
Concen: 1.137 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Instrument :
BNA_M
ClientSampleId :
A4261

Tgt Ion:228 Resp: 22242

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	26.5	20.6	30.8

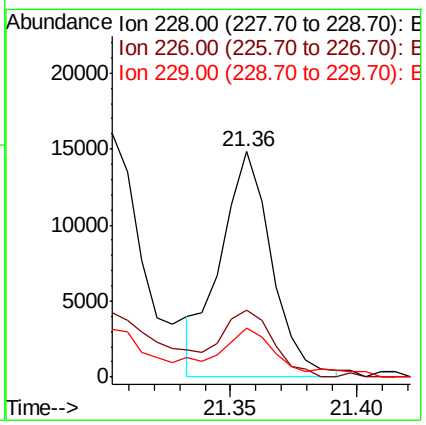


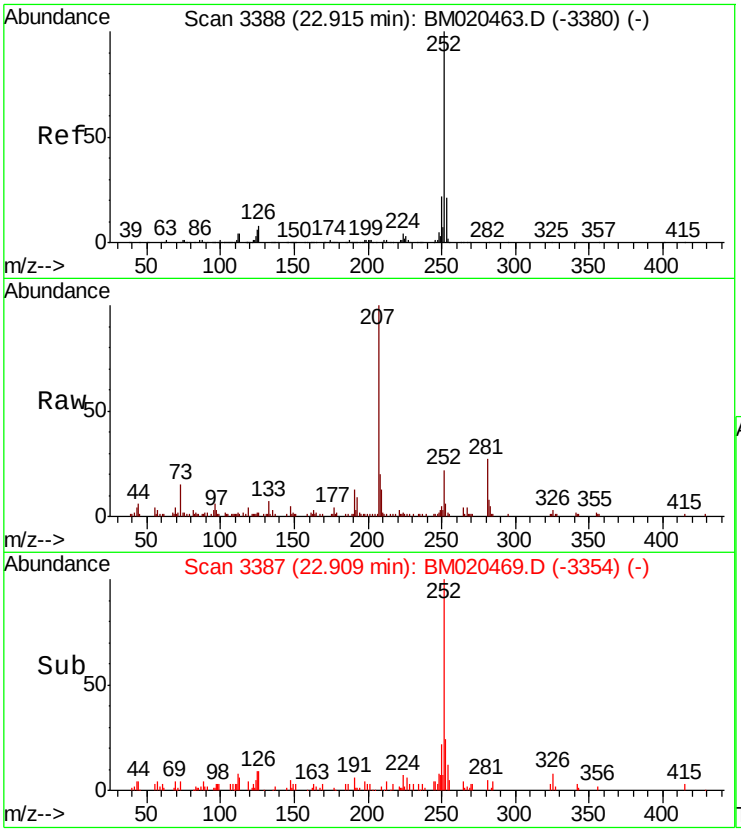


#84
Chrysene
Concen: 1.120 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Tgt Ion:228 Resp: 20954

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.4
229	21.8	15.4	23.2





#87
Benzo(b)fluoranthene
Concen: 1.331 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM020469.D
Acq: 21 May 2019 20:43

Instrument :
BNA_M
ClientSampleId :
A4261

Tgt Ion:252 Resp: 29153

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.6#
125	9.0	5.0	7.4#