Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020502.D
Acq On : 22 May 2019 21:35
Operator : JU/SJ
Sample : K2927-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:46:11 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	7.75	152	132	20.00	ng/ul	0.02
18) Naphthalene-d8	10.47	136	294439	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.34	164	183257	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	453344	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	473538	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	550237	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	270	75.49	ng/uL	0.01
5) Phenol-d5	6.85	99	137992	13104.36	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	88739	13255.56	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	104504	13531.27	ng/ul	-0.05
13) 4-Methylphenol-d8	8.52	113	216	28.17	ng/ul	0.09
19) Nitrobenzene-d5	8.85	128	48427	25.28	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.56	143	56948	26.95	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	111658	24.99	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.62	131	72614	15.74	ng/ul	-0.05
43) Dimethylphthalate-d6	13.75	166	334712	25.39	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	399121	24.20	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	32867	17.17	ng/ul	-0.03
57) Fluorene-d10	15.33	176	295188	25.17	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.48	200	33345	12.91	ng/ul	-0.04
70) Anthracene-d10	17.19	188	463185	23.82	ng/ul	-0.04
78) Pyrene-d10	19.49	212	542760	23.80	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.40	264	564552	22.58	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	120	32.151	ng/uL#	7
4) Benzaldehyde	6.90	77	122	13.524	ng/ul#	8
6) Phenol	6.88	94	3619	326.702	ng/ul#	86
12) 2,2'-oxybis(1-Chloropropan	8.39	45	390	68.508	ng/ul#	44
14) Acetophenone	8.53	105	126	9.624	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.39	70	2733	365.789	ng/ul#	1
44) Dimethylphthalate	13.80	163	81231	6.228	ng/ul	100
47) Acenaphthylene	14.06	152	22176	1.426	ng/ul	95
69) Phenanthrene	17.13	178	134521	6.228	ng/ul	98
71) Anthracene	17.23	178	36072	1.642	ng/ul	98
76) Fluoranthene	19.16	202	389753	14.284	ng/ul	98
79) Pyrene	19.52	202	342612	12.054	ng/ul	99
82) Benzo(a)anthracene	21.27	228	216029	7.580	ng/ul	96
84) Chrysene	21.32	228	215612	7.916	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	320336	10.201	ng/ul#	93
88) Benzo(k)fluoranthene	22.86	252	320336	10.385	ng/ul#	94
90) Benzo(a)pyrene	23.44	252	212771	7.200	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.82	276	159019	4.722	ng/ul	95
92) Dibenzo(a,h)anthracene	25.83	278	44120	1.532	ng/ul#	82
93) Benzo(g,h,i)perylene	26.53	276	109506	3.928	ng/ul	94

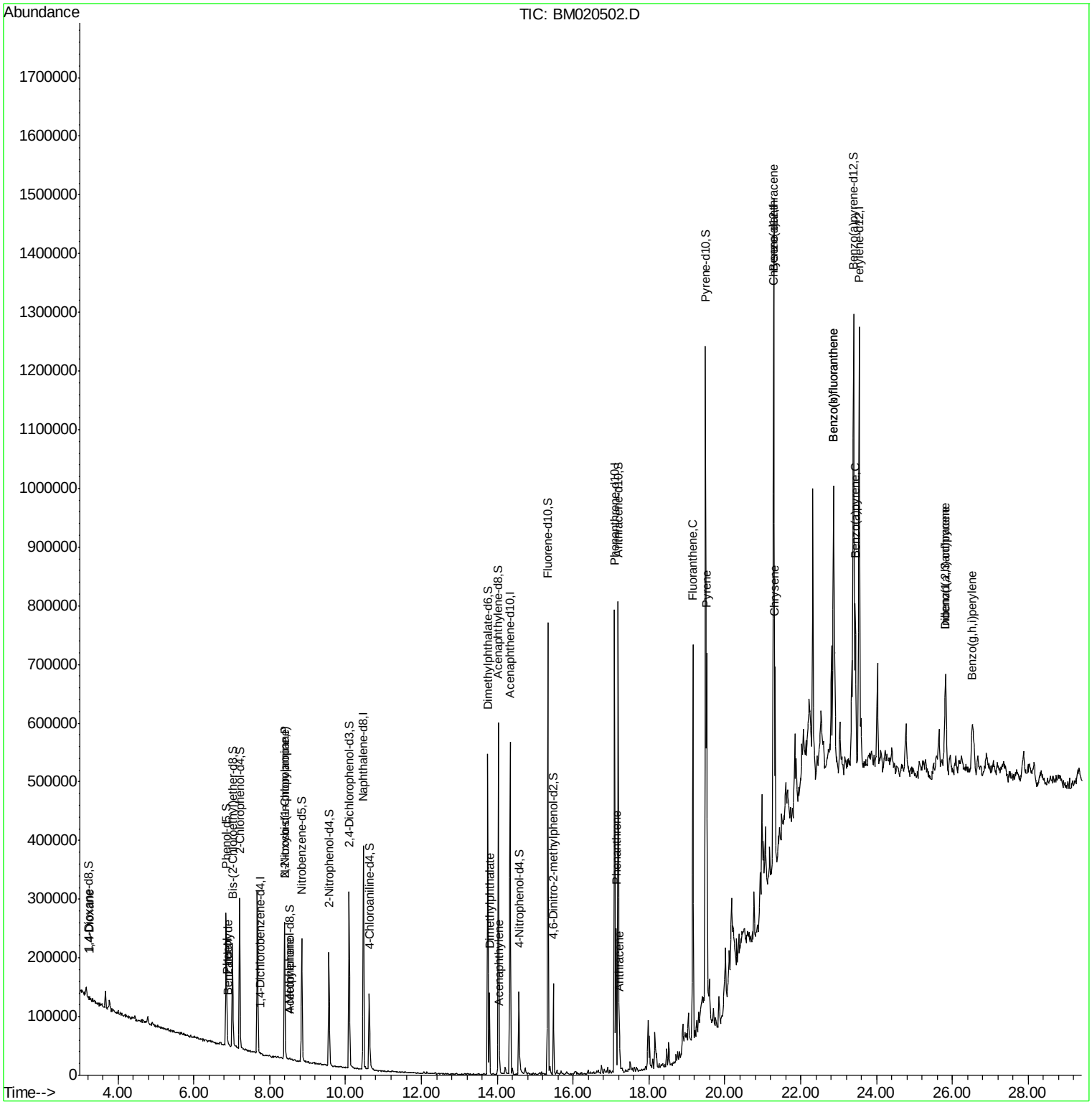
(#) = qualifier out of range (m) = manual integration (+) = signals summed

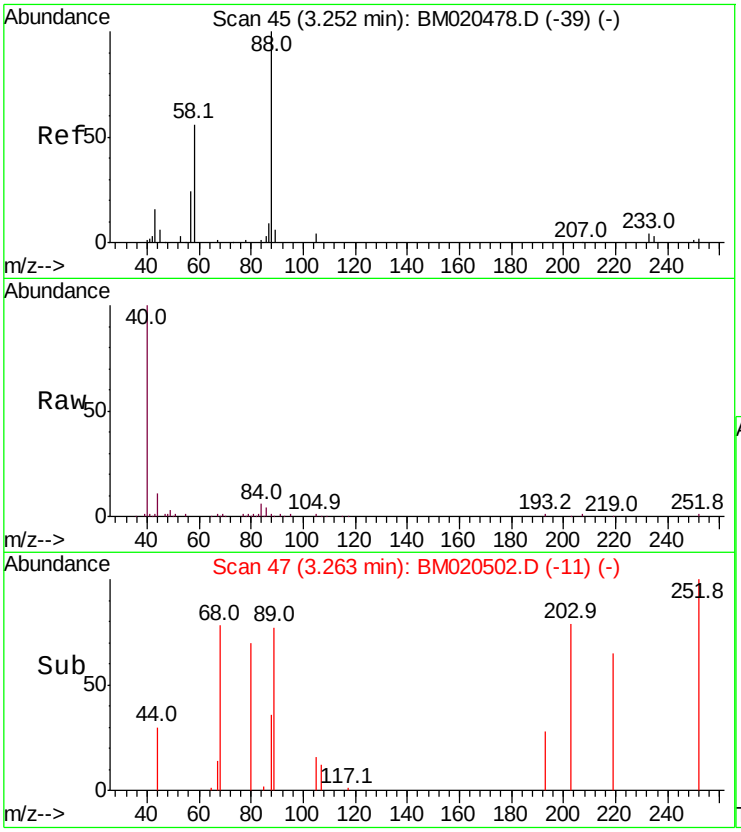
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020502.D
Acq On : 22 May 2019 21:35
Operator : JU/SJ
Sample : K2927-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:46:11 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



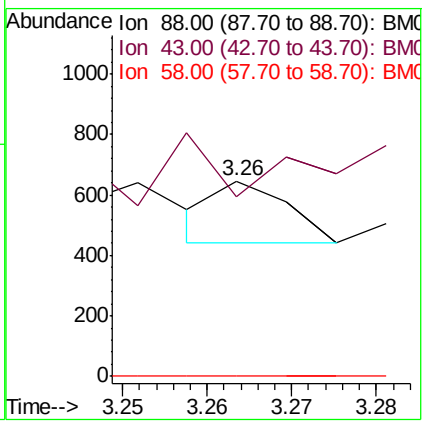


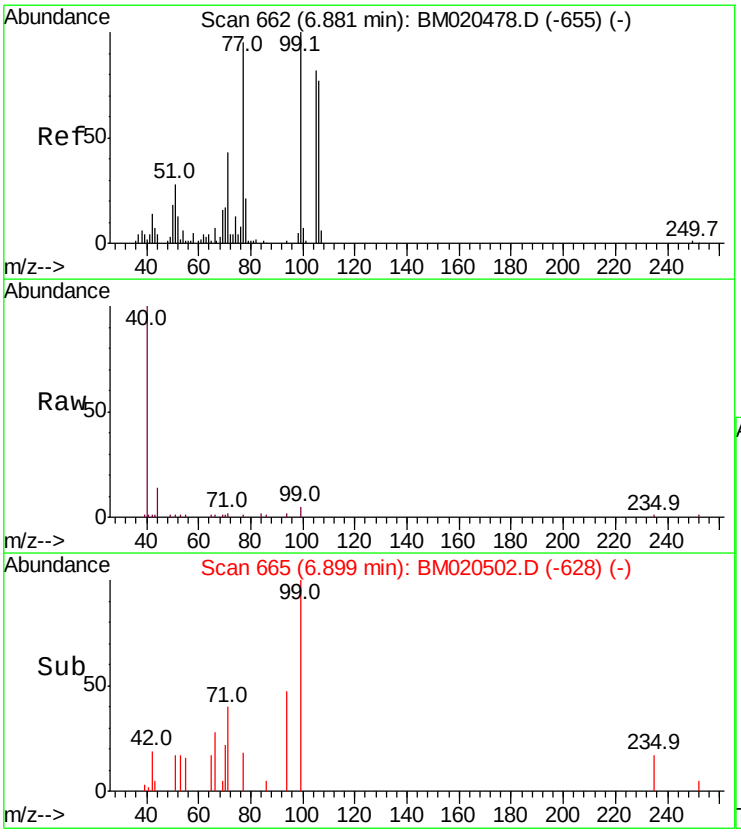
#2
1,4-Dioxane
Concen: 32.151 ng/uL
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
43	91.8	21.4	32.2#
58	0.0	45.1	67.7#

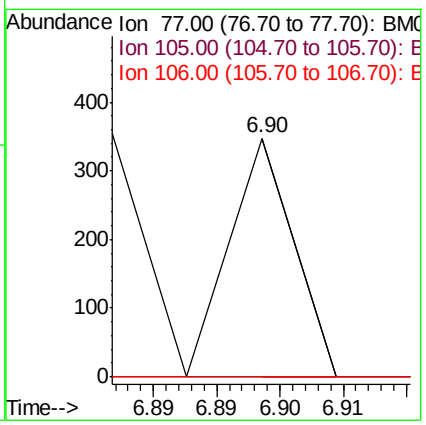


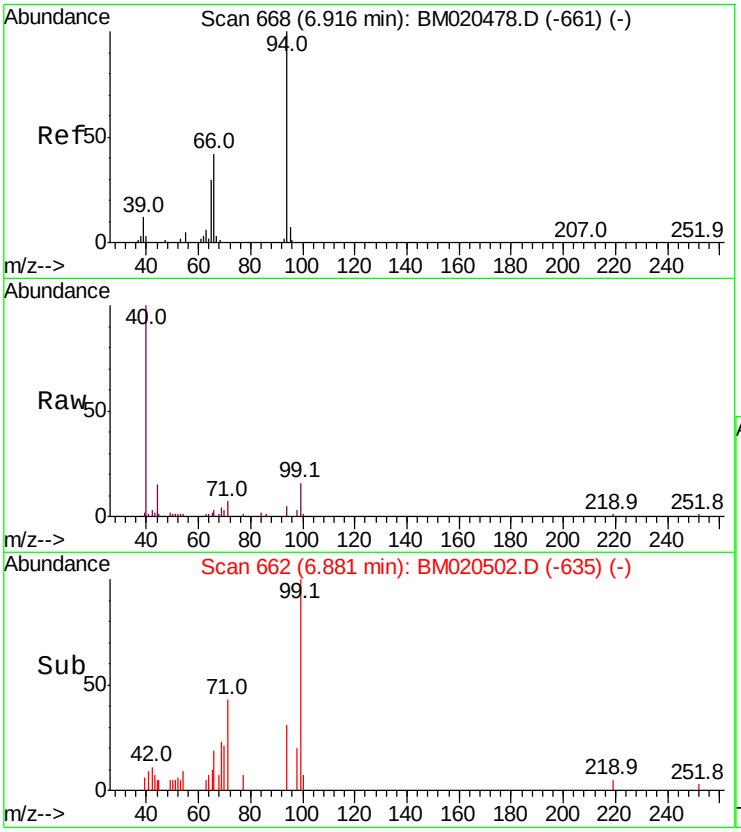


#4
Benzaldehyde
Concen: 13.524 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.02 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion: 77 Resp: 122

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.4	101.0#
106	0.0	64.8	97.2#



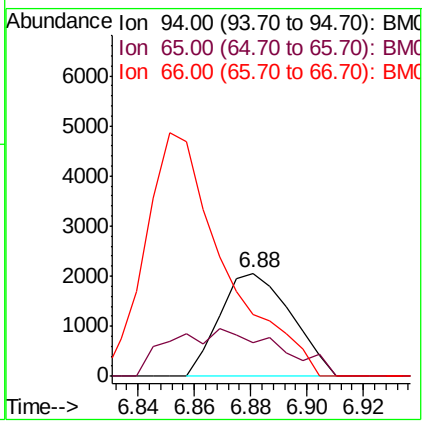


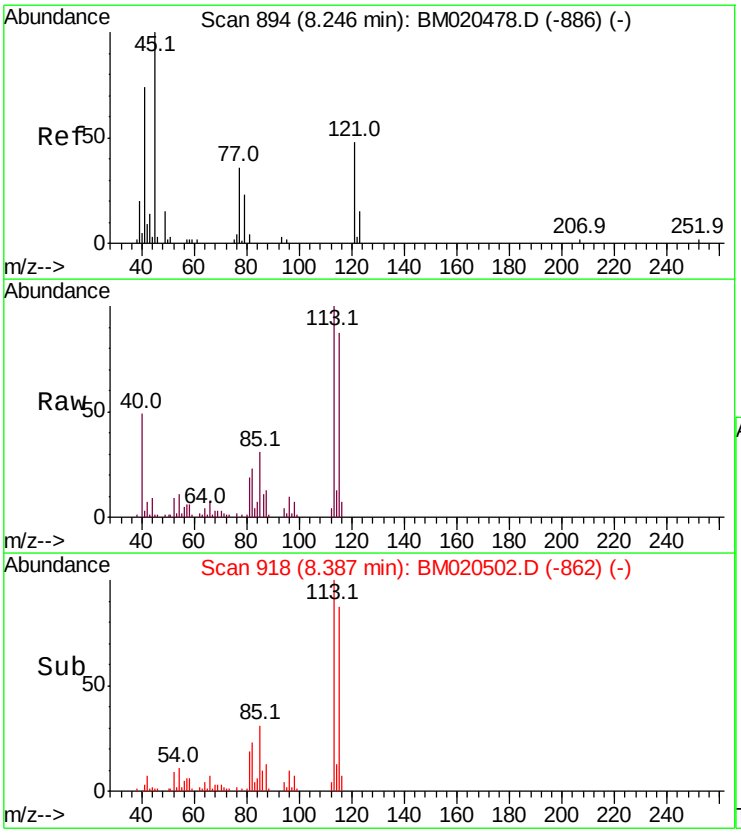
#6
Phenol
Concen: 326.702 ng/ul
RT: 6.88 min Scan# 662
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 3619

Ion	Ratio	Lower	Upper
94	100		
65	32.4	25.4	38.0
66	60.5	36.5	54.7#

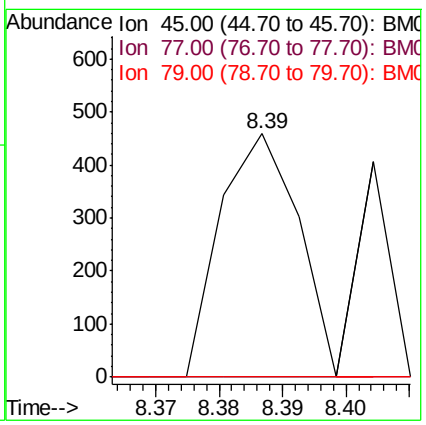


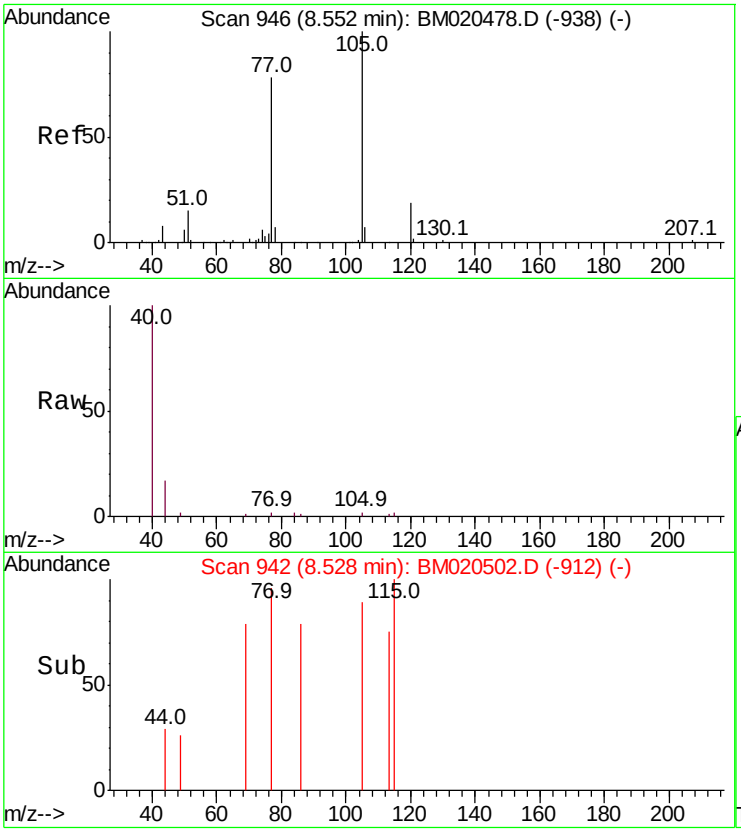


#12
2,2'-oxybis(1-Chloropropane)
Concen: 68.508 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. 0.13 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion: 45 Resp: 390

Ion	Ratio	Lower	Upper
45	100		
77	0.0	27.6	41.4#
79	0.0	20.5	30.7#



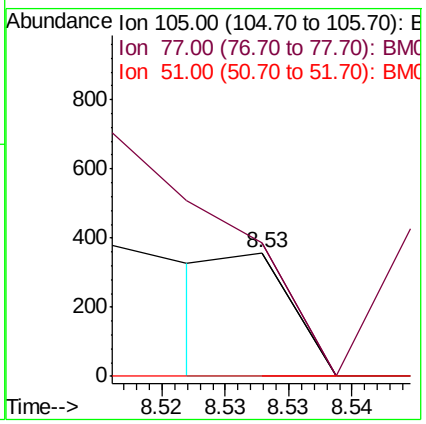


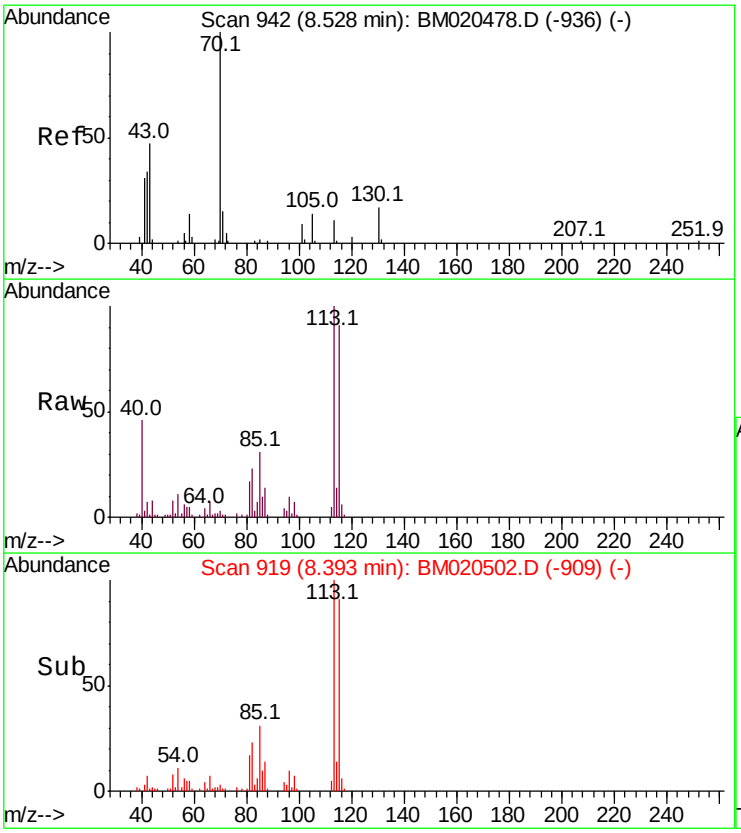
#14
Acetophenone
Concen: 9.624 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.02 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 126

Ion	Ratio	Lower	Upper
105	100		
77	107.8	74.0	111.0
51	0.0	16.5	24.7#

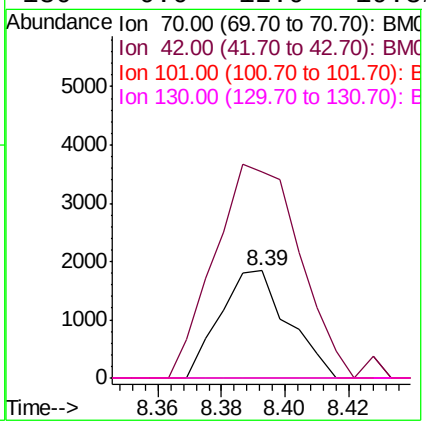


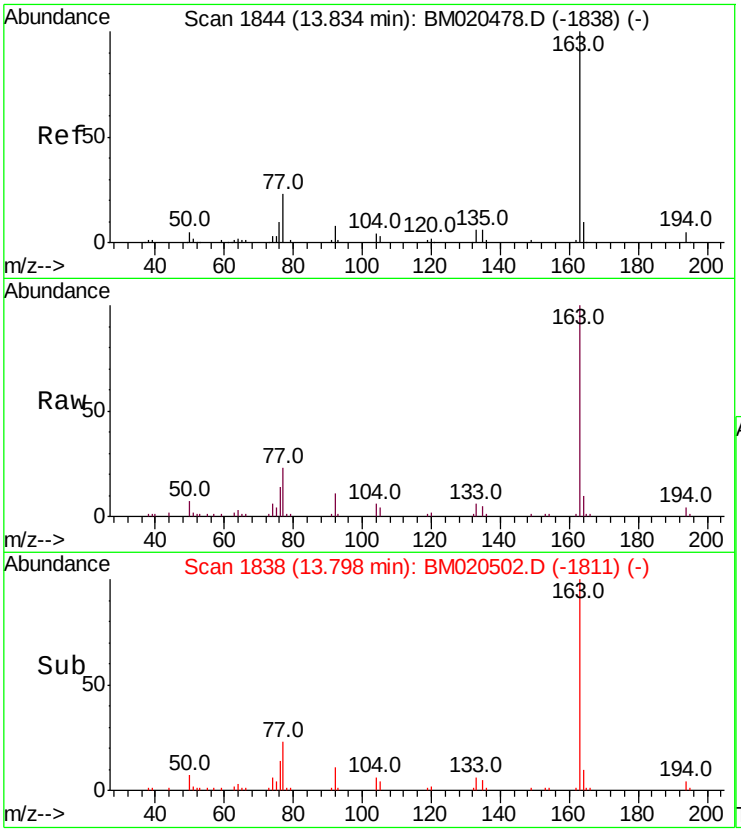


#15
N-Nitroso-di-n-propylamine
Concen: 365.789 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.14 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion: 70 Resp: 2733

Ion	Ratio	Lower	Upper
70	100		
42	192.1	26.5	39.7#
101	0.0	7.2	10.8#
130	0.0	12.9	19.3#



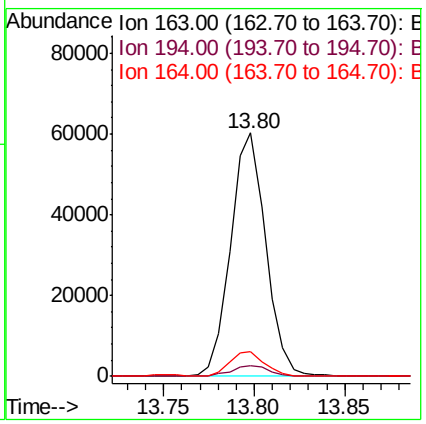


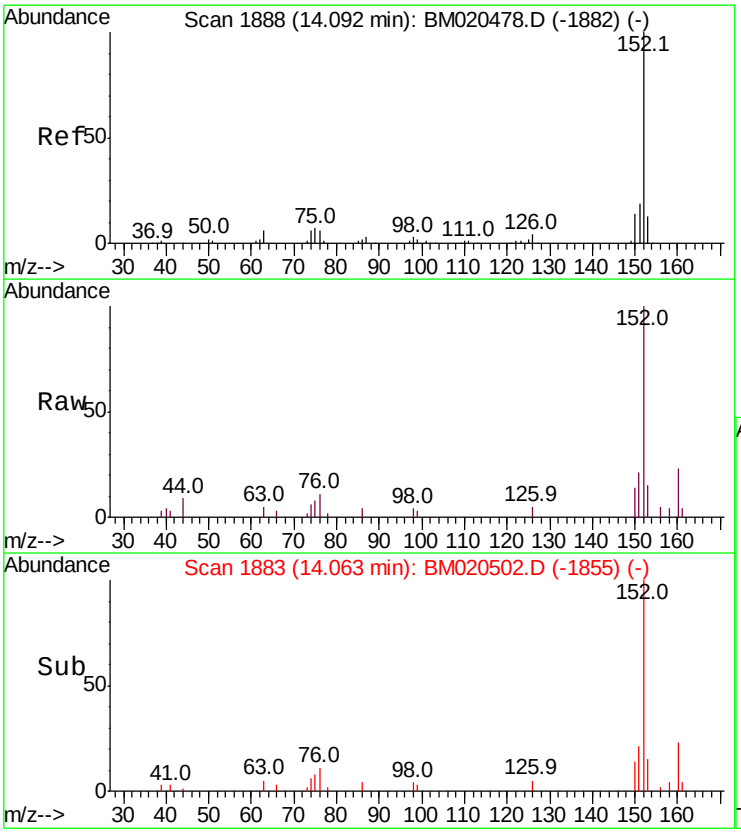
#44
Dimethylphthalate
Concen: 6.228 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 81231

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0

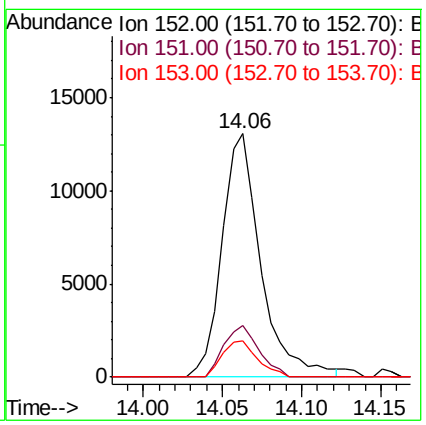


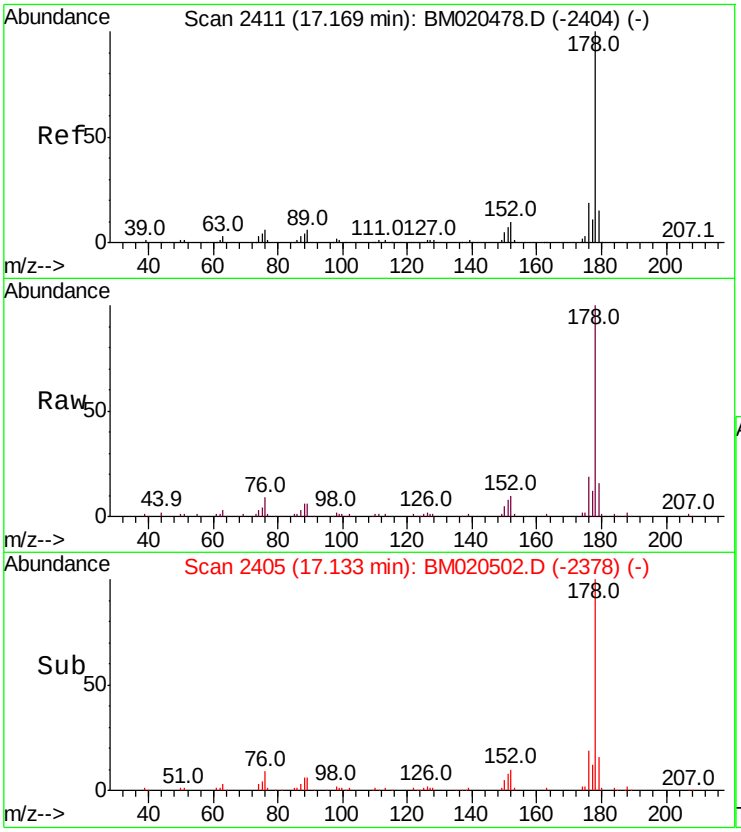


#47
Acenaphthylene
Concen: 1.426 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:152 Resp: 22176

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.4	23.0
153	14.9	10.3	15.5



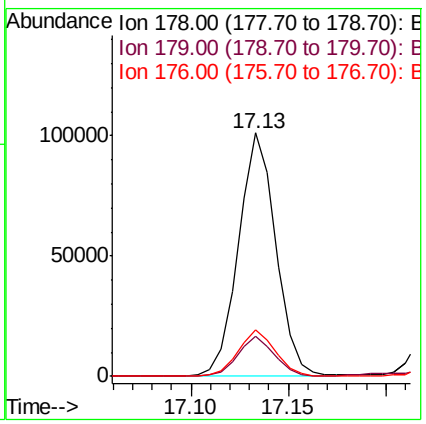


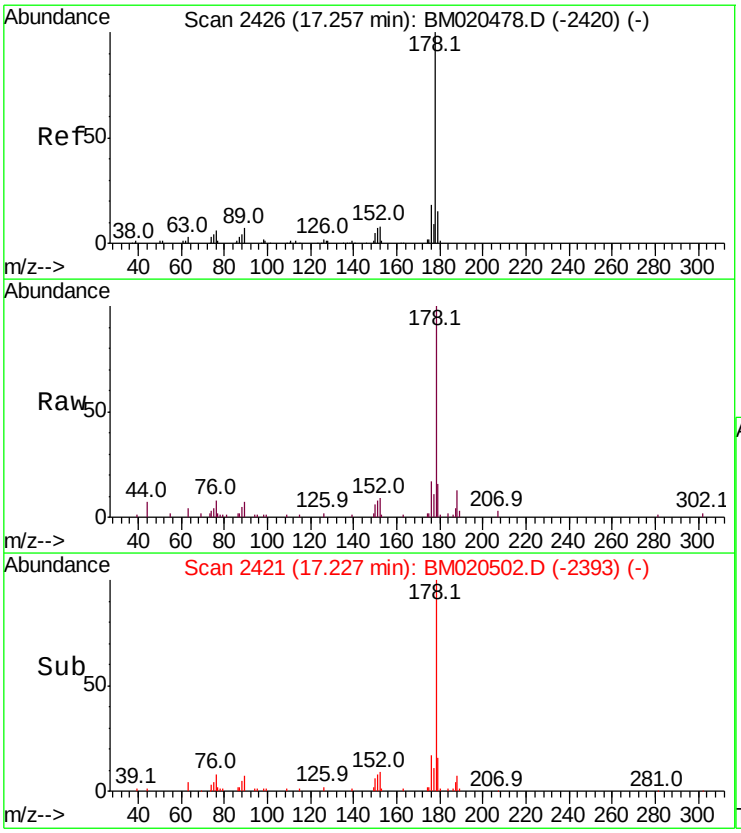
#69
Phenanthrene
Concen: 6.228 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 134521

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.9	17.9
176	19.0	14.6	22.0

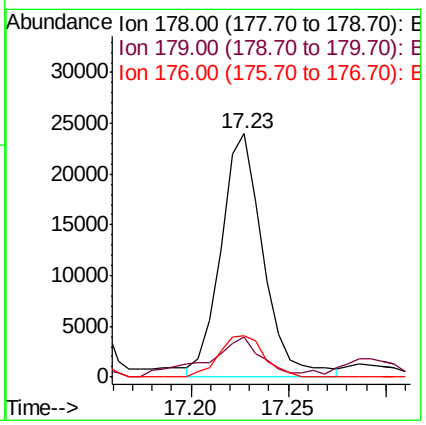


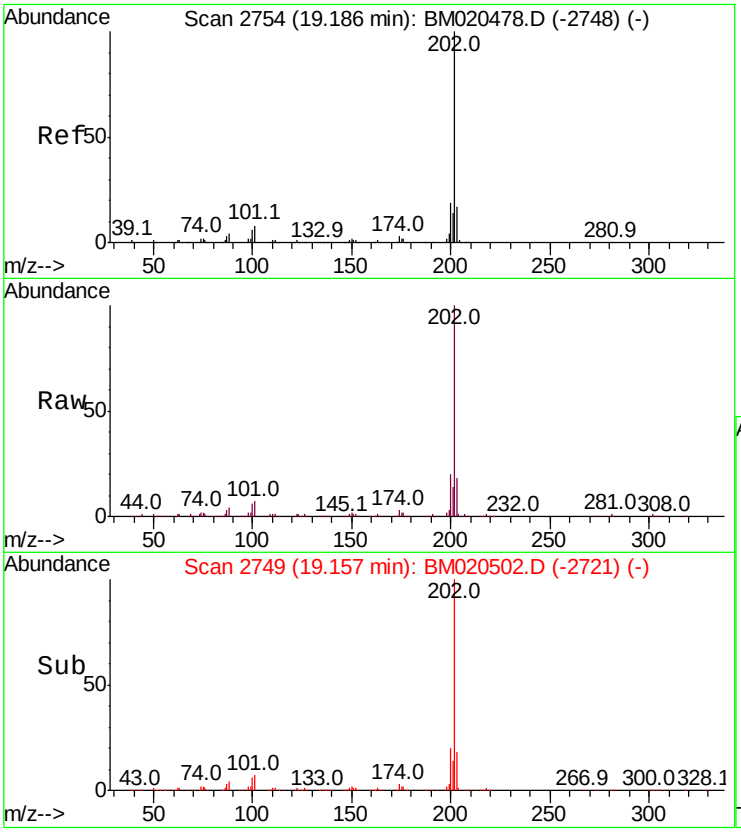


#71
Anthracene
Concen: 1.642 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:178 Resp: 36072

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	17.2	14.4	21.6



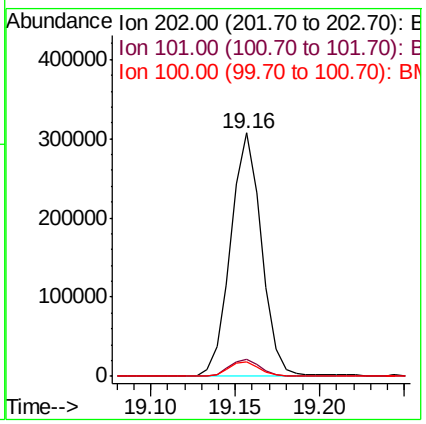


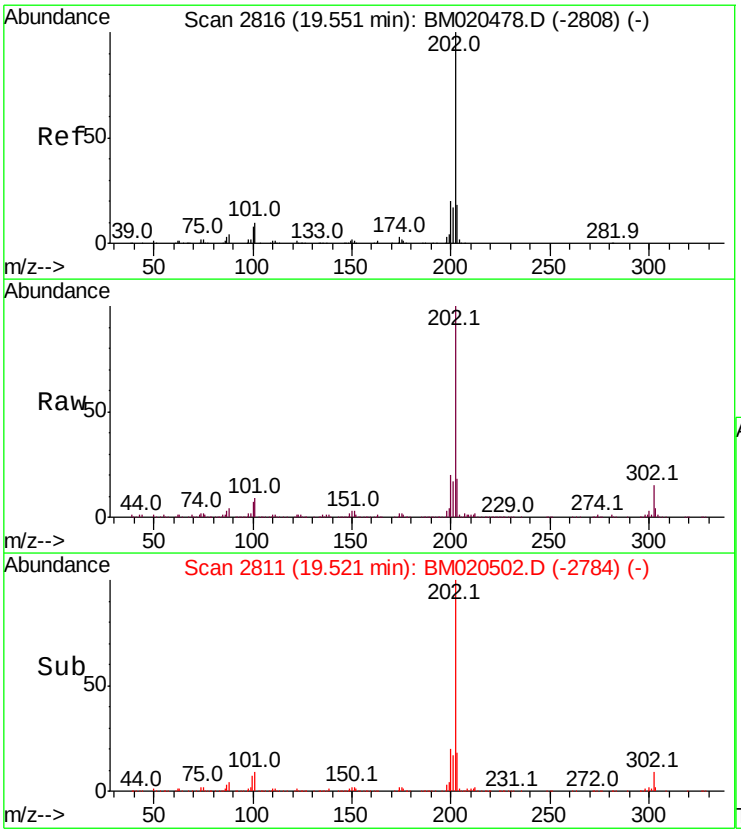
#76
Fluoranthene
Concen: 14.284 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 389753

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.4	9.6
100	6.0	5.2	7.8

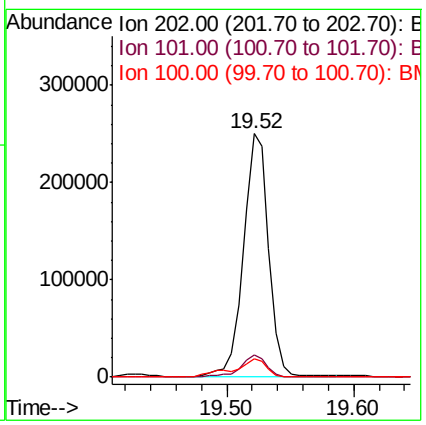


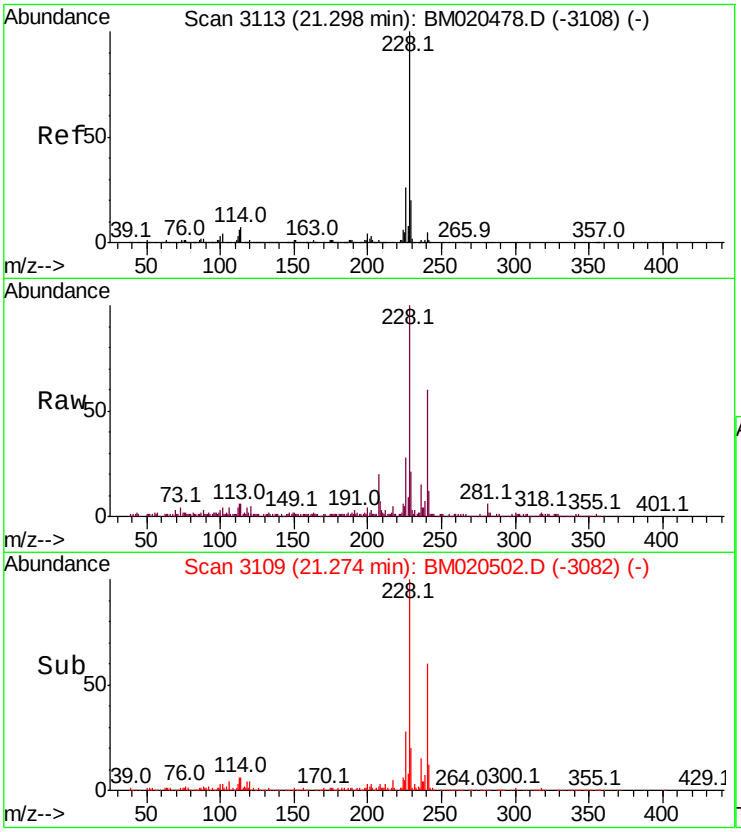


#79
Pyrene
Concen: 12.054 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:202 Resp: 342612

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.1	10.7
100	7.5	5.9	8.9



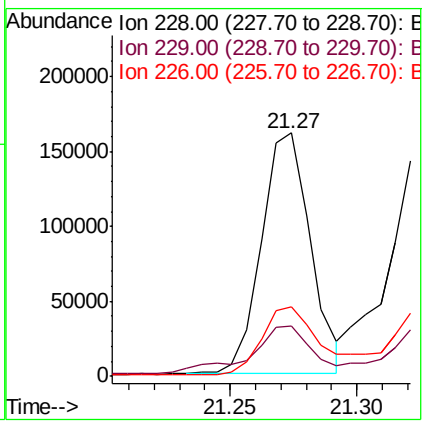


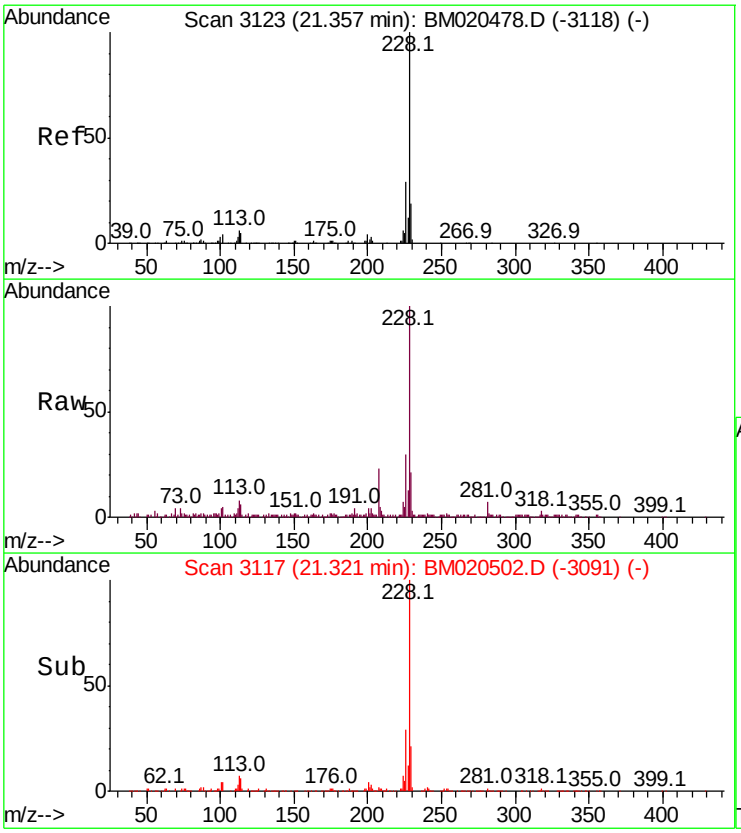
#82
Benzo(a)anthracene
Concen: 7.580 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.04 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 216029

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.3	20.6	30.8

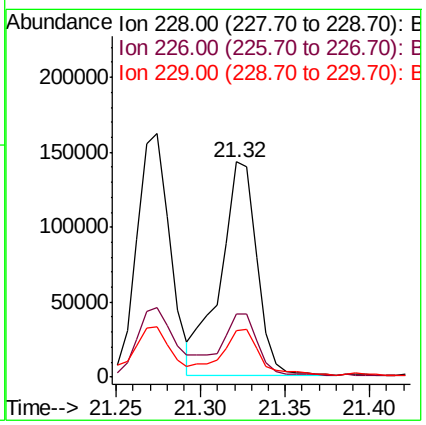


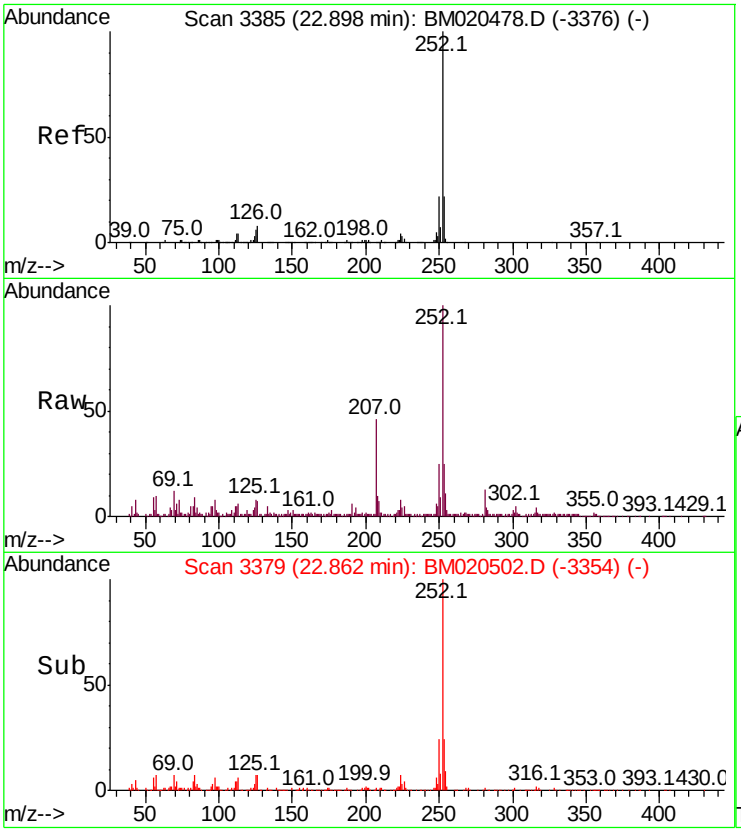


#84
Chrysene
Concen: 7.916 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:228 Resp: 215612

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.4
229	21.5	15.4	23.2



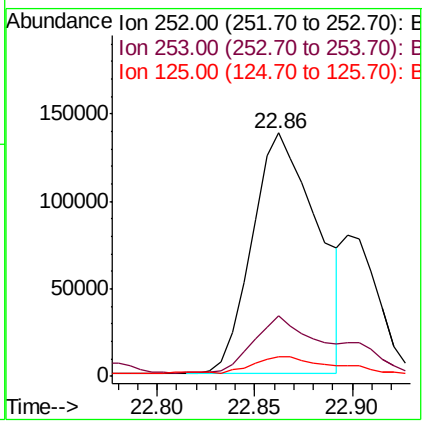


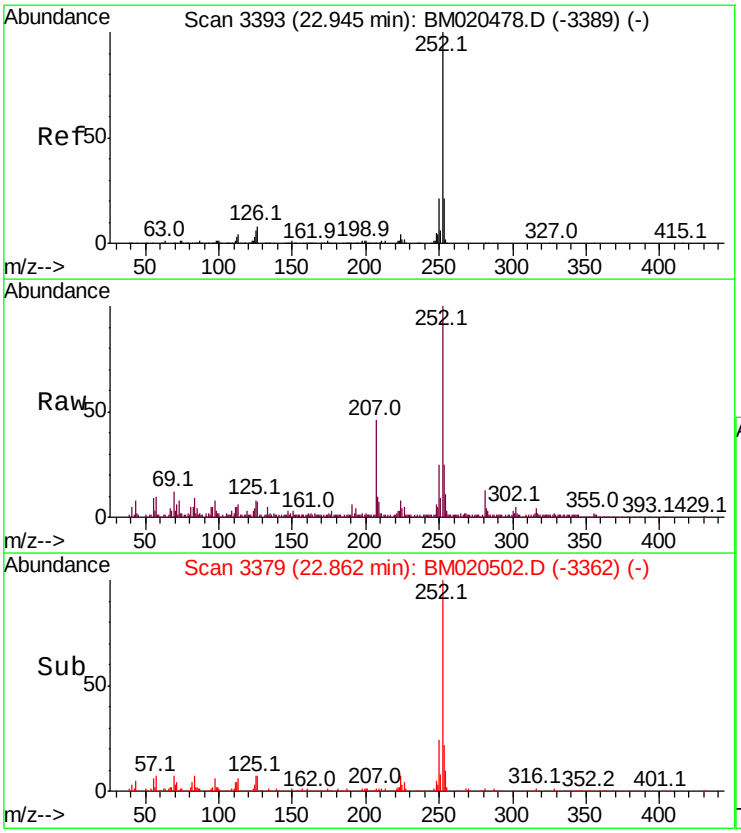
#87
Benzo(b)fluoranthene
Concen: 10.201 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.05 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 320336

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	8.0	5.0	7.4#

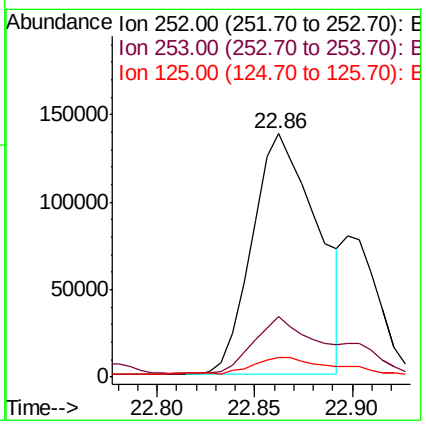


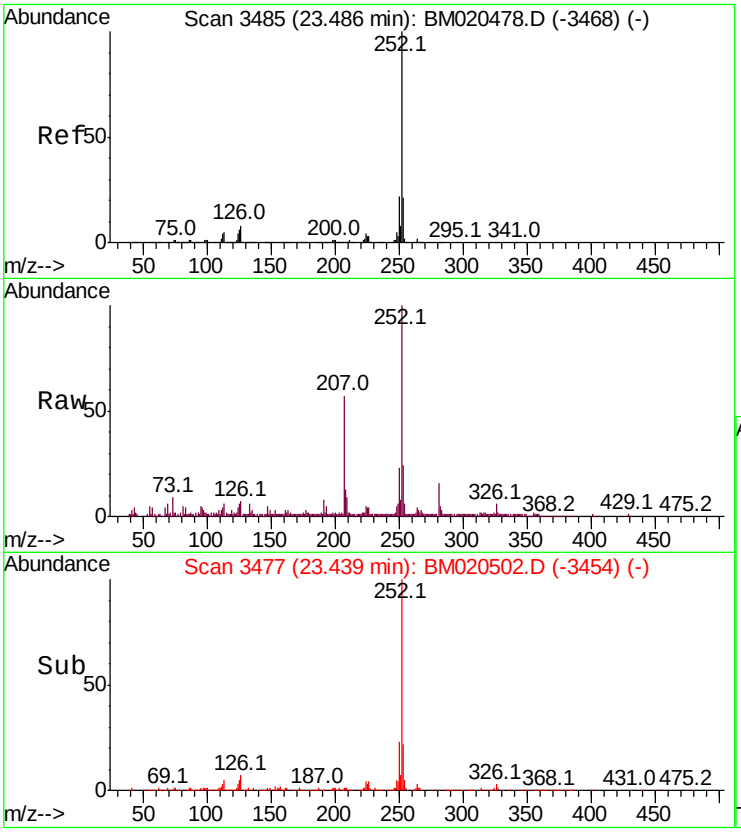


#88
Benzo(k)fluoranthene
Concen: 10.385 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.10 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:252 Resp: 320336

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	8.0	5.0	7.6#



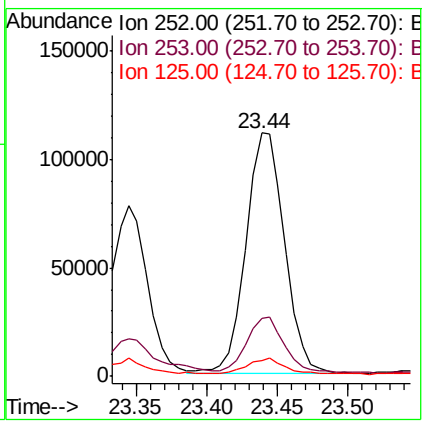


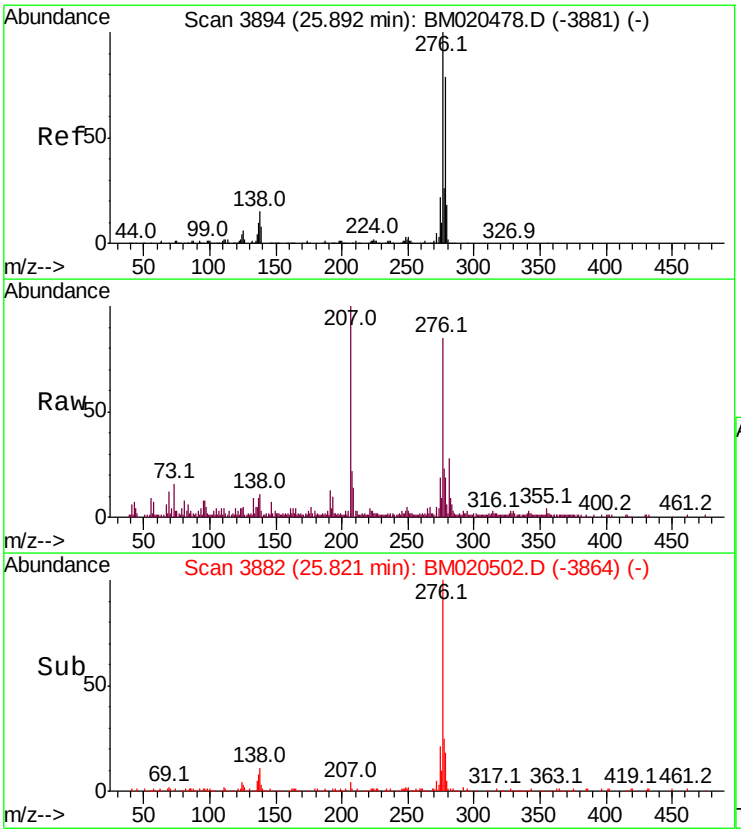
#90
Benzo(a)pyrene
Concen: 7.200 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.06 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 212771

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	6.4	5.4	8.2

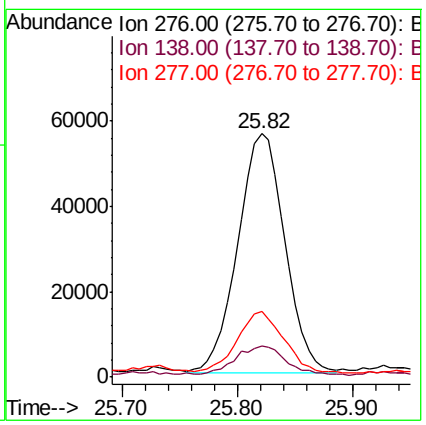


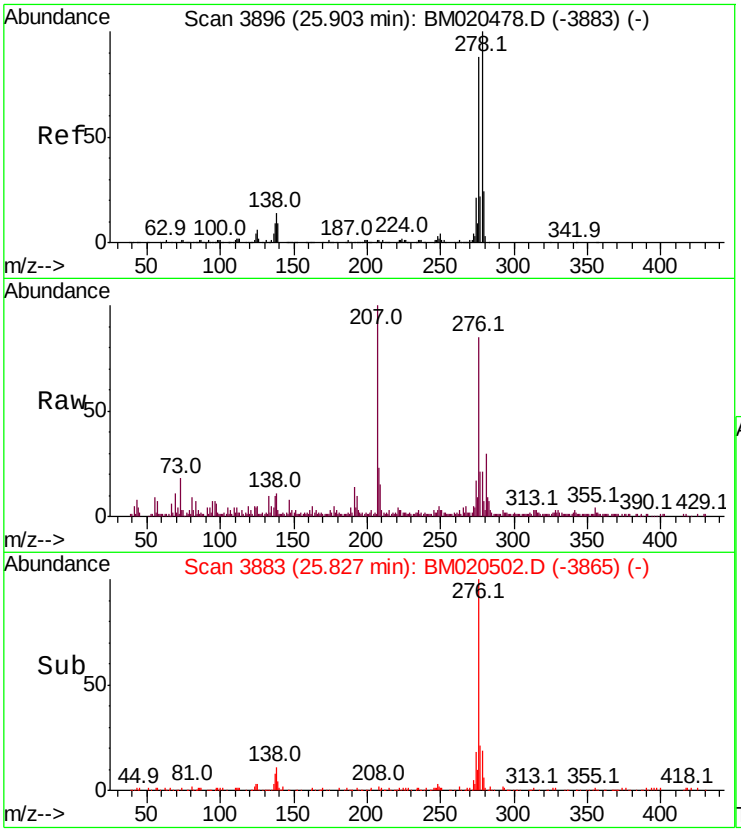


#91
Indeno(1,2,3-cd)pyrene
Concen: 4.722 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.09 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:276 Resp: 159019

Ion	Ratio	Lower	Upper
276	100		
138	12.9	12.3	18.5
277	27.2	20.0	30.0



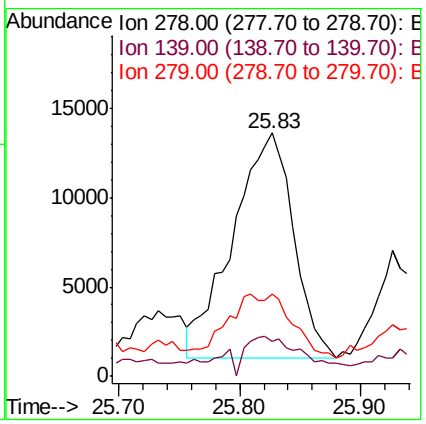


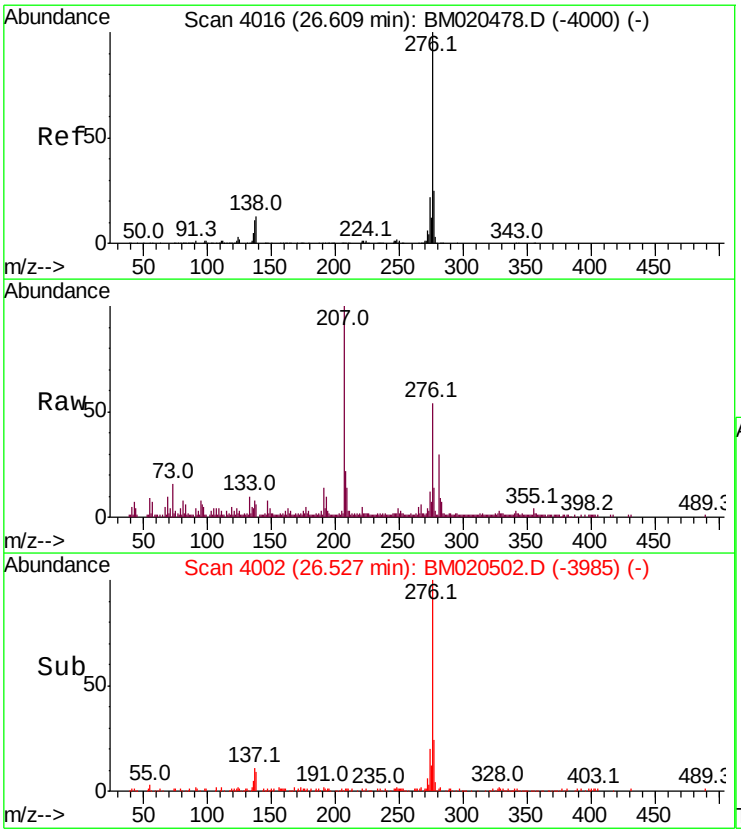
#92
Dibenzo(a,h)anthracene
Concen: 1.532 ng/ul
RT: 25.83 min Scan# 3883
Delta R.T. -0.09 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 44120

Ion	Ratio	Lower	Upper
278	100		
139	14.3	8.1	12.1#
279	33.7	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 3.928 ng/ul
RT: 26.53 min Scan# 4002
Delta R.T. -0.10 min
Lab File: BM020502.D
Acq: 22 May 2019 21:35

Tgt Ion:276 Resp: 109506

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.0	15.0
277	26.3	18.2	27.4