Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020498.D
Acq On : 22 May 2019 19:09
Operator : JU/SJ
Sample : K2814-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:45:35 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	7.73	152	691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	267331	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.34	164	165271	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	401570	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	426664	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	489425	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	217	11.59	ng/uL	-0.01
5) Phenol-d5	6.85	99	82588	1498.22	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	56551	1613.69	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	63644	1574.20	ng/ul	-0.05
13) 4-Methylphenol-d8	8.47	113	323	8.05	ng/ul	0.04
19) Nitrobenzene-d5	8.85	128	29847	17.16	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.56	143	34919	18.20	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	66758	16.46	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.63	131	49116	11.72	ng/ul	-0.04
43) Dimethylphthalate-d6	13.75	166	216284	18.19	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	259859	17.47	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	12453	7.21	ng/ul	-0.03
57) Fluorene-d10	15.33	176	193003	18.25	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.48	200	18722	8.18	ng/ul	-0.04
70) Anthracene-d10	17.19	188	294088	17.07	ng/ul	-0.04
78) Pyrene-d10	19.49	212	379092	18.45	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.40	264	402601	18.10	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	411	21.035	ng/uL#	1
4) Benzaldehyde	6.83	77	6650	140.819	ng/ul	87
6) Phenol	6.88	94	1943	33.507	ng/ul#	60
14) Acetophenone	8.51	105	2524	36.827	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.39	70	1802	46.073	ng/ul#	1
44) Dimethylphthalate	13.80	163	76454	6.500	ng/ul#	98
69) Phenanthrene	17.13	178	142209	7.432	ng/ul	99
71) Anthracene	17.23	178	24154	1.241	ng/ul	98
76) Fluoranthene	19.16	202	256804	10.625	ng/ul	99
79) Pyrene	19.52	202	293486	11.460	ng/ul	99
82) Benzo(a)anthracene	21.33	228	104879	4.084	ng/ul	94
84) Chrysene	21.33	228	105051	4.281	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	148989	5.334	ng/ul	95
88) Benzo(k)fluoranthene	22.86	252	148989	5.430	ng/ul	96
90) Benzo(a)pyrene	23.44	252	121592	4.626	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.81	276	86224	2.879	ng/ul	97
93) Benzo(g,h,i)perylene	26.52	276	82227	3.316	ng/ul	96

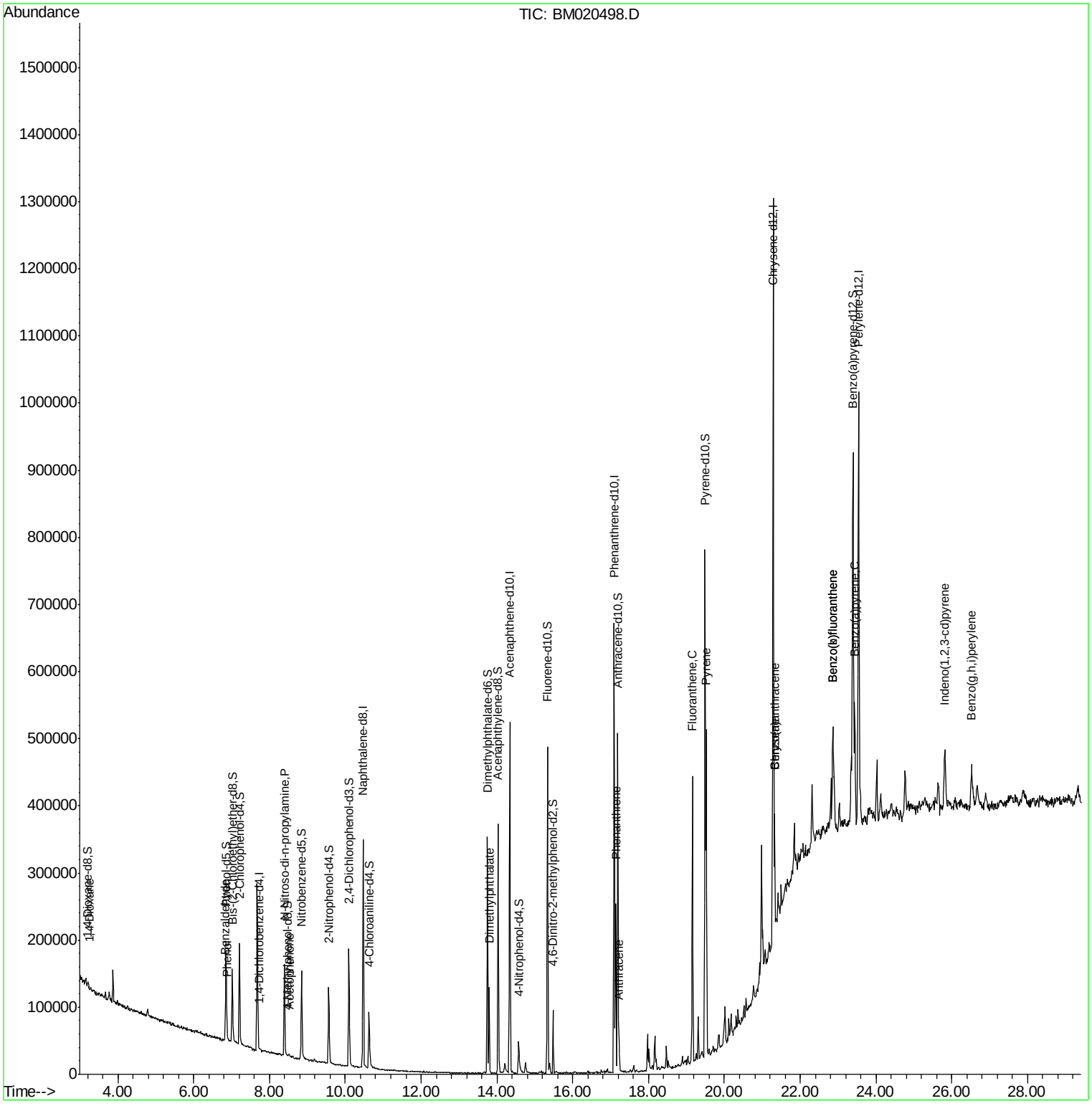
(#) = qualifier out of range (m) = manual integration (+) = signals summed

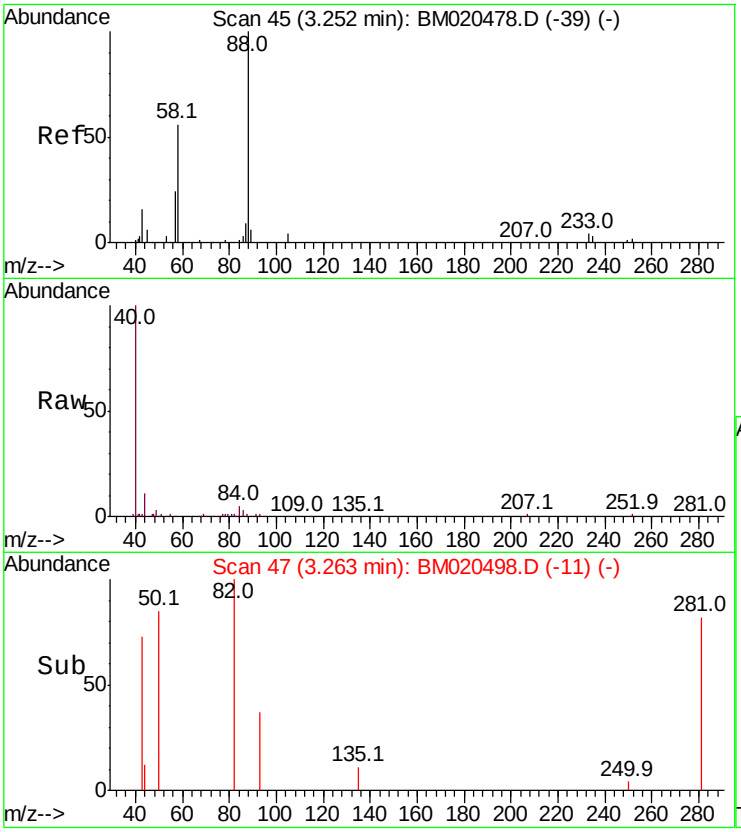
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020498.D
Acq On : 22 May 2019 19:09
Operator : JU/SJ
Sample : K2814-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:45:35 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



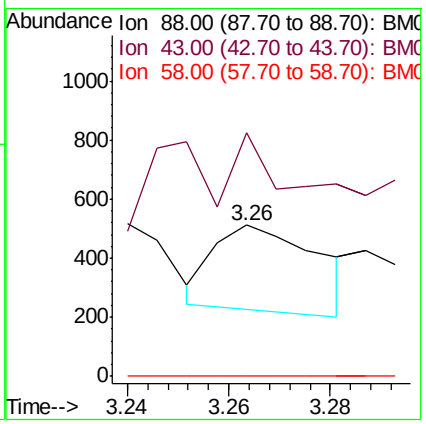


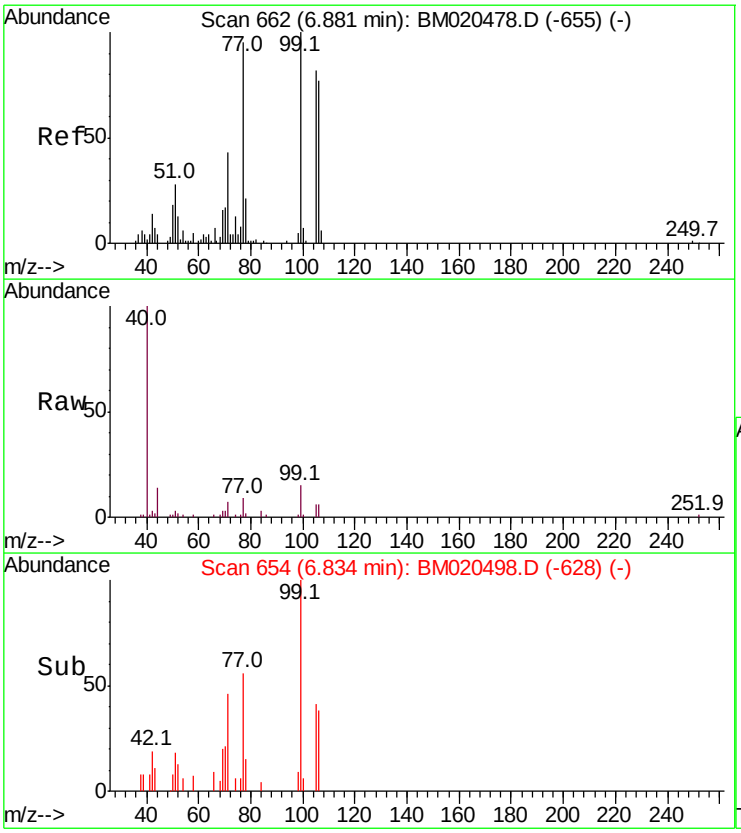
#2
1,4-Dioxane
Concen: 21.035 ng/uL
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 411

Ion	Ratio	Lower	Upper
88	100		
43	161.3	21.4	32.2#
58	0.0	45.1	67.7#

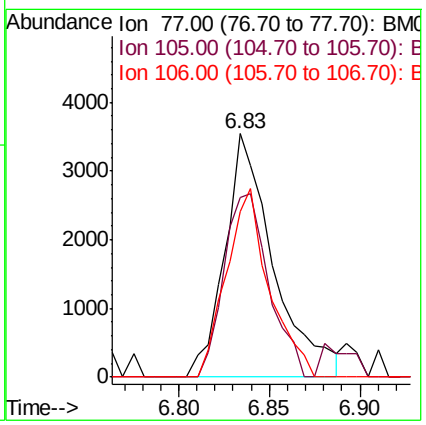


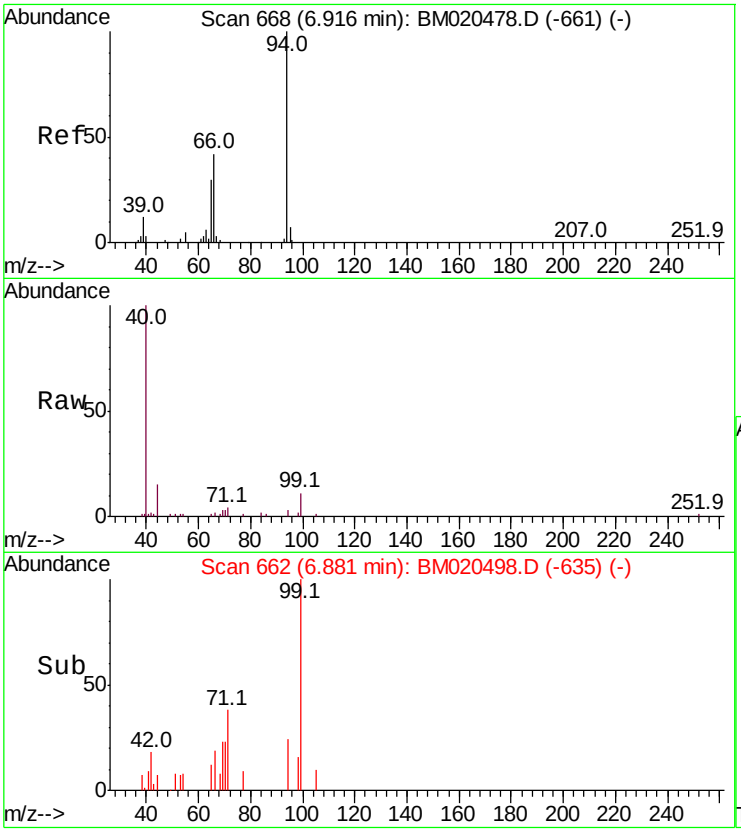


#4
Benzaldehyde
Concen: 140.819 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. -0.05 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion: 77 Resp: 6650

Ion	Ratio	Lower	Upper
77	100		
105	73.6	67.4	101.0
106	67.9	64.8	97.2



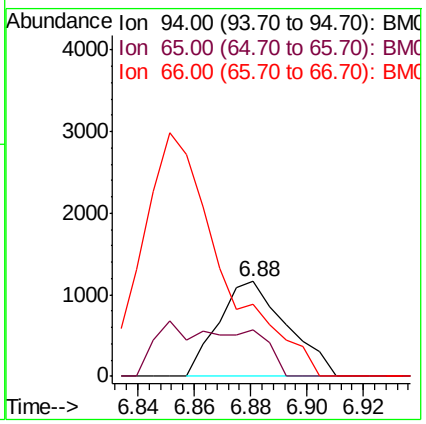


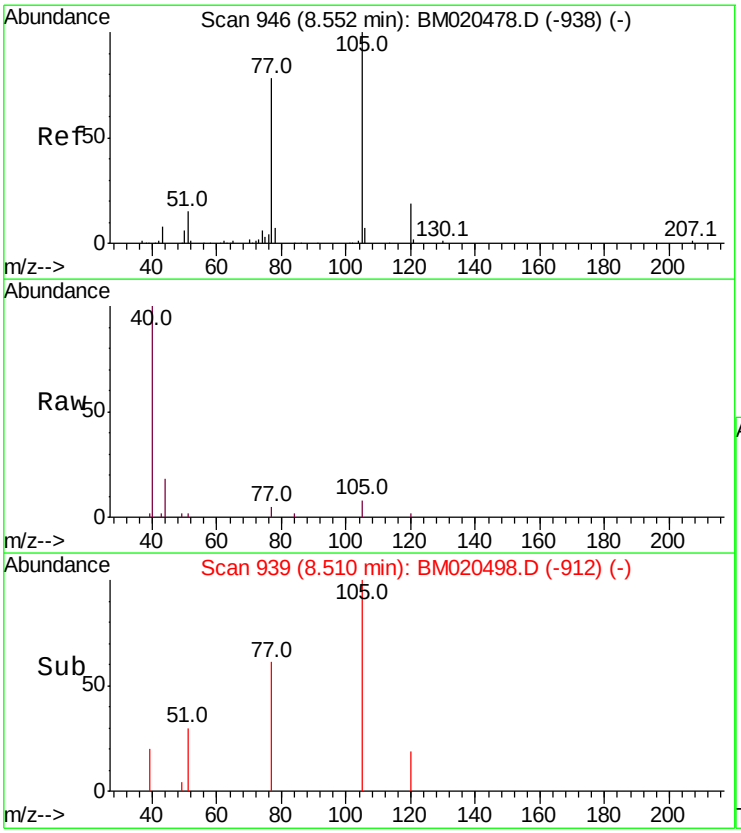
#6
Phenol
Concen: 33.507 ng/ul
RT: 6.88 min Scan# 662
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1943

Ion	Ratio	Lower	Upper
94	100		
65	48.5	25.4	38.0#
66	76.4	36.5	54.7#

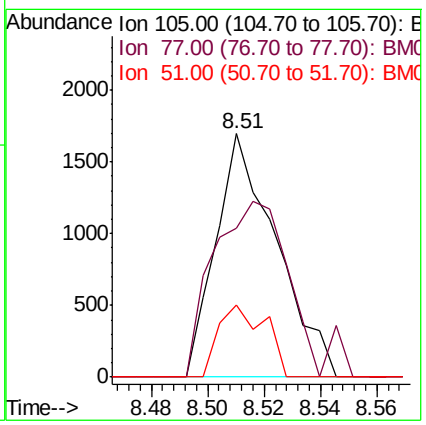


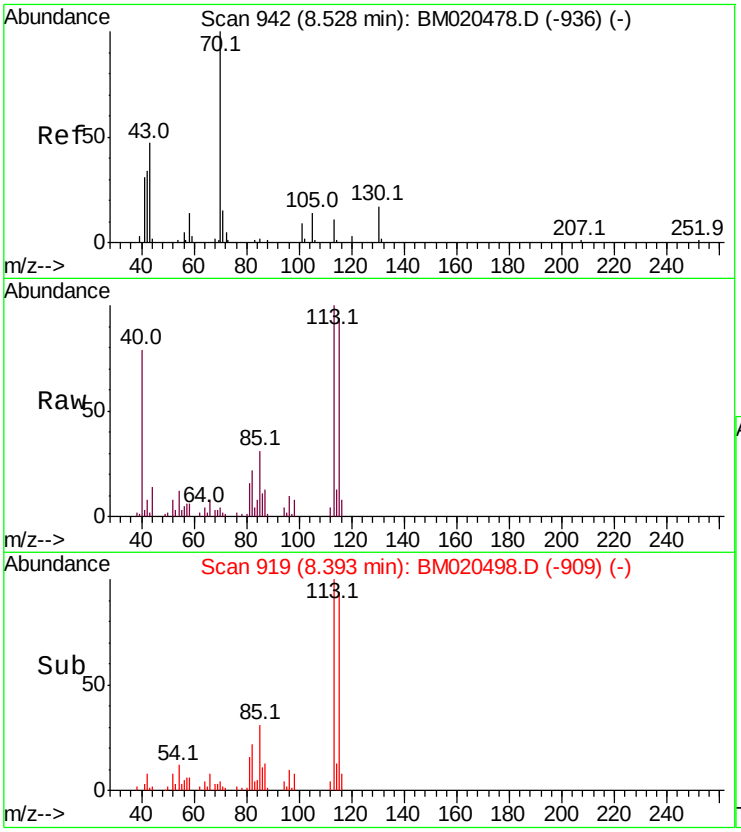


#14
Acetophenone
Concen: 36.827 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:105 Resp: 2524

Ion	Ratio	Lower	Upper
105	100		
77	61.0	74.0	111.0#
51	29.6	16.5	24.7#



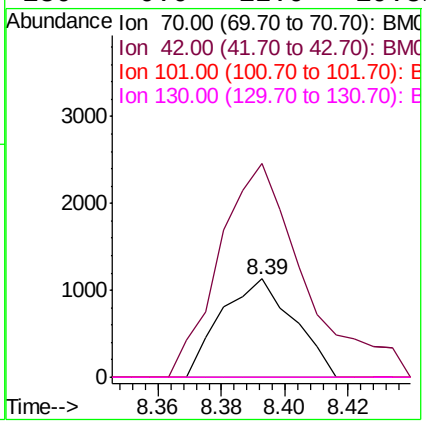


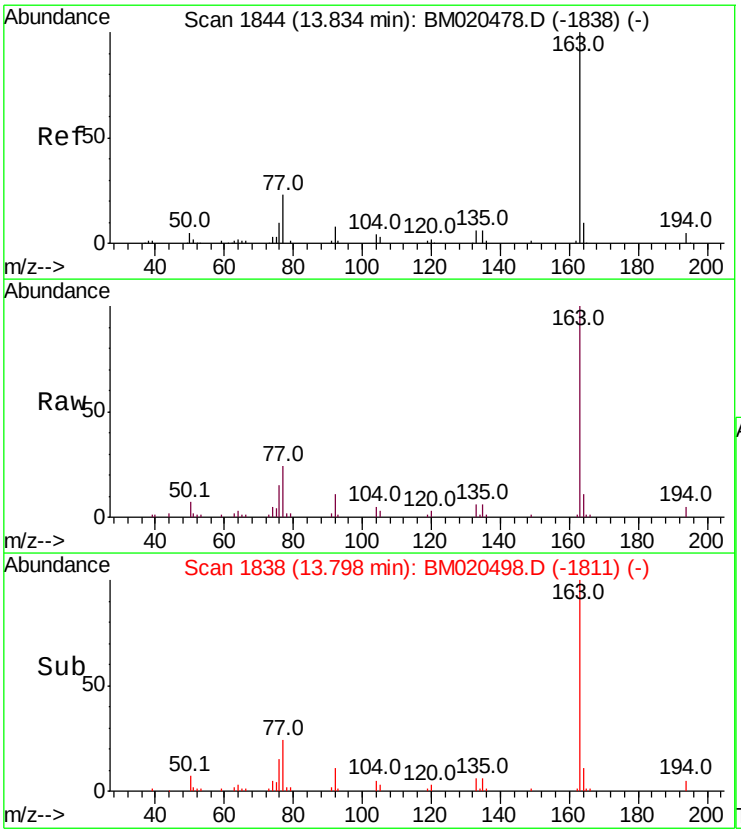
#15
N-Nitroso-di-n-propylamine
Concen: 46.073 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.14 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 1802

Ion	Ratio	Lower	Upper
70	100		
42	218.0	26.5	39.7#
101	0.0	7.2	10.8#
130	0.0	12.9	19.3#

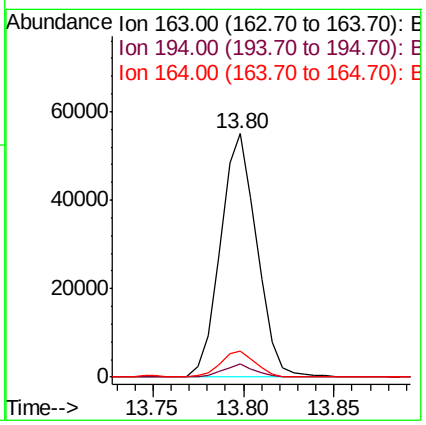


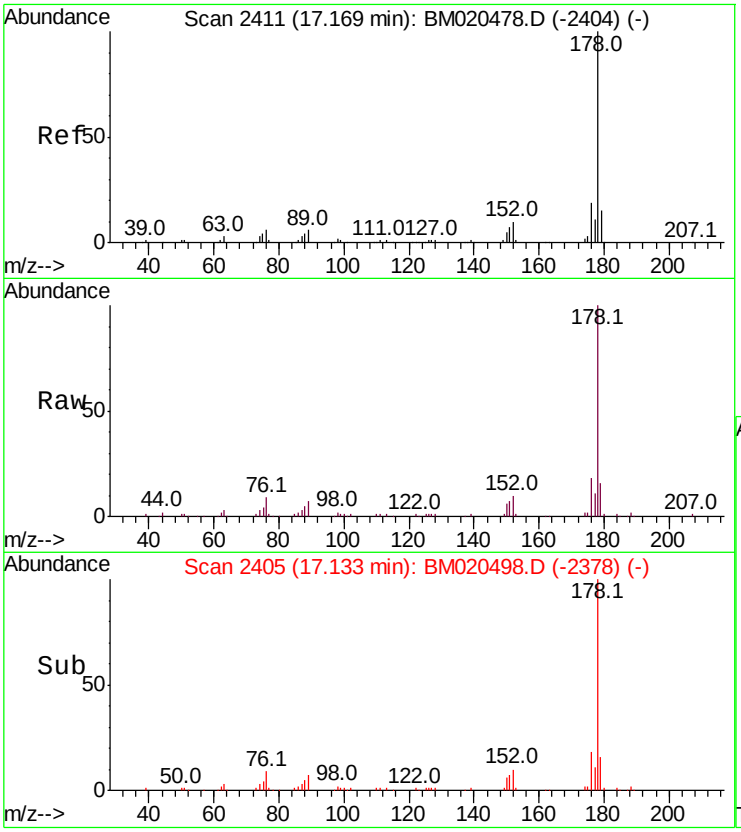


#44
Dimethylphthalate
Concen: 6.500 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:163 Resp: 76454

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.3	4.9#
164	10.7	8.0	12.0



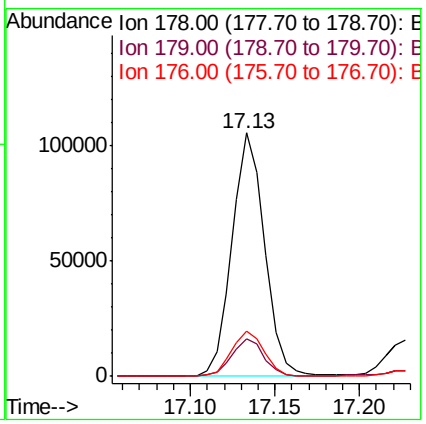


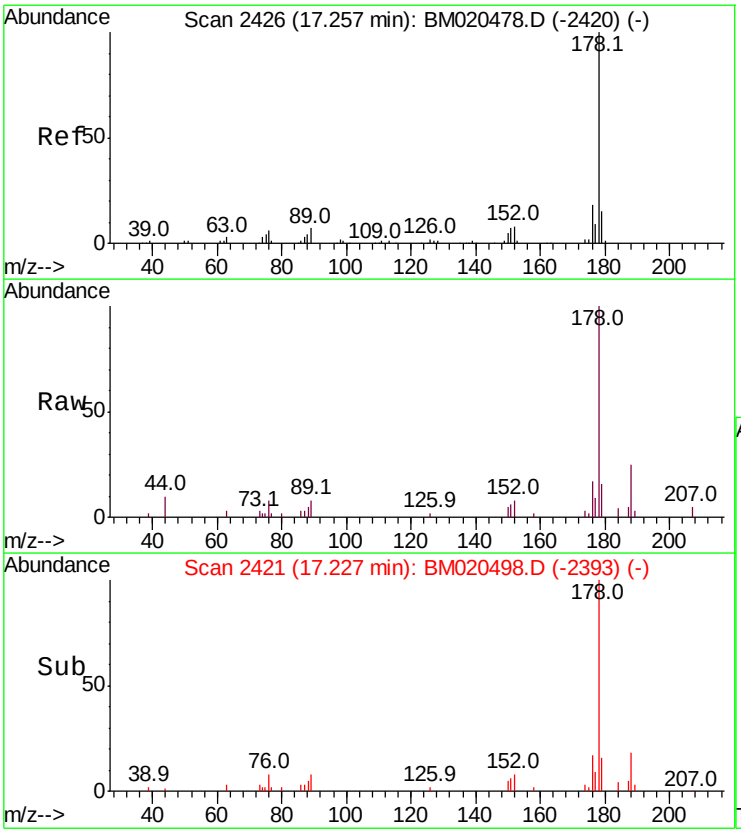
#69
Phenanthrene
Concen: 7.432 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 142209

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.5	14.6	22.0

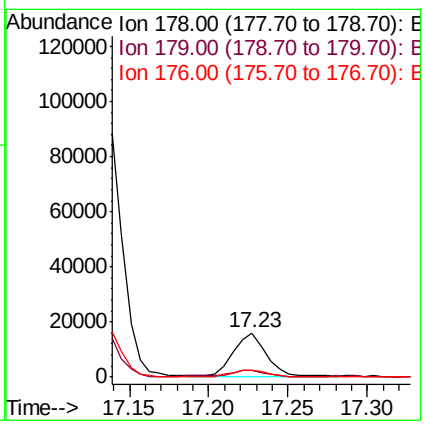


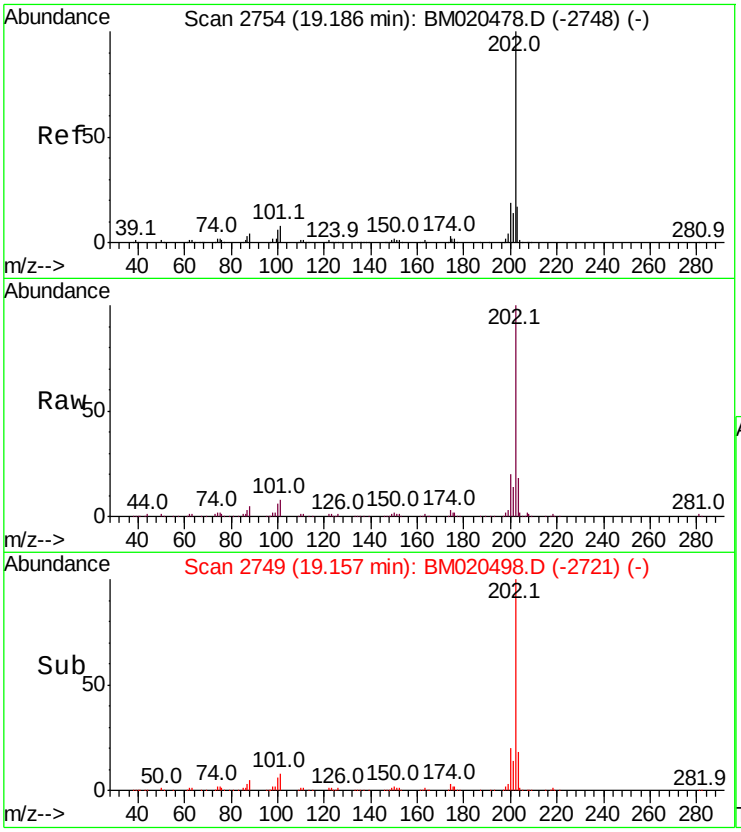


#71
Anthracene
Concen: 1.241 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:178 Resp: 24154

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	16.6	14.4	21.6



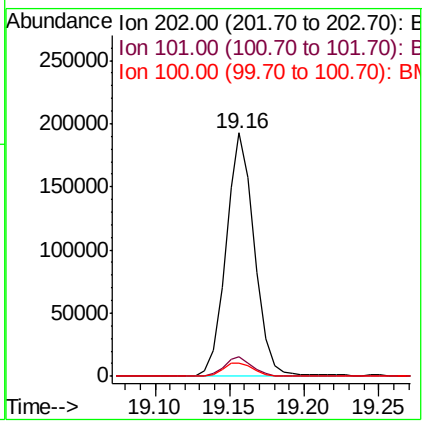


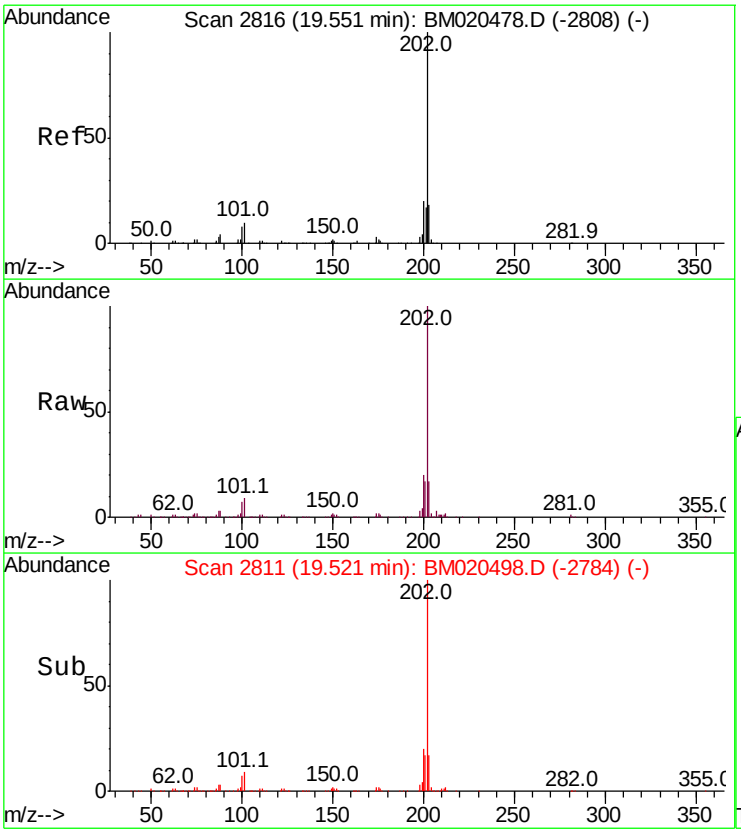
#76
Fluoranthene
Concen: 10.625 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 256804

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.4	9.6
100	5.7	5.2	7.8

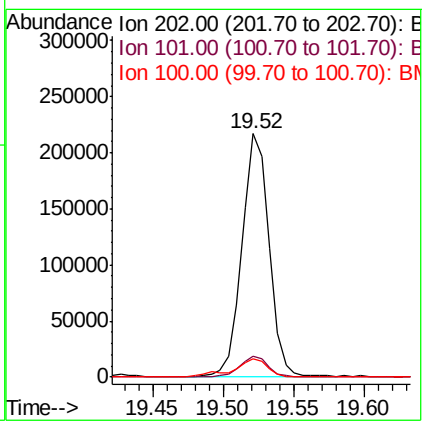


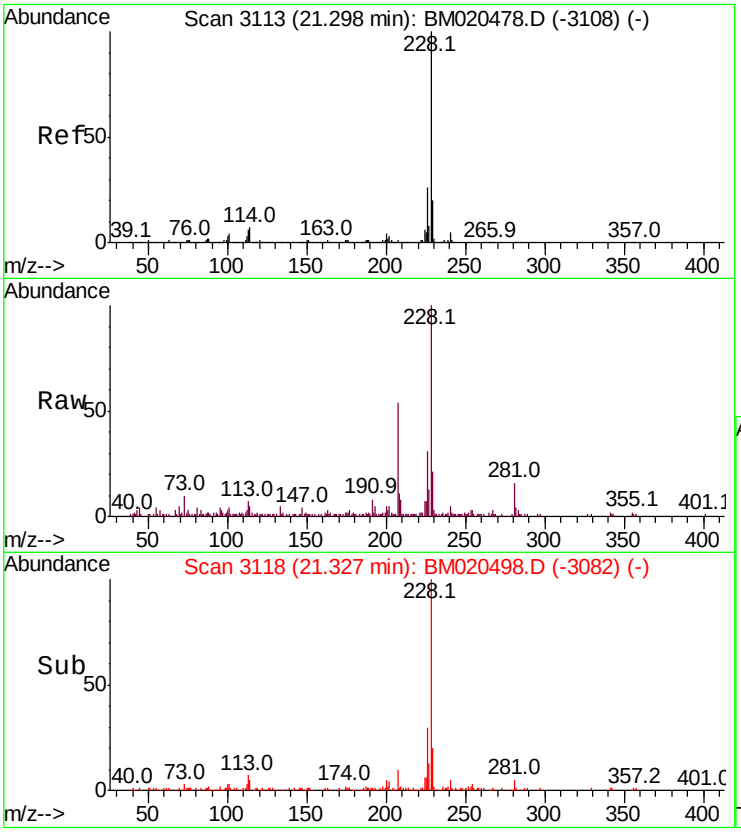


#79
Pyrene
Concen: 11.460 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:202 Resp: 293486

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.1	10.7
100	7.3	5.9	8.9



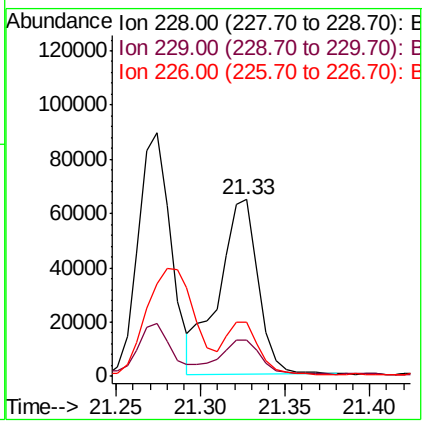


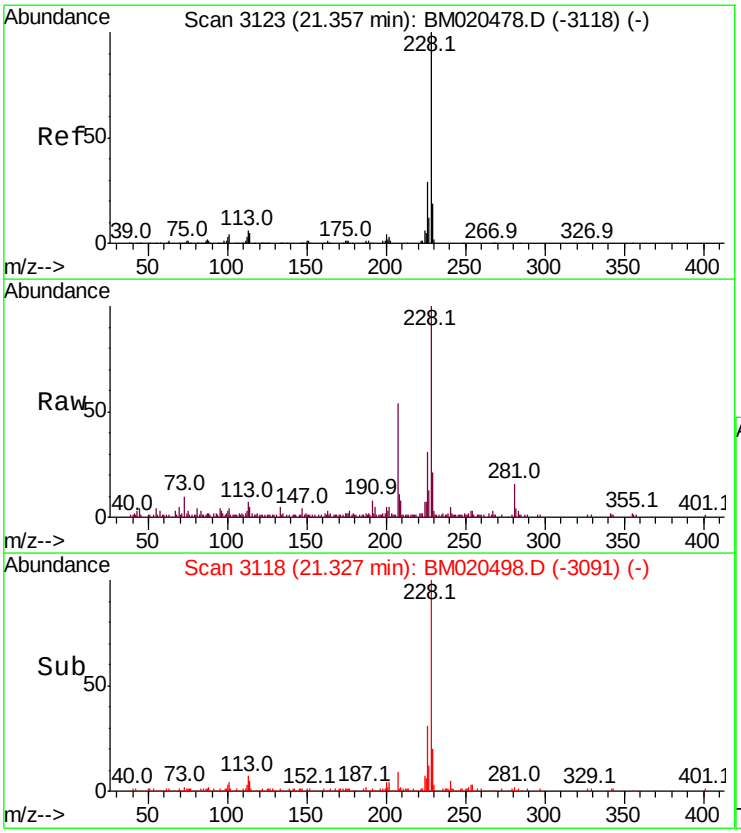
#82
Benzo(a)anthracene
Concen: 4.084 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 104879

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	30.6	20.6	30.8

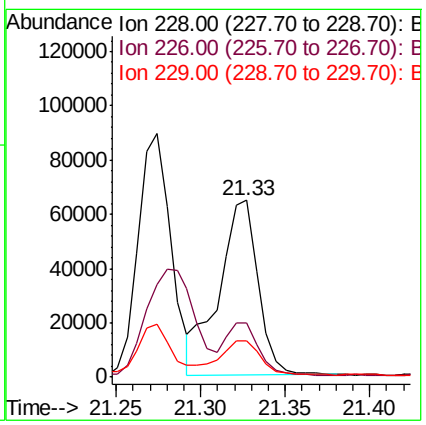


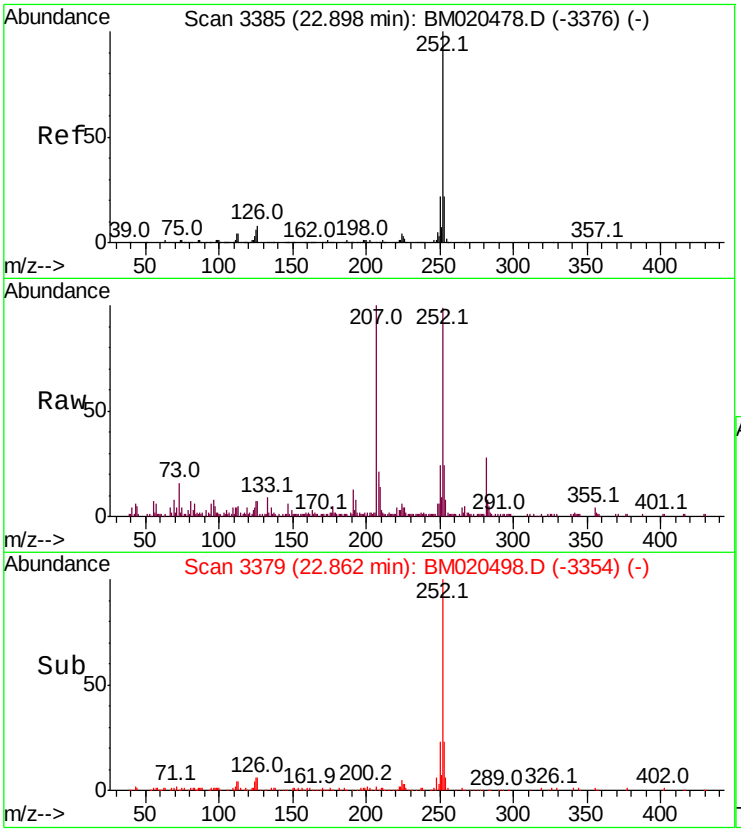


#84
Chrysene
Concen: 4.281 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.04 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:228 Resp: 105051

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	20.6	15.4	23.2



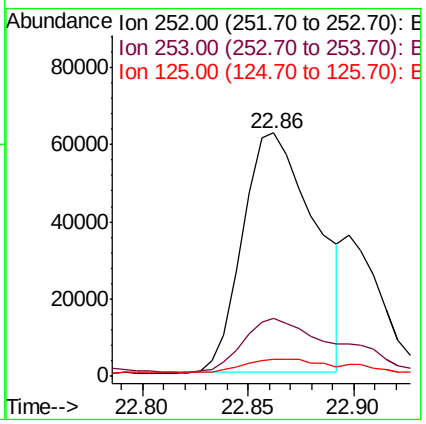


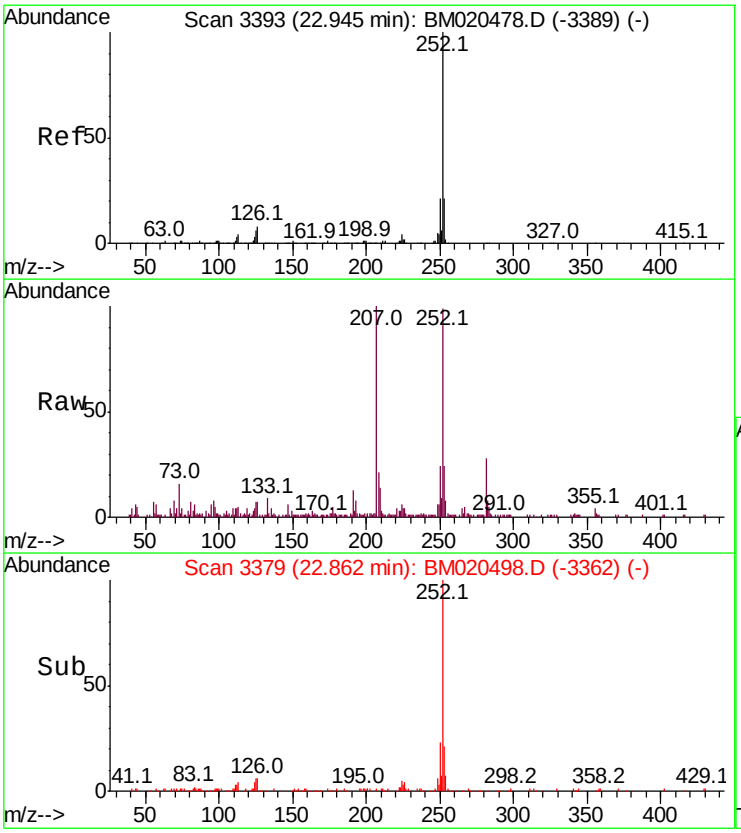
#87
Benzo(b)fluoranthene
Concen: 5.334 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.05 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 148989

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	7.1	5.0	7.4

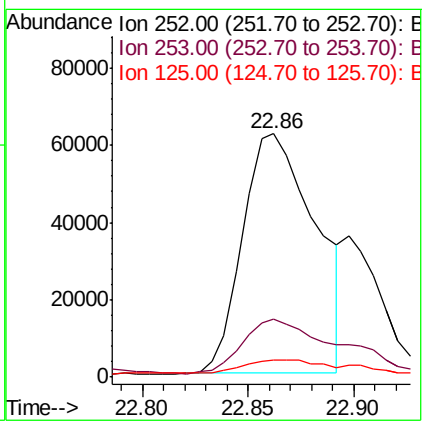


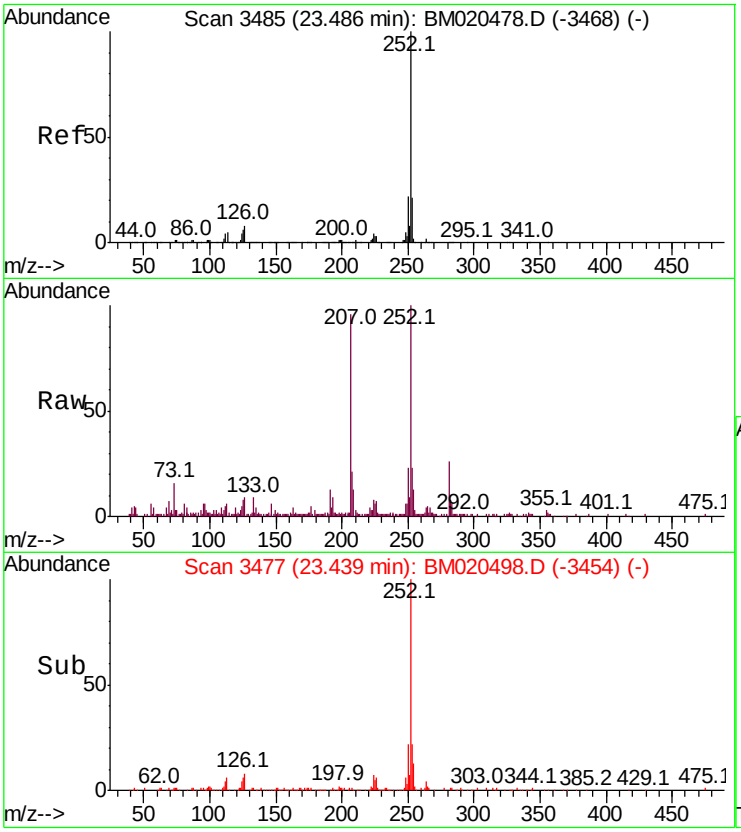


#88
Benzo(k)fluoranthene
Concen: 5.430 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.10 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:252 Resp: 148989

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	7.1	5.0	7.6



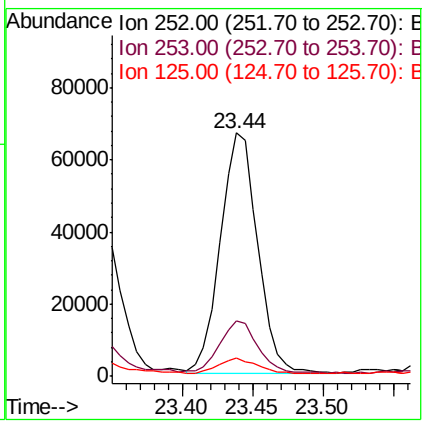


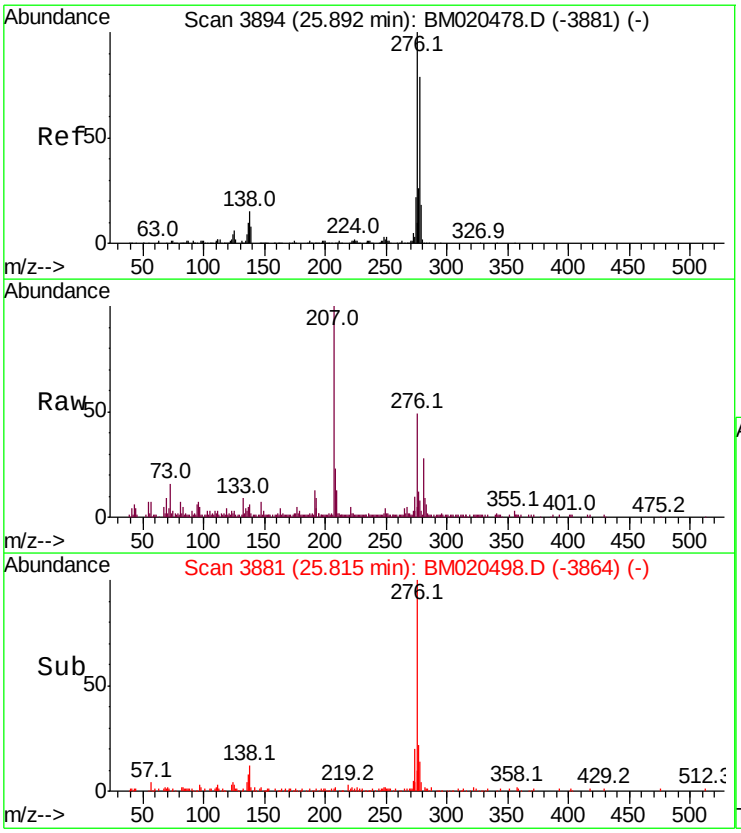
#90
Benzo(a)pyrene
Concen: 4.626 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.06 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 121592

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	7.5	5.4	8.2

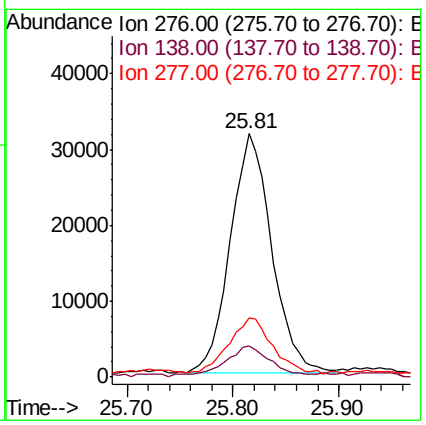


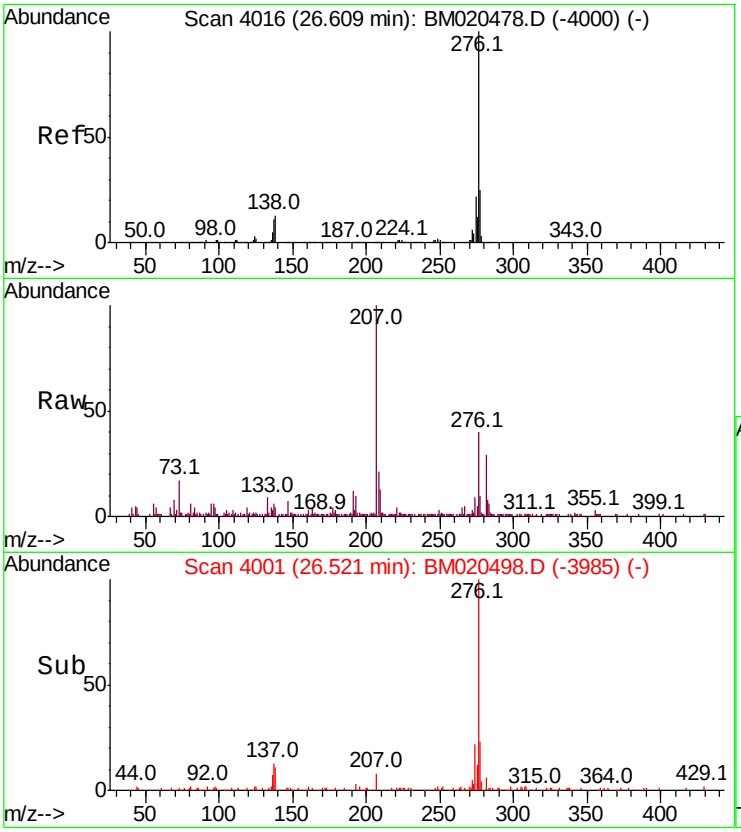


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.879 ng/ul
RT: 25.81 min Scan# 3881
Delta R.T. -0.10 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Tgt Ion:276 Resp: 86224

Ion	Ratio	Lower	Upper
276	100		
138	12.8	12.3	18.5
277	24.6	20.0	30.0





#93
Benzo(g,h,i)perylene
Concen: 3.316 ng/ul
RT: 26.52 min Scan# 4001
Delta R.T. -0.11 min
Lab File: BM020498.D
Acq: 22 May 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 82227

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.0	15.0
277	24.6	18.2	27.4