Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:46:52 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	106	20.00	ng/ul	0.02
18) Naphthalene-d8	10.47	136	245988	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.34	164	151095	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	373197	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	402530	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	480788	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	253	88.08	ng/uL	0.01
5) Phenol-d5	6.86	99	86260	10200.92	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	58999	10974.79	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	69941	11277.31	ng/ul	-0.05
13) 4-Methylphenol-d8	8.47	113	303	49.20	ng/ul	0.04
19) Nitrobenzene-d5	8.85	128	31069	19.41	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.56	143	36518	20.69	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	69884	18.72	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.63	131	34760	9.02	ng/ul	-0.04
43) Dimethylphthalate-d6	13.75	166	223100	20.52	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	258480	19.01	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	11007	6.97	ng/ul	-0.02
57) Fluorene-d10	15.33	176	192650	19.93	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.48	200	11507	5.41	ng/ul	-0.04
70) Anthracene-d10	17.19	188	299009	18.68	ng/ul	-0.04
78) Pyrene-d10	19.49	212	361090	18.62	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.40	264	394157	18.04	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	318	106.098	ng/uL#	1
4) Benzaldehyde	6.83	77	5099	703.879	ng/ul	89
6) Phenol	6.88	94	2818	316.790	ng/ul#	78
14) Acetophenone	8.52	105	4381	416.696	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	2102	350.342	ng/ul#	1
44) Dimethylphthalate	13.80	163	57046	5.305	ng/ul	98
47) Acenaphthylene	14.06	152	34656	2.703	ng/ul	97
49) Acenaphthene	14.40	153	9835	1.116	ng/ul	95
53) Dibenzofuran	14.74	168	13777	1.032	ng/ul	95
58) Fluorene	15.39	166	23112	2.161	ng/ul	95
69) Phenanthrene	17.13	178	341602	19.211	ng/ul	99
71) Anthracene	17.23	178	93291	5.158	ng/ul	98
74) Carbazole	17.51	167	21219	1.382	ng/ul	95
76) Fluoranthene	19.16	202	745622	33.195	ng/ul	98
79) Pyrene	19.52	202	606380	25.098	ng/ul	99
82) Benzo(a)anthracene	21.27	228	397725	16.416	ng/ul	98
84) Chrysene	21.32	228	353727	15.278	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	454938	16.579	ng/ul	97
88) Benzo(k)fluoranthene	22.90	252	180614	6.701	ng/ul	95
90) Benzo(a)pyrene	23.44	252	330608	12.803	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.82	276	224444	7.628	ng/ul#	97
92) Dibenzo(a,h)anthracene	25.82	278	67320	2.675	ng/ul#	86
93) Benzo(g,h,i)perylene	26.53	276	181417	7.448	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:46:52 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)

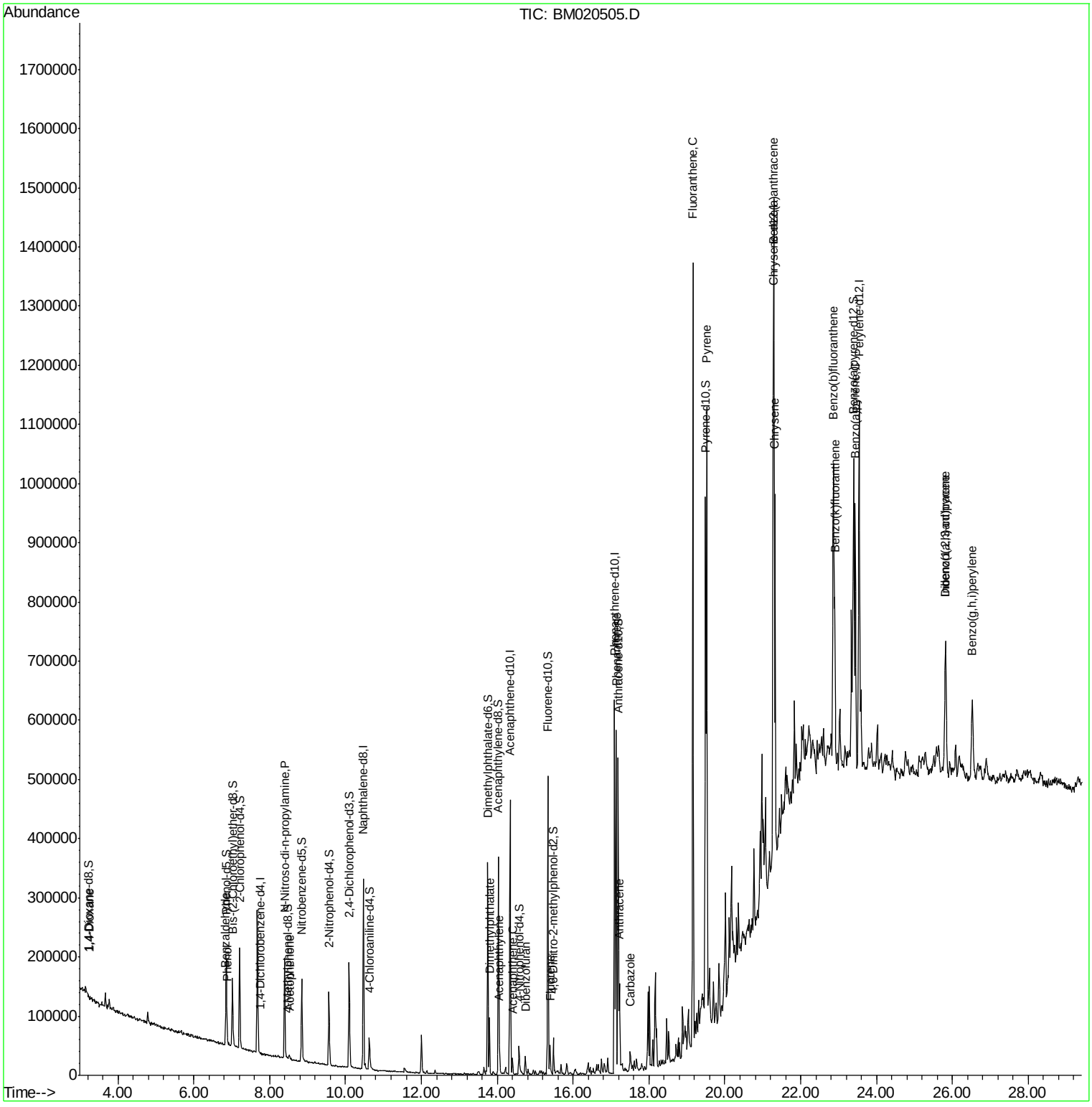
(#) = qualifier out of range (m) = manual integration (+) = signals summed

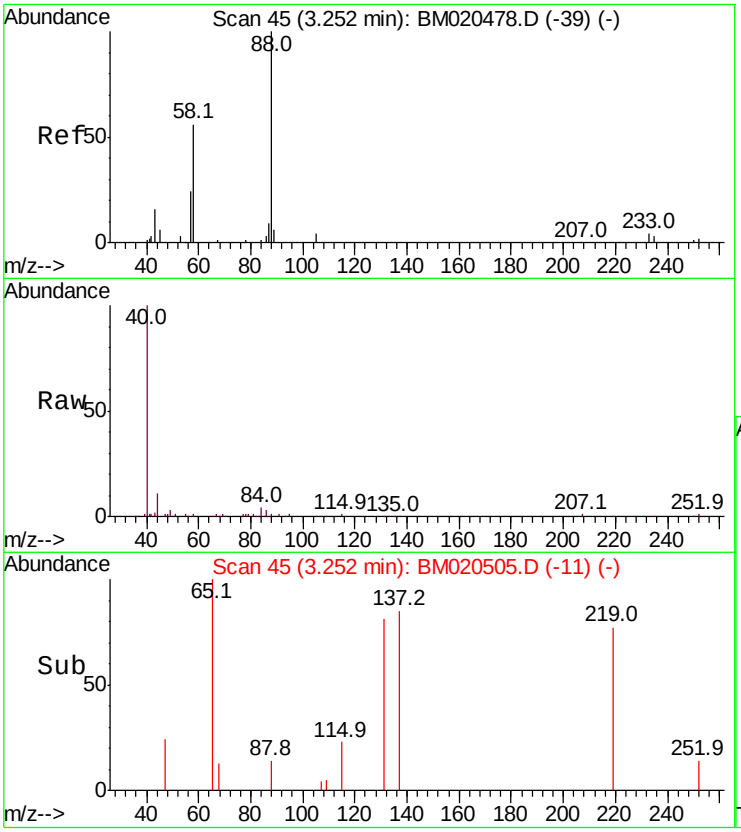
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020505.D
Acq On : 22 May 2019 23:25
Operator : JU/SJ
Sample : K2925-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:46:52 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



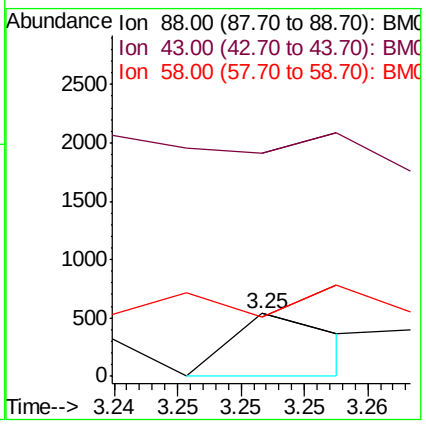


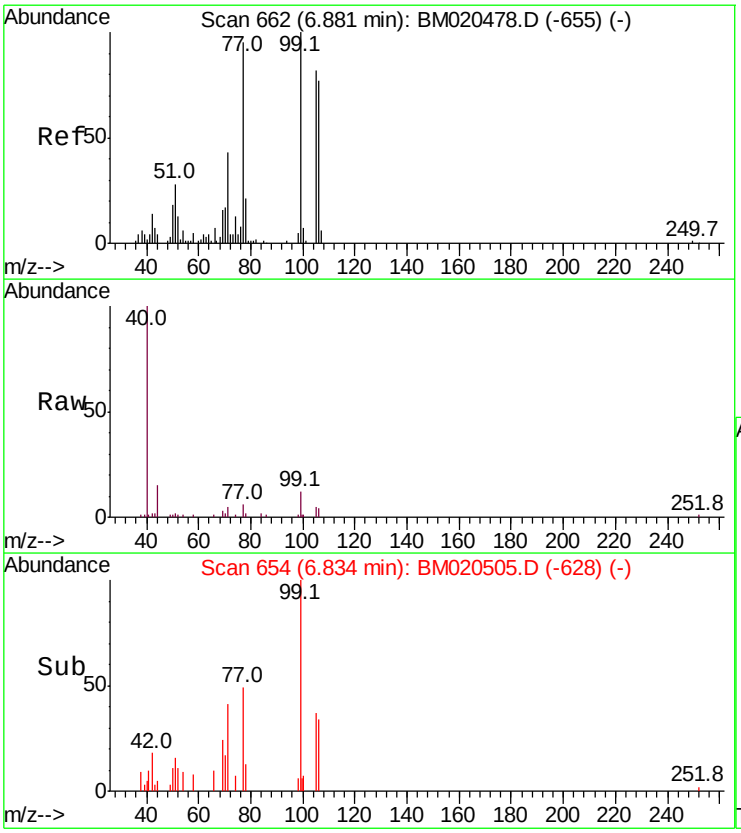
#2
1,4-Dioxane
Concen: 106.098 ng/uL
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 318

Ion	Ratio	Lower	Upper
88	100		
43	355.6	21.4	32.2#
58	94.2	45.1	67.7#

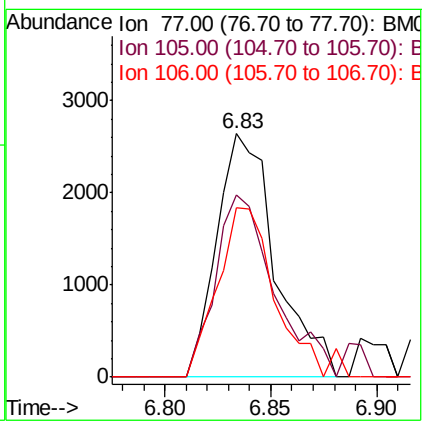


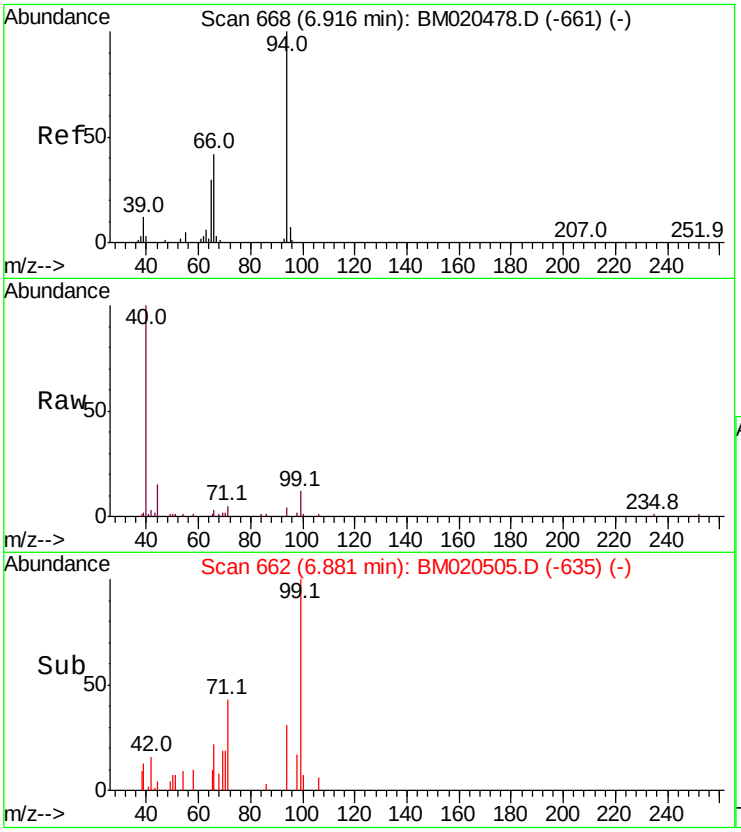


#4
Benzaldehyde
Concen: 703.879 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. -0.05 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion: 77 Resp: 5099

Ion	Ratio	Lower	Upper
77	100		
105	75.0	67.4	101.0
106	69.8	64.8	97.2



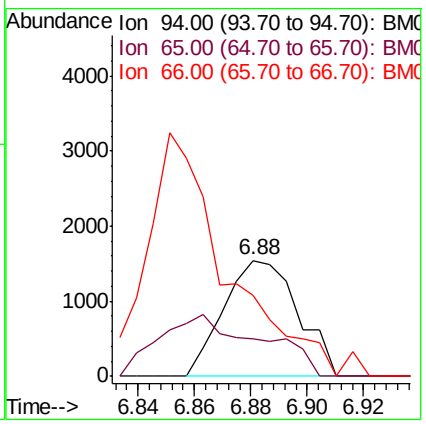


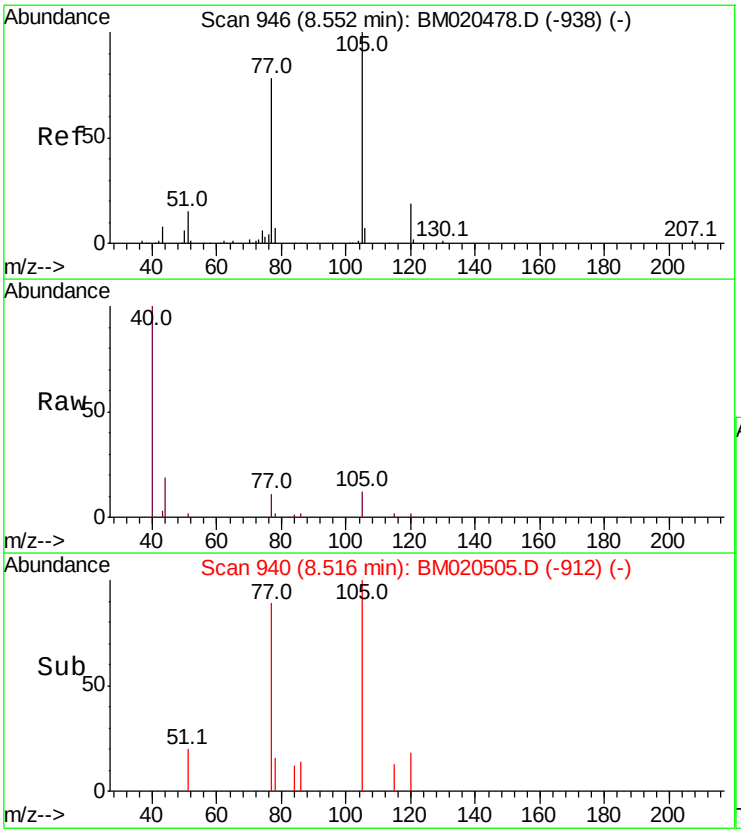
#6
Phenol
Concen: 316.790 ng/ul
RT: 6.88 min Scan# 662
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 2818

Ion	Ratio	Lower	Upper
94	100		
65	32.0	25.4	38.0
66	69.6	36.5	54.7#

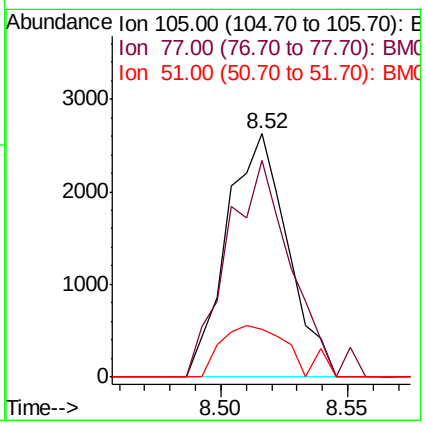


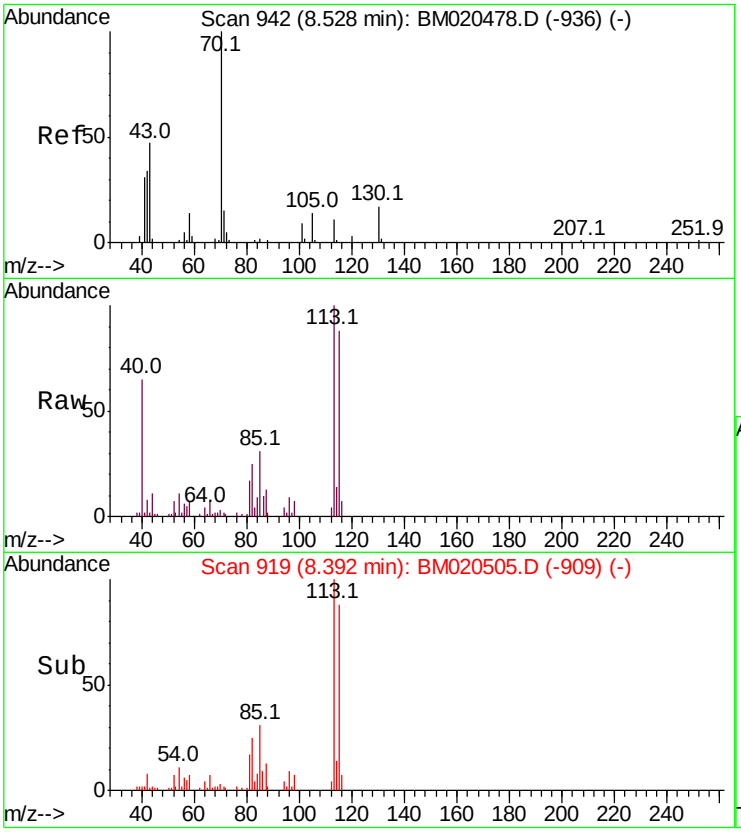


#14
Acetophenone
Concen: 416.696 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:105 Resp: 4381

Ion	Ratio	Lower	Upper
105	100		
77	89.1	74.0	111.0
51	19.6	16.5	24.7



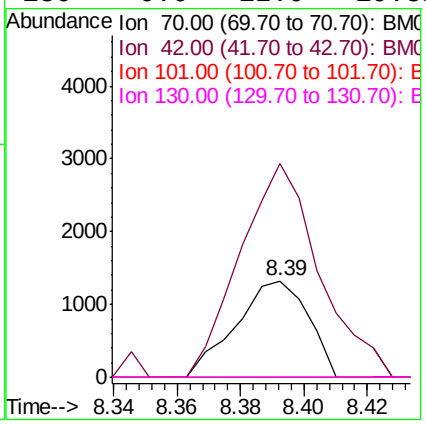


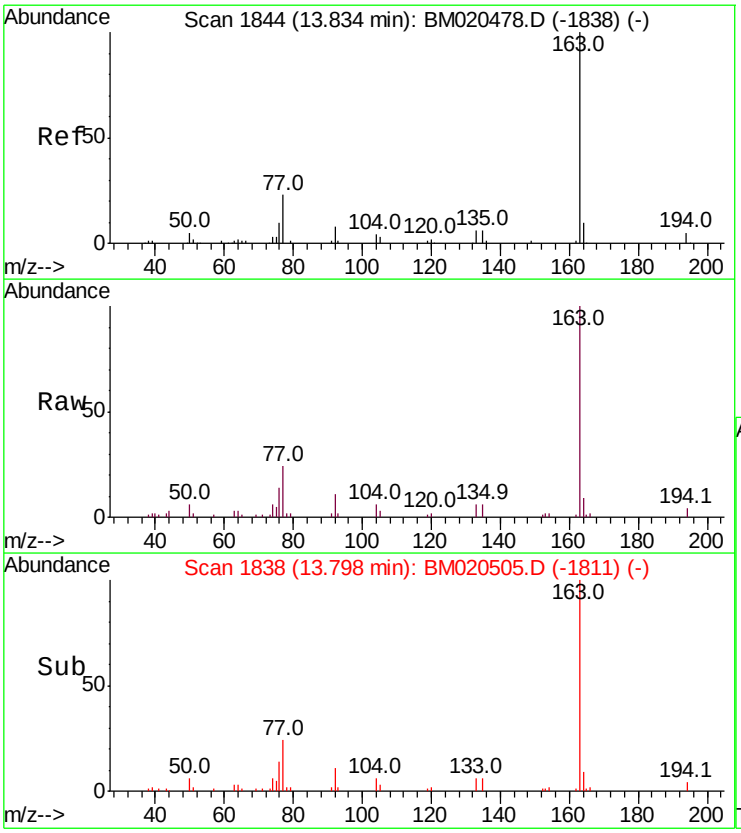
#15
N-Nitroso-di-n-propylamine
Concen: 350.342 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.14 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 2102

Ion	Ratio	Lower	Upper
70	100		
42	221.0	26.5	39.7#
101	0.0	7.2	10.8#
130	0.0	12.9	19.3#

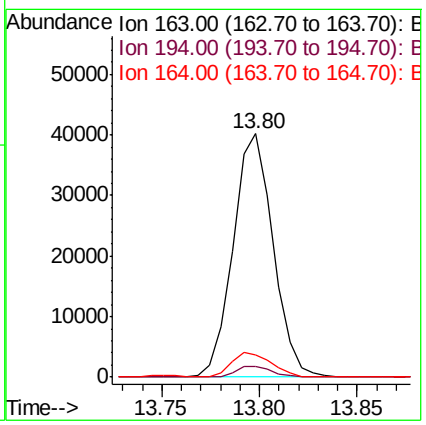


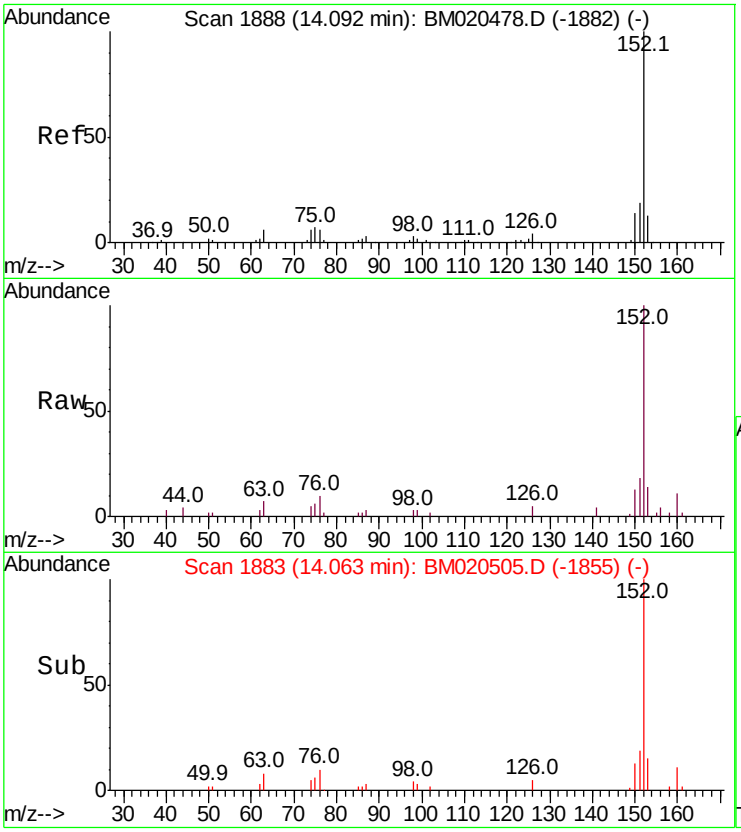


#44
Dimethylphthalate
Concen: 5.305 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:163 Resp: 57046

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.3	8.0	12.0



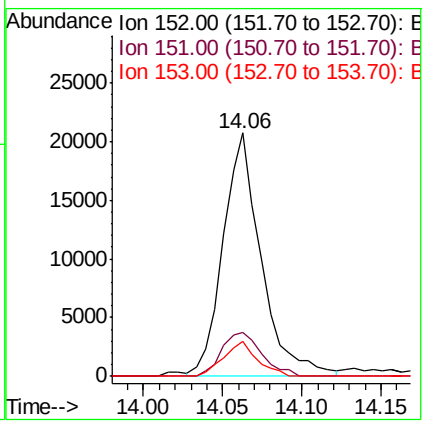


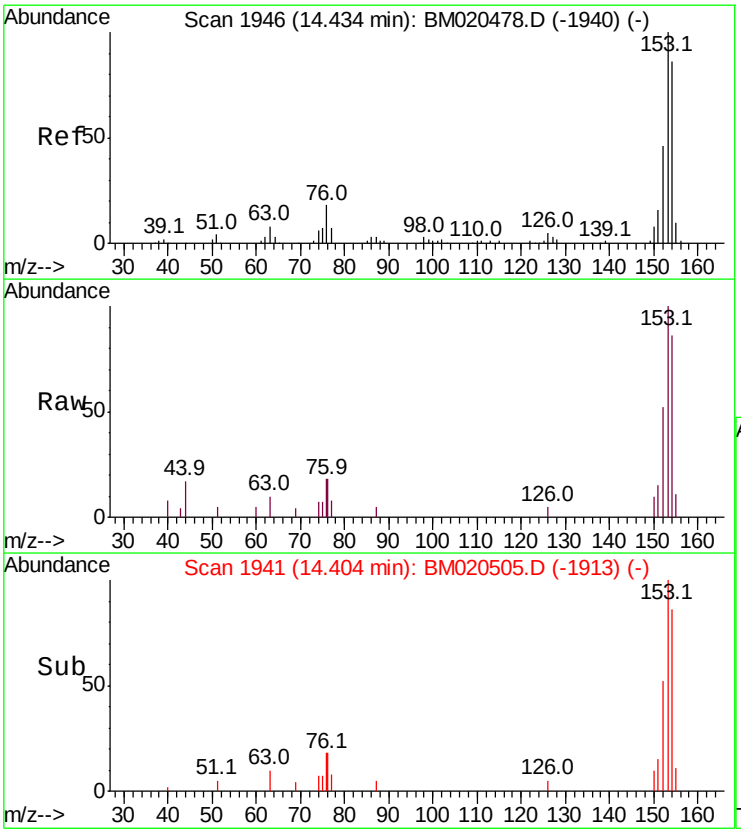
#47
Acenaphthylene
Concen: 2.703 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 34656

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0
153	14.3	10.3	15.5

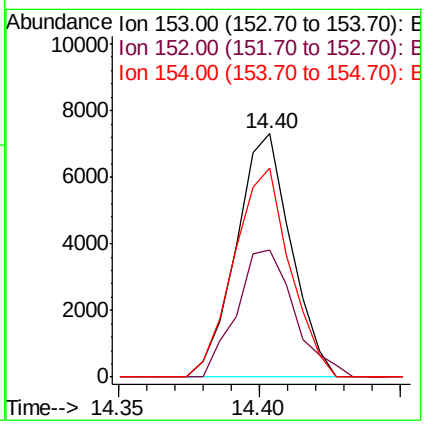


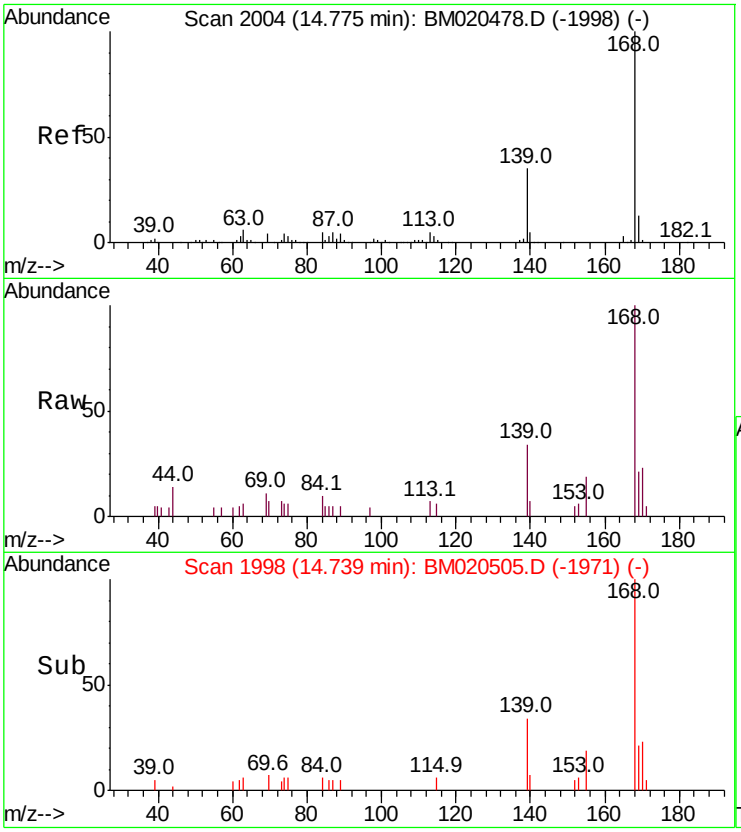


#49
Acenaphthene
Concen: 1.116 ng/ul
RT: 14.40 min Scan# 1941
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:153 Resp: 9835

Ion	Ratio	Lower	Upper
153	100		
152	52.4	37.9	56.9
154	86.1	71.2	106.8



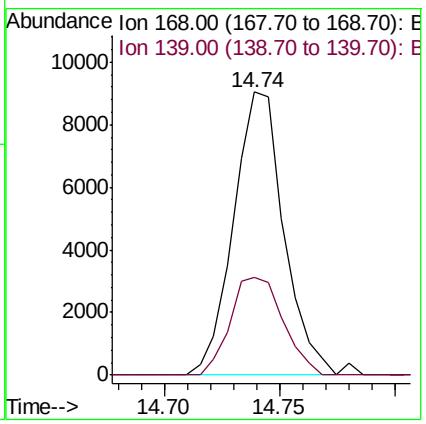


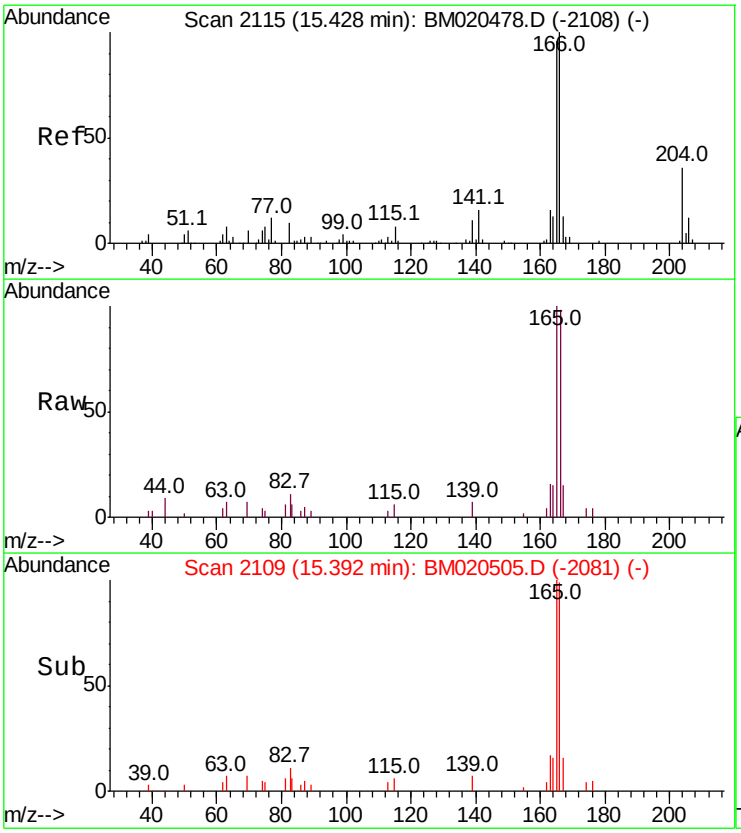
#53
Dibenzofuran
Concen: 1.032 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 13777

Ion	Ratio	Lower	Upper
168	100		
139	34.5	30.1	45.1

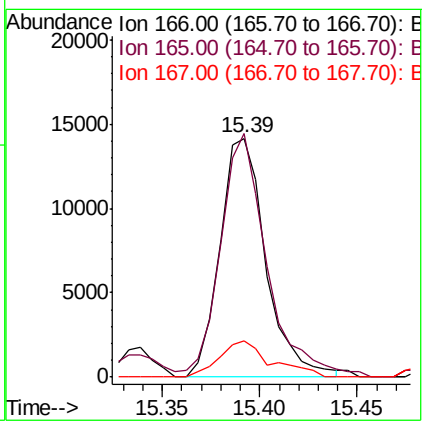


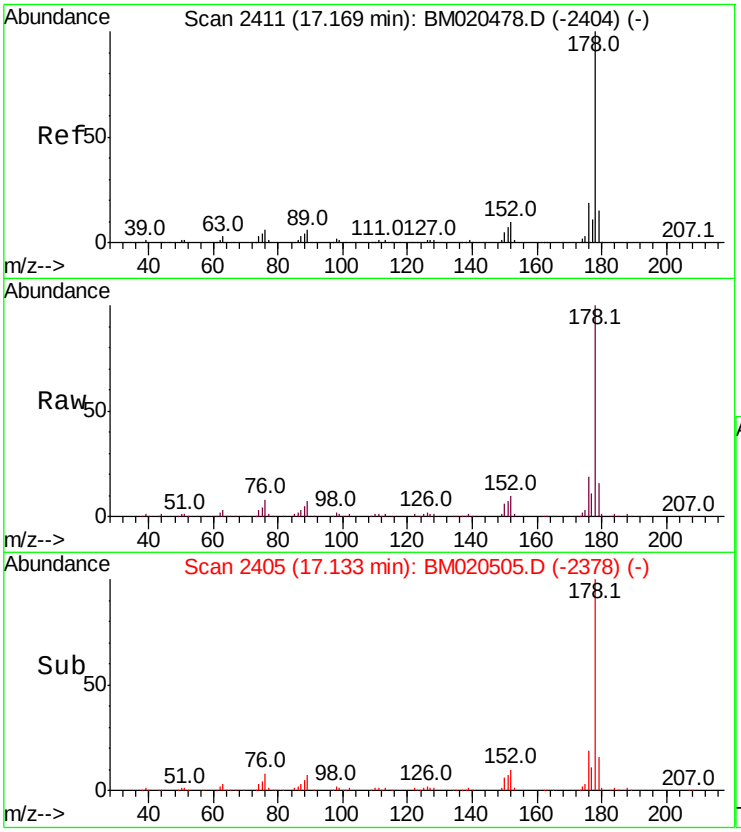


#58
Fluorene
Concen: 2.161 ng/ul
RT: 15.39 min Scan# 2109
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:166 Resp: 23112

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.1	115.7
167	15.2	11.1	16.7



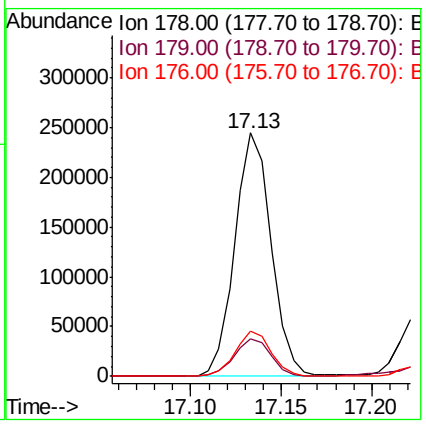


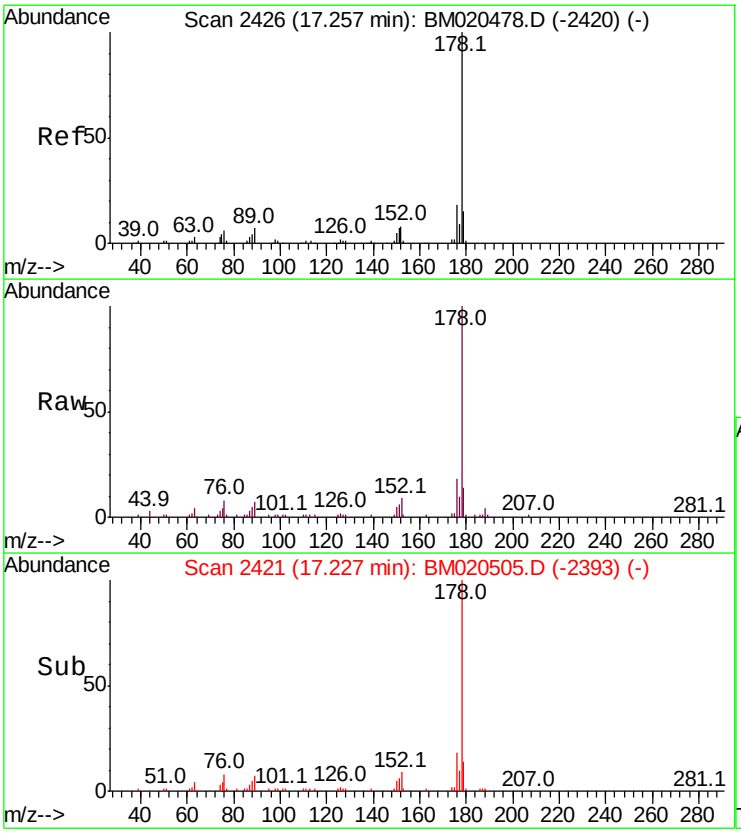
#69
Phenanthrene
Concen: 19.211 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 341602

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

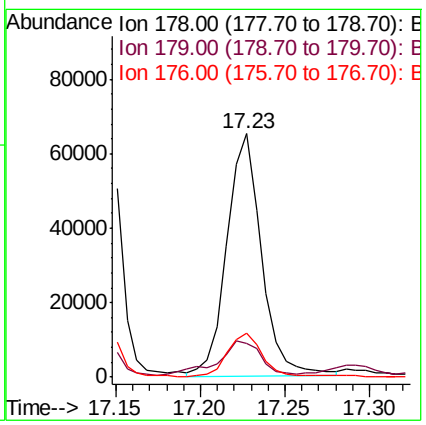


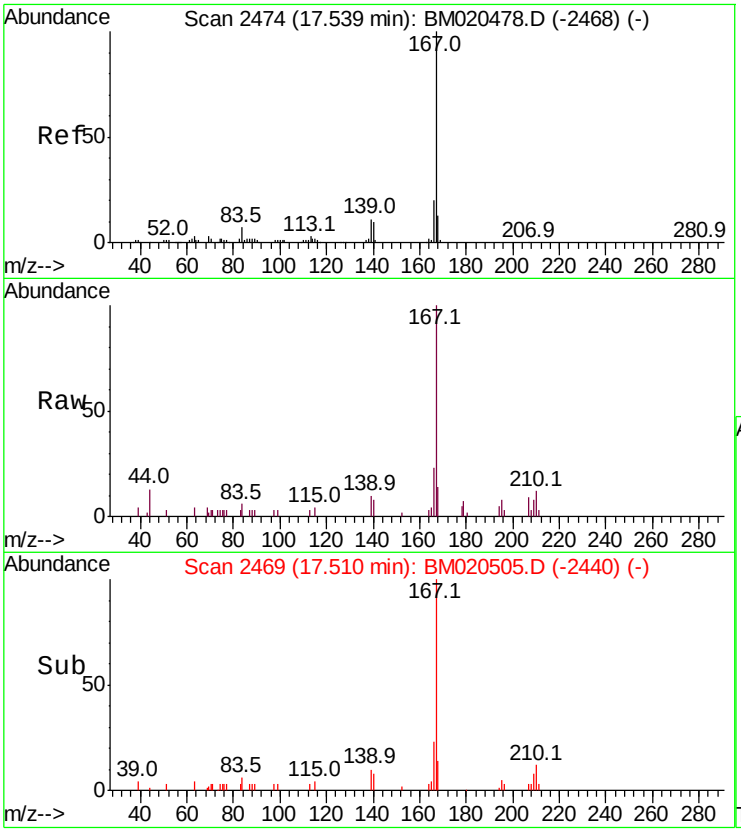


#71
Anthracene
Concen: 5.158 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:178 Resp: 93291

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.4	18.6
176	18.1	14.4	21.6



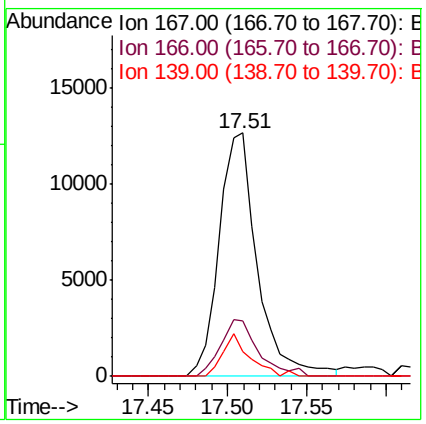


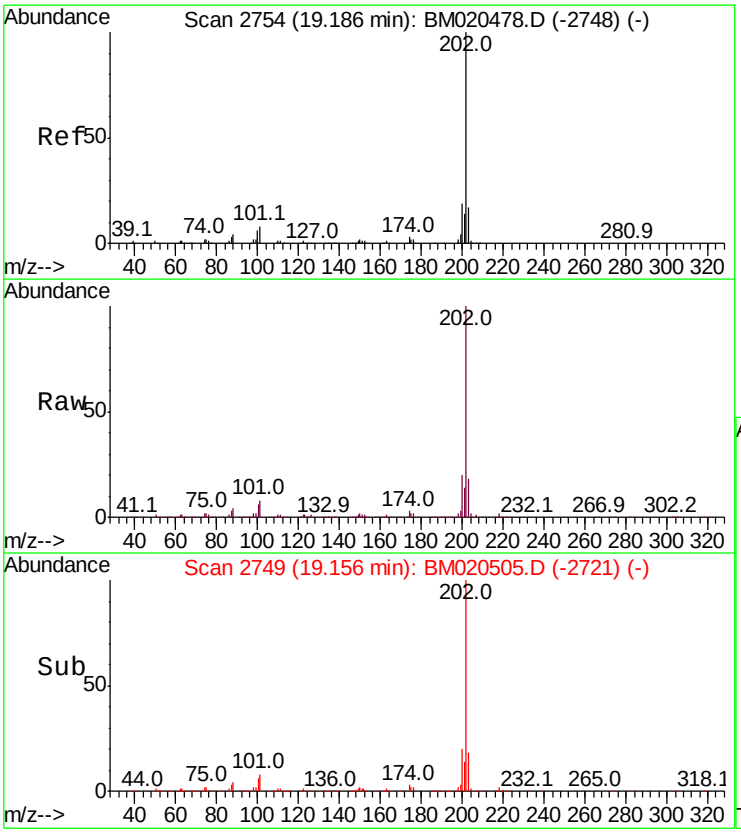
#74
Carbazole
Concen: 1.382 ng/ul
RT: 17.51 min Scan# 2469
Delta R.T. -0.03 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 21219

Ion	Ratio	Lower	Upper
167	100		
166	22.7	16.6	24.8
139	10.2	9.8	14.8

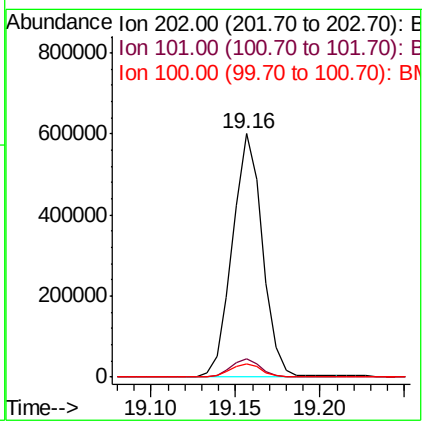


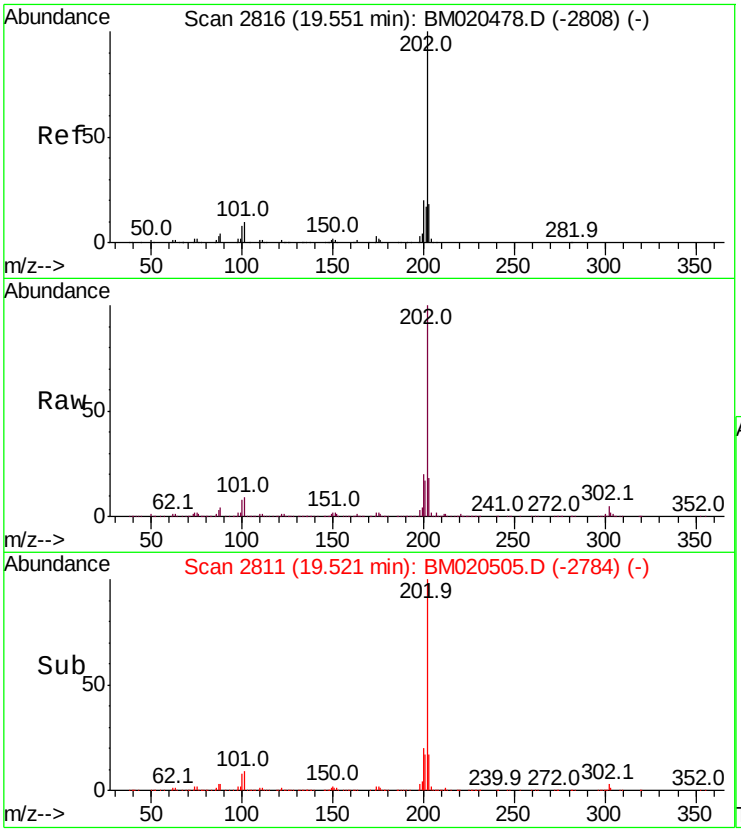


#76
Fluoranthene
Concen: 33.195 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:202 Resp: 745622

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.4	9.6
100	5.6	5.2	7.8



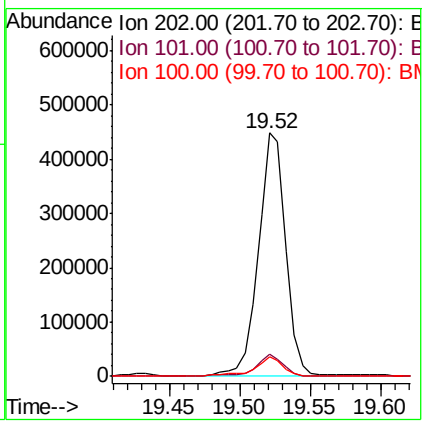


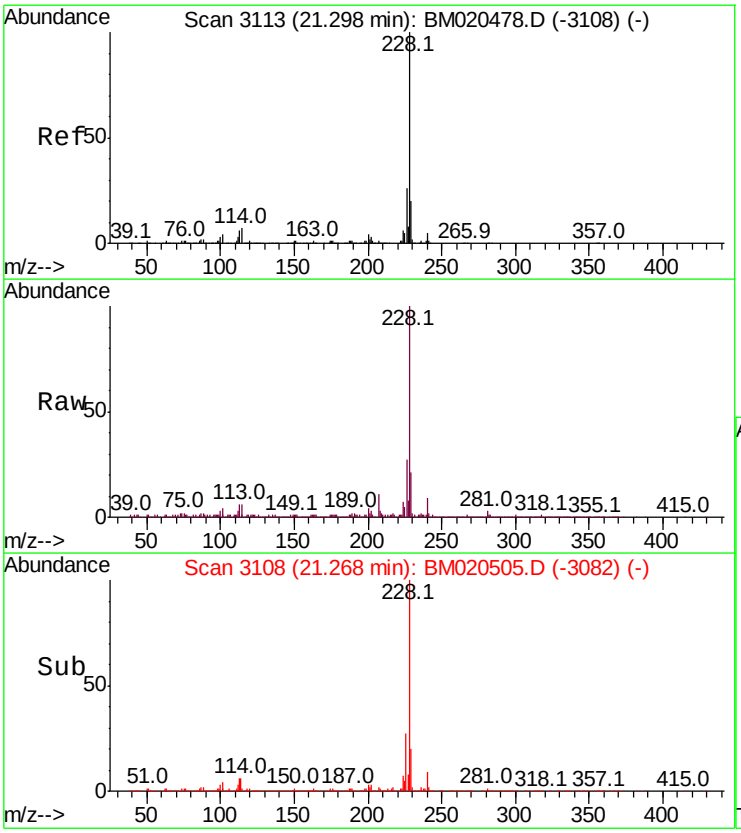
#79
Pyrene
Concen: 25.098 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.04 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 606380

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.1	10.7
100	8.0	5.9	8.9

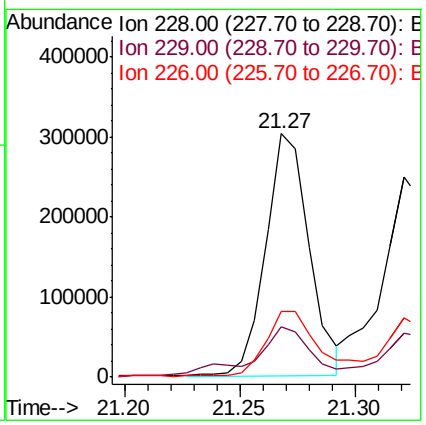


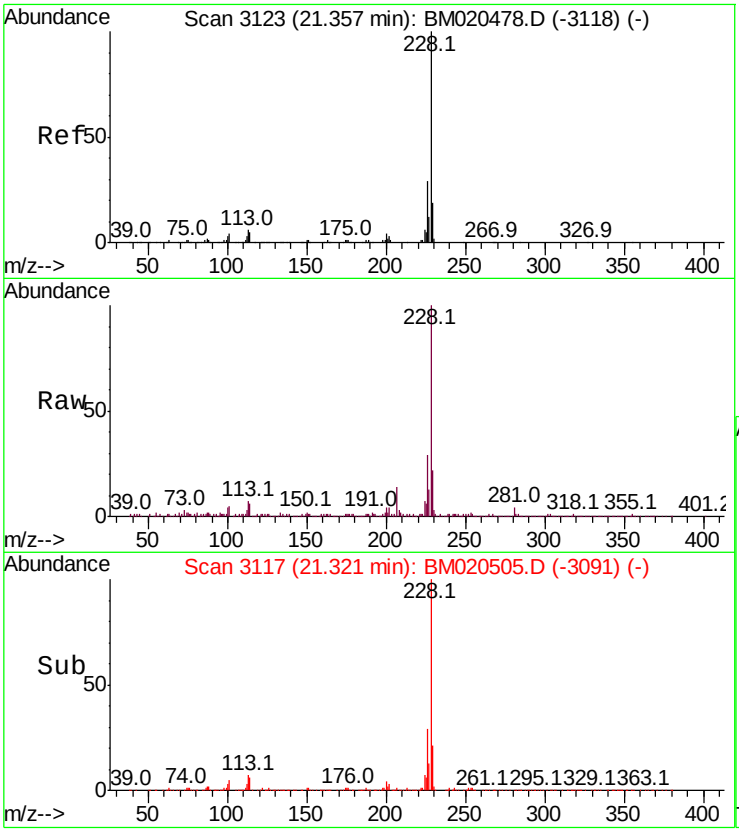


#82
Benzo(a)anthracene
Concen: 16.416 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.05 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:228 Resp: 397725

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.0	20.6	30.8



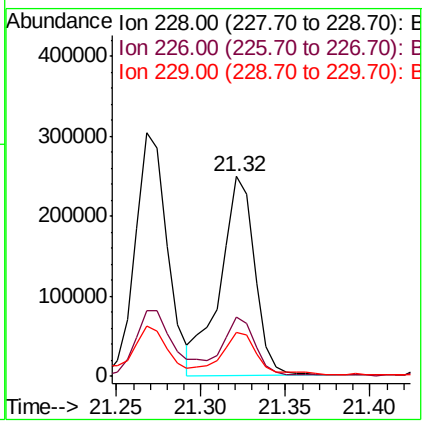


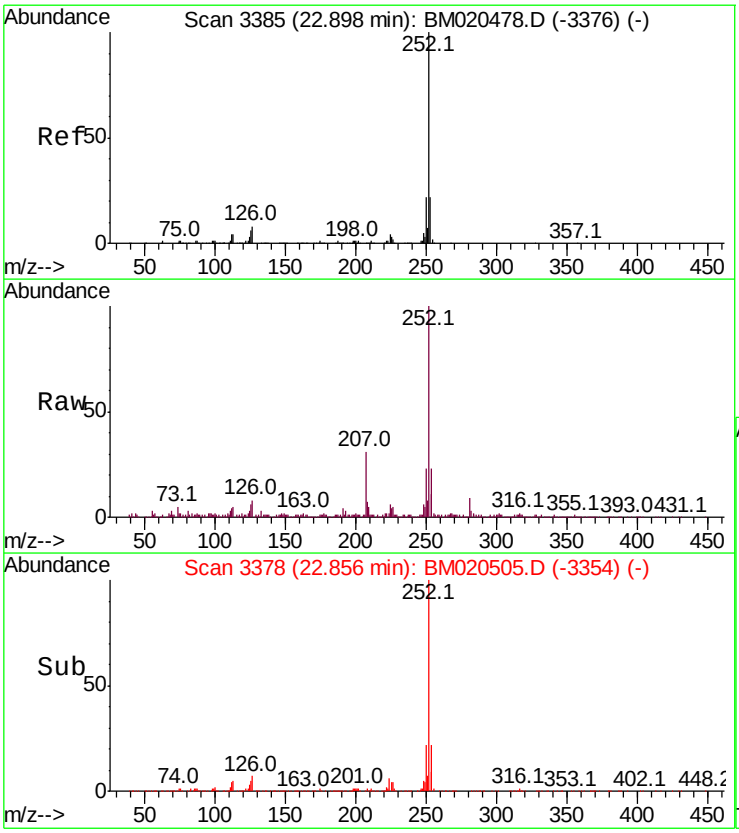
#84
Chrysene
Concen: 15.278 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 353727

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.4
229	21.7	15.4	23.2

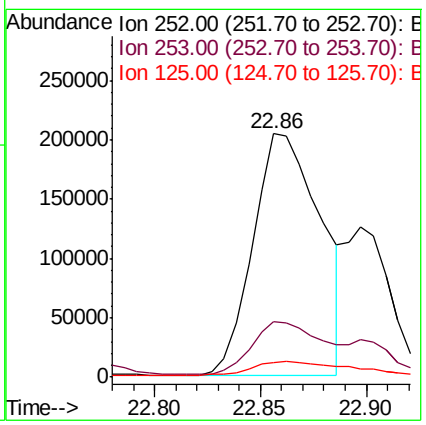


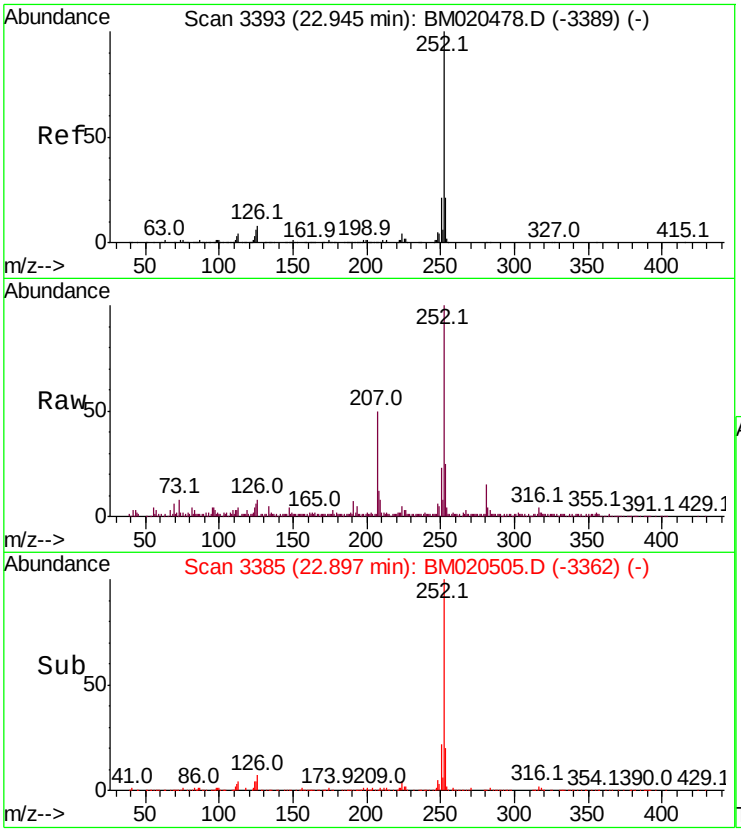


#87
Benzo(b)fluoranthene
Concen: 16.579 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:252 Resp: 454938

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	6.0	5.0	7.4



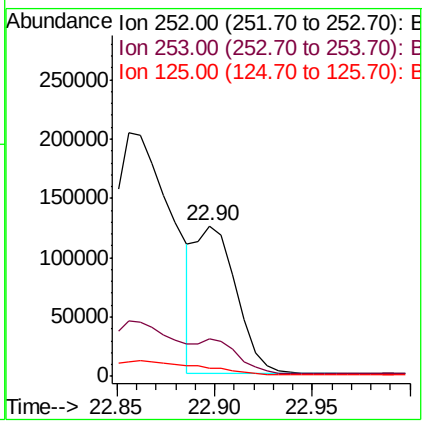


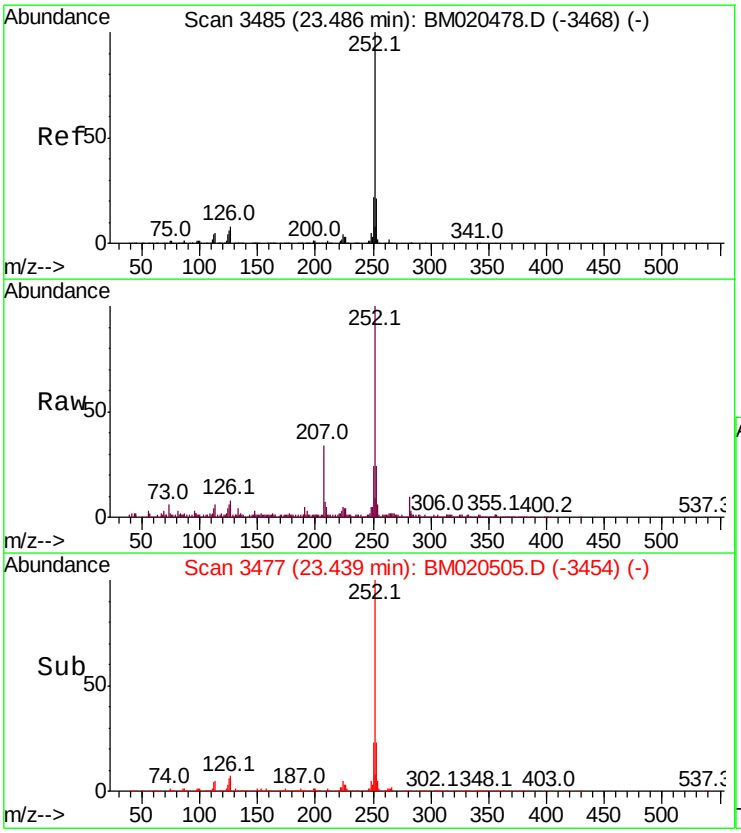
#88
Benzo(k)fluoranthene
Concen: 6.701 ng/ul
RT: 22.90 min Scan# 3385
Delta R.T. -0.06 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 180614

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	5.7	5.0	7.6

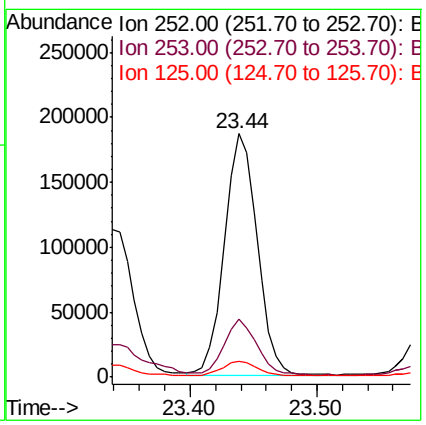


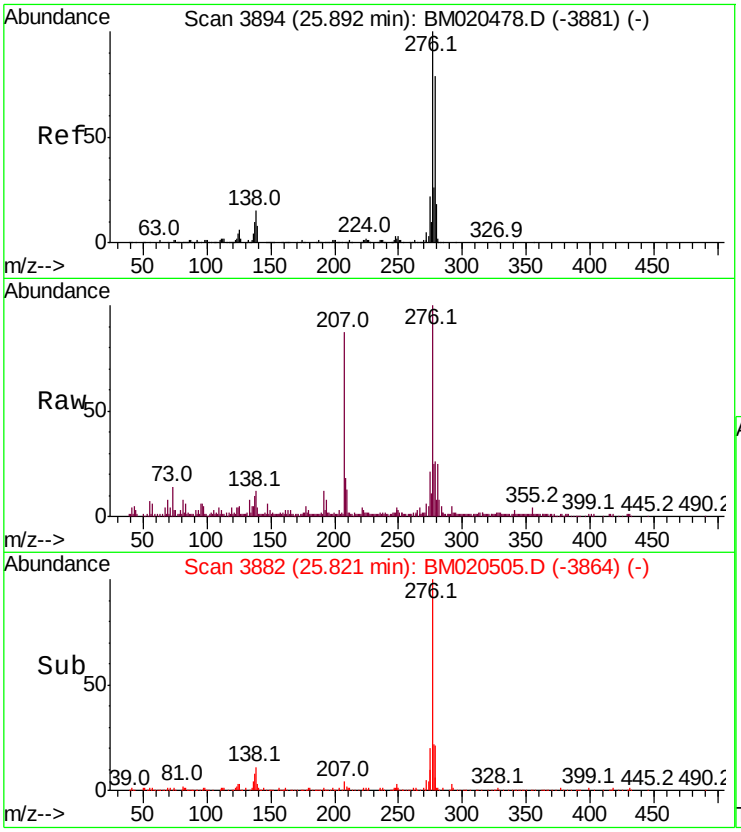


#90
Benzo(a)pyrene
Concen: 12.803 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.06 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:252 Resp: 330608

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	6.5	5.4	8.2



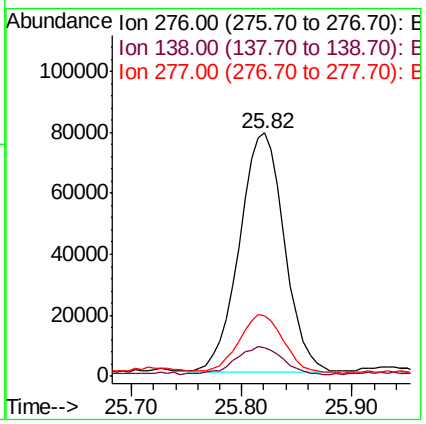


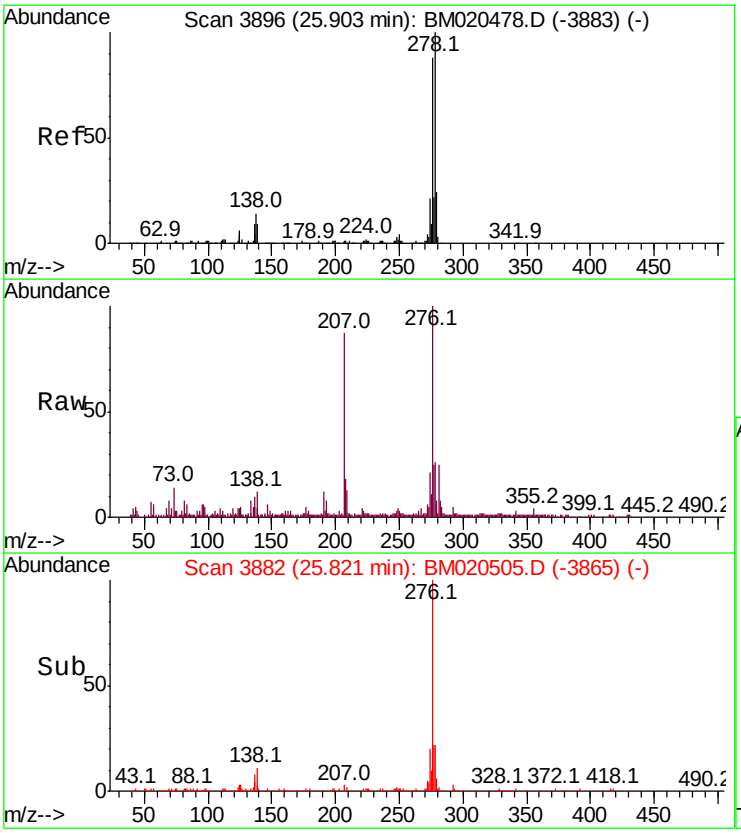
#91
Indeno(1,2,3-cd)pyrene
Concen: 7.628 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.09 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 224444

Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.3	18.5#
277	24.9	20.0	30.0

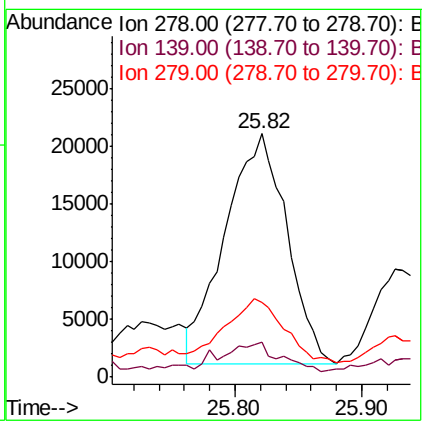


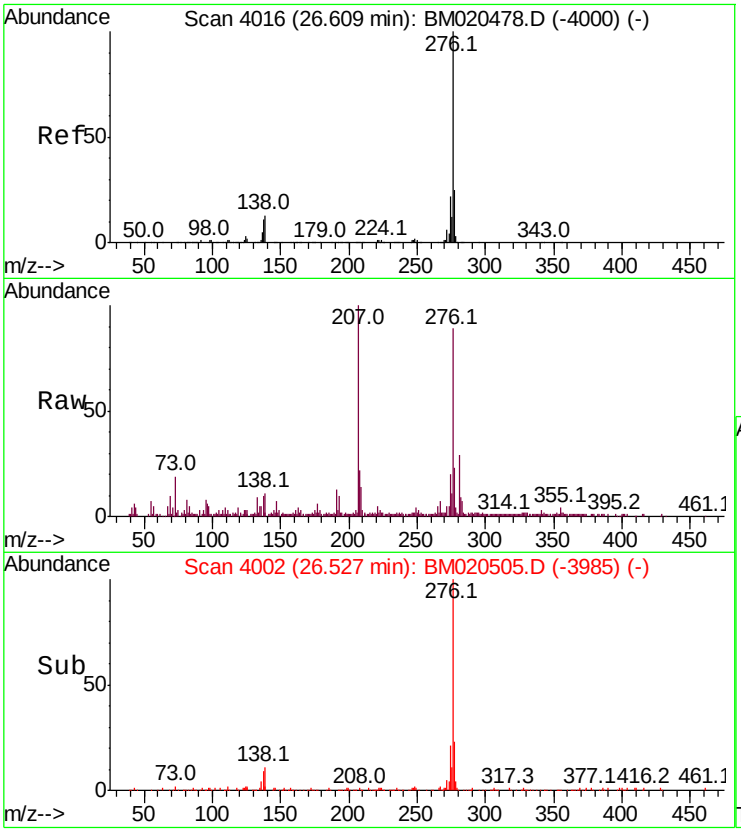


#92
Dibenzo(a,h)anthracene
Concen: 2.675 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.10 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Tgt Ion:278 Resp: 67320

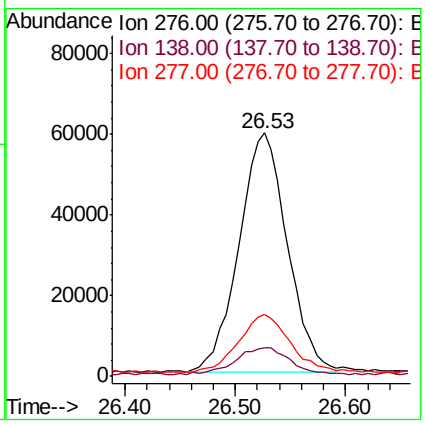
Ion	Ratio	Lower	Upper
278	100		
139	14.4	8.1	12.1#
279	30.5	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 7.448 ng/ul
RT: 26.53 min Scan# 4002
Delta R.T. -0.10 min
Lab File: BM020505.D
Acq: 22 May 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 181417

Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.0	15.0
277	25.2	18.2	27.4