Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020186.D
Acq On : 08 May 2019 04:00
Operator : JU/SJ
Sample : K2672-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 08 05:43:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	140423	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	485255	20.00	ng		0.00
39) Acenaphthene-d10	14.44	164	290740	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	680129	20.00	ng		0.00
76) Chrysene-d12	21.37	240	731646	20.00	ng		0.00
87) Perylene-d12	23.66	264	873623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1482638	172.59	ng		0.00
7) Phenol-d6	6.97	99	2040920	173.90	ng		0.02
23) Nitrobenzene-d5	8.96	82	1369738	111.44	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	905929	200.75	ng		0.01
45) 2-Fluorobiphenyl	13.06	172	2320623	98.21	ng		0.00
79) Terphenyl-d14	19.81	244	3771016	89.90	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.89	163	394248	15.955	ng		99
71) Phenanthrene	17.23	178	232804	6.201	ng		99
75) Fluoranthene	19.24	202	527553	11.106	ng		98
78) Pyrene	19.61	202	502066	10.221	ng		98
81) Benzo(a)anthracene	21.35	228	324852	6.331	ng		92
83) Chrysene	21.35	228	310618	6.242	ng		95
86) Indeno(1,2,3-cd)pyrene	26.00	276	285576	4.825	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	666019	11.545	ng	#	88
89) Benzo(k)fluoranthene	22.97	252	667436	12.683	ng	#	88
90) Benzo(a)pyrene	23.56	252	381665	7.284	ng	#	87
92) Benzo(g,h,i)perylene	26.72	276	283841	5.486	ng	#	91

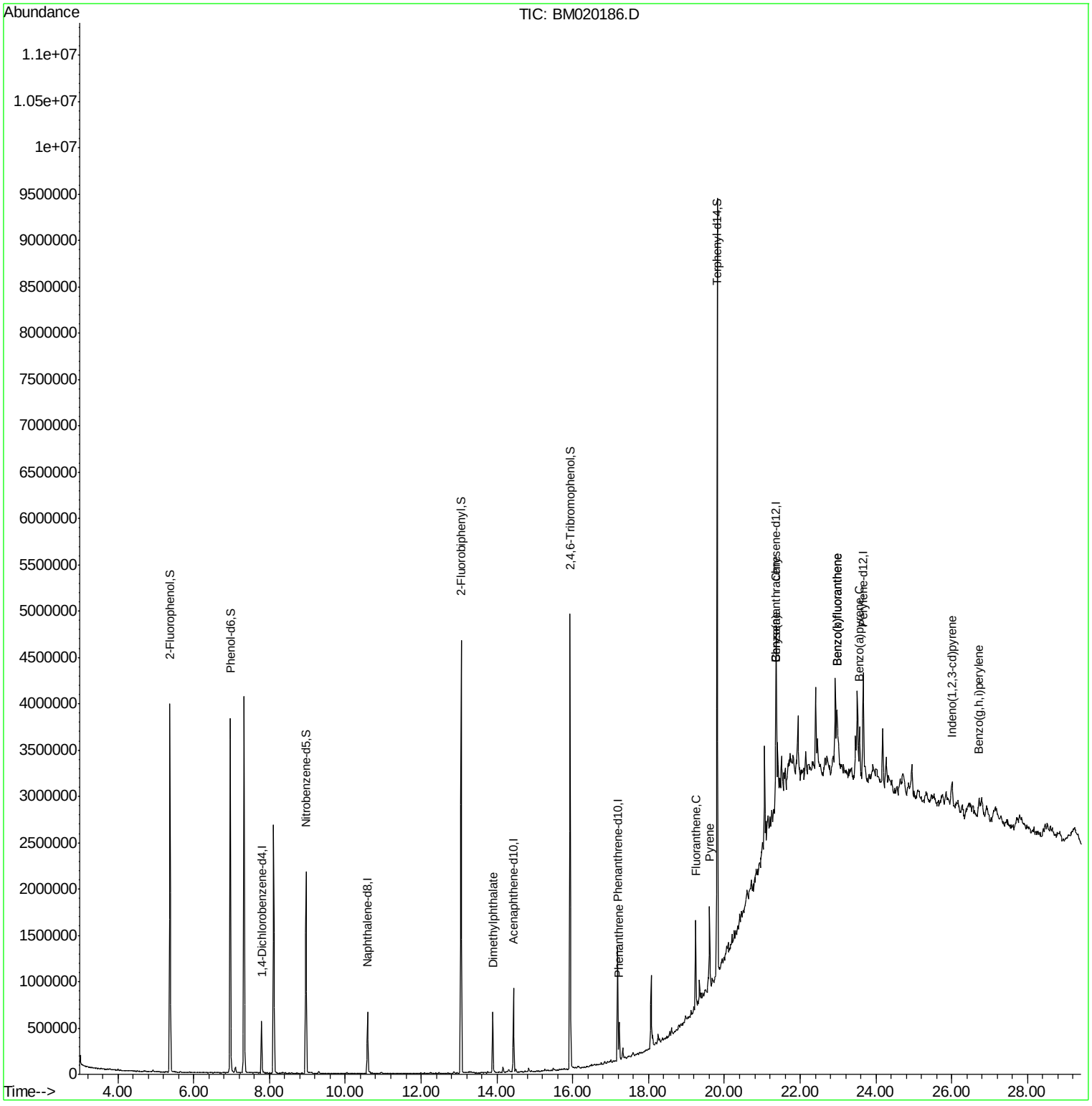
(#) = qualifier out of range (m) = manual integration (+) = signals summed

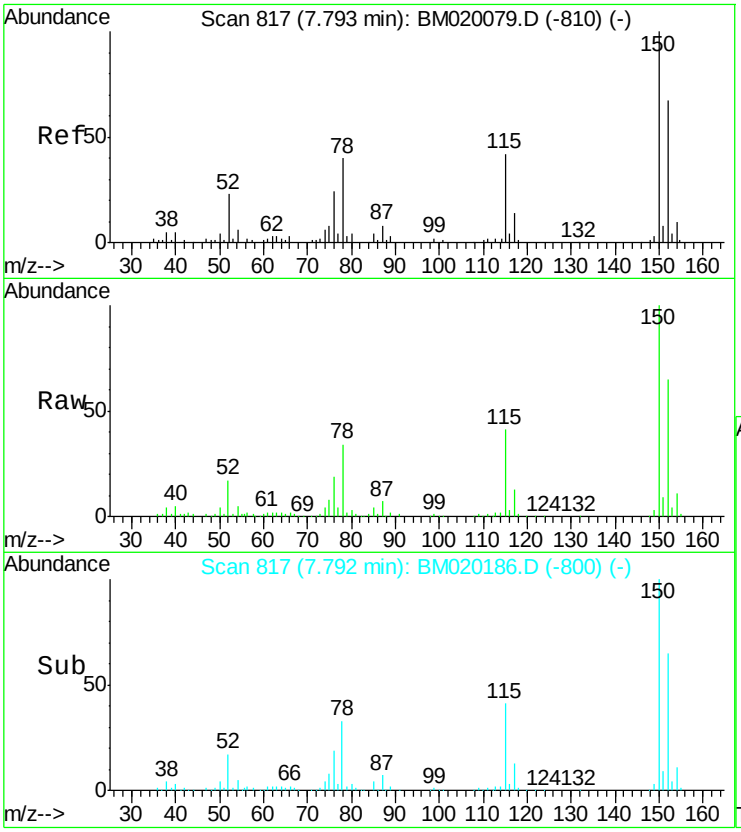
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020186.D
Acq On : 08 May 2019 04:00
Operator : JU/SJ
Sample : K2672-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 08 05:43:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration



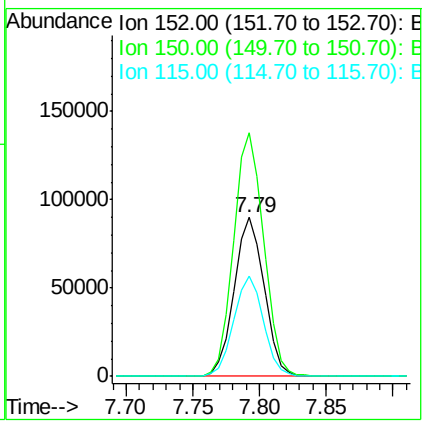


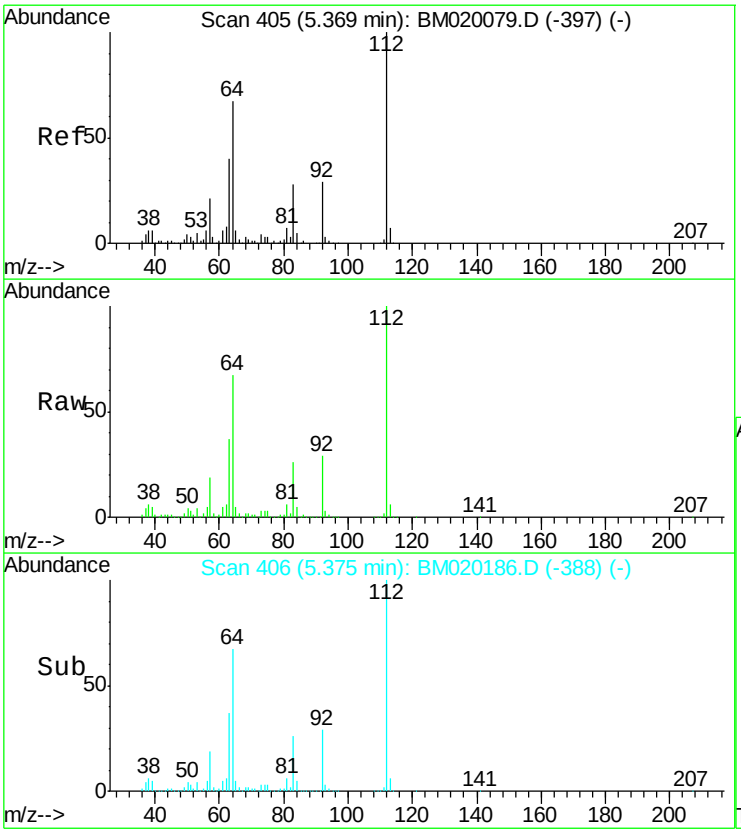
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 140423

Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.8	179.8
115	63.0	50.8	76.2

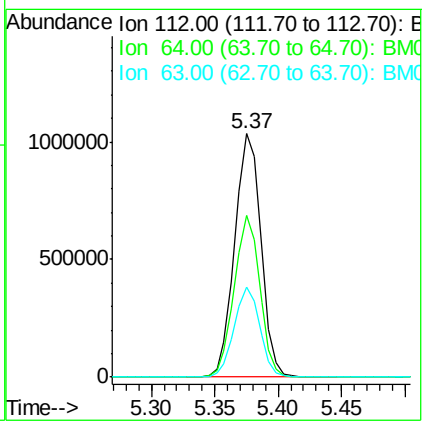


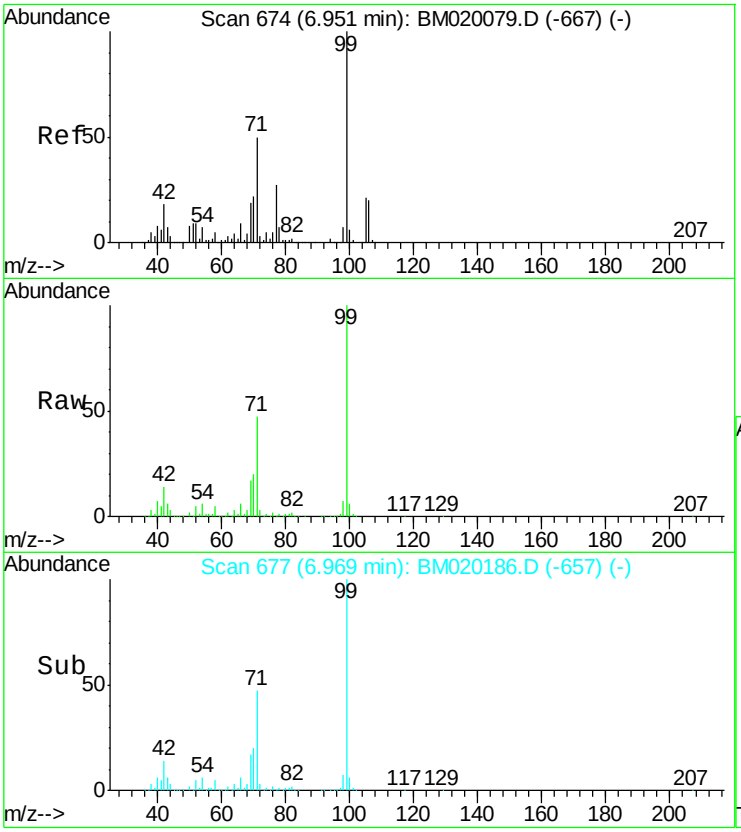


#5
2-Fluorophenol
Concen: 172.586 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:112 Resp: 1482638

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.8	80.6
63	36.7	32.3	48.5



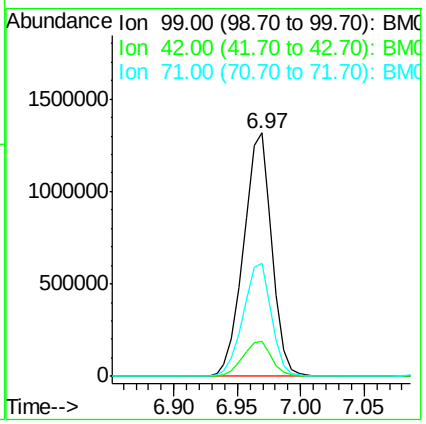


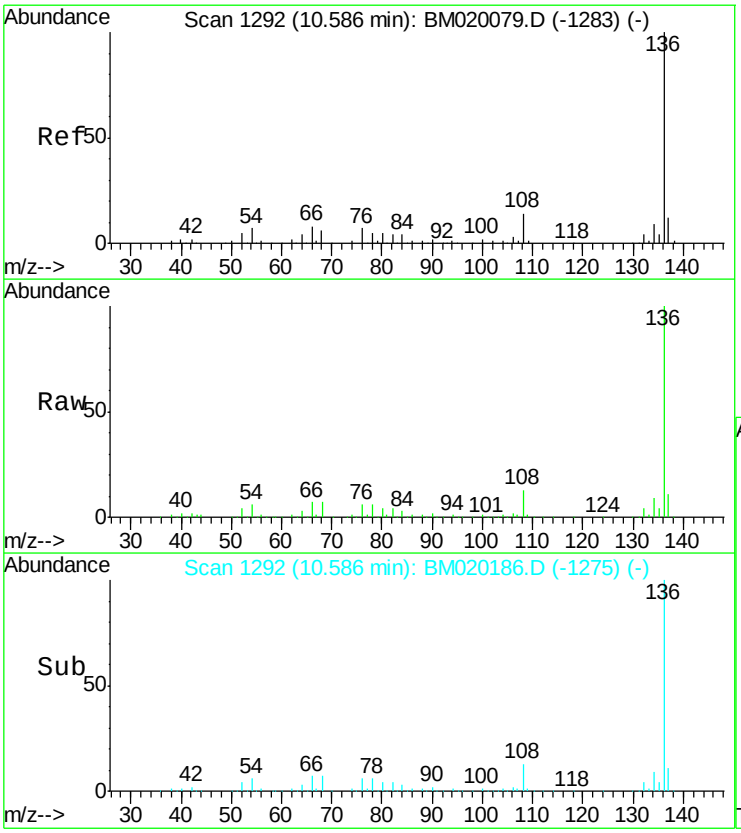
#7
Phenol-d6
Concen: 173.901 ng
RT: 6.97 min Scan# 677
Delta R.T. 0.02 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2040920

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.2
71	46.6	40.3	60.5

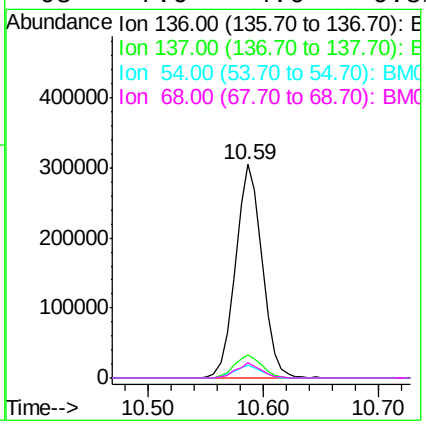


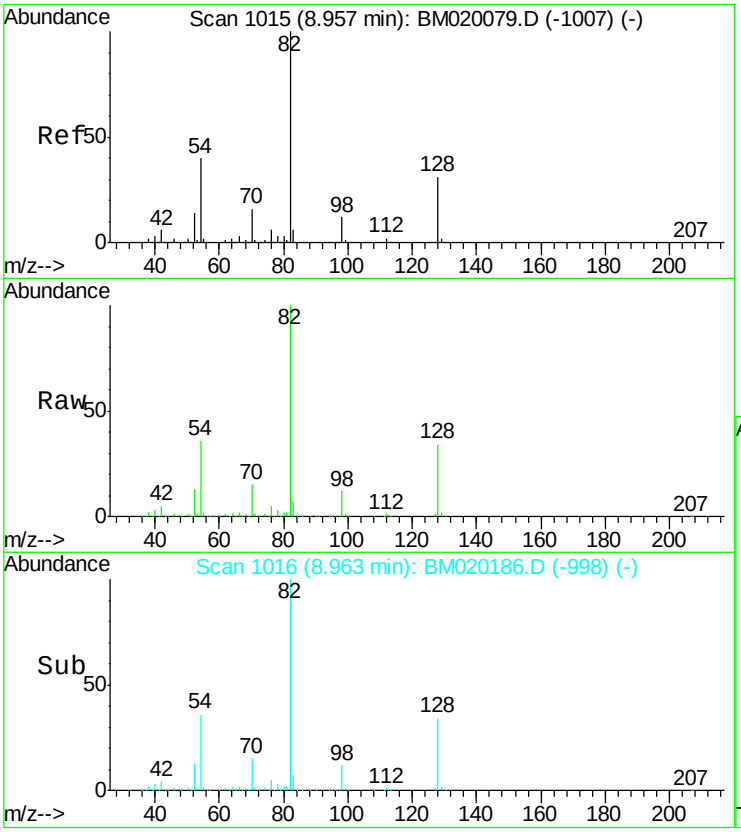


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:136 Resp: 485255

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	5.9	5.5	8.3
68	7.0	4.6	6.8#



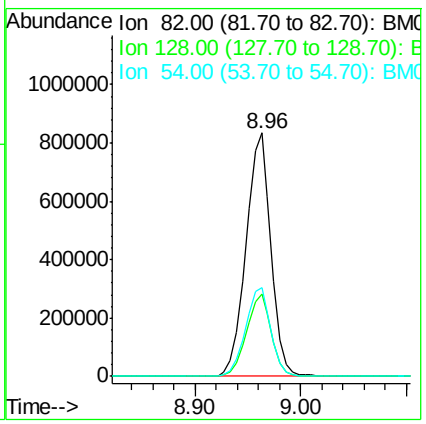


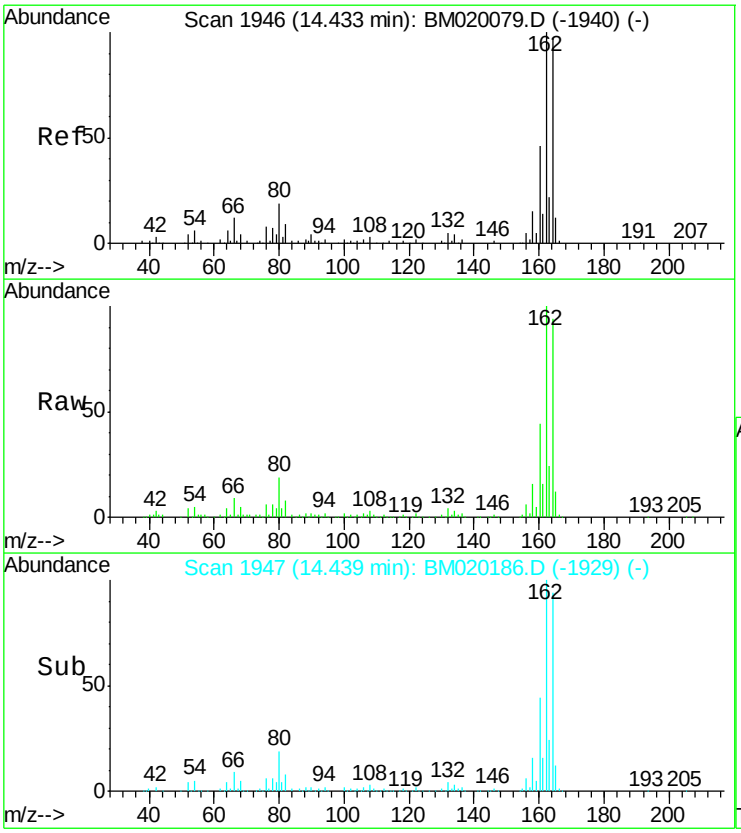
#23
Nitrobenzene-d5
Concen: 111.441 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1369738

Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.2	37.8
54	36.2	31.9	47.9

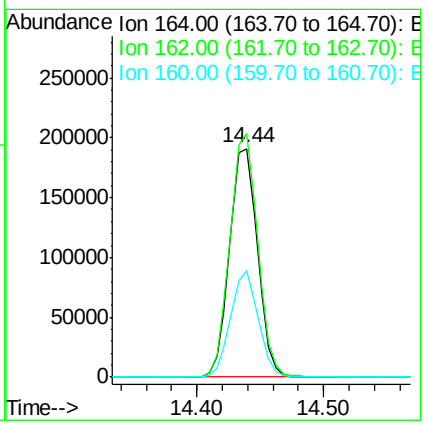


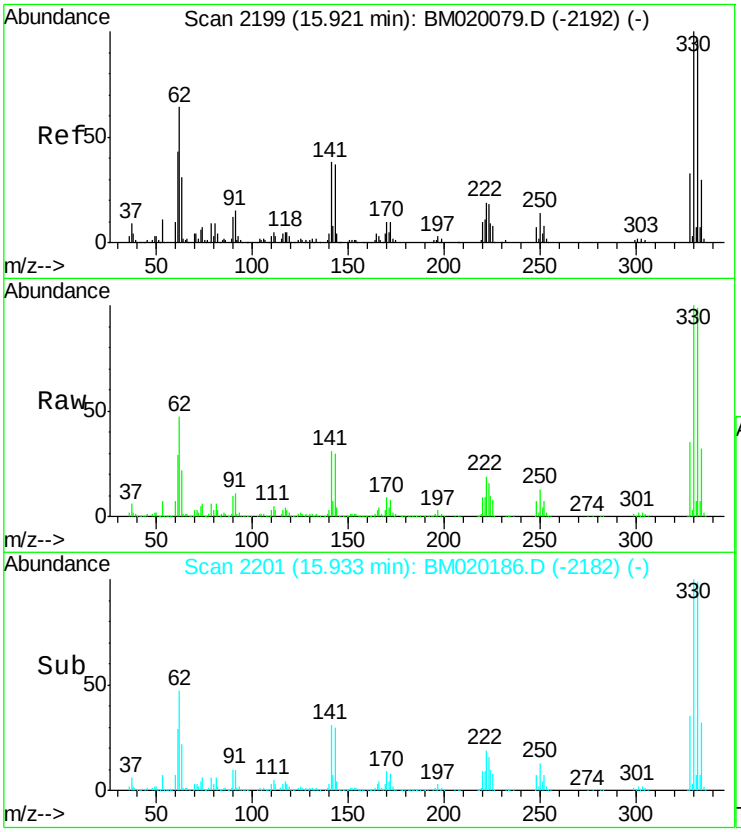


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:164 Resp: 290740

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.2
160	46.5	37.6	56.4



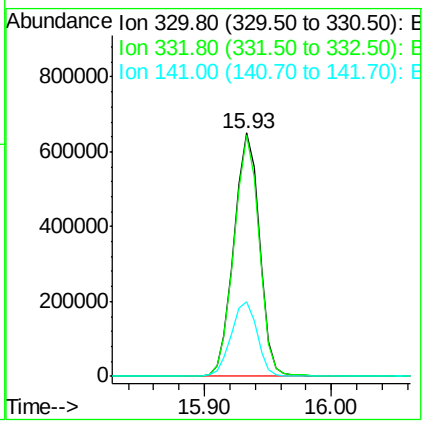


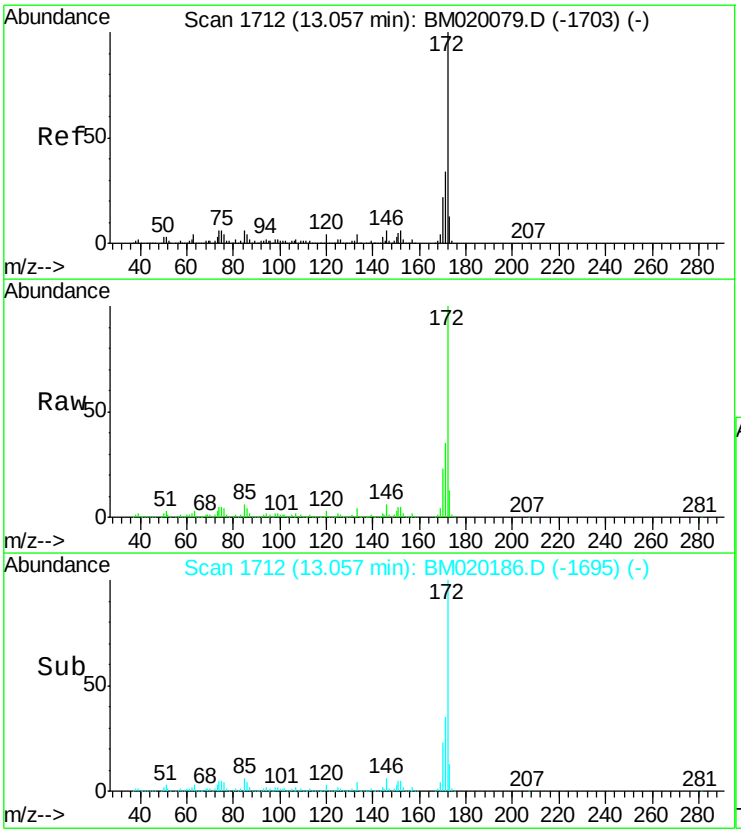
#42
2,4,6-Tribromophenol
Concen: 200.745 ng
RT: 15.93 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 905929

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	31.4	29.2	43.8

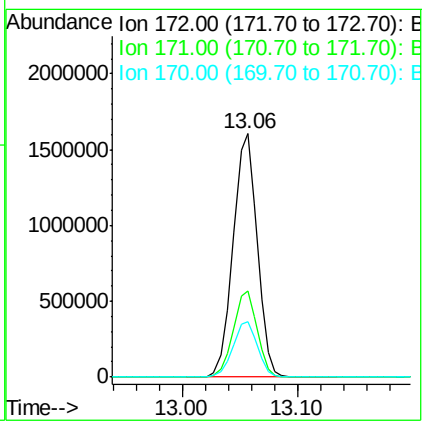


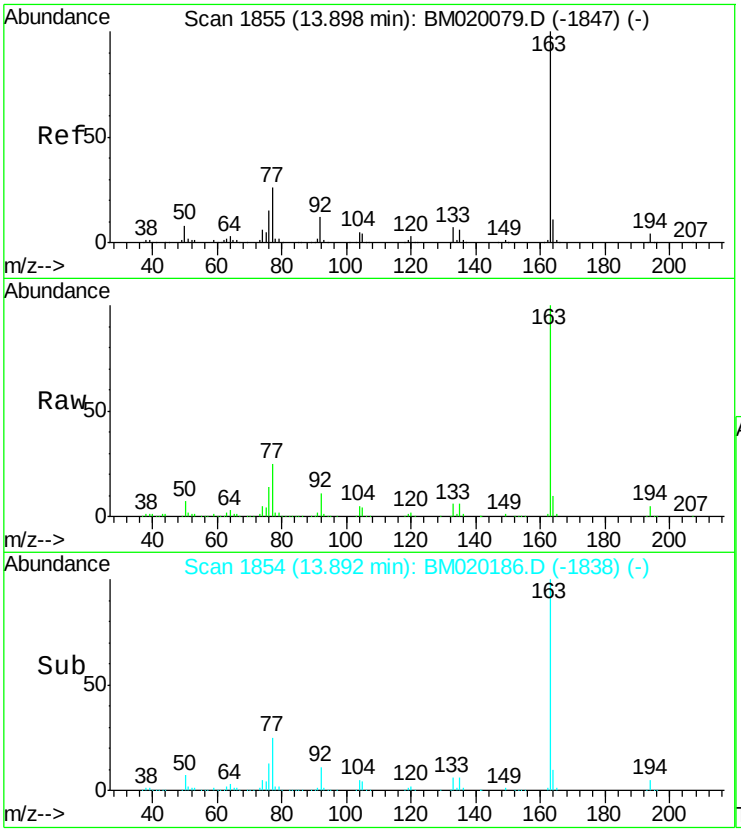


#45
2-Fluorobiphenyl
Concen: 98.205 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:172 Resp: 2320623

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.0	17.9	26.9



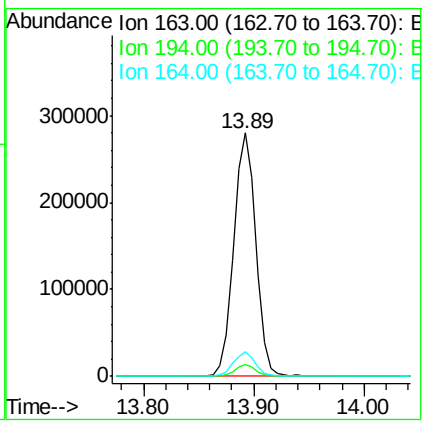


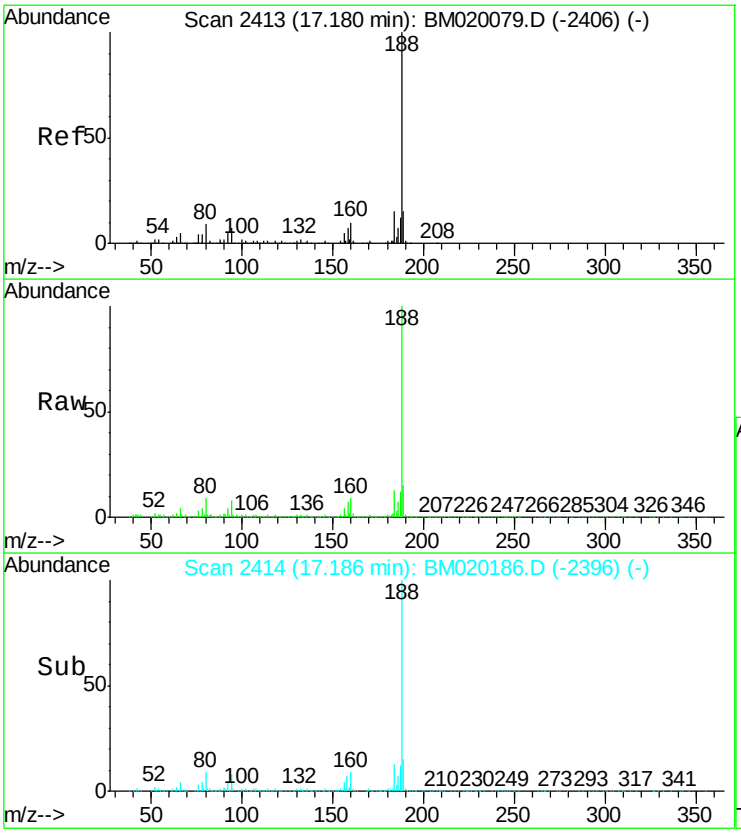
#50
Dimethylphthalate
Concen: 15.955 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 394248

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.0	8.4	12.6

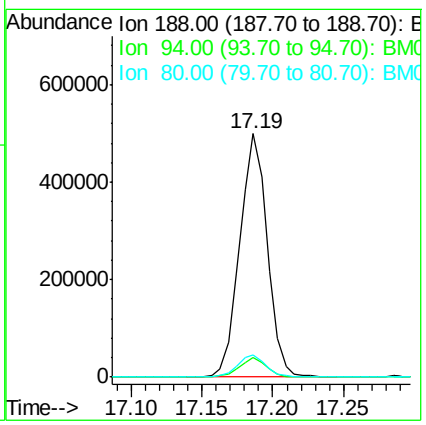


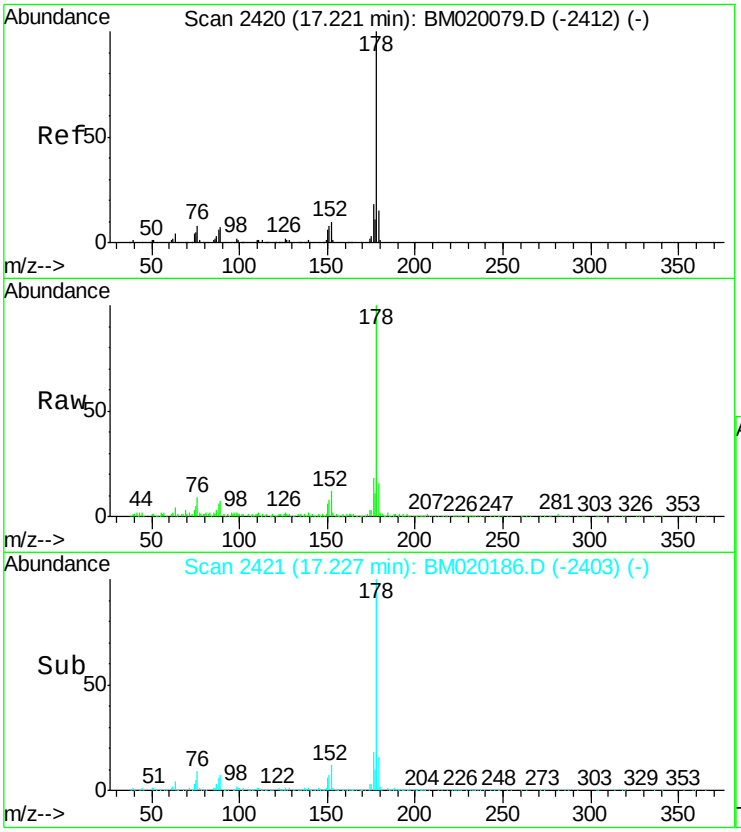


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:188 Resp: 680129

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	9.1	7.4	11.2



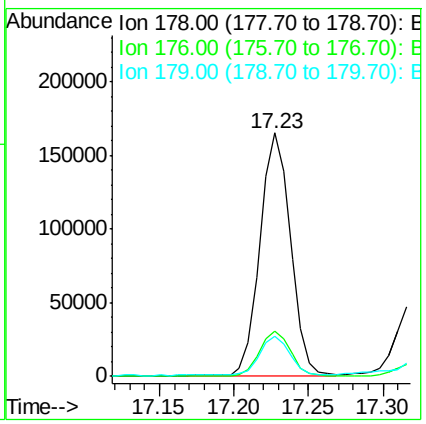


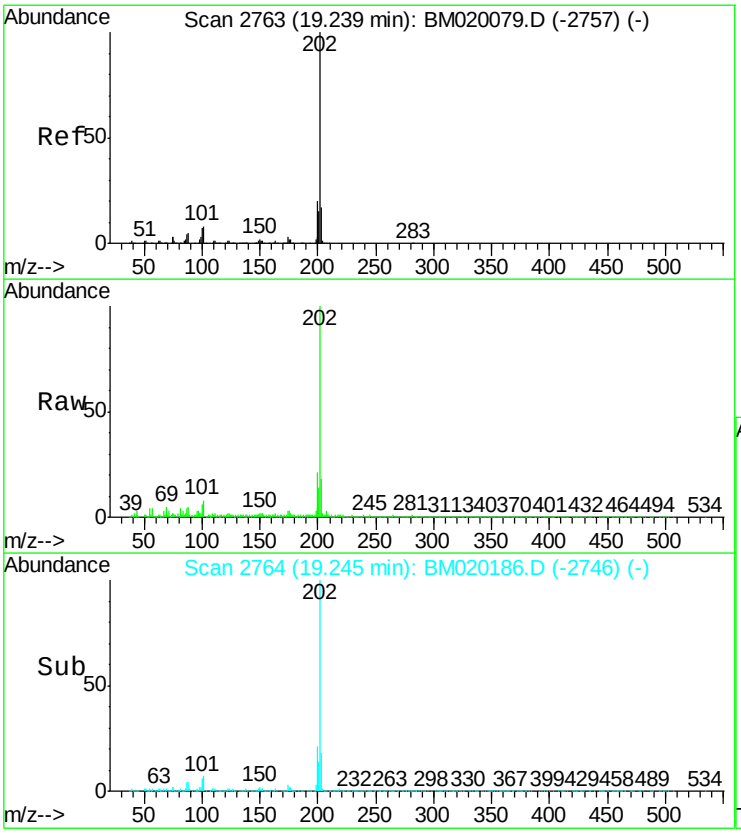
#71
Phenanthrene
Concen: 6.201 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 232804

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	16.3	12.4	18.6

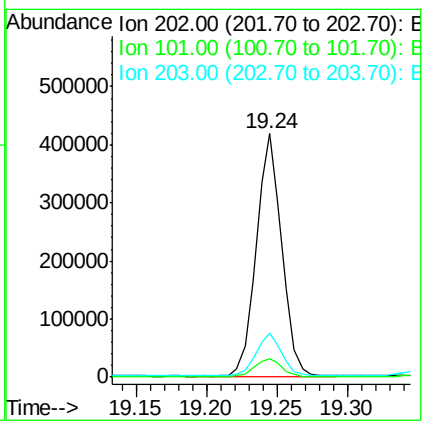


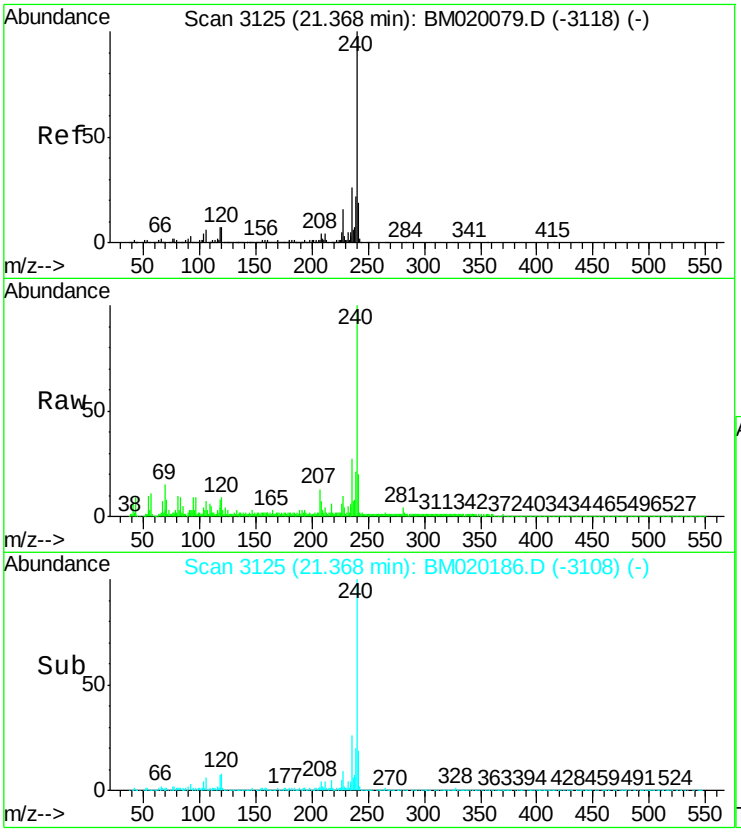


#75
Fluoranthene
Concen: 11.106 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:202 Resp: 527553

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.4
203	18.3	0.0	37.4



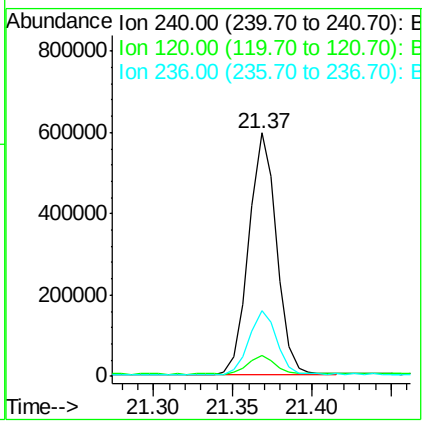


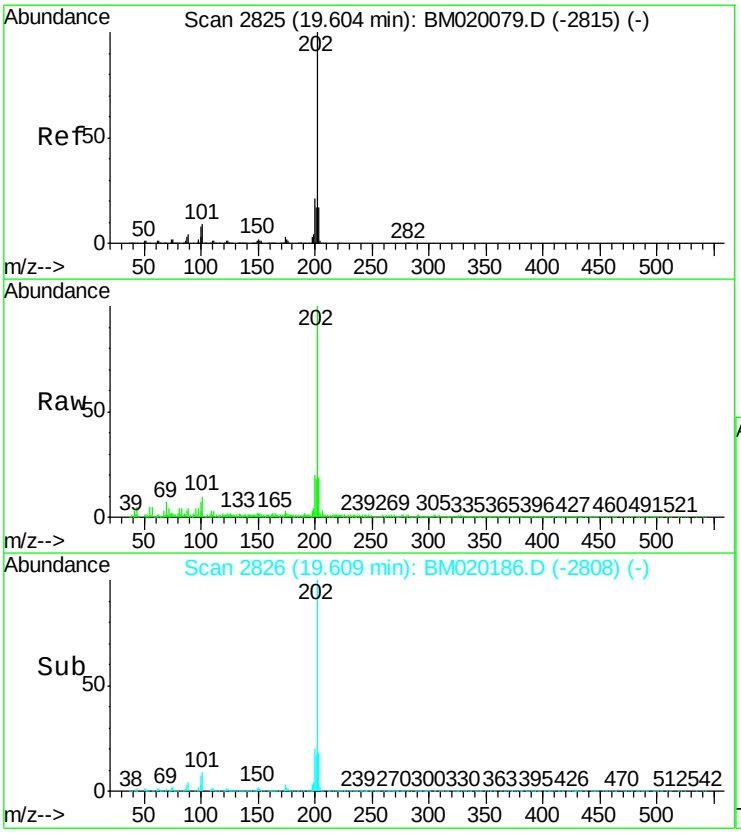
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 731646

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4#
236	26.8	20.9	31.3

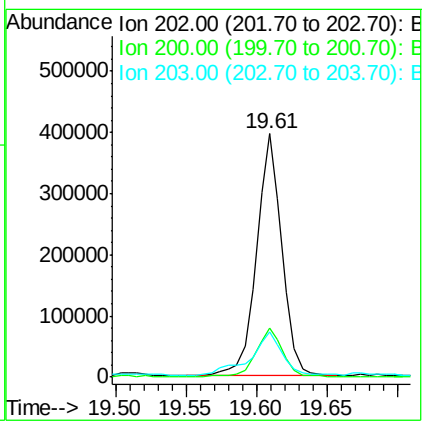


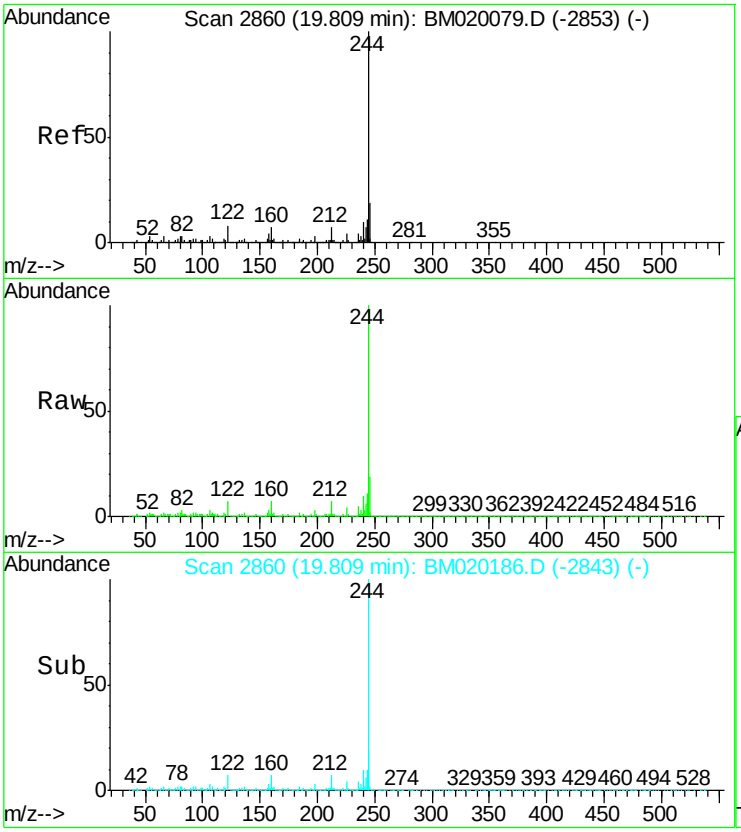


#78
Pyrene
Concen: 10.221 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:202 Resp: 502066

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	18.7	13.9	20.9



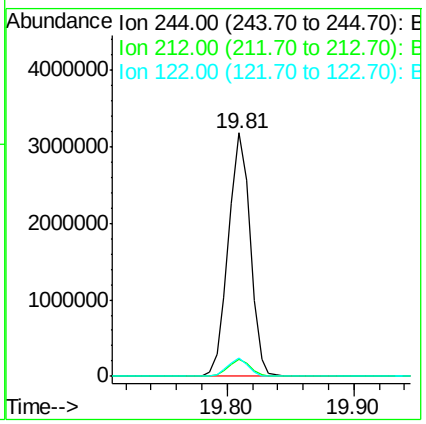


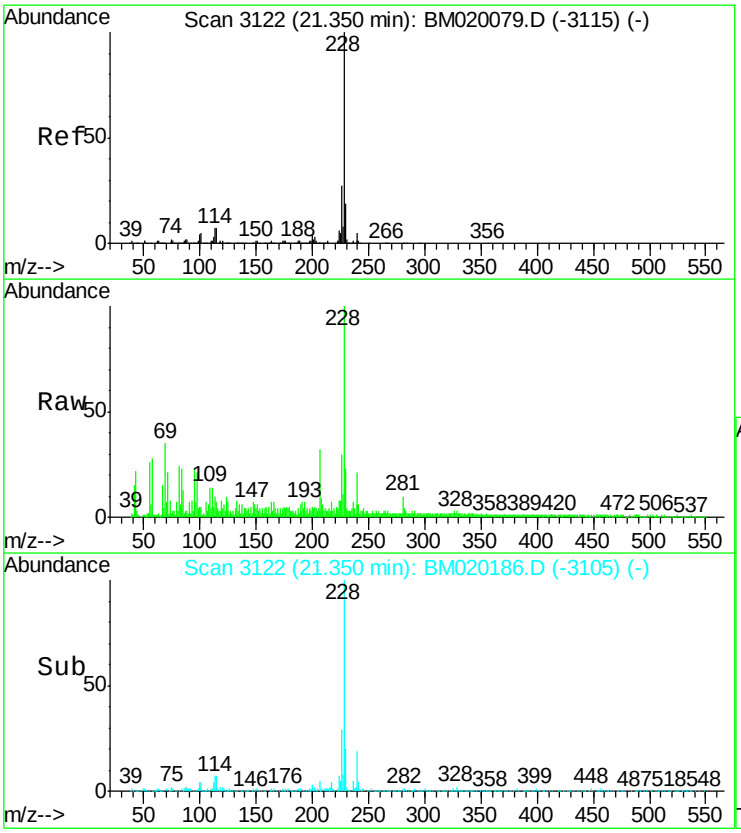
#79
Terphenyl-d14
Concen: 89.900 ng
RT: 19.81 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 3771016

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.5	6.2	9.2

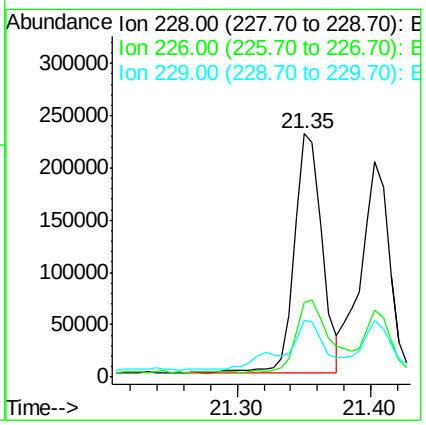


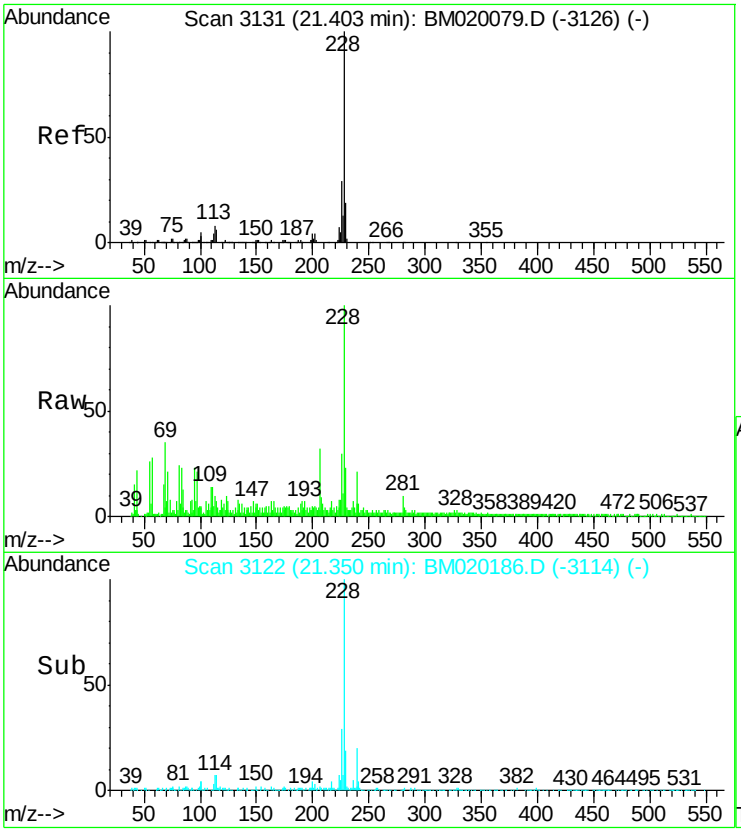


#81
Benzo(a)anthracene
Concen: 6.331 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:228 Resp: 324852

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.3	31.9
229	23.3	15.5	23.3



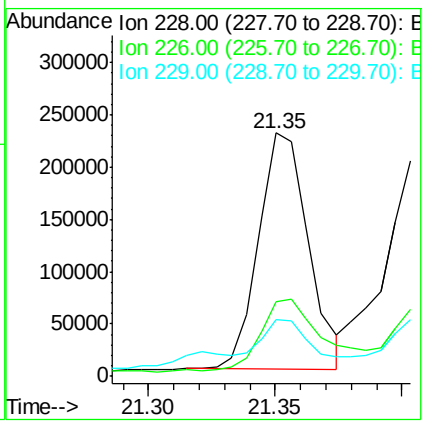


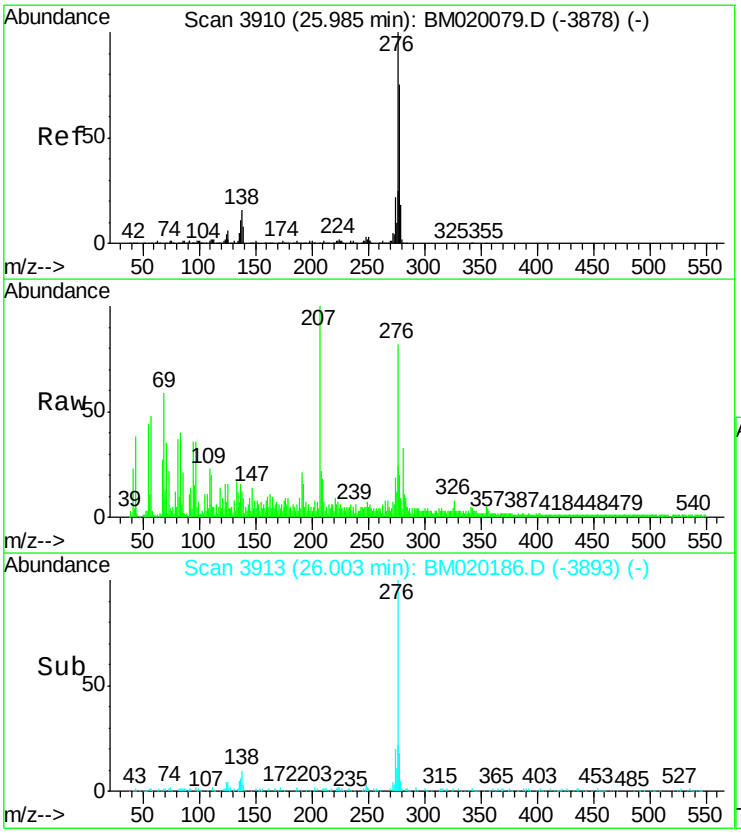
#83
Chrysene
Concen: 6.242 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.05 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 310618

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.6
229	23.3	15.5	23.3

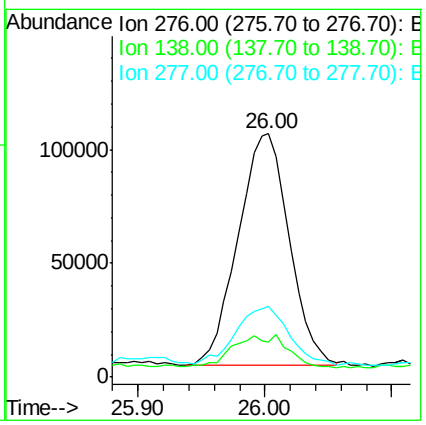


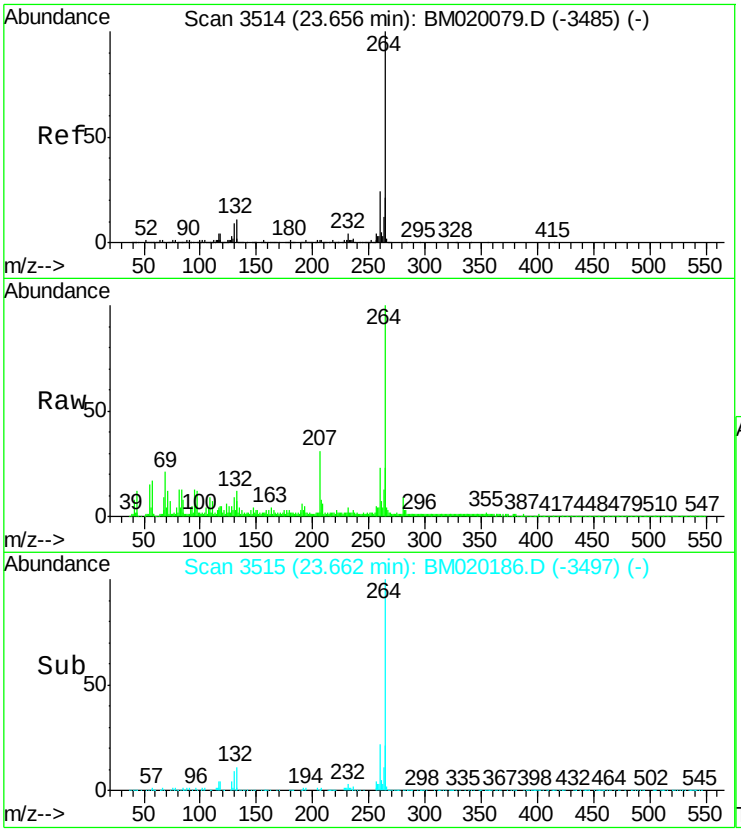


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.825 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:276 Resp: 285576

Ion	Ratio	Lower	Upper
276	100		
138	14.9	0.0	0.0#
277	26.5	0.0	0.0#



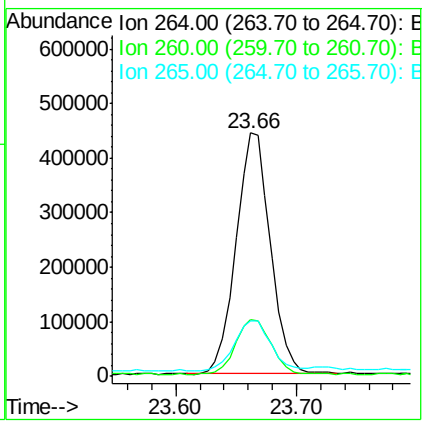


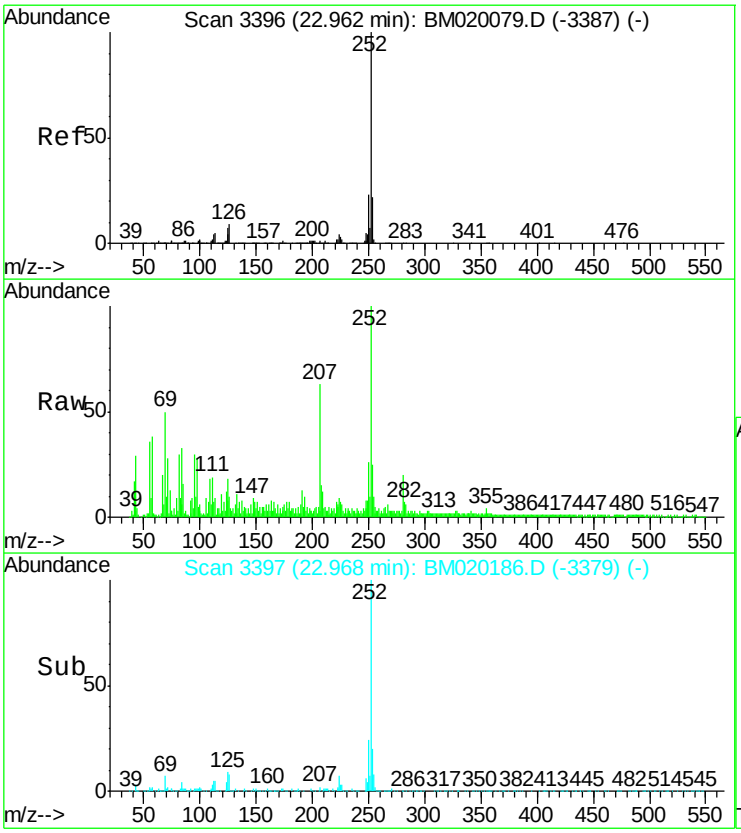
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 873623

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.9	16.9	25.3

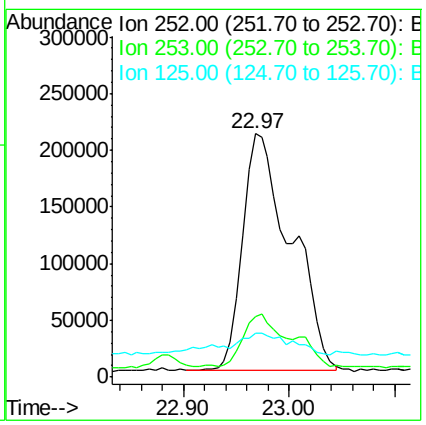


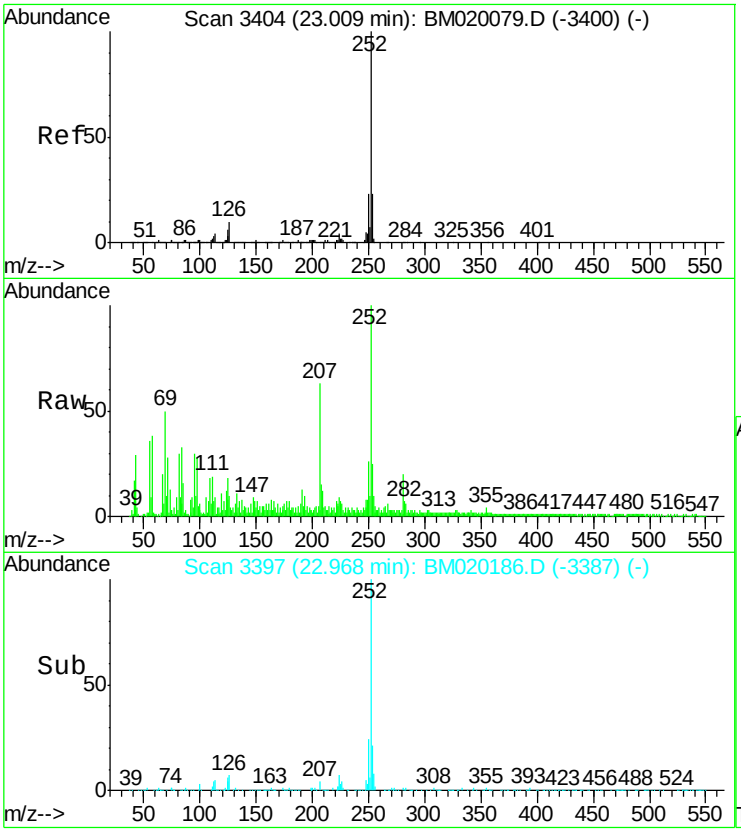


#88
Benzo(b)fluoranthene
Concen: 11.545 ng
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:252 Resp: 666019

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	17.9	5.4	8.2#



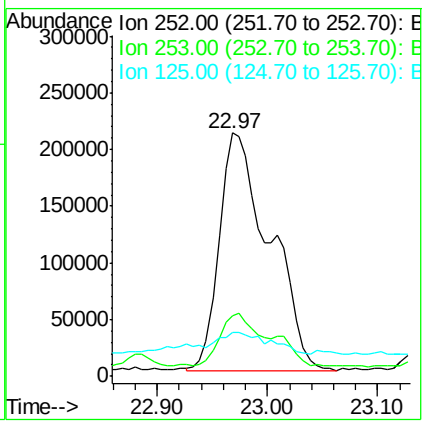


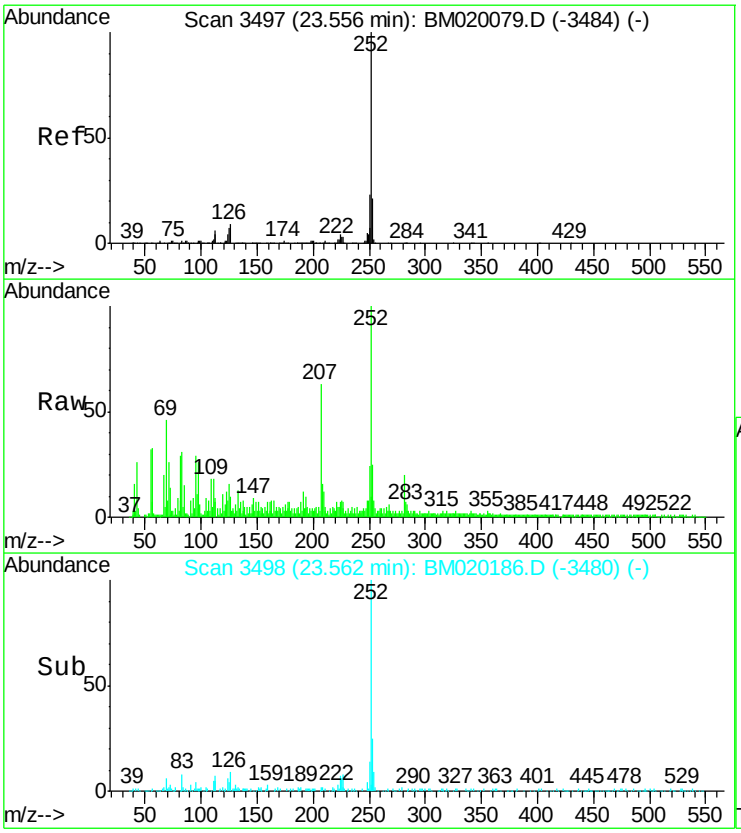
#89
Benzo(k)fluoranthene
Concen: 12.683 ng
RT: 22.97 min Scan# 3397
Delta R.T. -0.04 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 667436

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	17.9	5.4	8.0#

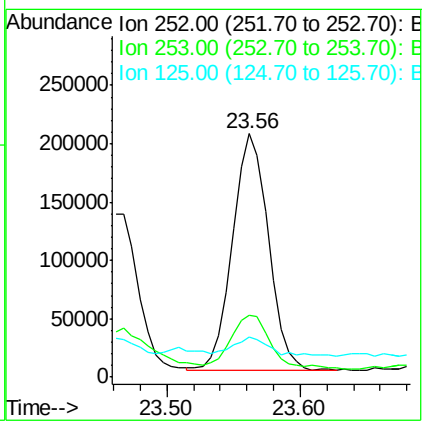


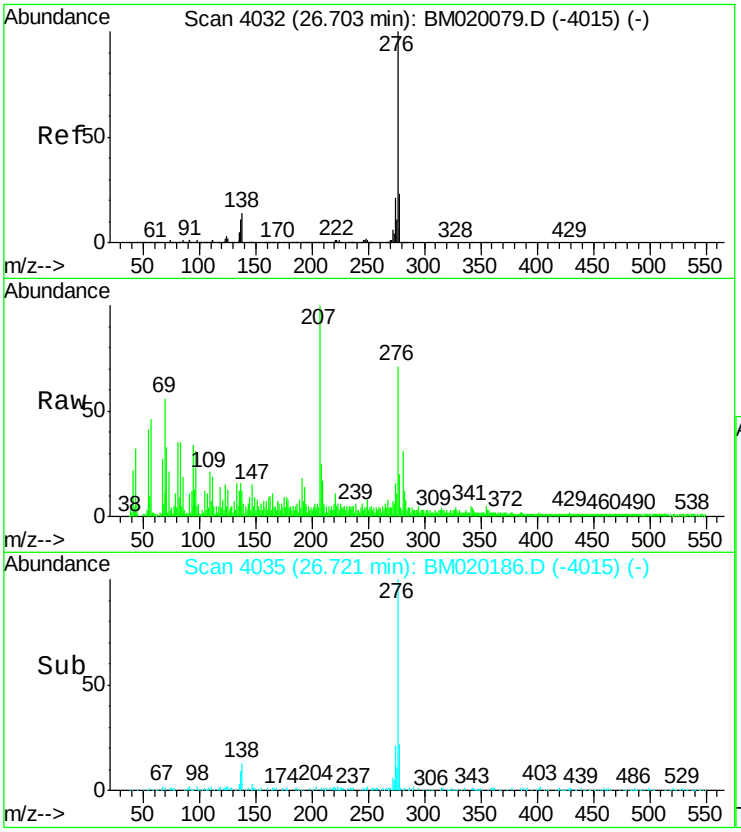


#90
Benzo(a)pyrene
Concen: 7.284 ng
RT: 23.56 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion:252 Resp: 381665

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	16.4	5.5	8.3#





#92
Benzo(g,h,i)perylene
Concen: 5.486 ng
RT: 26.72 min Scan# 4035
Delta R.T. 0.02 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 283841

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.4	27.6#
138	16.8	11.1	16.7#