Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020361.D
Acq On : 17 May 2019 12:46
Operator : JU/SJ
Sample : K2604-18DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ89DL

Quant Time: May 18 02:55:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	59853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	221973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	137569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	335281	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	353225	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	397632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.92	99	3115	0.65	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.09	67	1955	0.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	2965	0.85	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	609	0.18	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	690	0.48	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	686	0.43	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.16	165	425	0.13	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11438	1.16	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13412	1.08	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	10466	1.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	17789	1.24	ng/ul	0.00
78) Pyrene-d10	19.53	212	22059	1.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	23221	1.29	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.10	152	100029	8.568	ng/ul	98
69) Phenanthrene	17.18	178	43930	2.750	ng/ul	97
71) Anthracene	17.27	178	61161	3.764	ng/ul	96
76) Fluoranthene	19.20	202	511362	25.340	ng/ul	99
79) Pyrene	19.56	202	1016334	47.937	ng/ul	98
82) Benzo(a)anthracene	21.31	228	477757	22.472	ng/ul	94
84) Chrysene	21.37	228	496850	24.455	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	616106	27.148	ng/ul	97
88) Benzo(k)fluoranthene	22.92	252	616106	27.639	ng/ul	98
90) Benzo(a)pyrene	23.50	252	395625	18.524	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	236754	9.729	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	69436	3.337	ng/ul#	91
93) Benzo(g,h,i)perylene	26.61	276	242797	12.053	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
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Acq On : 17 May 2019 12:46
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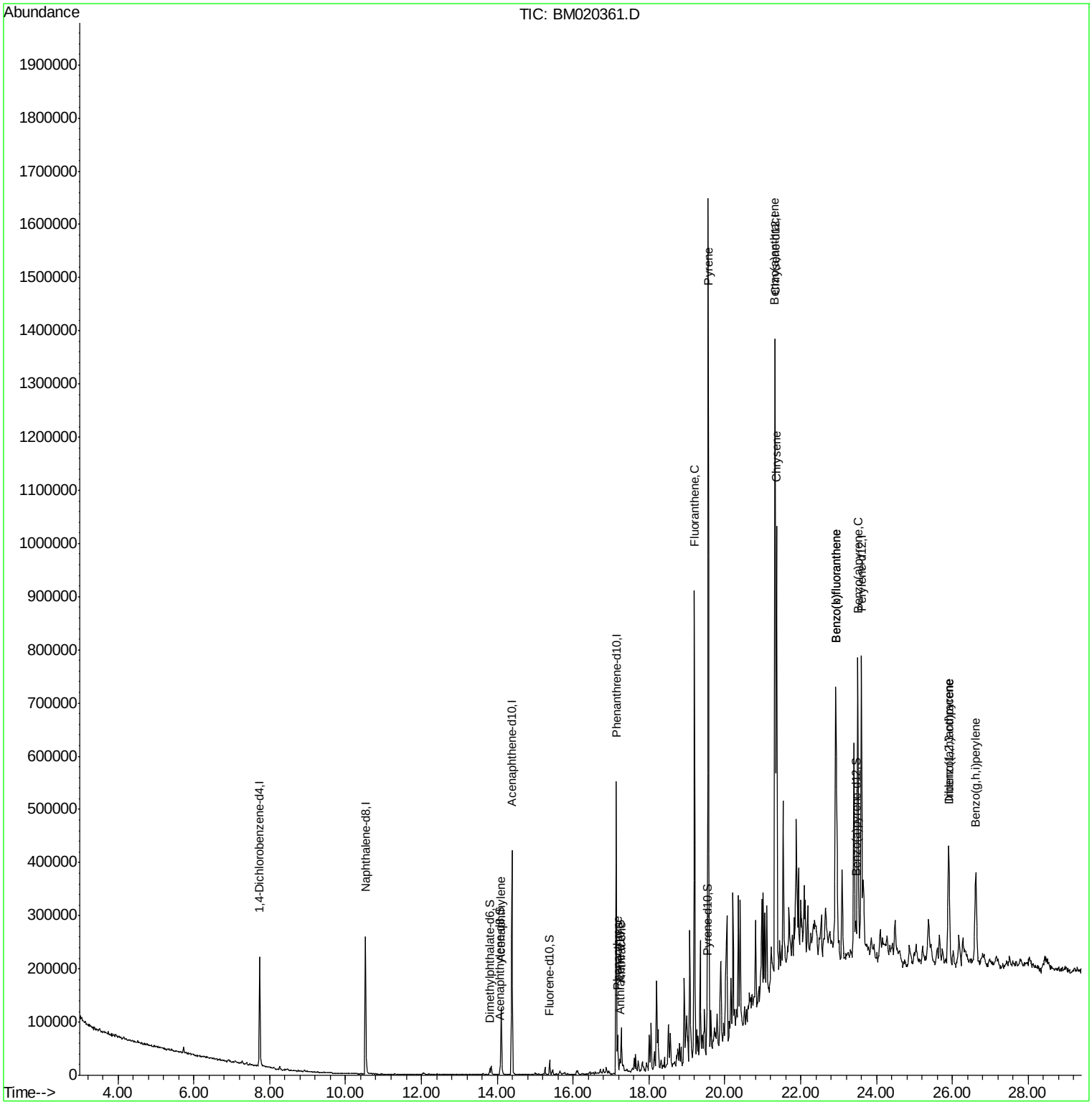
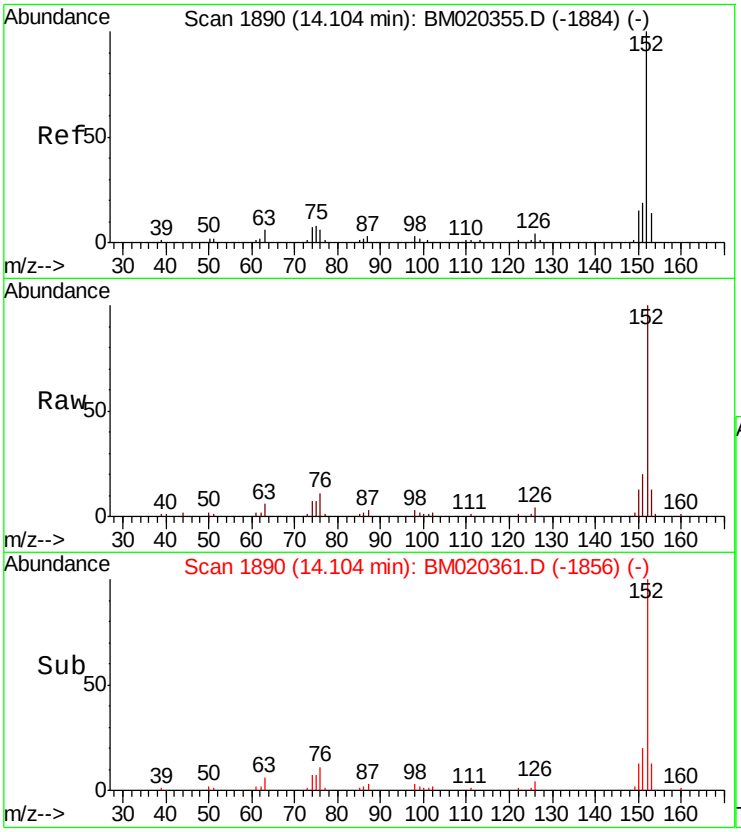
Sample : K2604-18DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Quant Time: May 18 02:55:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration



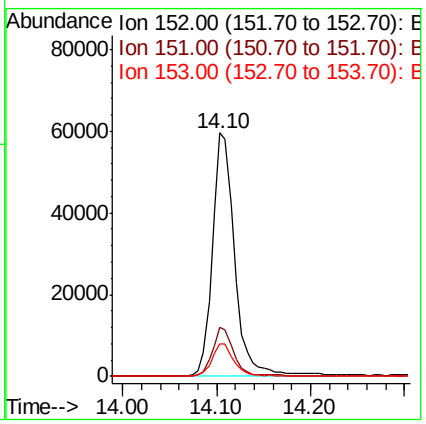


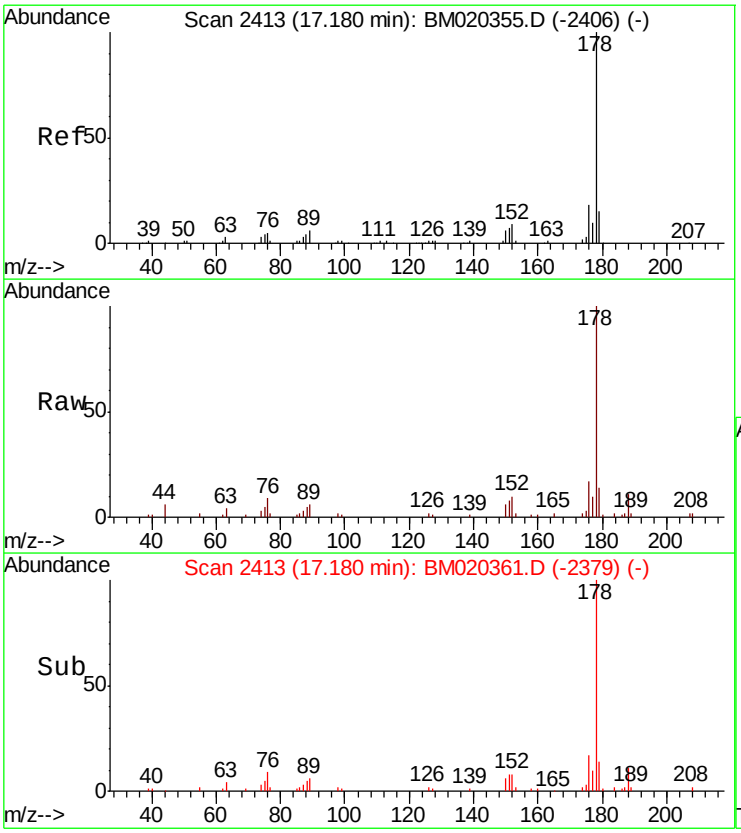
#47
Acenaphthylene
Concen: 8.568 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:152 Resp: 100029

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0
153	13.3	10.3	15.5

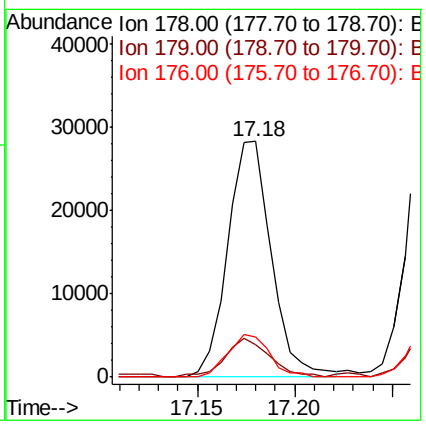


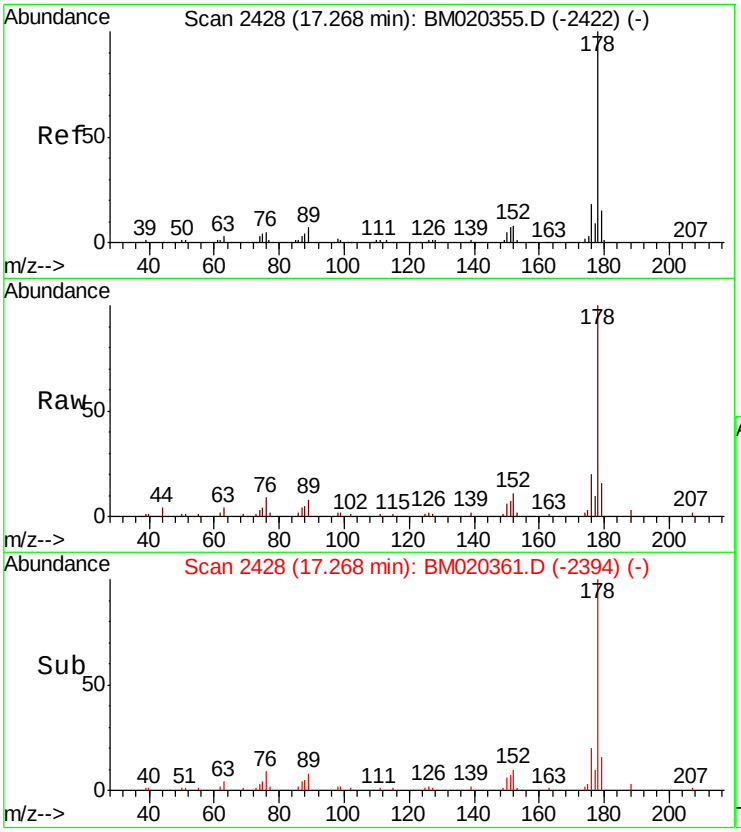


#69
Phenanthrene
Concen: 2.750 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:178 Resp: 43930

Ion	Ratio	Lower	Upper
178	100		
179	13.6	11.9	17.9
176	17.2	14.6	22.0



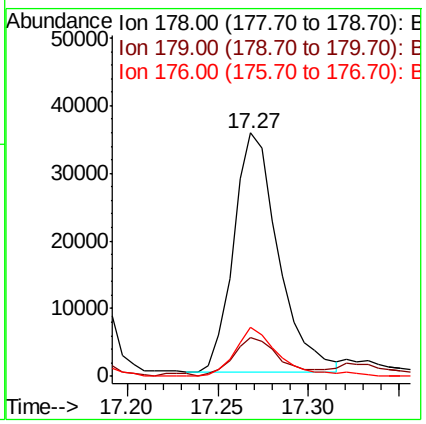


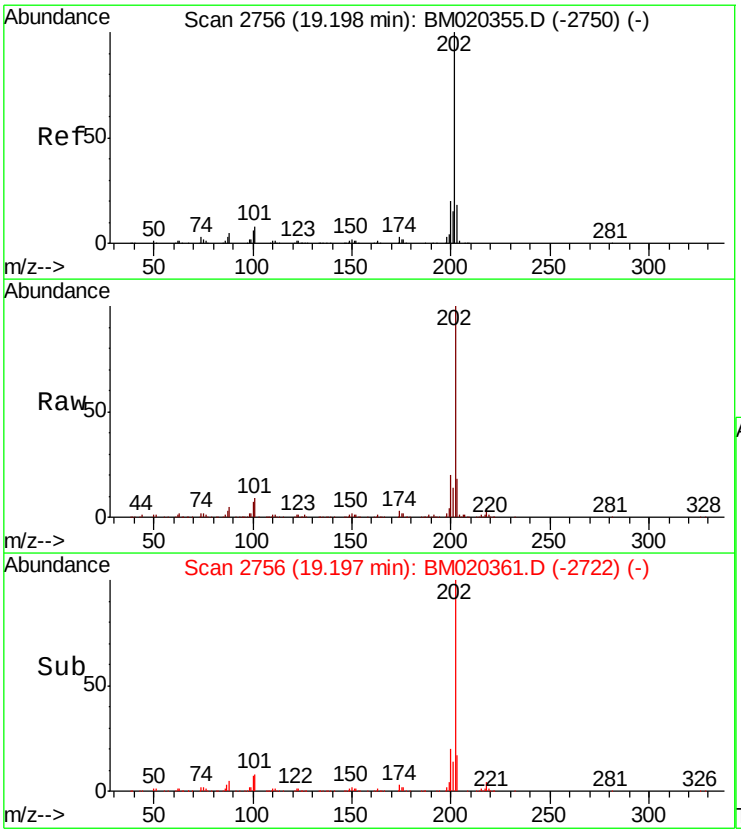
#71
Anthracene
Concen: 3.764 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:178 Resp: 61161

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	20.4	14.4	21.6

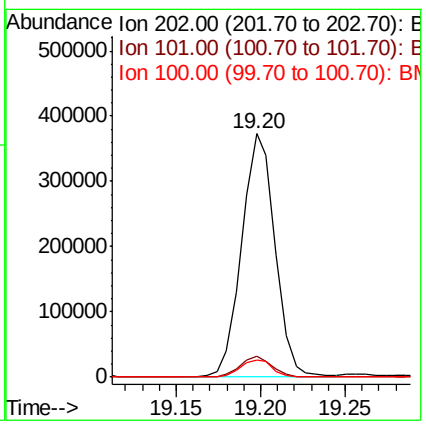


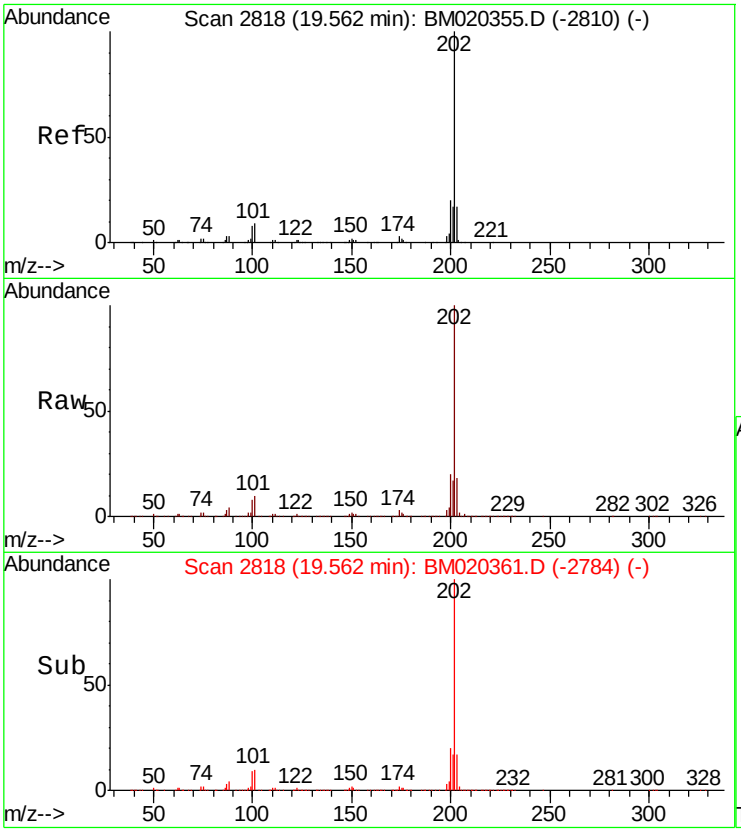


#76
Fluoranthene
Concen: 25.340 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:202 Resp: 511362

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.4	9.6
100	6.8	5.2	7.8



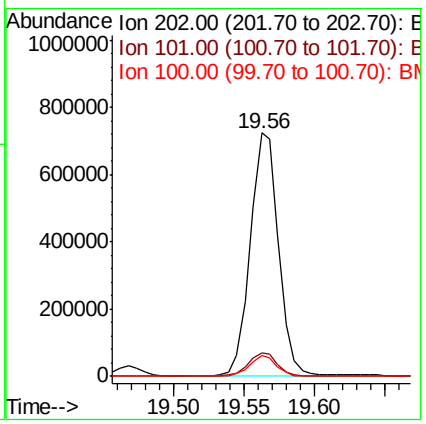


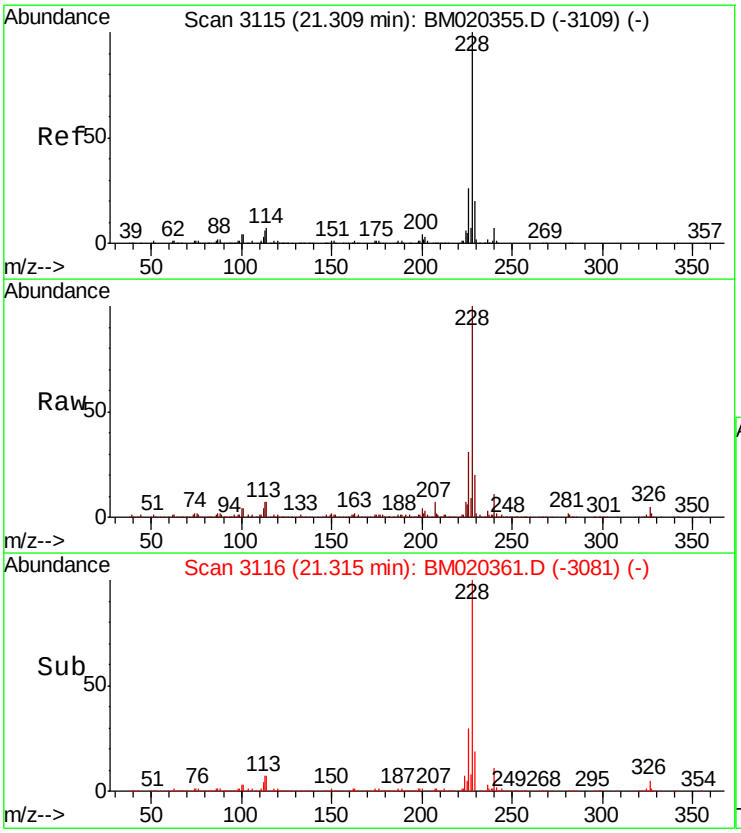
#79
Pyrene
Concen: 47.937 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:202 Resp: 1016334

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
100	8.4	5.9	8.9

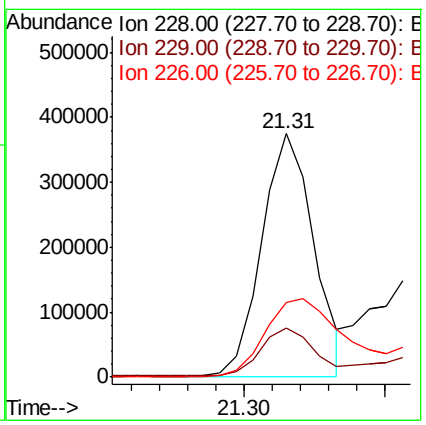


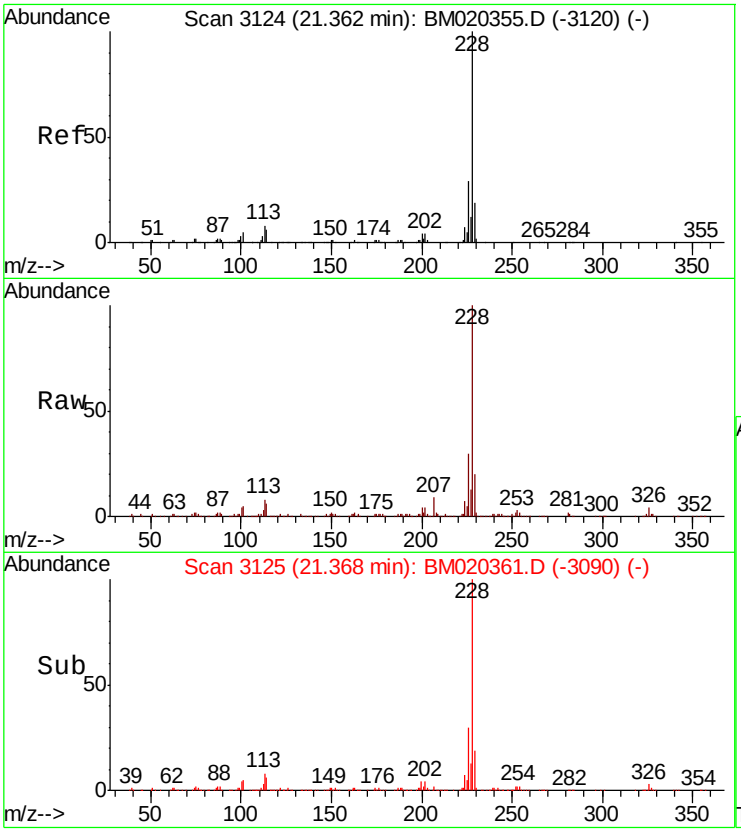


#82
Benzo(a)anthracene
Concen: 22.472 ng/ul
RT: 21.31 min Scan# 3116
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:228 Resp: 477757

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	30.8	20.6	30.8



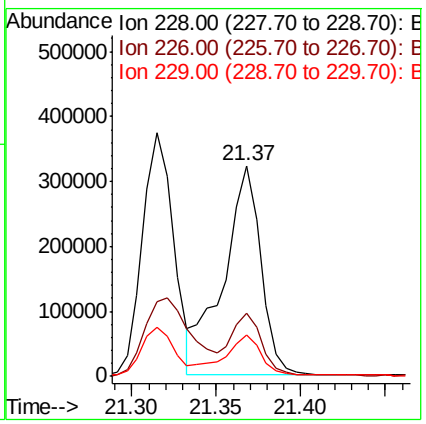


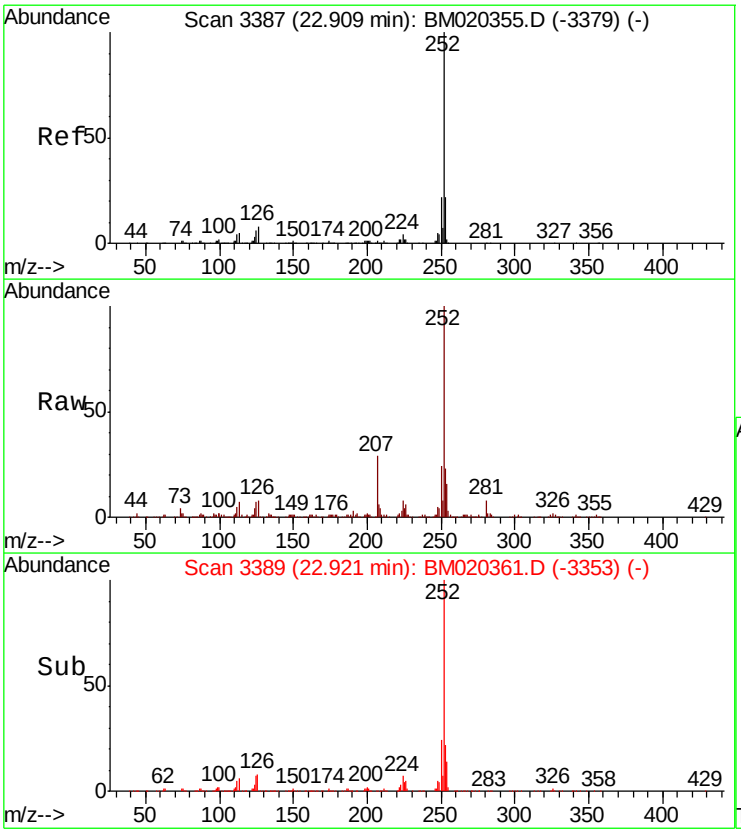
#84
Chrysene
Concen: 24.455 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:228 Resp: 496850

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	19.9	15.4	23.2

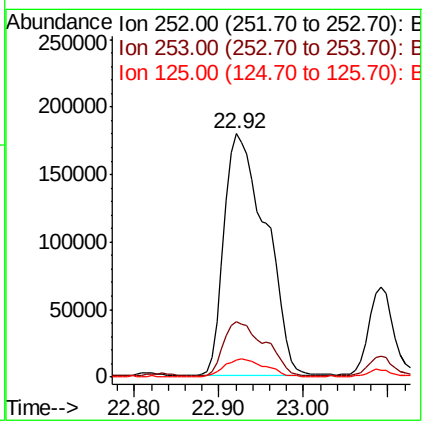


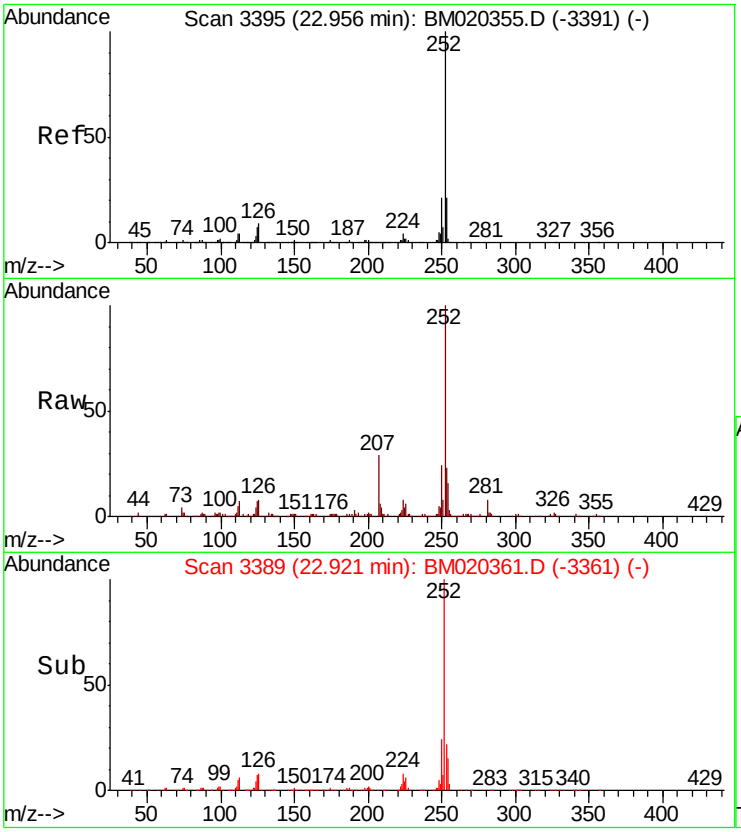


#87
Benzo(b)fluoranthene
Concen: 27.148 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:252 Resp: 616106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	6.9	5.0	7.4



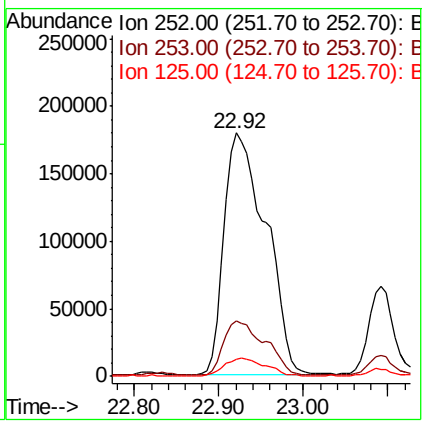


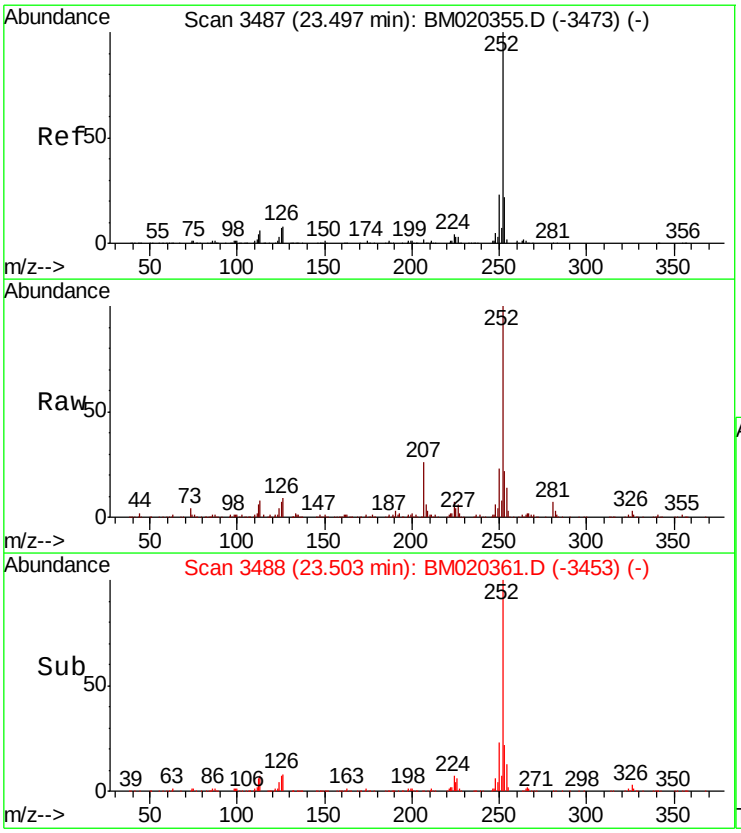
#88
Benzo(k)fluoranthene
Concen: 27.639 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.04 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:252 Resp: 616106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	6.9	5.0	7.6

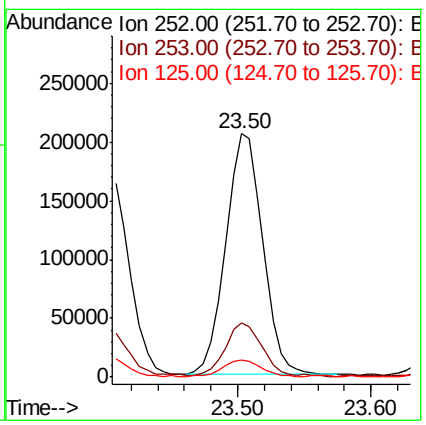


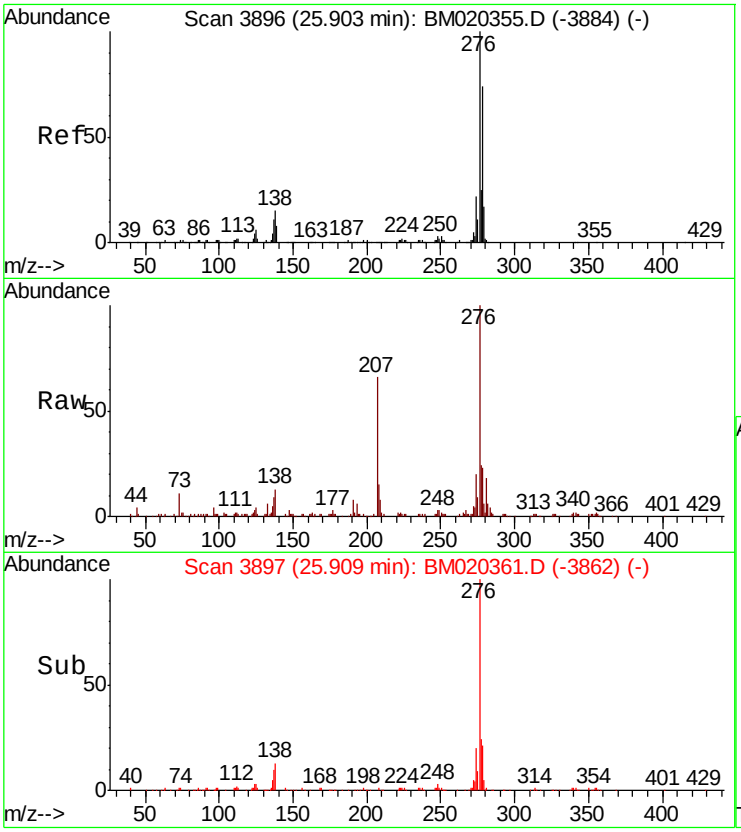


#90
Benzo(a)pyrene
Concen: 18.524 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:252 Resp: 395625

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	7.0	5.4	8.2



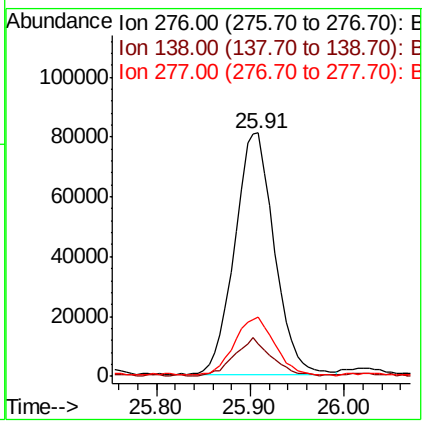


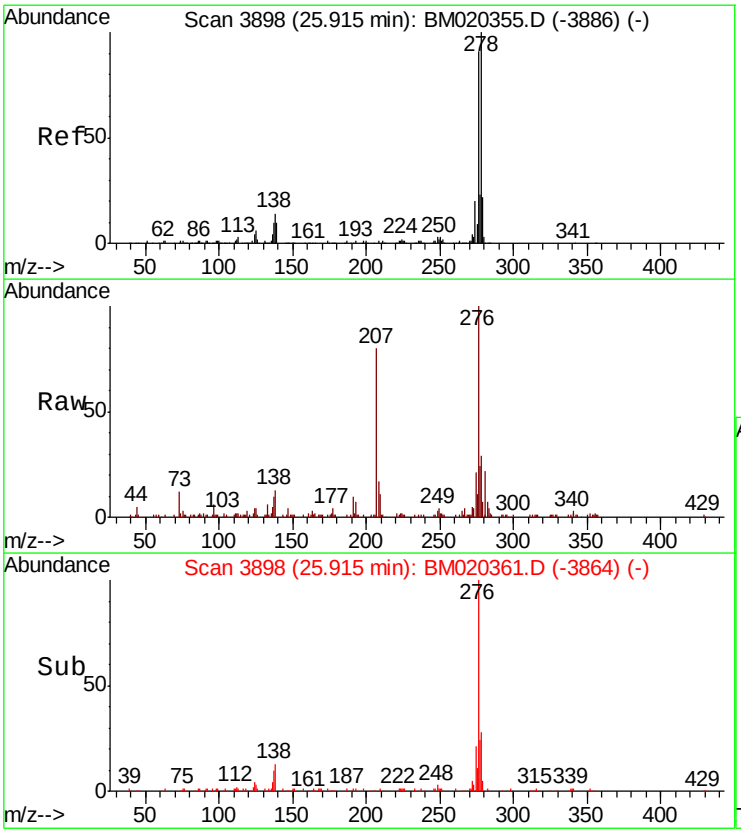
#91
Indeno(1,2,3-cd)pyrene
Concen: 9.729 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:276 Resp: 236754

Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.3	18.5
277	24.2	20.0	30.0

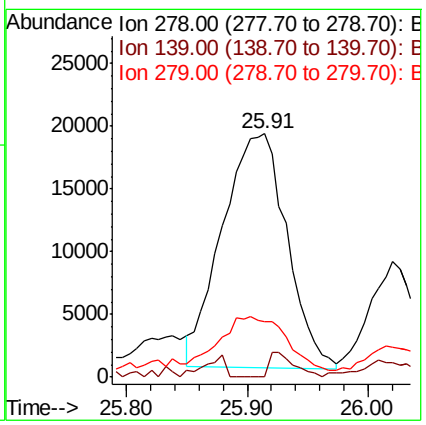


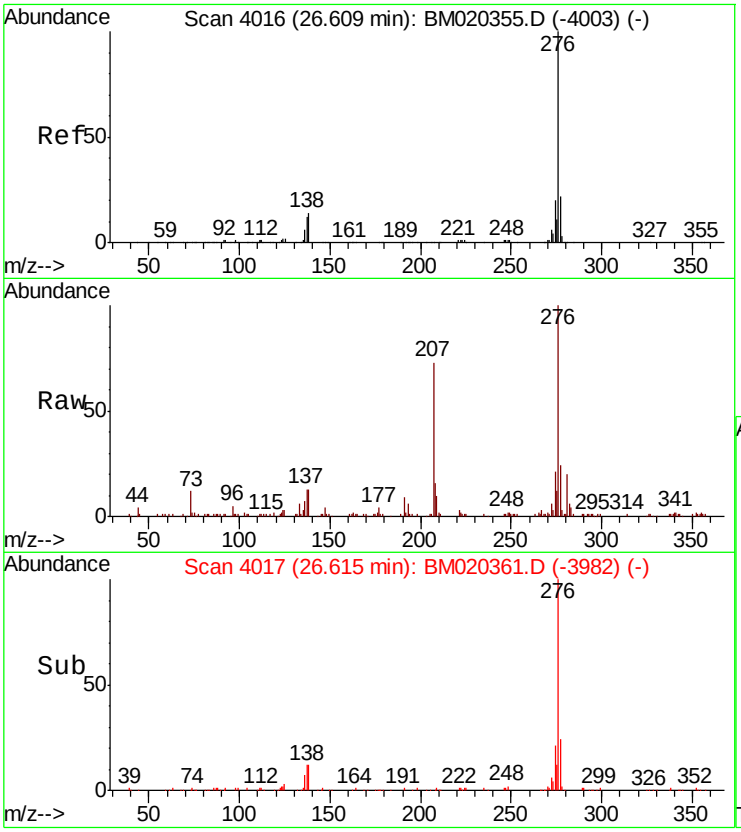


#92
Dibenzo(a,h)anthracene
Concen: 3.337 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. -0.00 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Tgt Ion:278 Resp: 69436

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.1	12.1#
279	22.8	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 12.053 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BM020361.D
Acq: 17 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

Tgt Ion:276 Resp: 242797

Ion	Ratio	Lower	Upper
276	100		
138	12.6	10.0	15.0
277	24.4	18.2	27.4