Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020418.D
Acq On : 19 May 2019 02:54
Operator : JU/SJ
Sample : K2633-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJB1

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Quant Time: May 20 10:16:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	134298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	505078	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.39	164	280014	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.16	188	515422	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	488815	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	586443	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10078	2.77	ng/uL	0.00
5) Phenol-d5	6.90	99	182317	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	124864	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	143705	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	68881	8.83	ng/ul	0.01
19) Nitrobenzene-d5	8.91	128	73333	22.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	80650	22.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	143638	18.74	ng/ul	0.02
29) 4-Chloroaniline-d4	10.69	131	99938	12.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	458153	22.74	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	546914	21.70	ng/ul	0.02
51) 4-Nitrophenol-d4	14.62	143	27533	9.41	ng/ul	0.02
57) Fluorene-d10	15.39	176	365904	20.42	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	12295m	4.19	ng/ul	0.04
70) Anthracene-d10	17.26	188	501234	22.67	ng/ul	0.02
78) Pyrene-d10	19.55	212	530489	22.53	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	590562	22.16	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	6.93	94	38423	3.409	ng/ul#	88
28) Naphthalene	10.61	128	34770406m	1498.368	ng/ul	
34) 2-Methylnaphthalene	12.23	142	12070173	718.388	ng/ul	96
40) 1,1'-Biphenyl	13.23	154	2064595	102.992	ng/ul	100
44) Dimethylphthalate	13.85	163	173139	8.687	ng/ul	98
47) Acenaphthylene	14.13	152	3834498	161.360	ng/ul	97
49) Acenaphthene	14.46	153	579490	35.471	ng/ul	97
53) Dibenzofuran	14.80	168	600260	24.263	ng/ul	97
58) Fluorene	15.46	166	4040284	203.863	ng/ul	99
69) Phenanthrene	17.22	178	17723276m	721.674	ng/ul	
71) Anthracene	17.30	178	4211453	168.584	ng/ul	100
74) Carbazole	17.56	167	128813	6.075	ng/ul	93
76) Fluoranthene	19.22	202	7068504	227.852	ng/ul	98
79) Pyrene	19.59	202	10121894m	344.990	ng/ul	
82) Benzo(a)anthracene	21.33	228	3740667m	127.144	ng/ul	
84) Chrysene	21.39	228	3109458	110.594	ng/ul	96
87) Benzo(b)fluoranthene	22.94	252	2443518	73.006	ng/ul	98
88) Benzo(k)fluoranthene	22.98	252	839259m	25.529	ng/ul	
90) Benzo(a)pyrene	23.53	252	3005988	95.434	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	1205062	33.576	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.95	278	347914	11.336	ng/ul#	94
93) Benzo(g,h,i)perylene	26.67	276	1030873	34.698	ng/ul	98

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Misc :
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Quant Time: May 20 10:16:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

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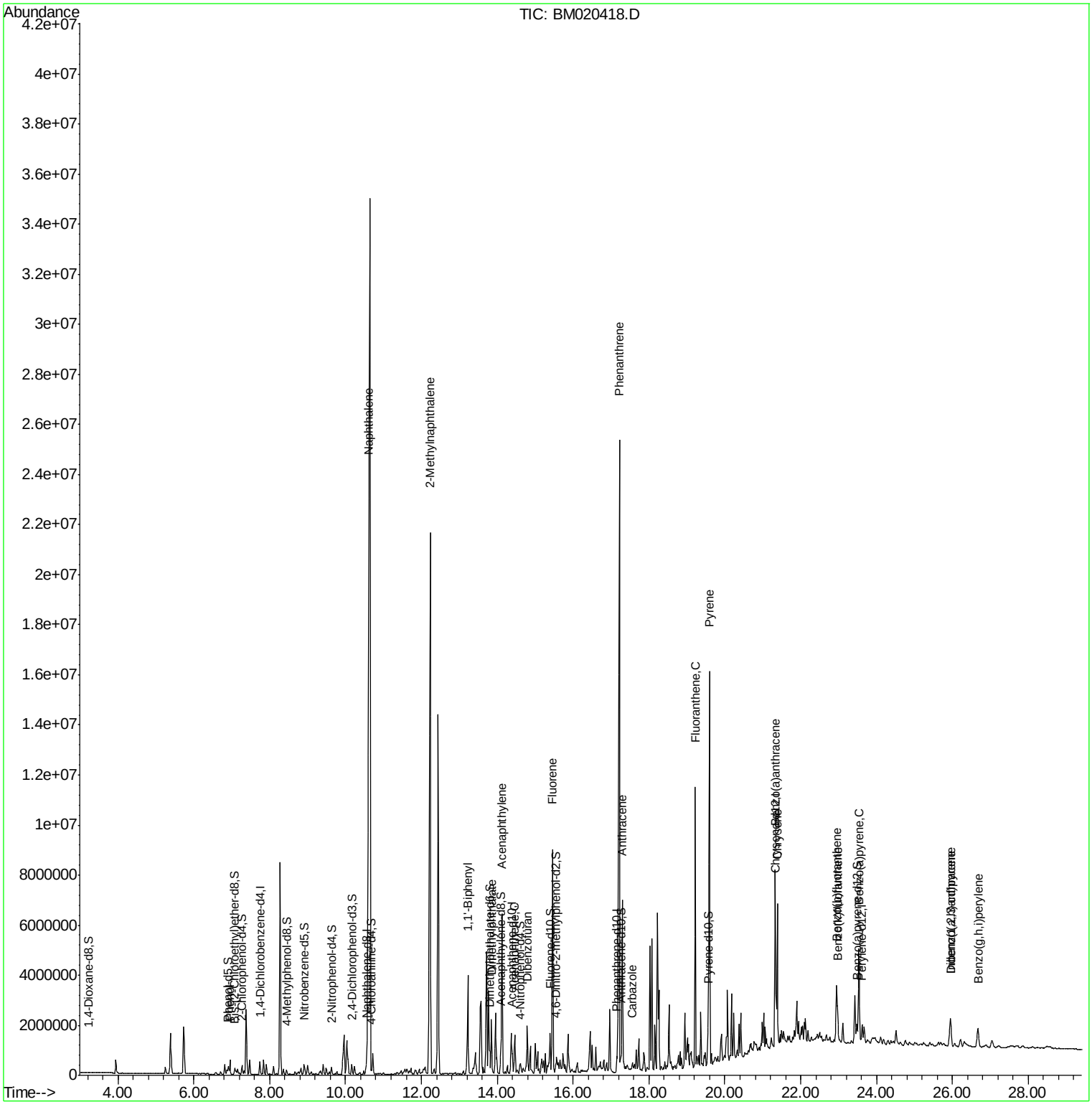
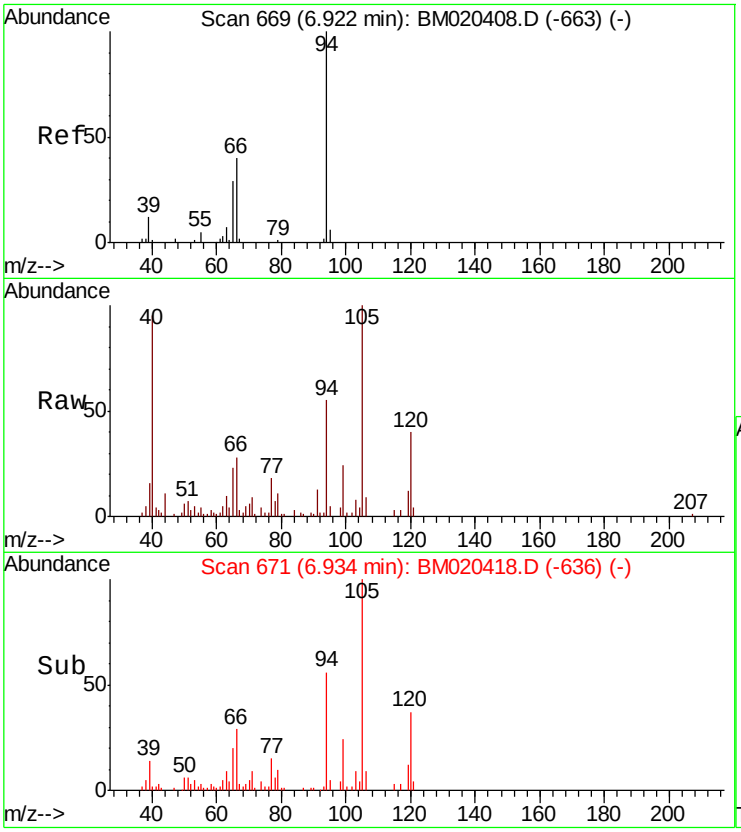
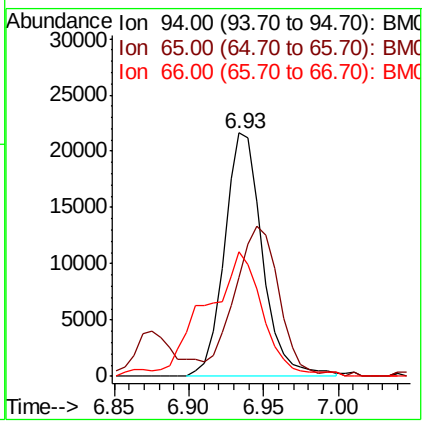




#6
Phenol
Concen: 3.409 ng/ul
RT: 6.93 min Scan# 671
Delta R.T. 0.01 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion: 94 Resp: 38423

Ion	Ratio	Lower	Upper
94	100		
65	40.7	25.4	38.0#
66	51.2	36.5	54.7



Instrument :
BNA_M
ClientSampleId :
GAJB1

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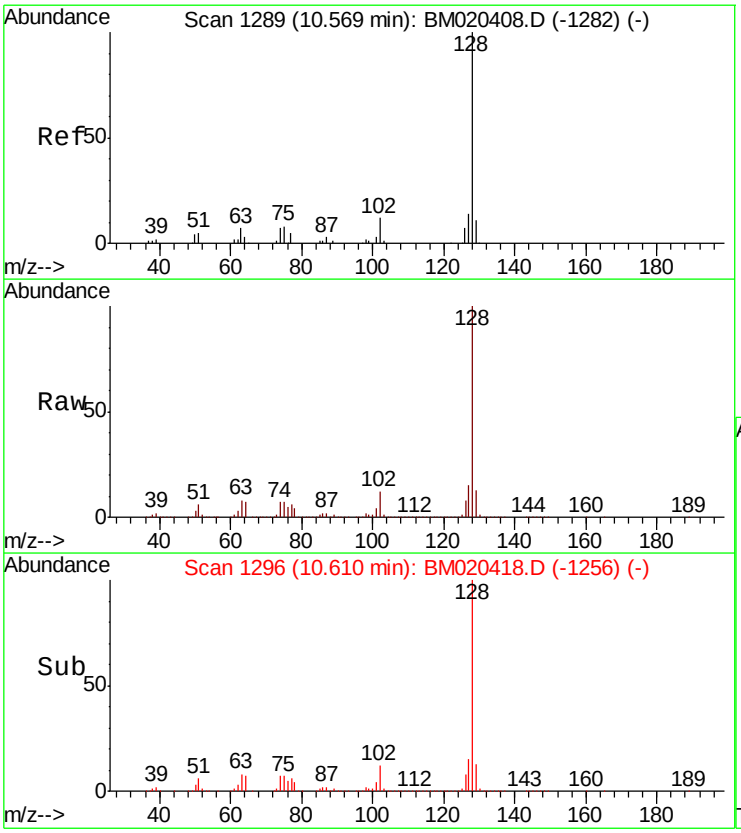
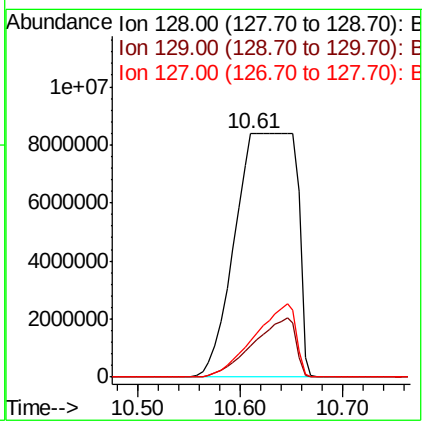
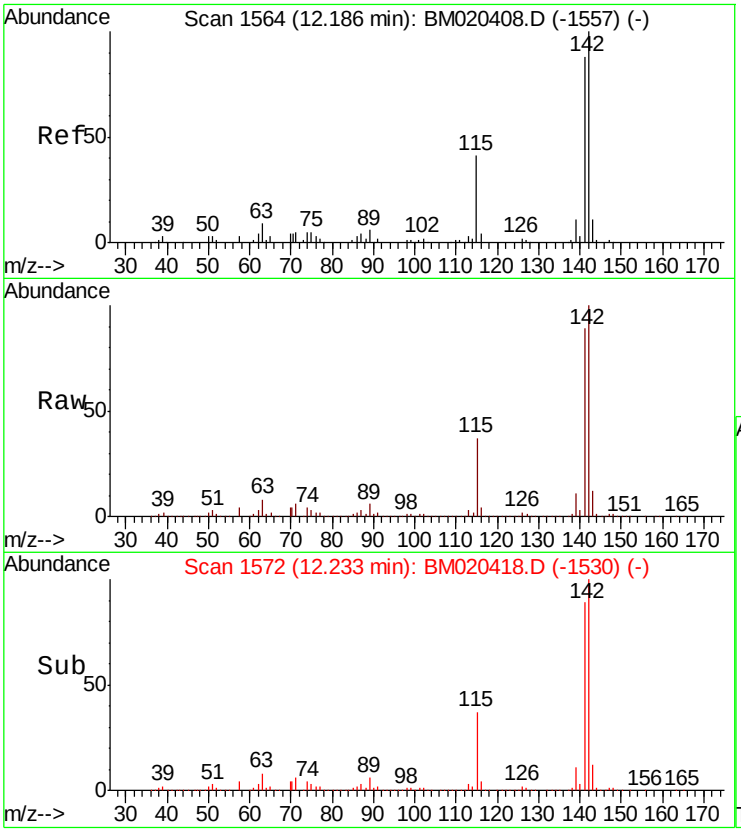


#28
Naphthalene
Concen: 1498.368 ng/ul m
RT: 10.61 min Scan# 1296
Delta R.T. 0.04 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:128 Resp:34770406

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	13.0
127	15.1	10.6	15.8





#34
2-Methylnaphthalene
Concen: 718.388 ng/ul
RT: 12.23 min Scan# 1572
Delta R.T. 0.05 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:142 Resp:12070173

Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.6	102.8

Instrument :
BNA_M
ClientSampleId :
GAJB1

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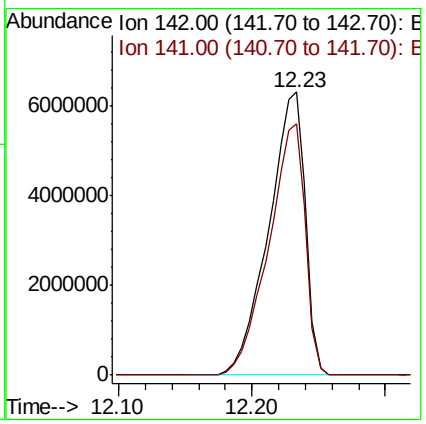
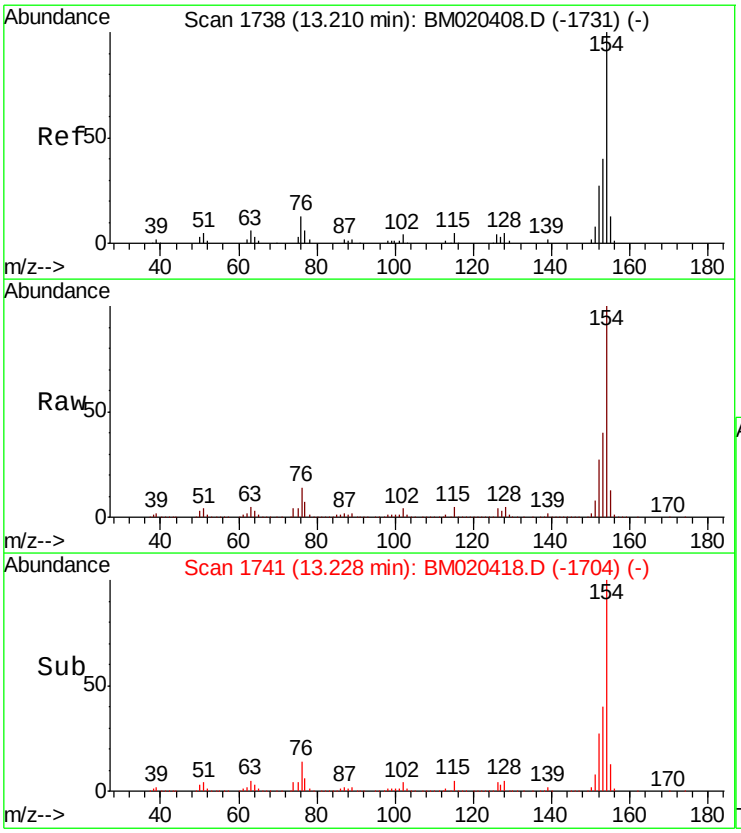
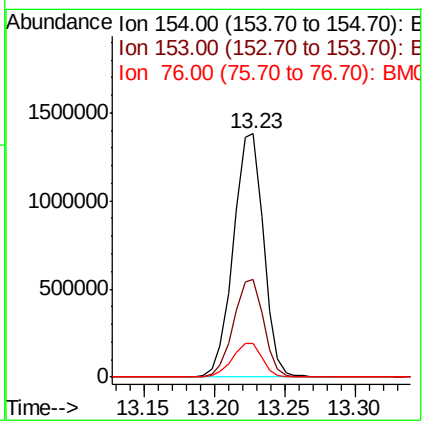


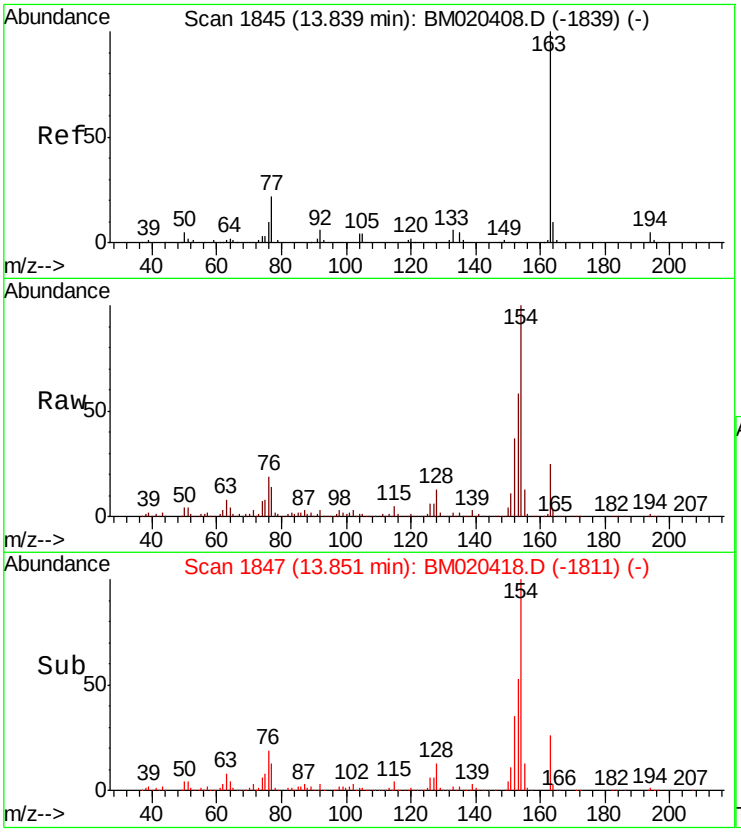


#40
1,1'-Biphenyl
Concen: 102.992 ng/ul
RT: 13.23 min Scan# 1741
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:154 Resp: 2064595

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.2	48.4
76	13.6	11.0	16.4

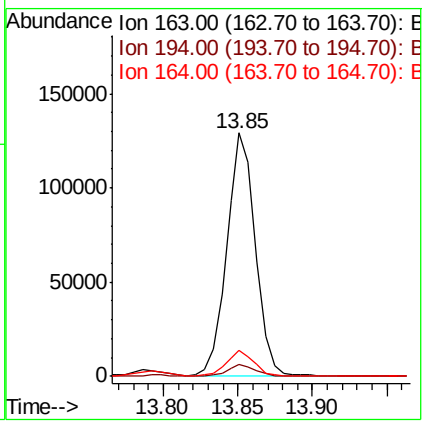




#44
Dimethylphthalate
Concen: 8.687 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:163 Resp: 173139

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.6	8.0	12.0



Instrument :
BNA_M
ClientSampleId :
GAJB1

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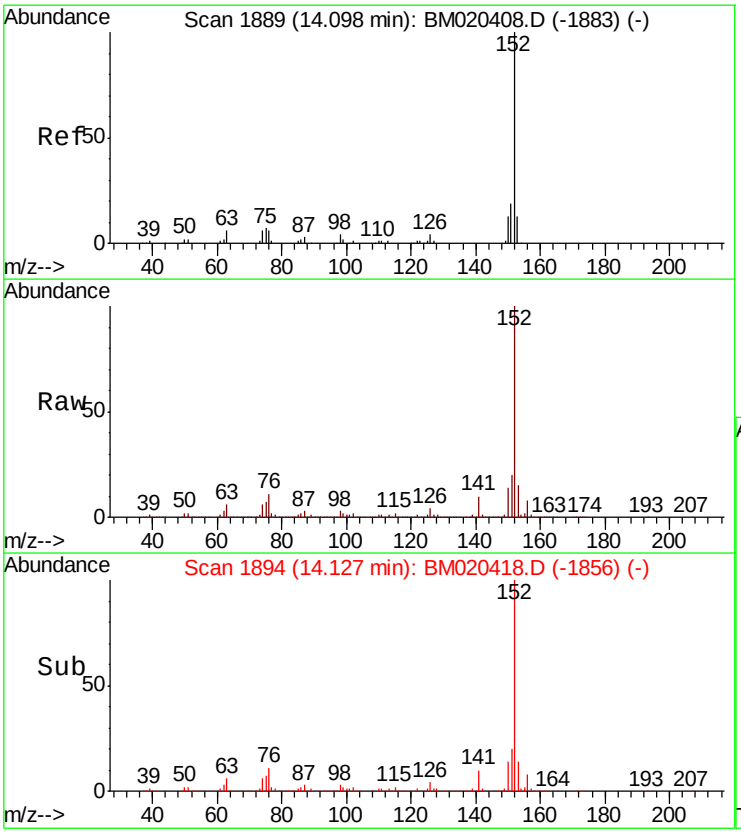
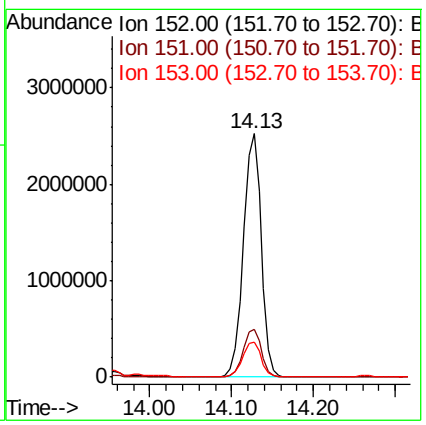
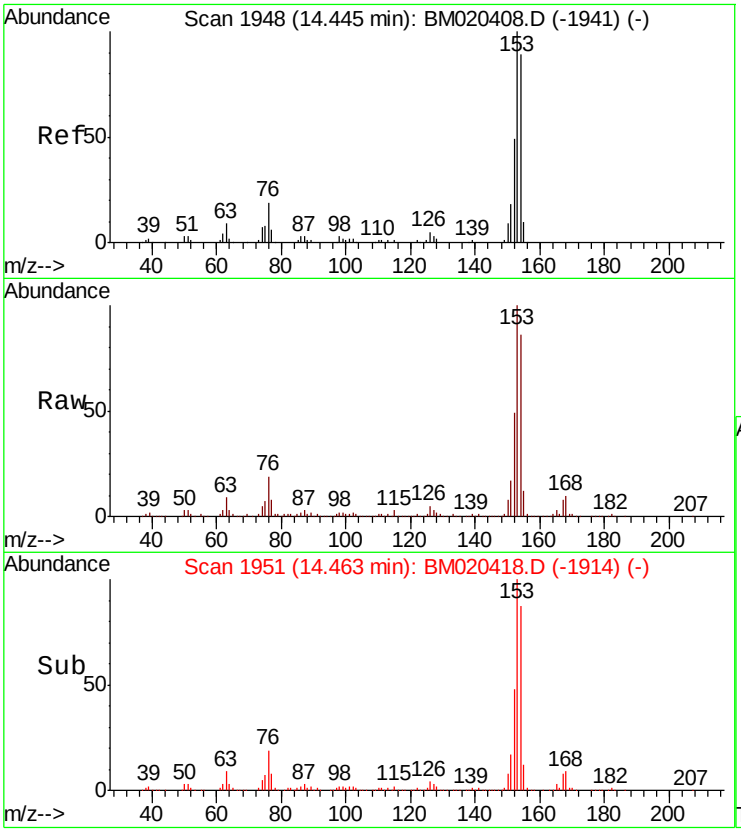


#47
Acenaphthylene
Concen: 161.360 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:152 Resp: 3834498

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0
153	14.5	10.3	15.5

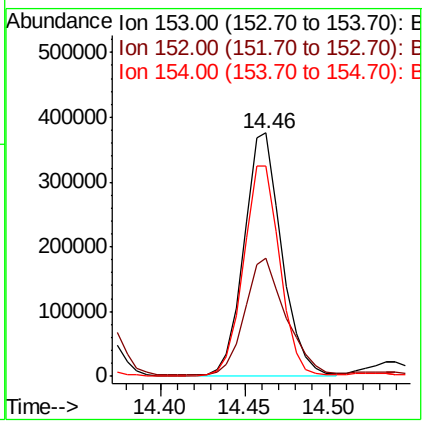




#49
Acenaphthene
Concen: 35.471 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:153 Resp: 579490

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.9	56.9
154	86.2	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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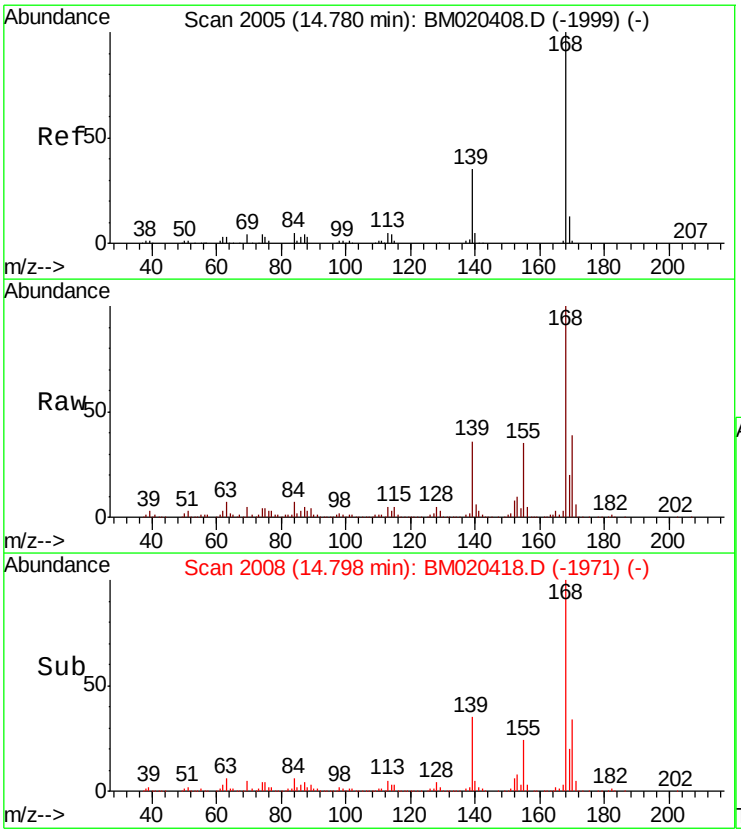
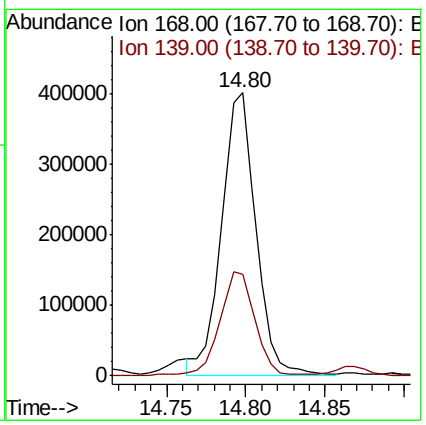
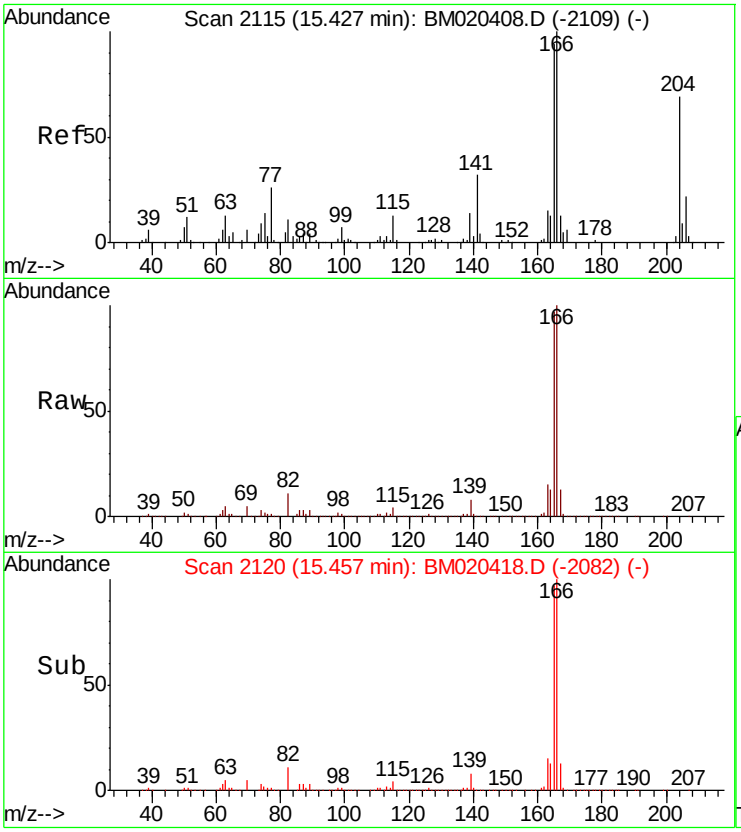


#53
Dibenzofuran
Concen: 24.263 ng/ul
RT: 14.80 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:168 Resp: 600260

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1

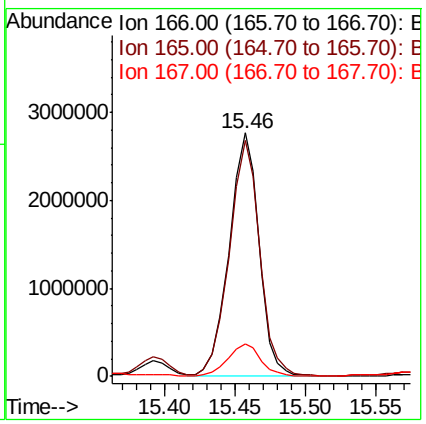




#58
Fluorene
Concen: 203.863 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:166 Resp: 4040284

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.1	115.7
167	13.5	11.1	16.7



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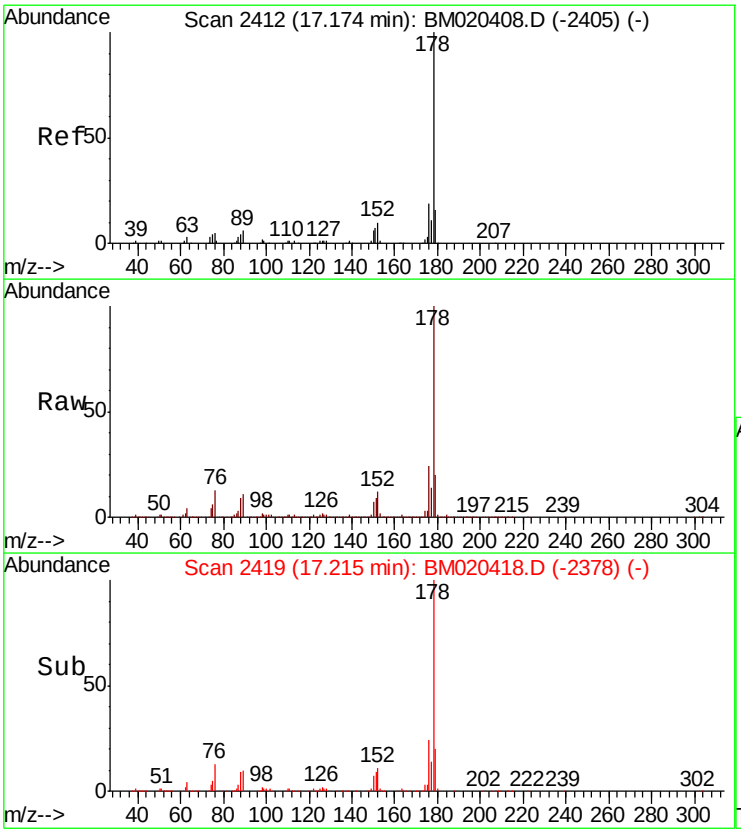
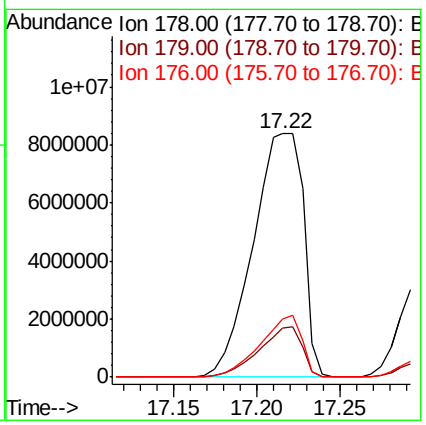
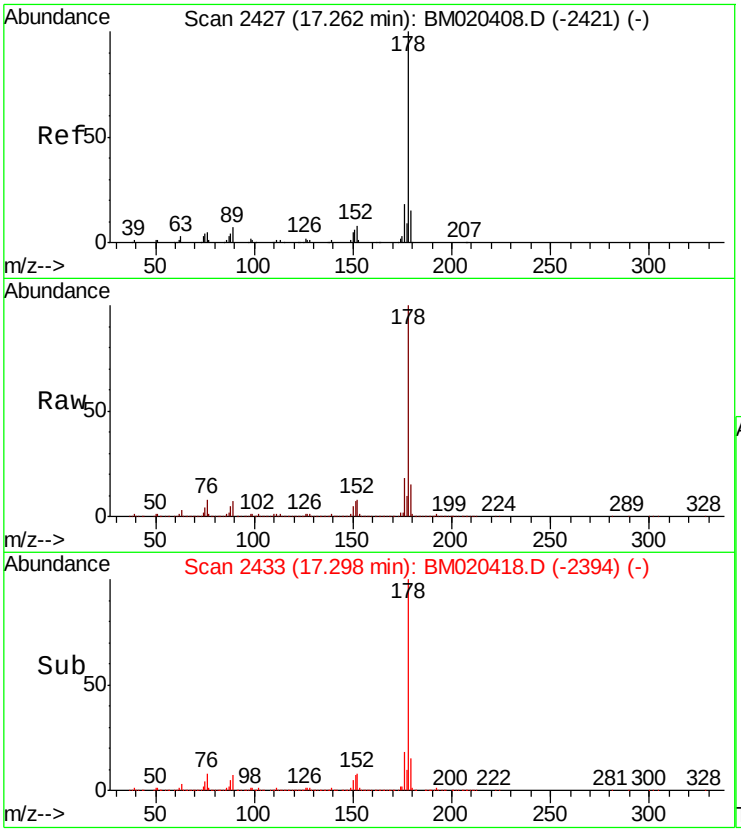


#69
Phenanthrene
Concen: 721.674 ng/ul m
RT: 17.22 min Scan# 2419
Delta R.T. 0.04 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:178 Resp:17723276

Ion	Ratio	Lower	Upper
178	100		
179	20.1	11.9	17.9#
176	23.8	14.6	22.0#

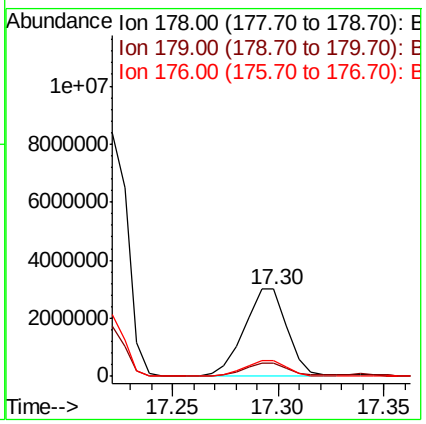




#71
Anthracene
Concen: 168.584 ng/ul
RT: 17.30 min Scan# 2433
Delta R.T. 0.03 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:178 Resp: 4211453

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	17.9	14.4	21.6



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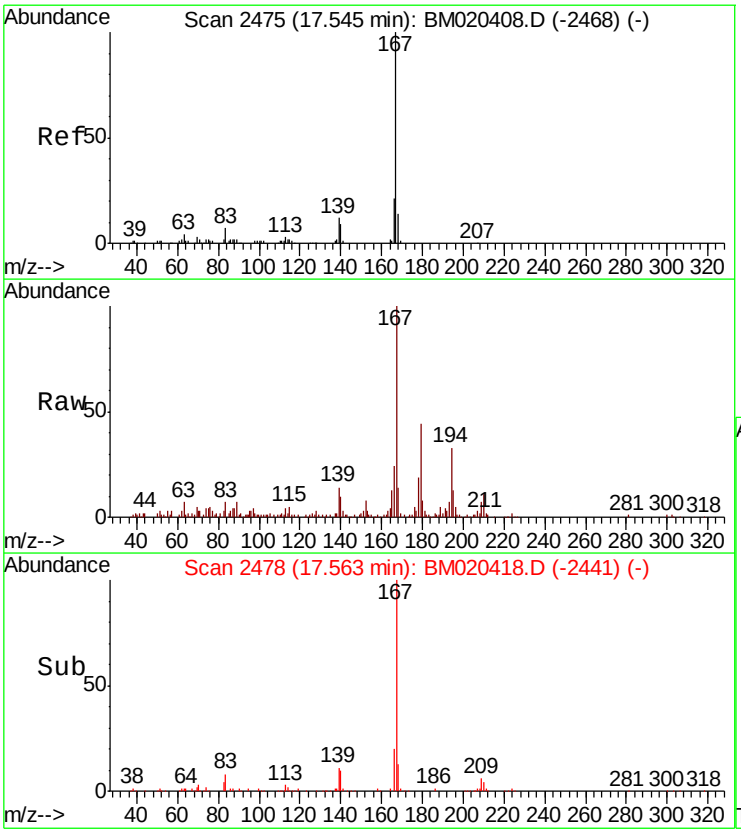
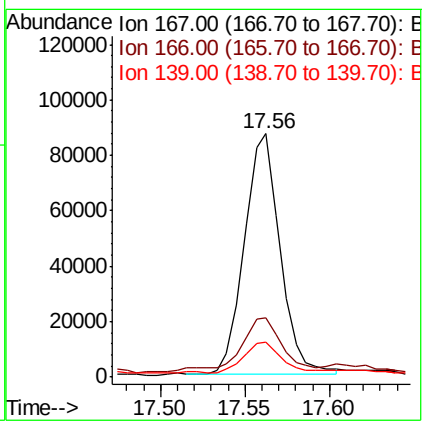
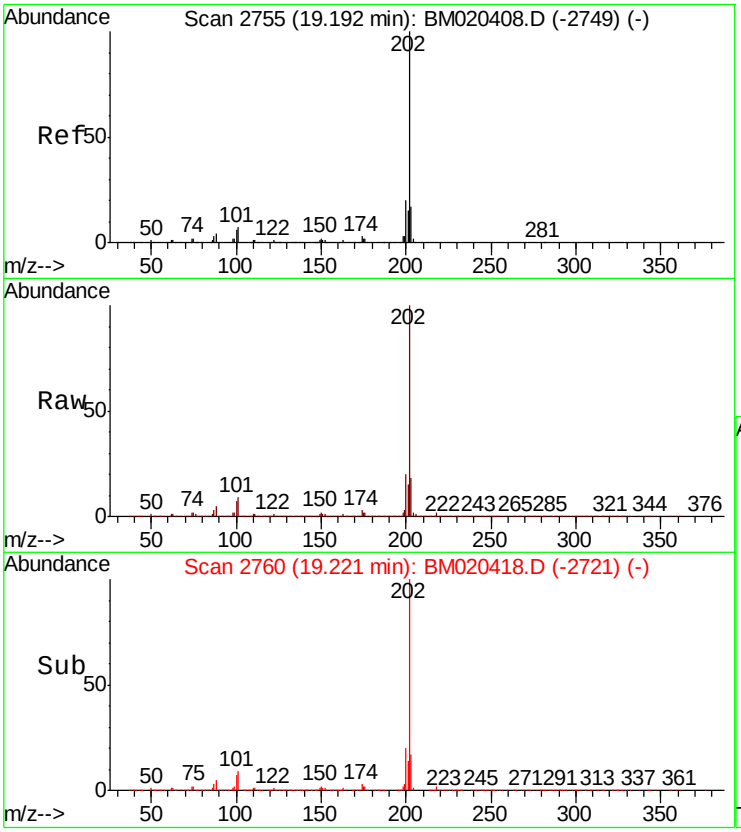


#74
Carbazole
Concen: 6.075 ng/ul
RT: 17.56 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:167 Resp: 128813

Ion	Ratio	Lower	Upper
167	100		
166	24.4	16.6	24.8
139	14.2	9.8	14.8

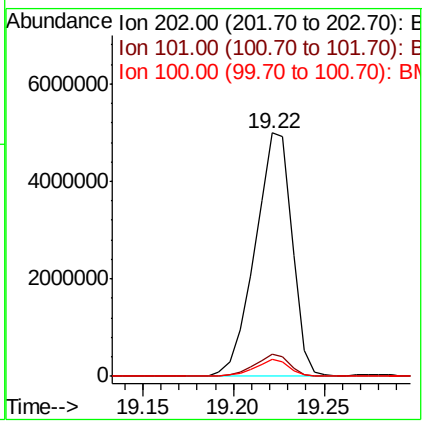




#76
Fluoranthene
Concen: 227.852 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. 0.03 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:202 Resp: 7068504

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.4	9.6
100	7.0	5.2	7.8



Instrument :
BNA_M
ClientSampleId :
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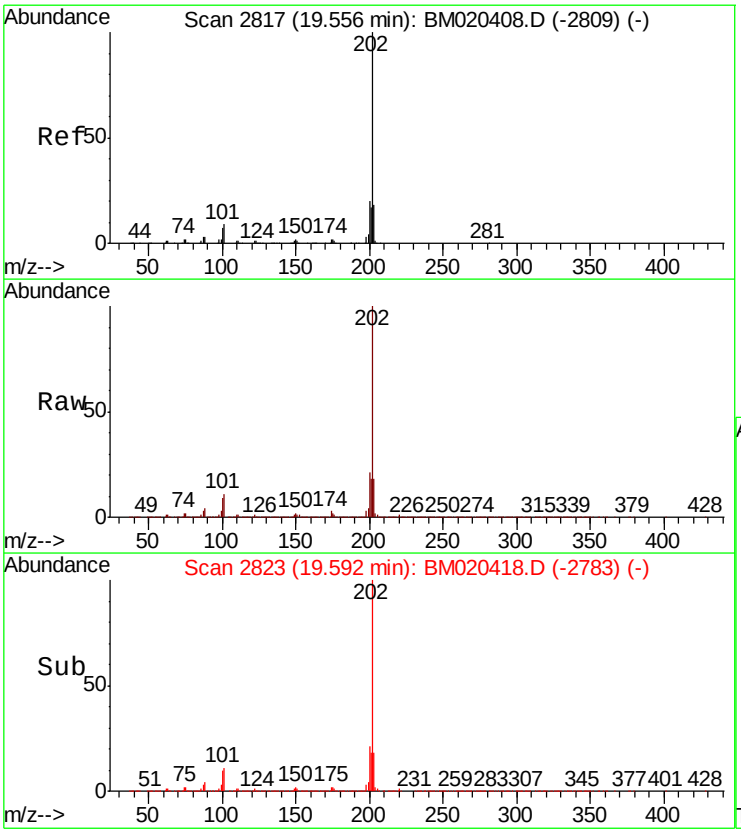
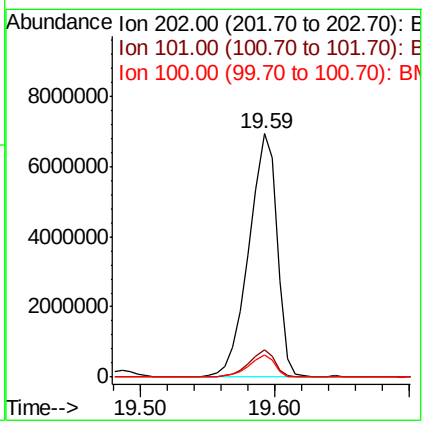
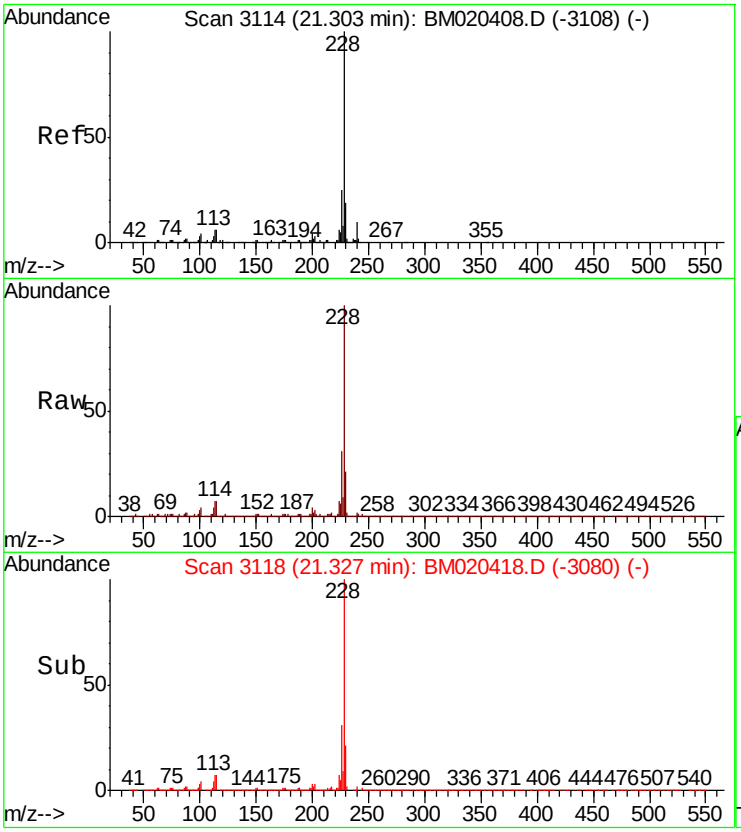


#79
Pyrene
Concen: 344.990 ng/ul m
RT: 19.59 min Scan# 2823
Delta R.T. 0.04 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:202 Resp:10121894

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.1	10.7#
100	9.3	5.9	8.9#

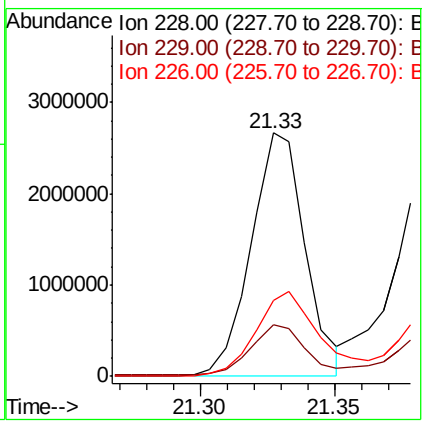




#82
Benzo(a)anthracene
Concen: 127.144 ng/ul m
RT: 21.33 min Scan# 3118
Delta R.T. 0.02 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:228 Resp: 3740667

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	31.3	20.6	30.8#



Instrument :
BNA_M
ClientSampleId :
GAJB1

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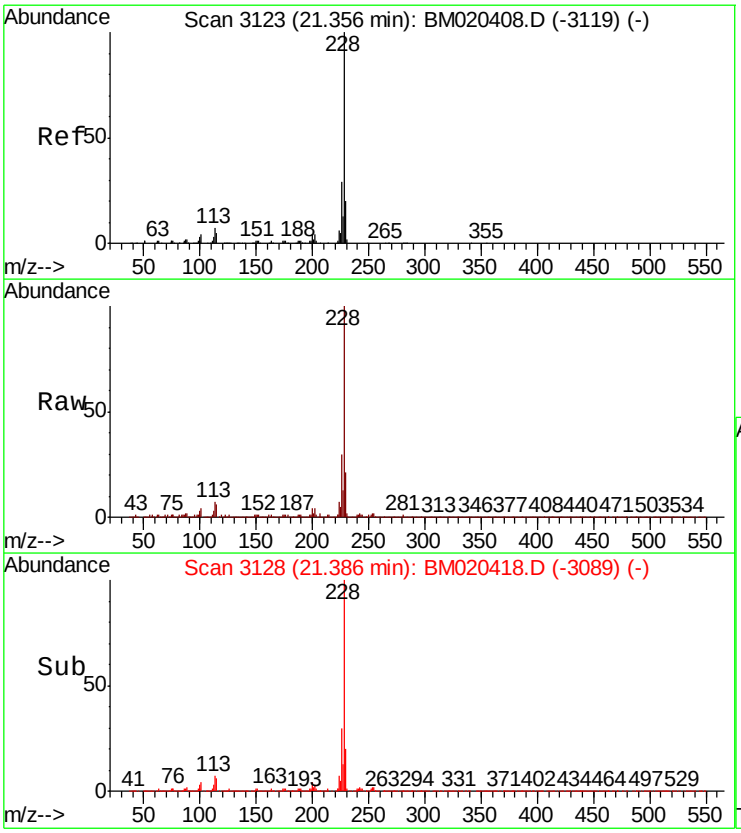
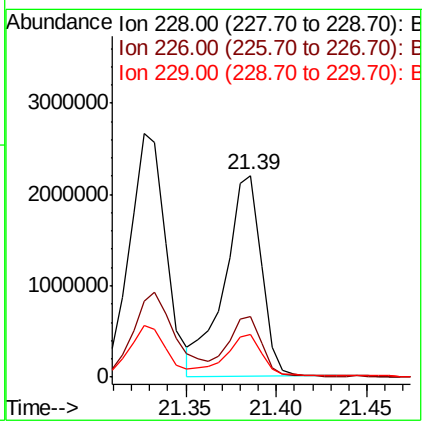
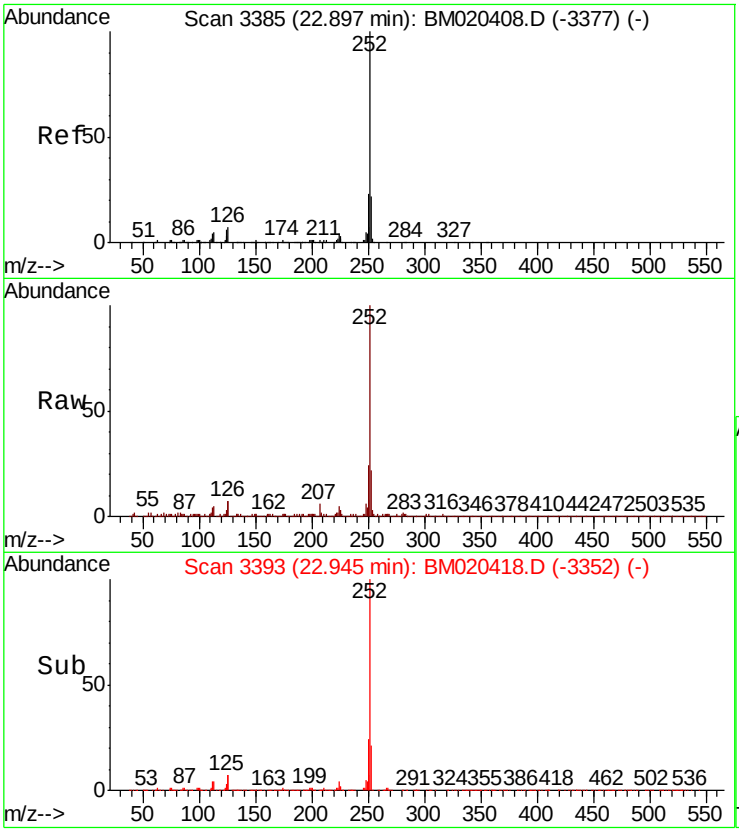


#84
Chrysene
Concen: 110.594 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. 0.03 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:228 Resp: 3109458

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.4
229	21.1	15.4	23.2

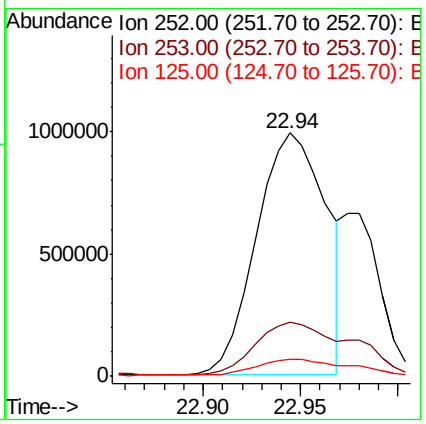




#87
Benzo(b)fluoranthene
Concen: 73.006 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. 0.04 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:252 Resp: 2443518

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	7.0	5.0	7.4



Instrument :
BNA_M
ClientSampleId :
GAJB1

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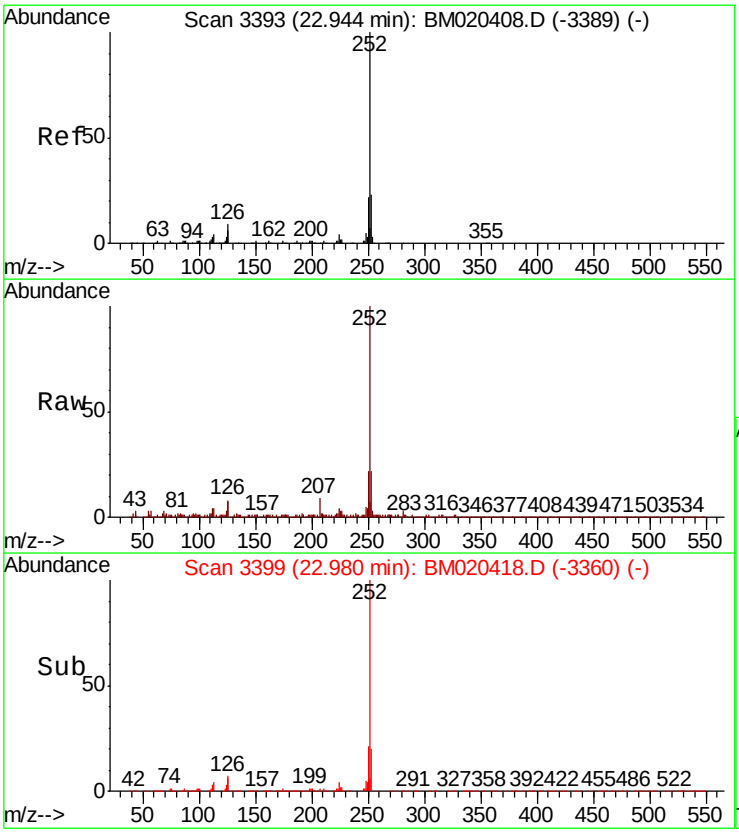
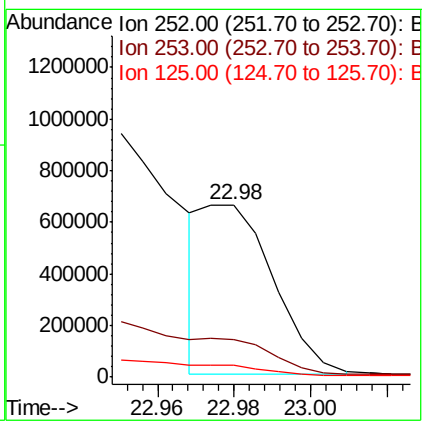
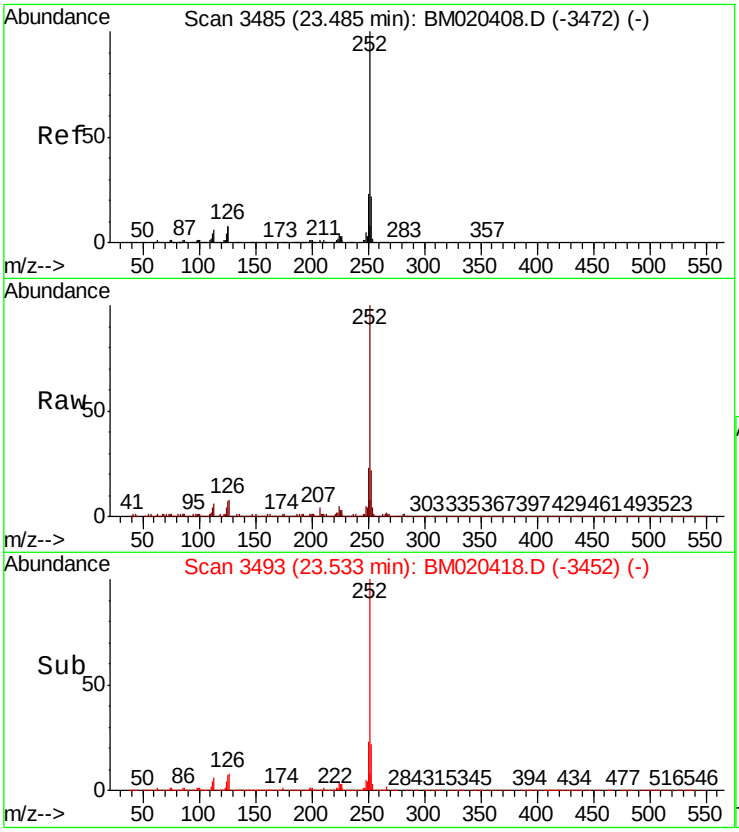


#88
Benzo(k)fluoranthene
Concen: 25.529 ng/ul m
RT: 22.98 min Scan# 3399
Delta R.T. 0.03 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:252 Resp: 839259

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.7	5.0	7.6





#90
Benzo(a)pyrene
Concen: 95.434 ng/ul
RT: 23.53 min Scan# 3493
Delta R.T. 0.04 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:252 Resp: 3005988

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	6.9	5.4	8.2

Instrument :
BNA_M
ClientSampleId :
GAJB1

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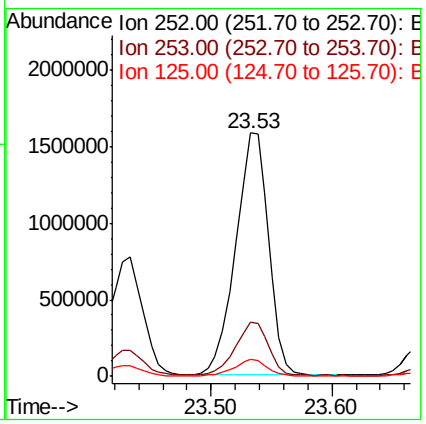
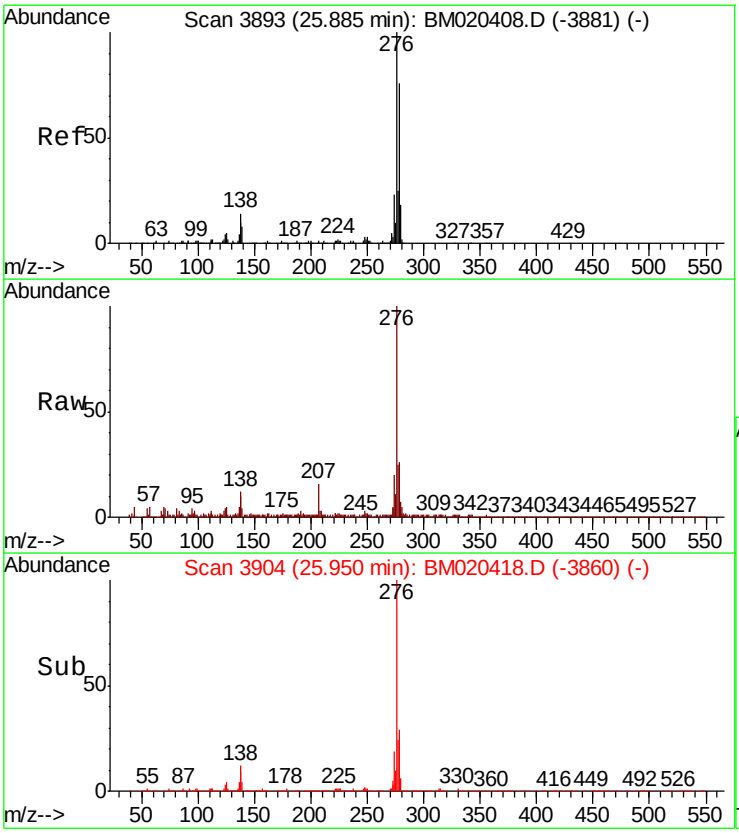
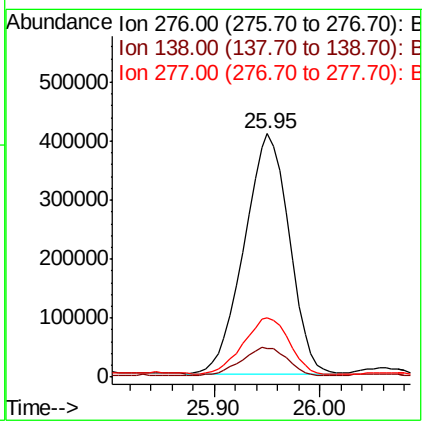


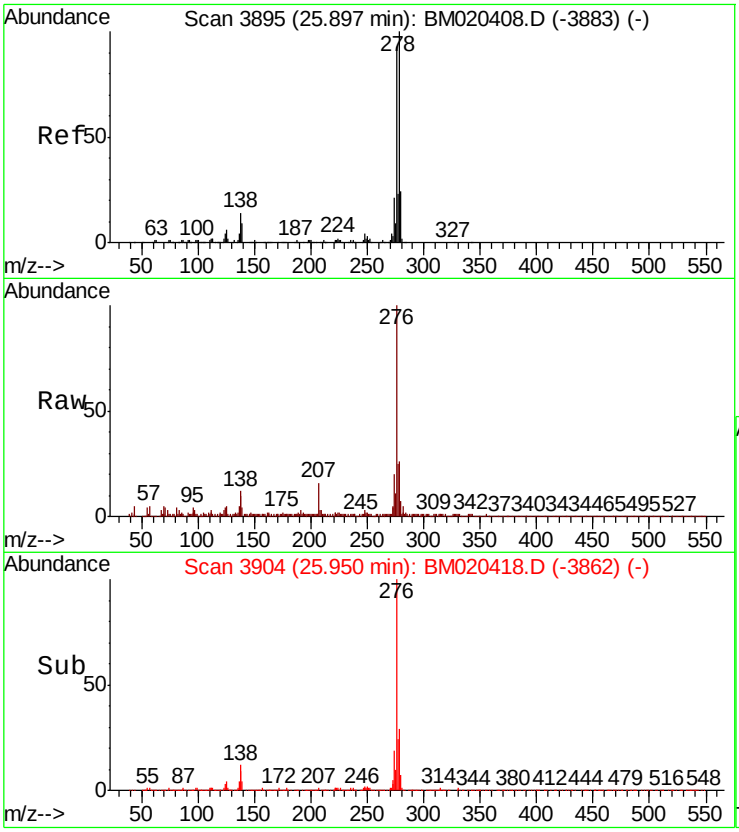


#91
Indeno(1,2,3-cd)pyrene
Concen: 33.576 ng/ul
RT: 25.95 min Scan# 3904
Delta R.T. 0.06 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:276 Resp: 1205062

Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.3	18.5#
277	24.6	20.0	30.0





#92
Dibenzo(a,h)anthracene
Concen: 11.336 ng/ul
RT: 25.95 min Scan# 3904
Delta R.T. 0.05 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:278 Resp: 347914

Ion	Ratio	Lower	Upper
278	100		
139	13.7	8.1	12.1#
279	25.6	18.7	28.1

Instrument :
BNA_M
ClientSampleId :
GAJB1

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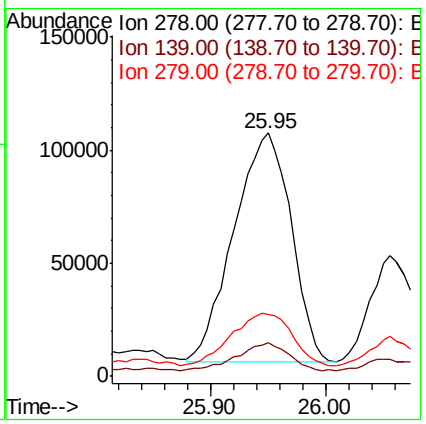

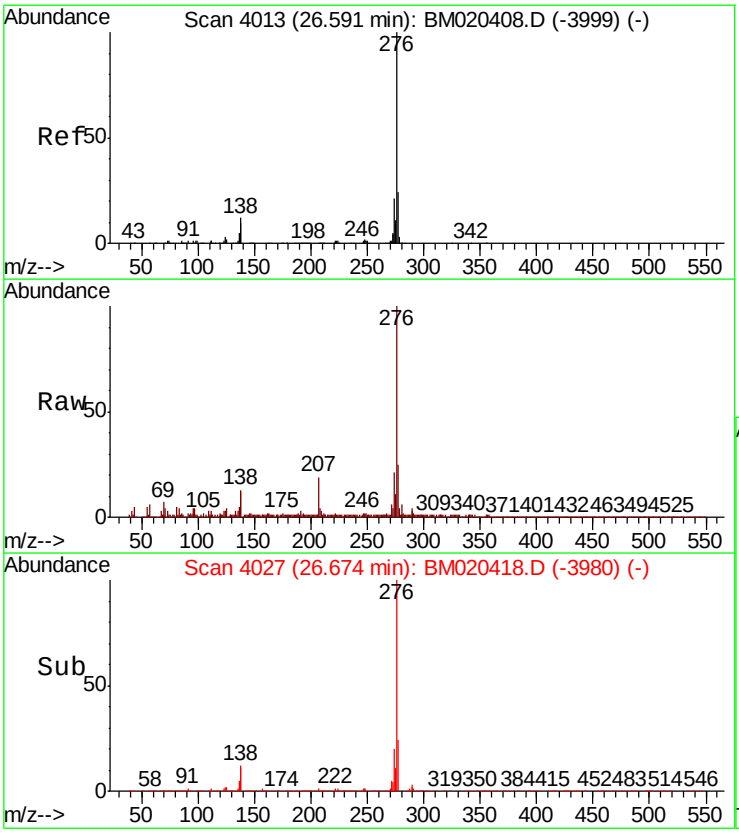

#93
Benzo(g,h,i)perylene
Concen: 34.698 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. 0.08 min
Lab File: BM020418.D
Acq: 19 May 2019 02:54

Tgt Ion:276 Resp: 1030873

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.0	15.0
277	24.6	18.2	27.4