Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020410.D
Acq On : 18 May 2019 22:04
Operator : JU/SJ
Sample : K2633-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA5

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Quant Time: May 20 10:37:18 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	7.73	152	64620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	239295	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	162667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	378242	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	434814	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	493677	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1427	0.81	ng/uL	0.01
5) Phenol-d5	6.90	99	18026	3.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	13036	3.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	15218	4.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	11742	3.13	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	6379	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	5364	3.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	13669	3.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	13624m	3.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	57421	4.91	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	66059	4.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	1787	1.05	ng/ul	0.00
57) Fluorene-d10	15.37	176	52990	5.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	1559	0.72	ng/ul	0.01
70) Anthracene-d10	17.24	188	83725	5.16	ng/ul	0.00
78) Pyrene-d10	19.53	212	100583	4.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	106322	4.74	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.60	128	27044326m	2459.856	ng/ul	
34) 2-Methylnaphthalene	12.21	142	6577087	826.235	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	1192642	102.414	ng/ul	99
44) Dimethylphthalate	13.84	163	15144	1.308	ng/ul	98
47) Acenaphthylene	14.10	152	1377757	99.802	ng/ul	98
49) Acenaphthene	14.44	153	331987	34.981	ng/ul	99
53) Dibenzofuran	14.78	168	419248	29.172	ng/ul	99
58) Fluorene	15.44	166	2596307	225.508	ng/ul	100
69) Phenanthrene	17.20	178	15076259m	836.535	ng/ul	
71) Anthracene	17.27	178	3290928	179.513	ng/ul	100
74) Carbazole	17.54	167	132956	8.544	ng/ul	95
76) Fluoranthene	19.20	202	6560784	288.187	ng/ul	99
79) Pyrene	19.57	202	9185446	351.954	ng/ul	96
82) Benzo(a)anthracene	21.31	228	3474149m	132.750	ng/ul	
84) Chrysene	21.36	228	2821044	112.797	ng/ul	97
87) Benzo(b)fluoranthene	22.91	252	2469492	87.647	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	638901m	23.086	ng/ul	
90) Benzo(a)pyrene	23.50	252	2734861	103.142	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	1161324	38.437	ng/ul	97
92) Dibenzo(a,h)anthracene	25.89	278	313307m	12.126	ng/ul	
93) Benzo(g,h,i)perylene	26.60	276	1058141	42.309	ng/ul	97

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
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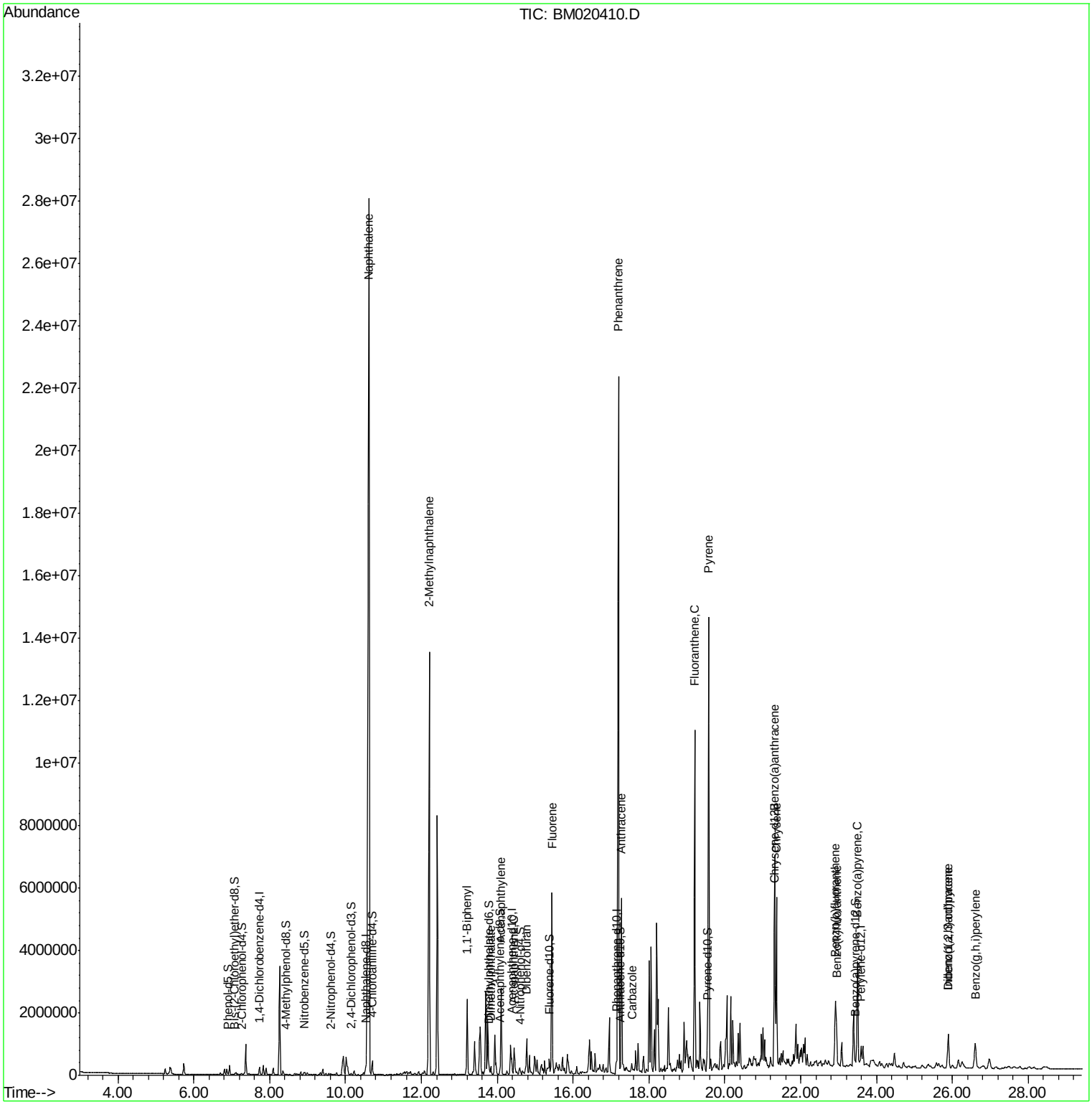

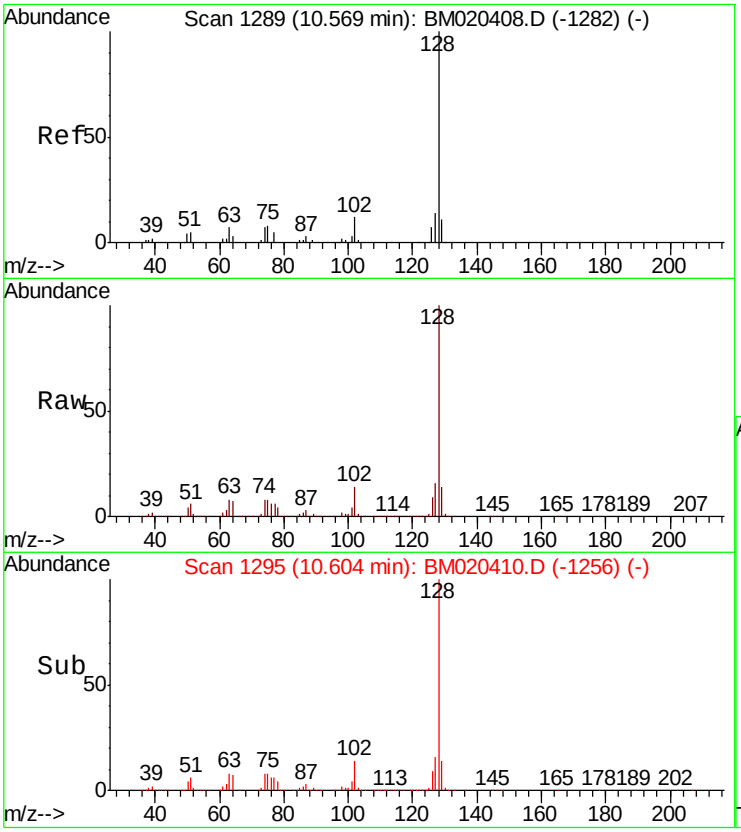

#28
Naphthalene
Concen: 2459.856 ng/ul m
RT: 10.60 min Scan# 1295
Delta R.T. 0.03 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:128 Resp:27044326

Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.6	13.0#
127	16.3	10.6	15.8#

Instrument :
BNA_M
ClientSampleId :
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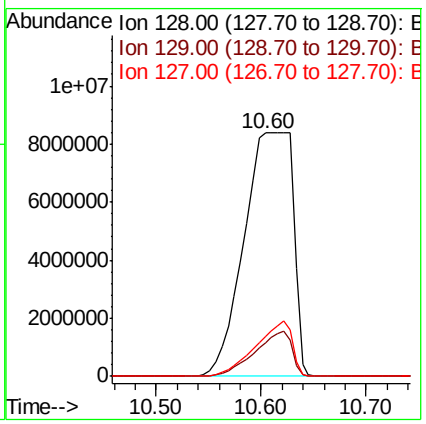
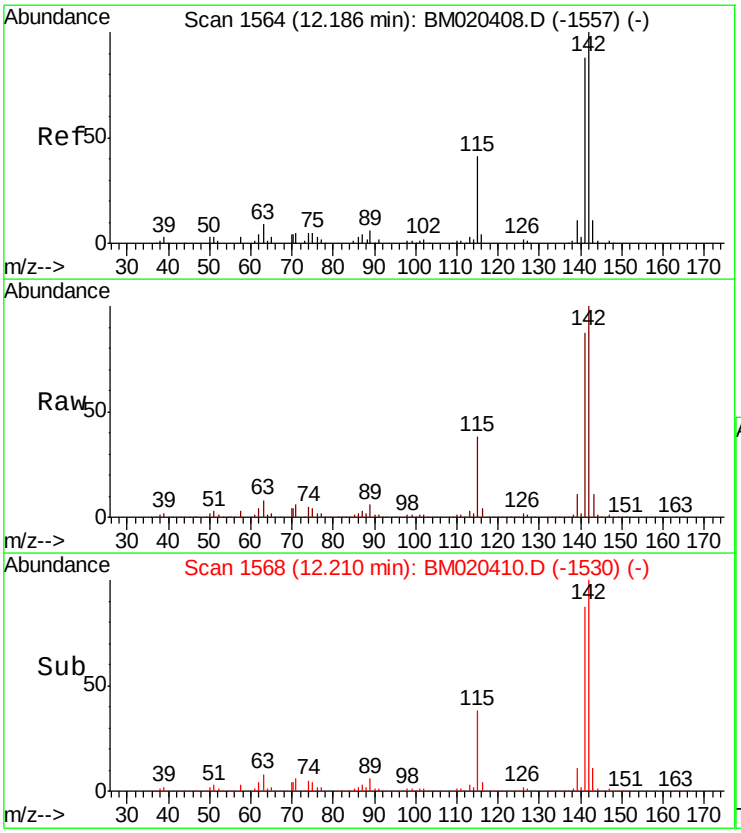
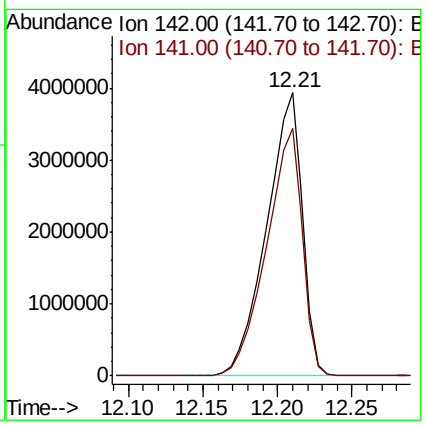


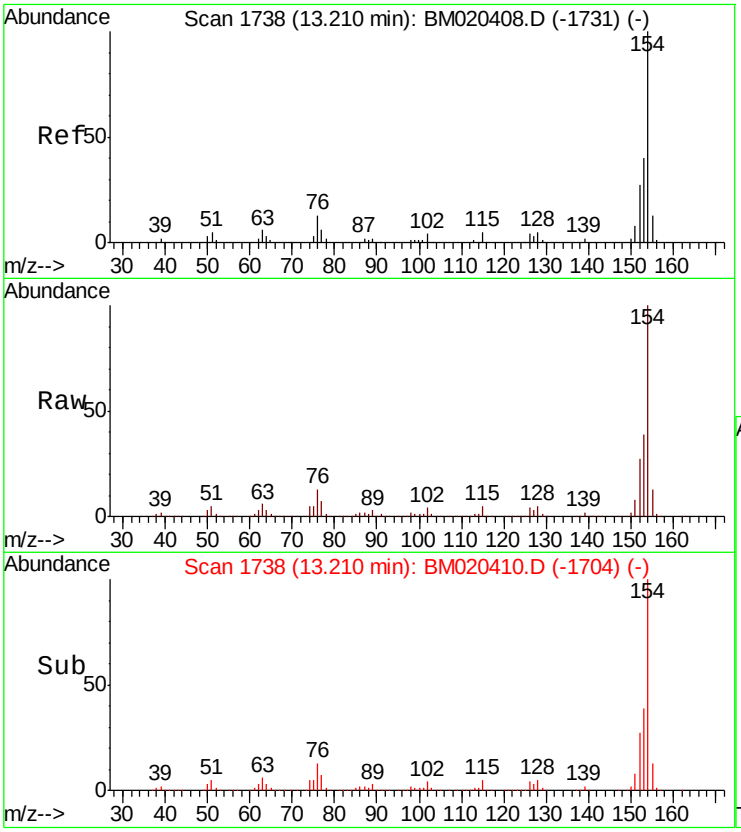


#34
2-Methylnaphthalene
Concen: 826.235 ng/ul
RT: 12.21 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:142 Resp: 6577087

Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.6	102.8

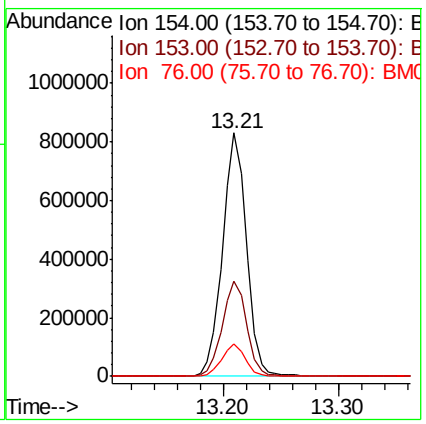




#40
1,1'-Biphenyl
Concen: 102.414 ng/ul
RT: 13.21 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:154 Resp: 1192642

Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.2	48.4
76	13.4	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
GAJA5

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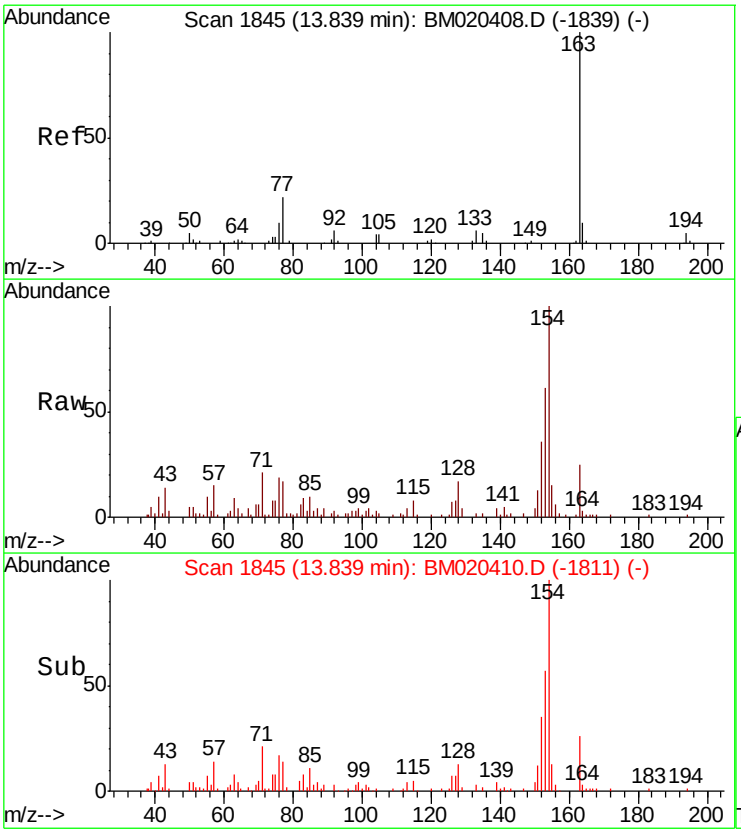
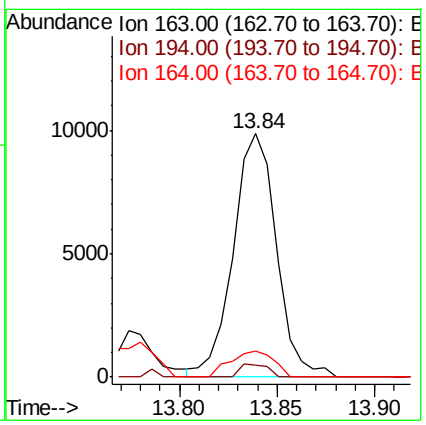
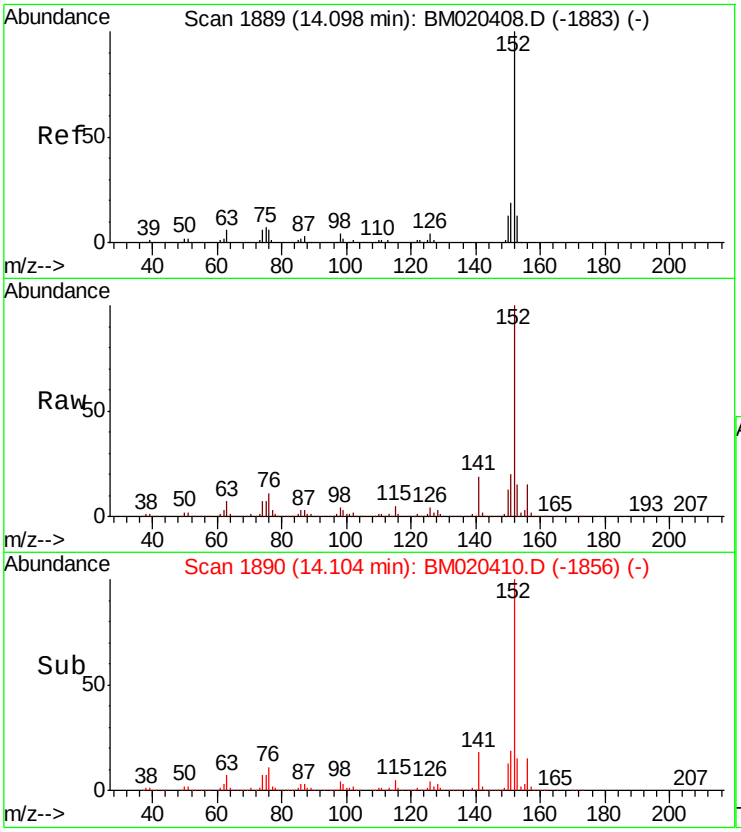


#44
Dimethylphthalate
Concen: 1.308 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:163 Resp: 15144

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

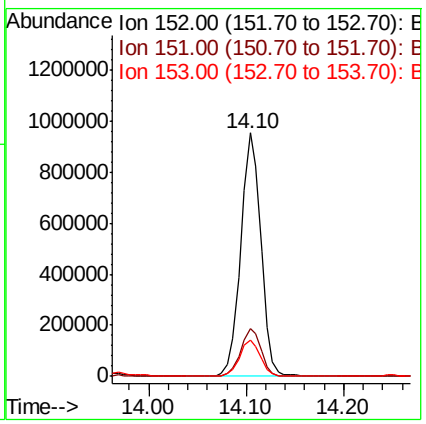




#47
Acenaphthylene
Concen: 99.802 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:152 Resp: 1377757

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0
153	14.9	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
GAJA5

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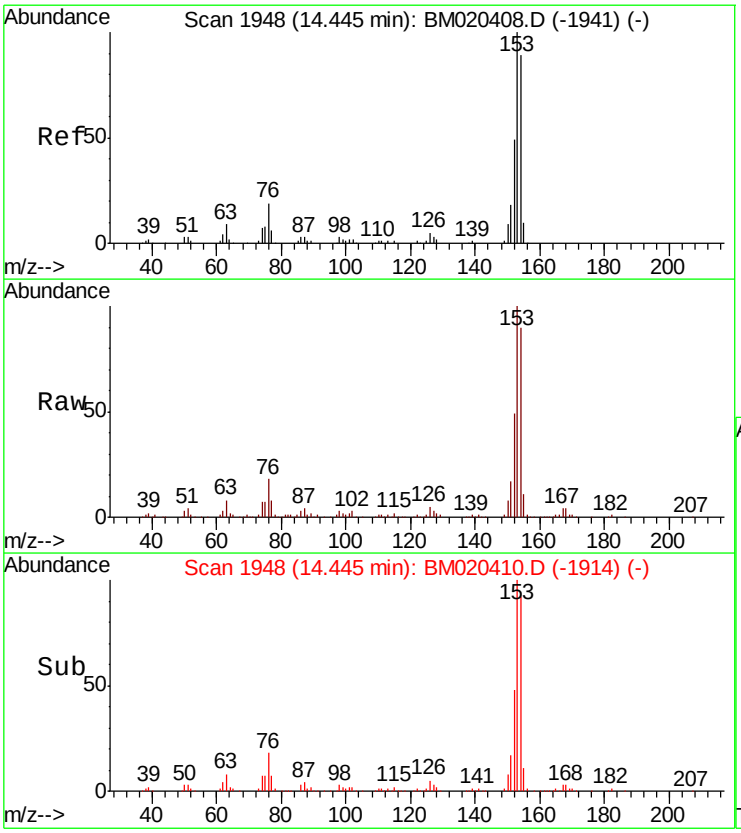
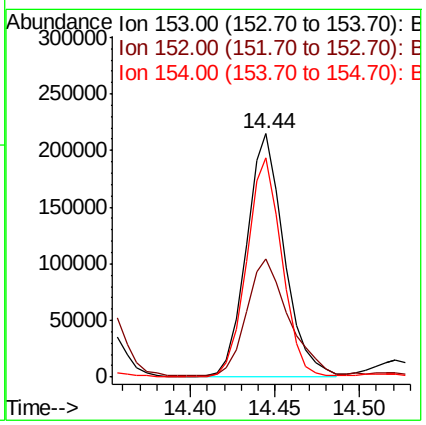
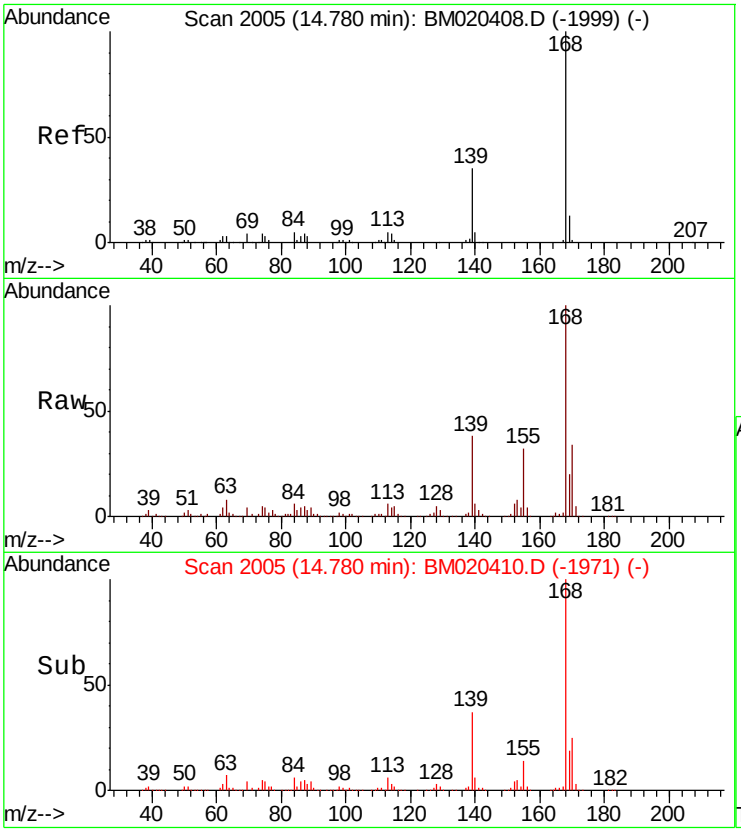


#49
Acenaphthene
Concen: 34.981 ng/ul
RT: 14.44 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:153 Resp: 331987

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.9	56.9
154	90.0	71.2	106.8

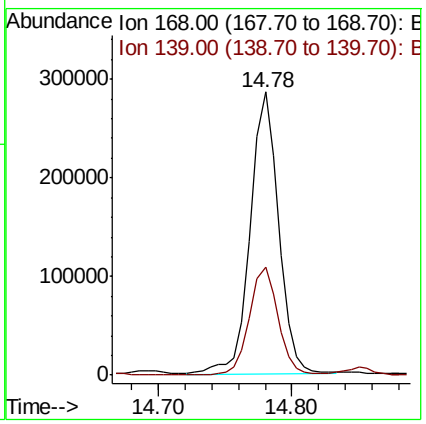




#53
Dibenzofuran
Concen: 29.172 ng/ul
RT: 14.78 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:168 Resp: 419248

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1



Instrument :
BNA_M
ClientSampleId :
GAJA5

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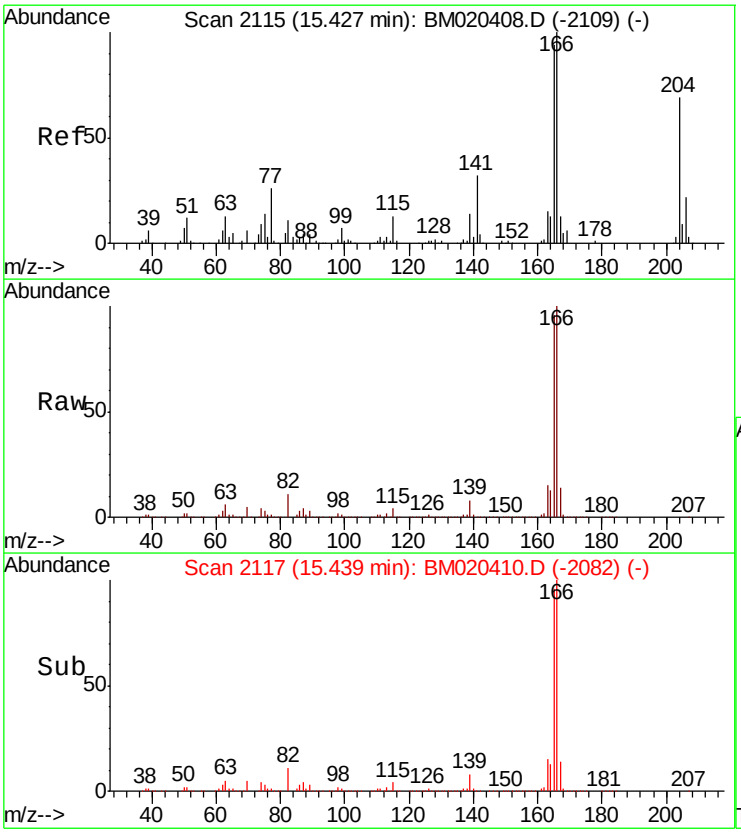
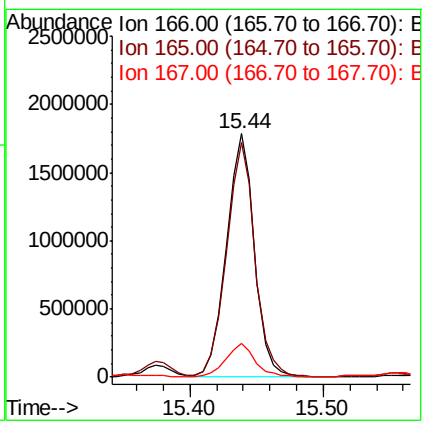
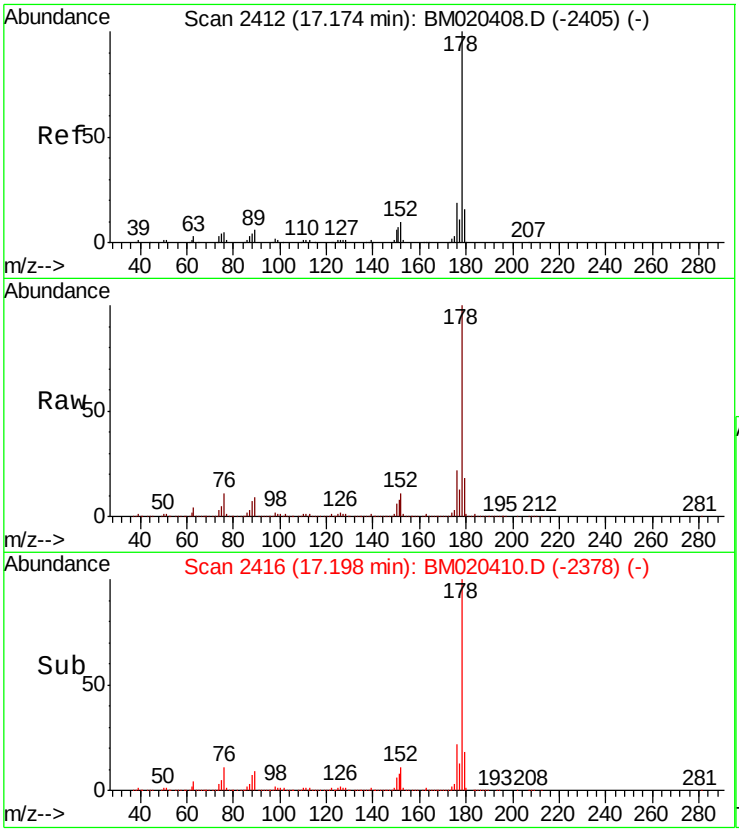


#58
Fluorene
Concen: 225.508 ng/ul
RT: 15.44 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:166 Resp: 2596307

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.1	115.7
167	13.8	11.1	16.7

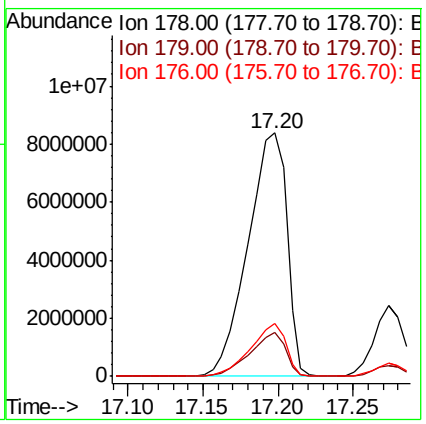




#69
Phenanthrene
Concen: 836.535 ng/ul m
RT: 17.20 min Scan# 2416
Delta R.T. 0.02 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:178 Resp:15076259

Ion	Ratio	Lower	Upper
178	100		
179	18.1	11.9	17.9#
176	21.9	14.6	22.0



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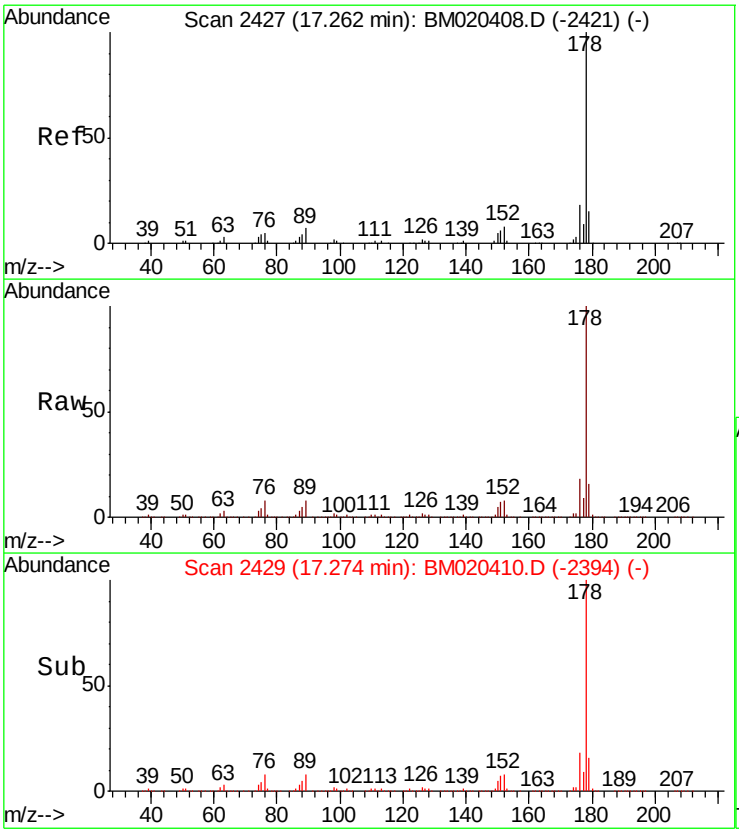
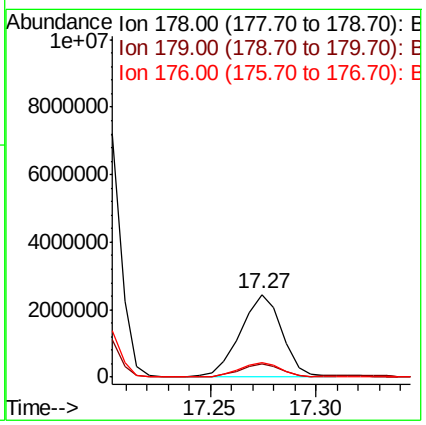
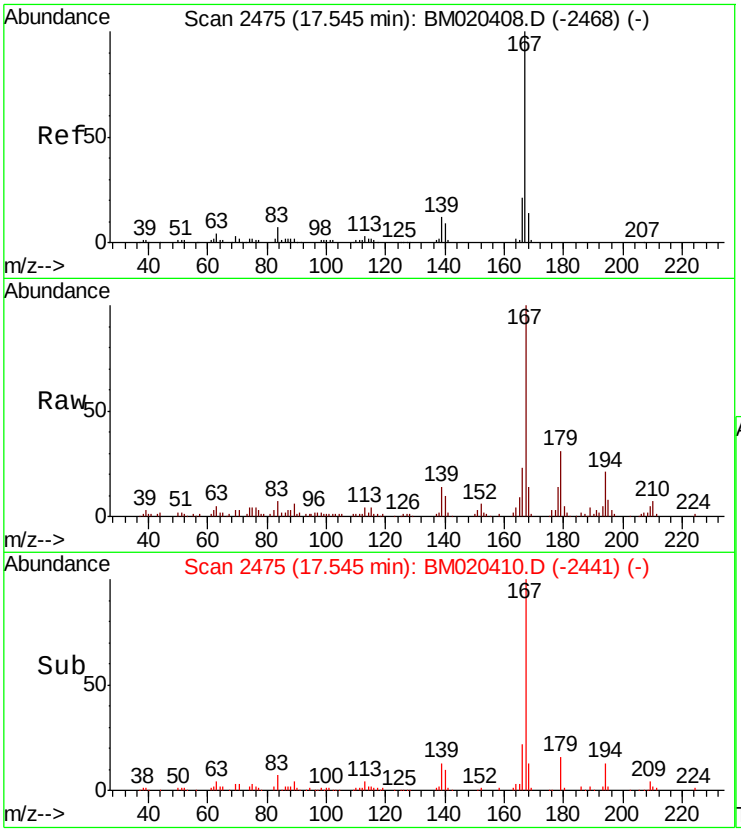


#71
Anthracene
Concen: 179.513 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:178 Resp: 3290928

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	17.7	14.4	21.6

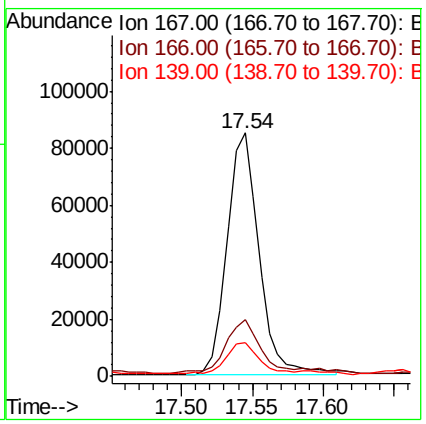




#74
Carbazole
Concen: 8.544 ng/ul
RT: 17.54 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:167 Resp: 132956

Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.6	24.8
139	13.9	9.8	14.8



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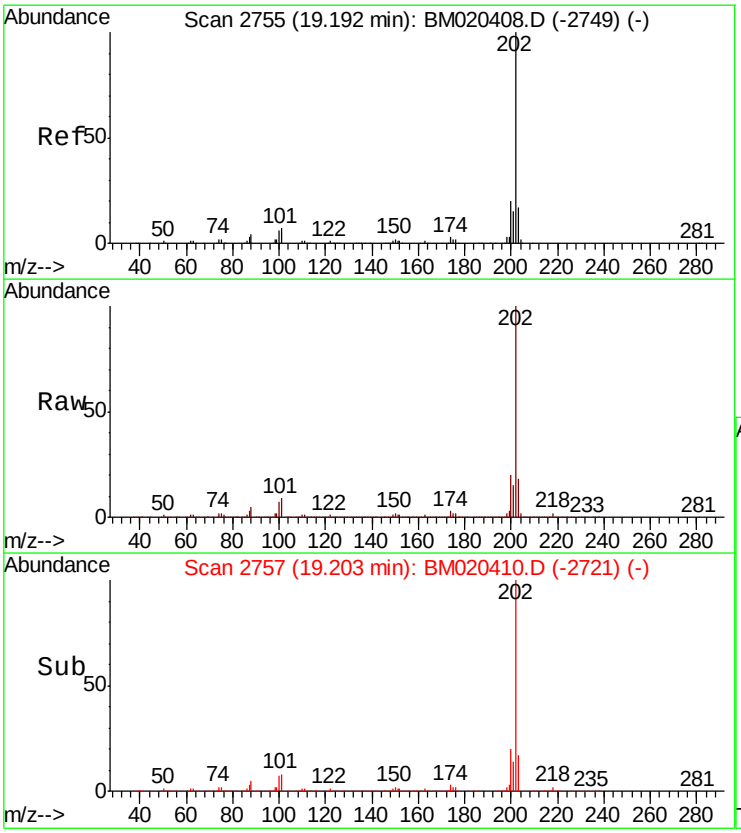
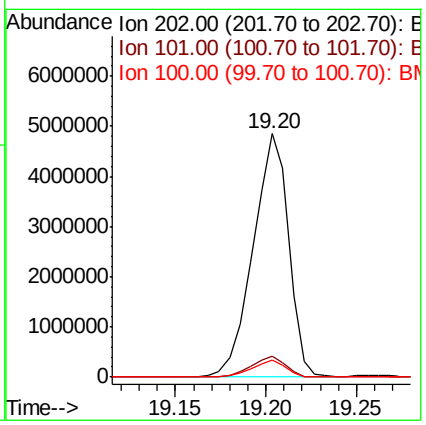
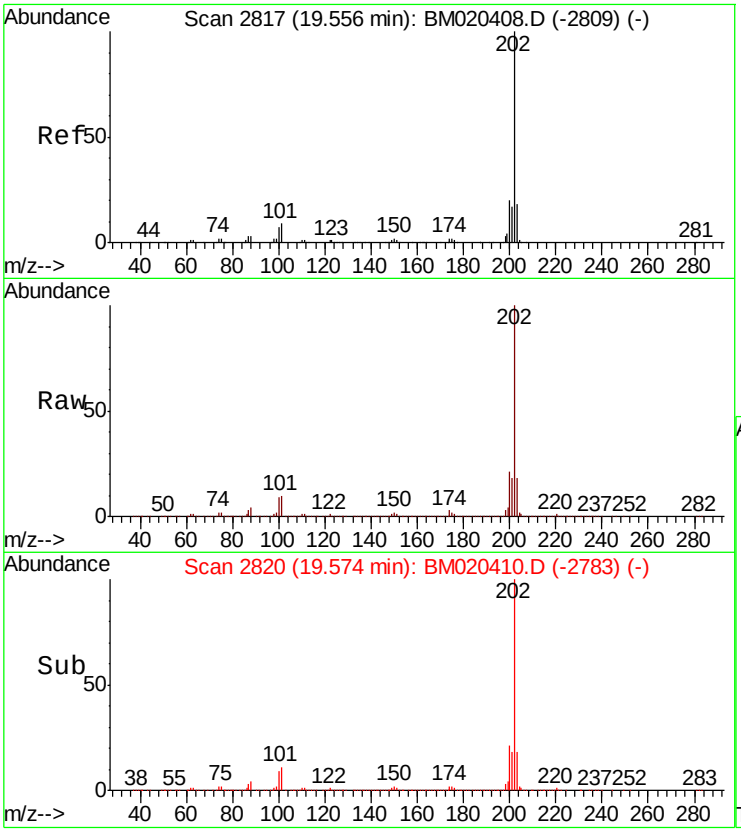


#76
Fluoranthene
Concen: 288.187 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:202 Resp: 6560784

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.4	9.6
100	6.8	5.2	7.8

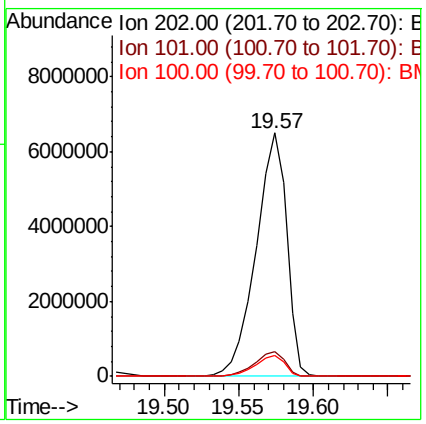




#79
Pyrene
Concen: 351.954 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. 0.02 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:202 Resp: 9185446

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.1	10.7
100	8.8	5.9	8.9



Instrument :
BNA_M
ClientSampleId :
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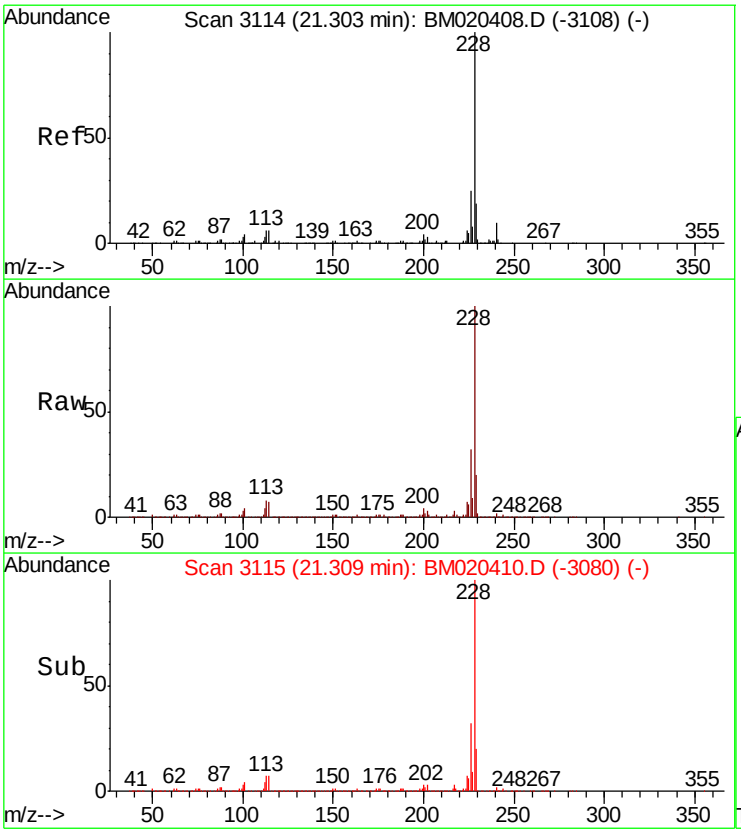
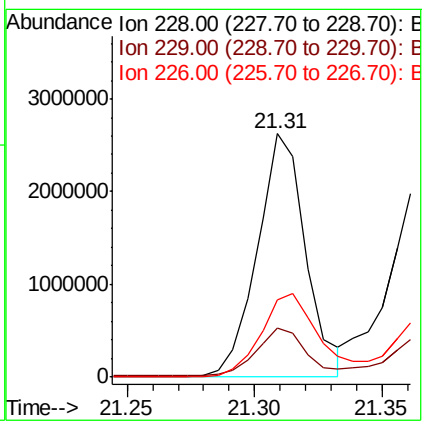
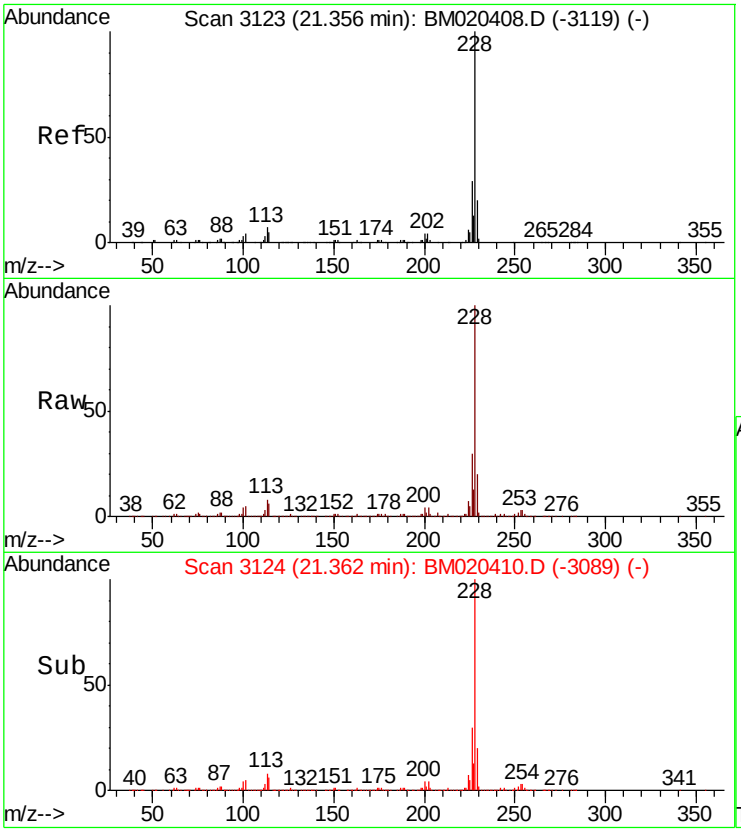


#82
Benzo(a)anthracene
Concen: 132.750 ng/ul m
RT: 21.31 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:228 Resp: 3474149

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	31.9	20.6	30.8#

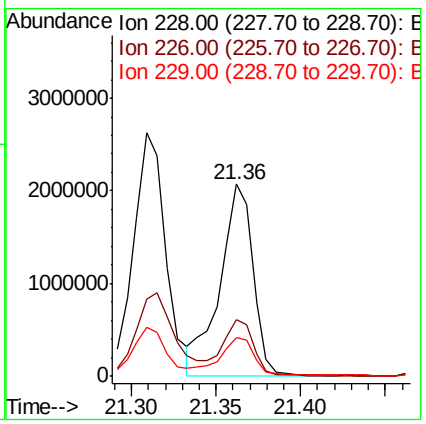




#84
Chrysene
Concen: 112.797 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:228 Resp: 2821044

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	20.5	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
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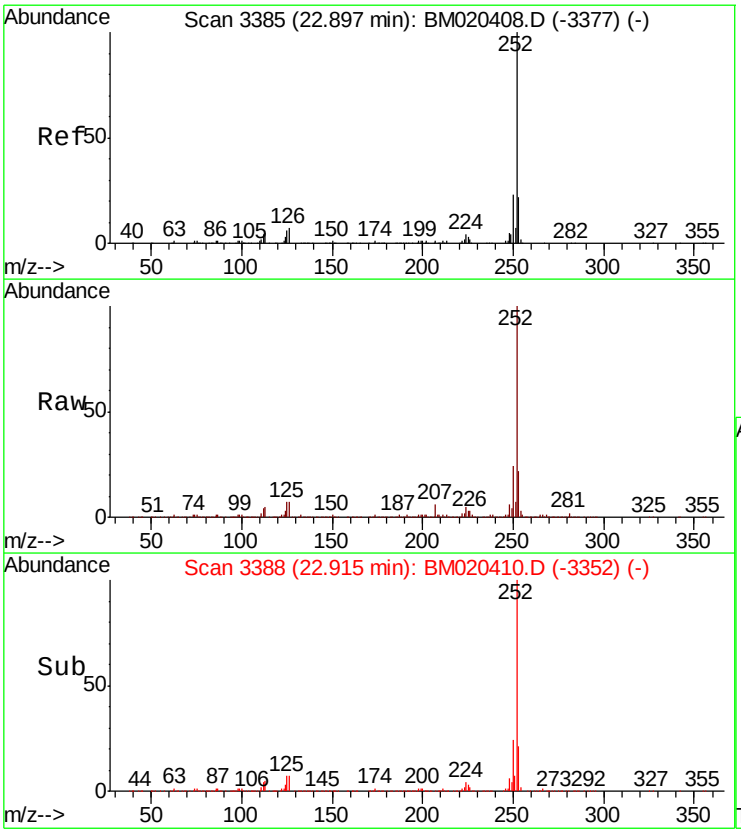
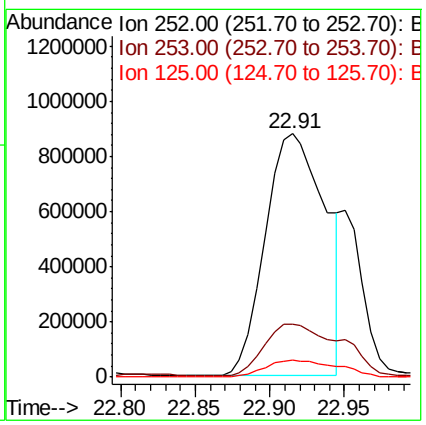
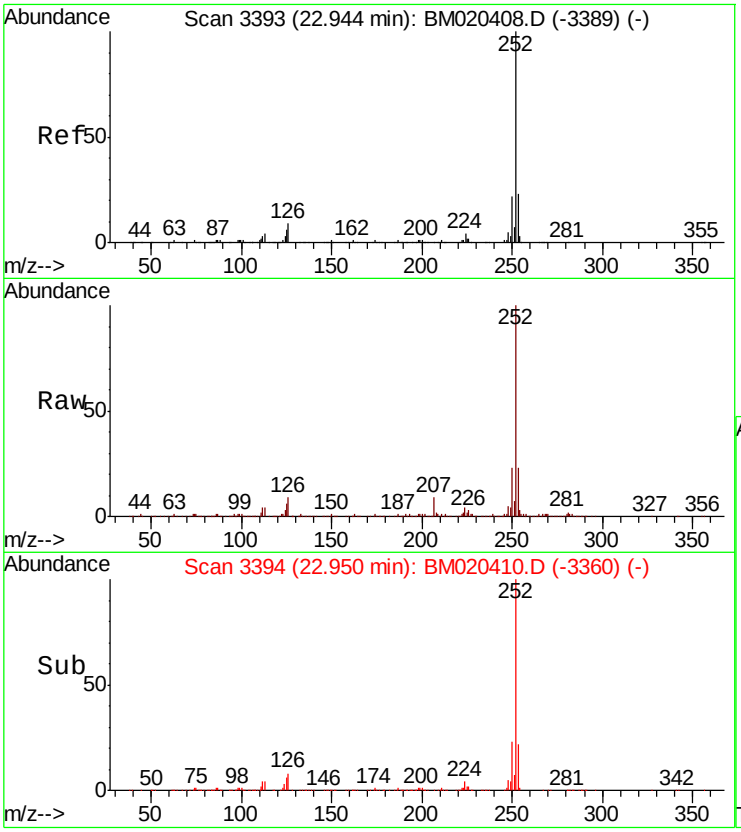


#87
Benzo(b)fluoranthene
Concen: 87.647 ng/ul
RT: 22.91 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:252 Resp: 2469492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	6.9	5.0	7.4

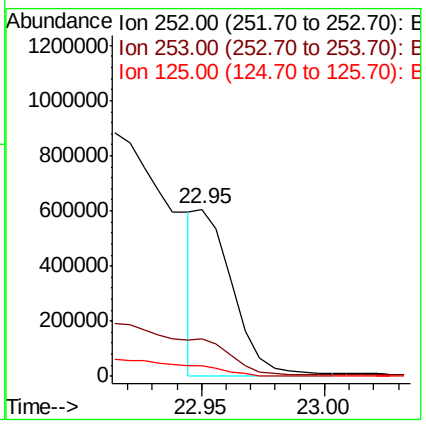




#88
Benzo(k)fluoranthene
Concen: 23.086 ng/ul m
RT: 22.95 min Scan# 3394
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:252 Resp: 638901

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.2	5.0	7.6



Instrument :
BNA_M
ClientSampleId :
GAJA5

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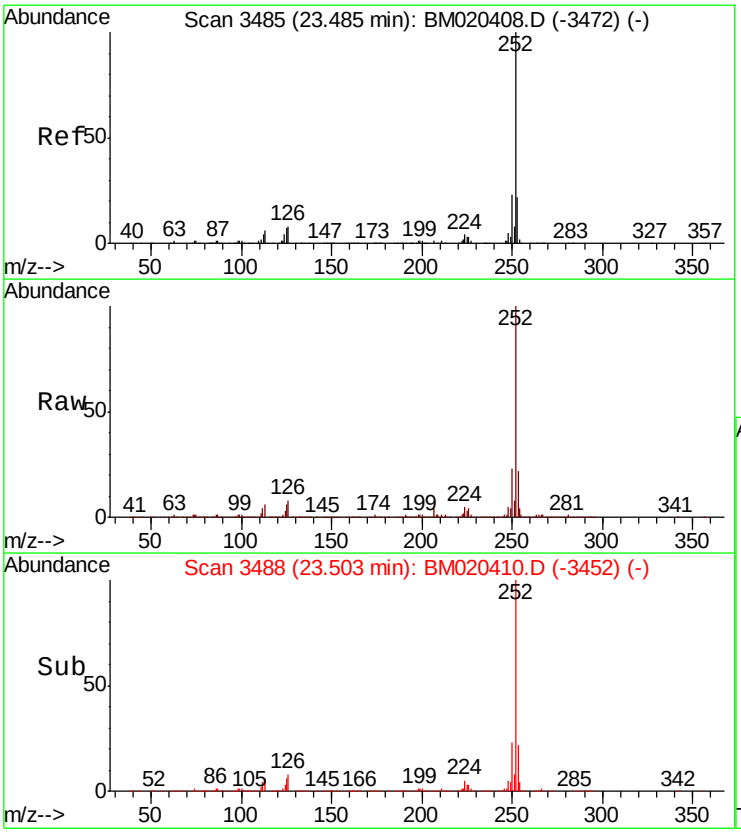
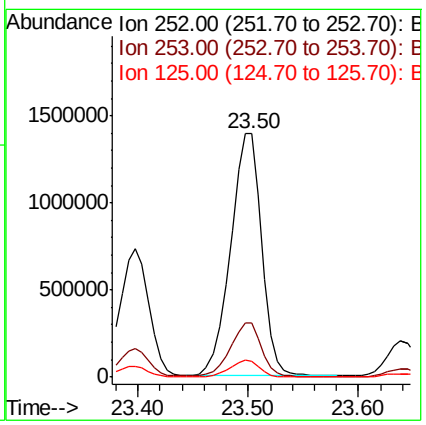
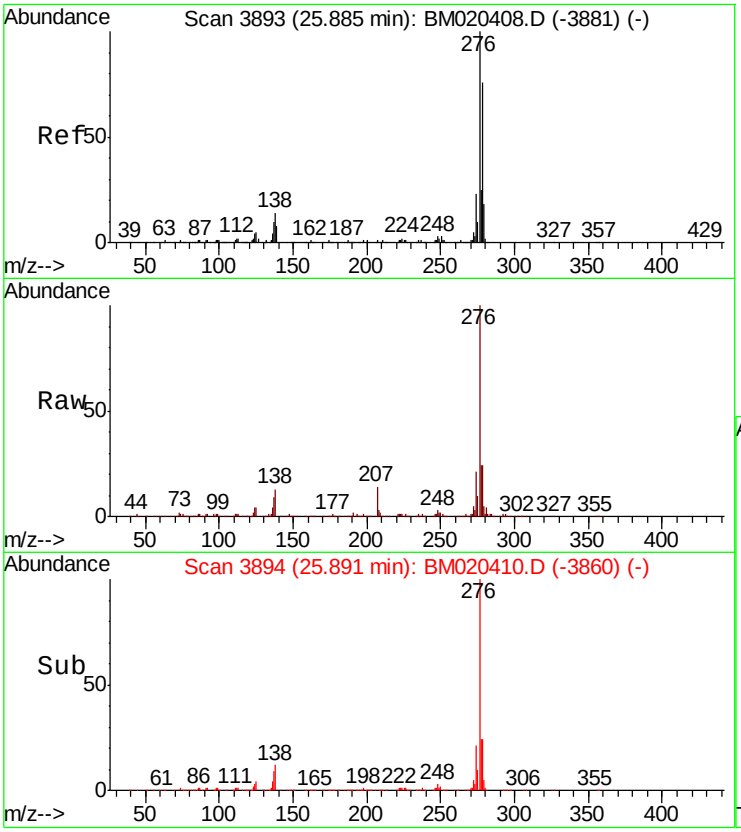


#90
Benzo(a)pyrene
Concen: 103.142 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:252 Resp: 2734861

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	6.3	5.4	8.2

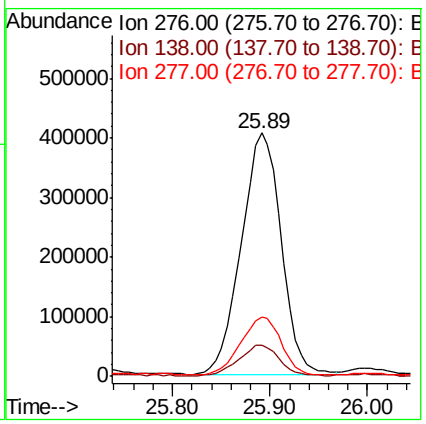




#91
Indeno(1,2,3-cd)pyrene
Concen: 38.437 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.00 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:276 Resp: 1161324

Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.3	18.5
277	24.5	20.0	30.0



Instrument :
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ClientSampleId :
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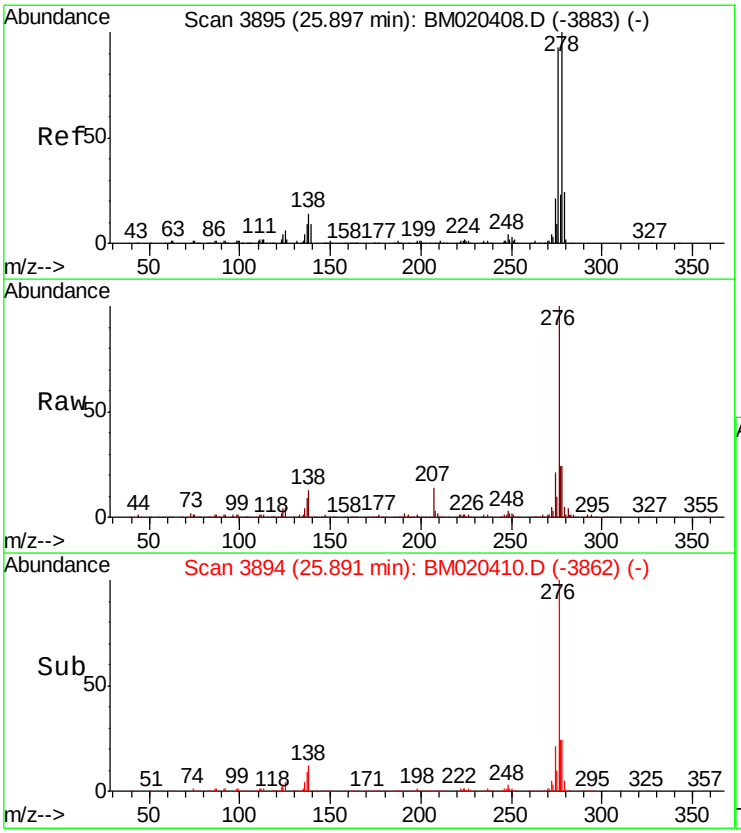
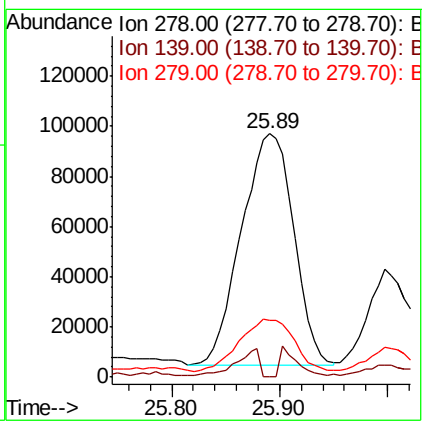
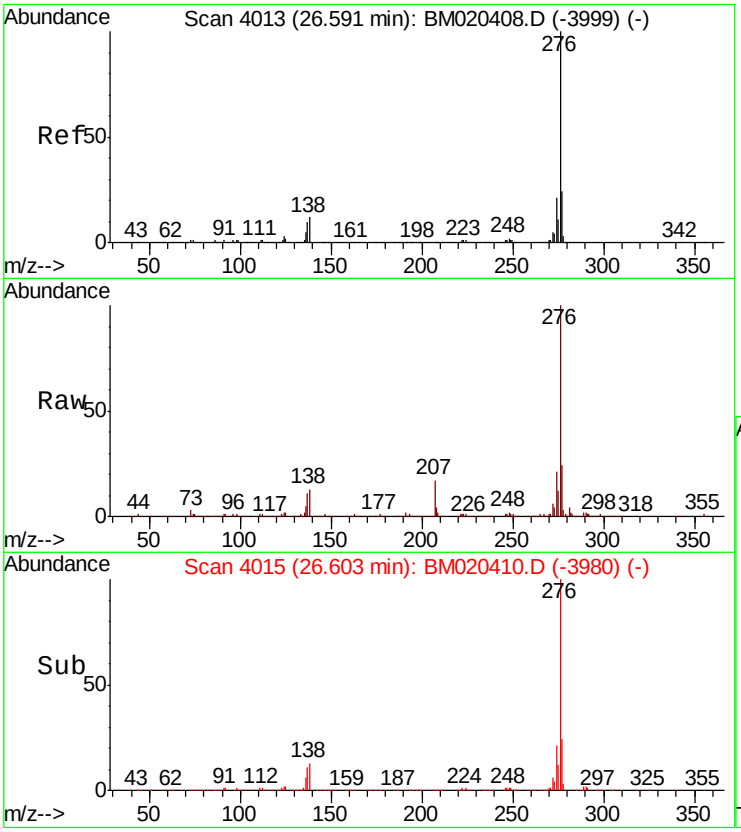


#92
Dibenzo(a,h)anthracene
Concen: 12.126 ng/ul m
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:278 Resp: 313307

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.1	12.1#
279	23.1	18.7	28.1

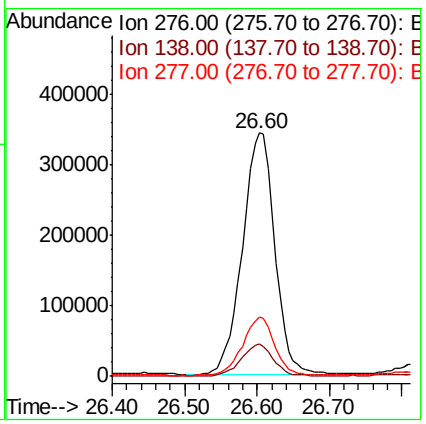




#93
Benzo(g,h,i)perylene
Concen: 42.309 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BM020410.D
Acq: 18 May 2019 22:04

Tgt Ion:276 Resp: 1058141

Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.0	15.0
277	24.3	18.2	27.4



Instrument :
BNA_M
ClientSampleId :
GAJA5

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