Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020407.D
Acq On : 18 May 2019 19:39
Operator : JU/SJ
Sample : K2604-20MEDL2 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91MEDL2

Manual Integrations APPROVED
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Quant Time: May 20 08:38:28 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	64824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	243156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	146035	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	359095	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	396154	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	446150	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	6.90	99	1459	0.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	1107m	0.34	ng/ul	0.02
9) 2-Chlorophenol-d4	7.26	132	1406	0.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	254	0.07	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.17	165	290	0.08	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.79	166	6544	0.62	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	7667	0.58	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.37	176	7467	0.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	9873	0.64	ng/ul	0.00
78) Pyrene-d10	19.53	212	11975	0.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	12892	0.64	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.57	128	679256	60.802	ng/ul	100
34) 2-Methylnaphthalene	12.19	142	258138	31.913	ng/ul	99
40) 1,1'-Biphenyl	13.21	154	30445	2.912	ng/ul	98
47) Acenaphthylene	14.10	152	194797	15.718	ng/ul	97
49) Acenaphthene	14.45	153	12081	1.418	ng/ul#	88
58) Fluorene	15.43	166	86254	8.345	ng/ul	99
69) Phenanthrene	17.17	178	445788	26.054	ng/ul	98
71) Anthracene	17.26	178	86457	4.967	ng/ul	99
76) Fluoranthene	19.19	202	165096	7.639	ng/ul	98
79) Pyrene	19.56	202	244704	10.291	ng/ul	99
82) Benzo(a)anthracene	21.30	228	88270m	3.702	ng/ul	
84) Chrysene	21.36	228	77016m	3.380	ng/ul	
87) Benzo(b)fluoranthene	22.90	252	52106	2.046	ng/ul#	98
90) Benzo(a)pyrene	23.49	252	63329	2.643	ng/ul	99
93) Benzo(g,h,i)perylene	26.58	276	24953	1.104	ng/ul#	86

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

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Instrument :
BNA_M
ClientSampleId :
GAJ91MEDL2

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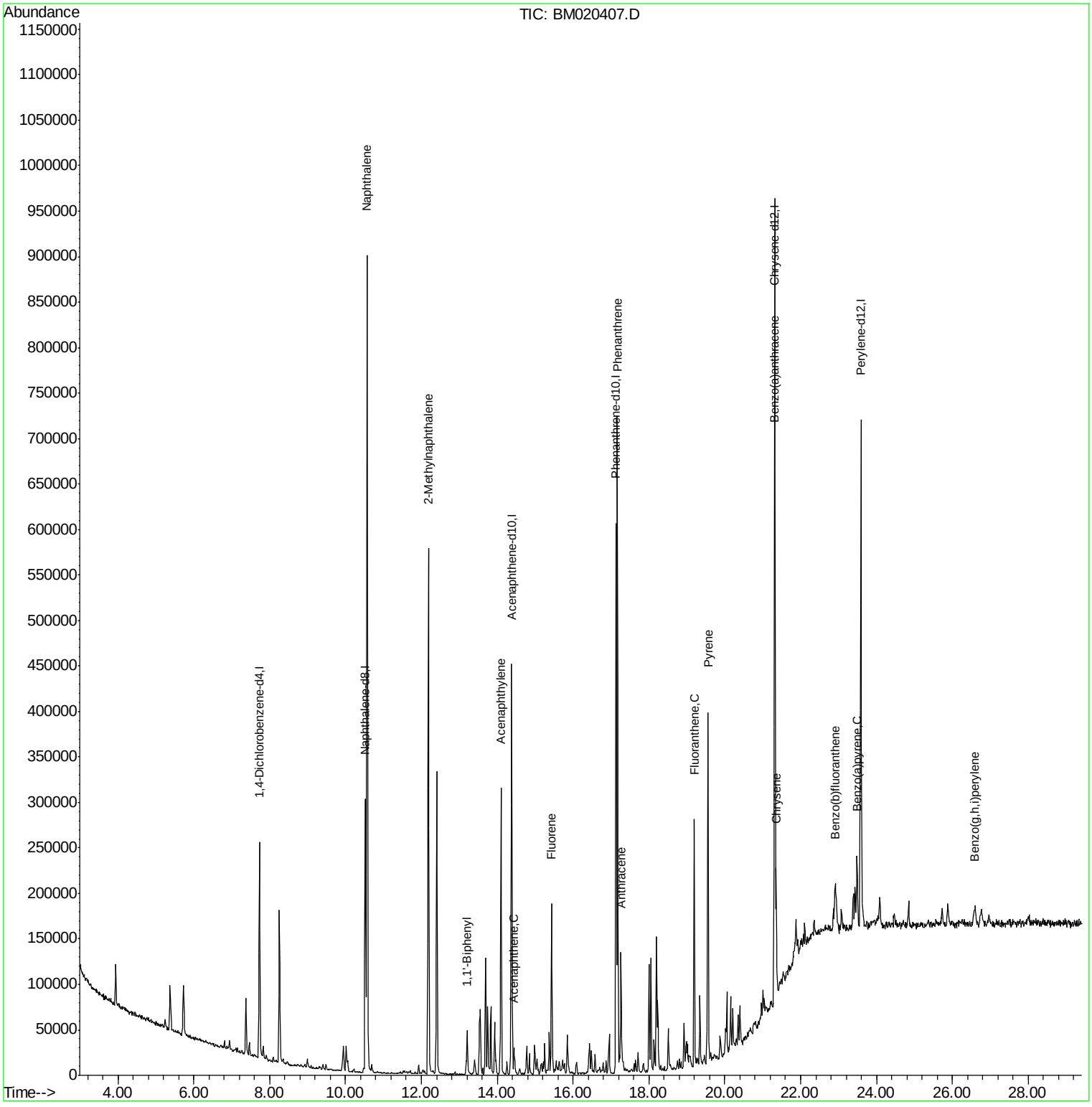
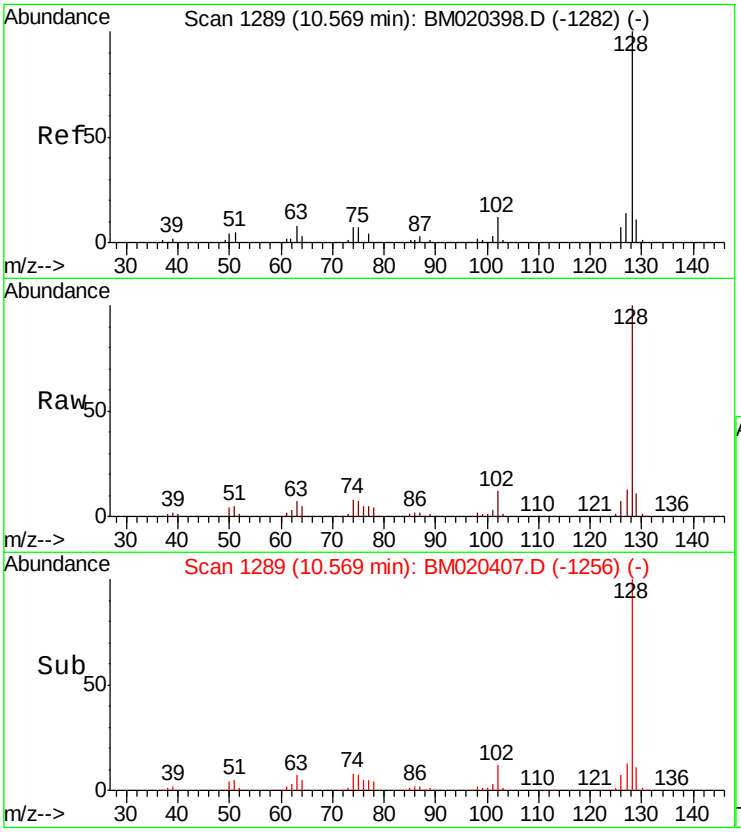
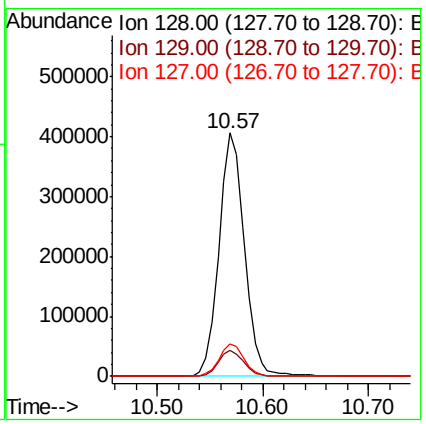




#28
Naphthalene
Concen: 60.802 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:128 Resp: 679256

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.6	15.8



Instrument :
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ClientSampleId :
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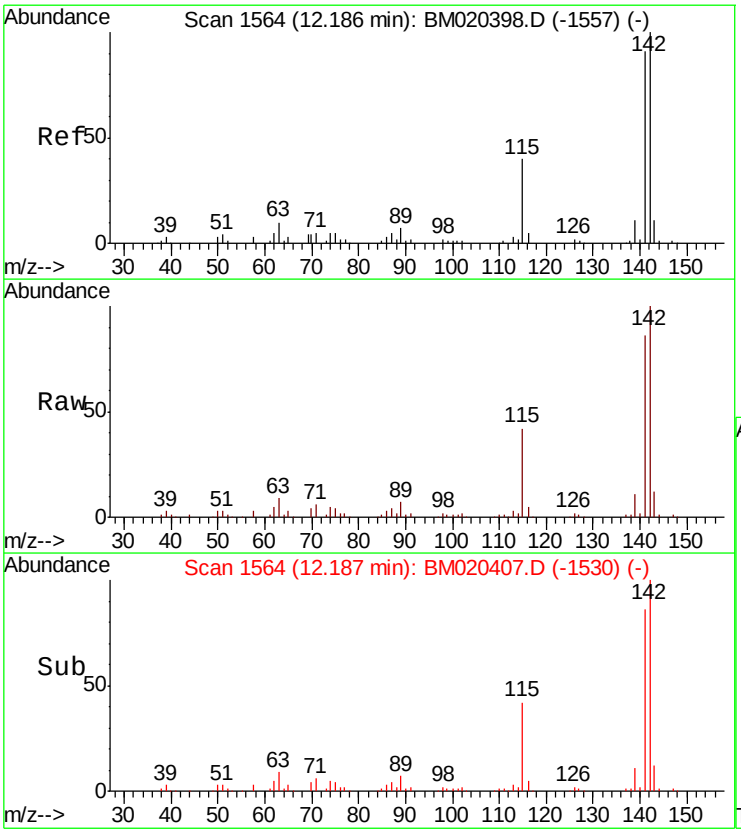
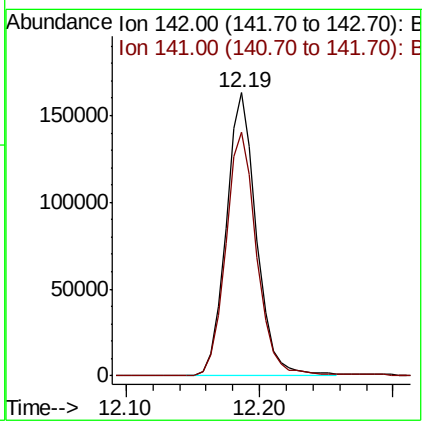
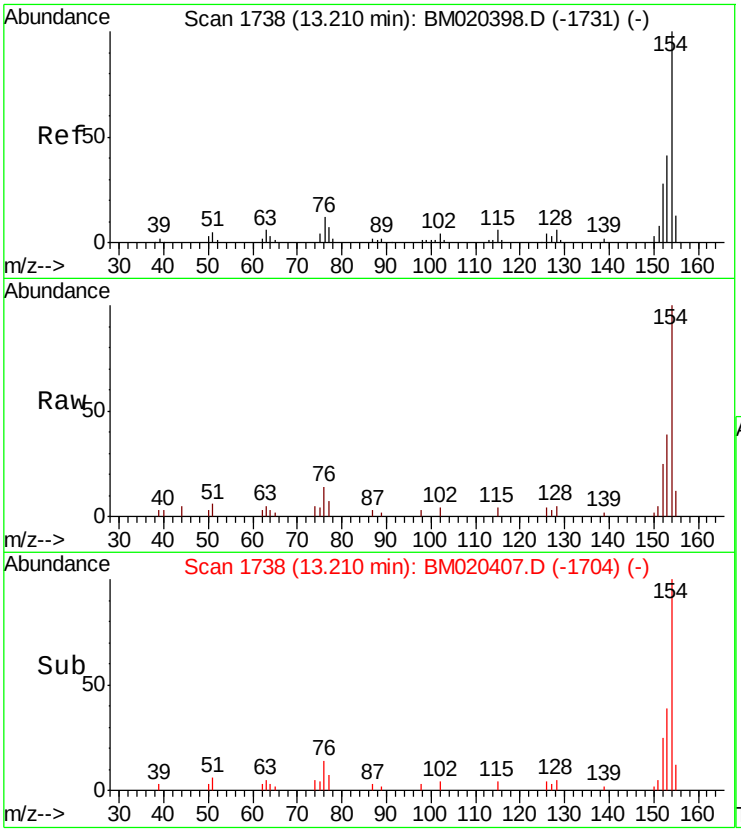


#34
2-Methylnaphthalene
Concen: 31.913 ng/ul
RT: 12.19 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:142 Resp: 258138

Ion	Ratio	Lower	Upper
142	100		
141	86.3	68.6	102.8

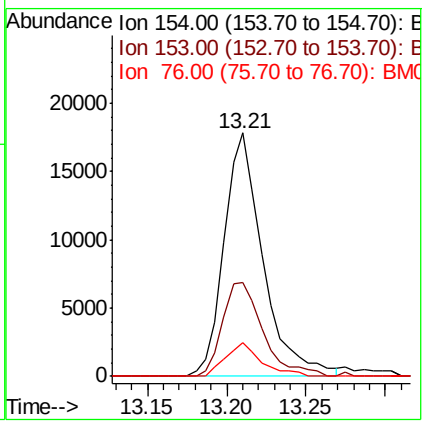




#40
1,1'-Biphenyl
Concen: 2.912 ng/ul
RT: 13.21 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:154 Resp: 30445

Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.2	48.4
76	13.6	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
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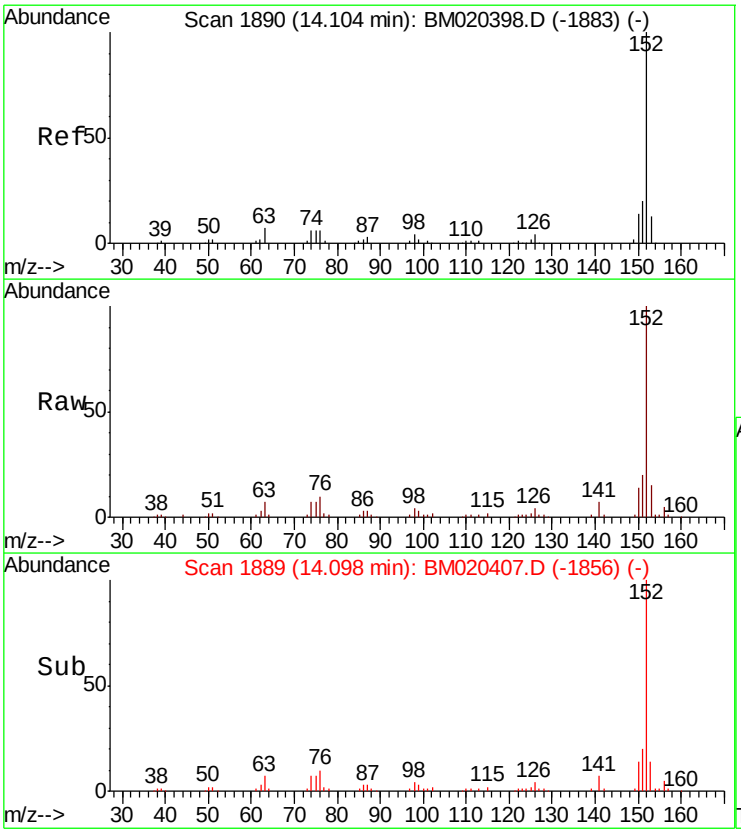
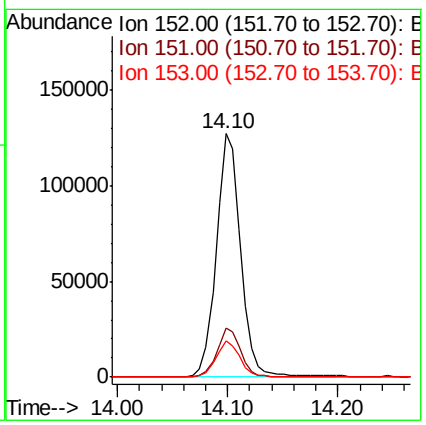
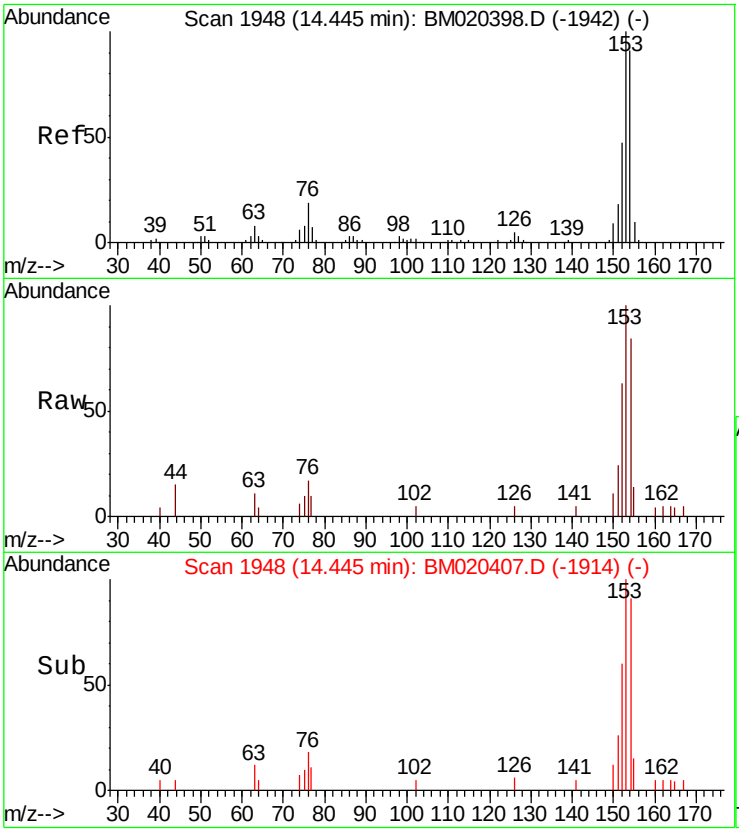


#47
Acenaphthylene
Concen: 15.718 ng/ul
RT: 14.10 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:152 Resp: 194797

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0
153	14.7	10.3	15.5

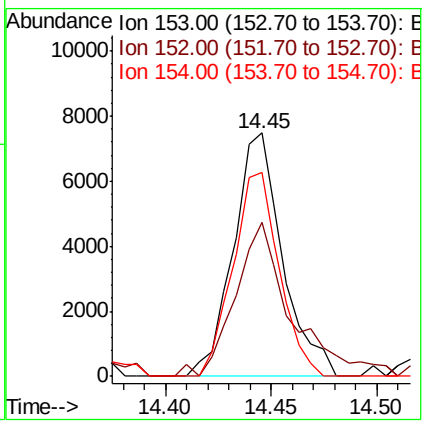




#49
Acenaphthene
Concen: 1.418 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:153 Resp: 12081

Ion	Ratio	Lower	Upper
153	100		
152	63.1	37.9	56.9#
154	83.9	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
GAJ91MEDL2

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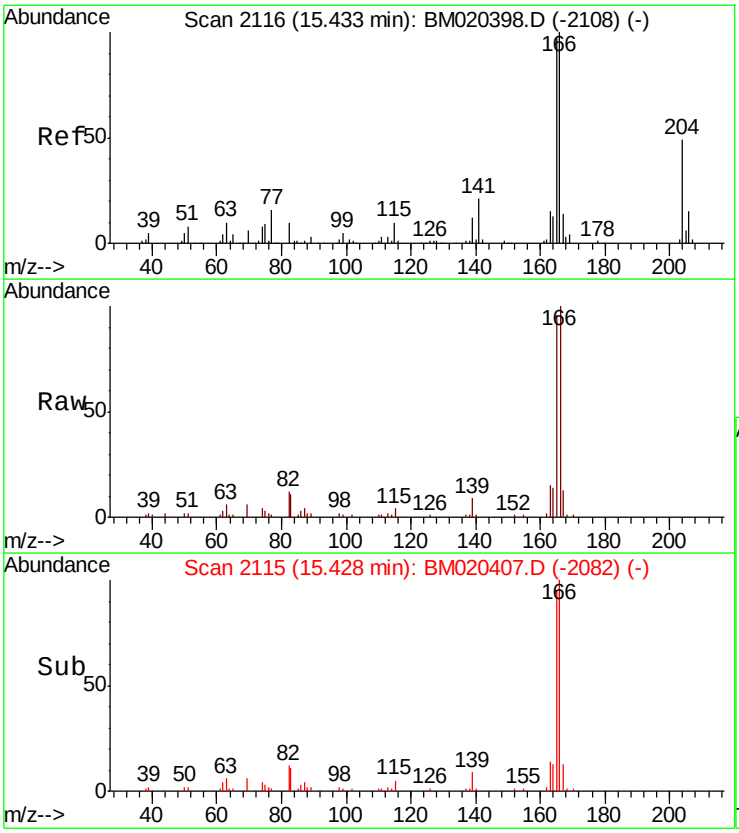
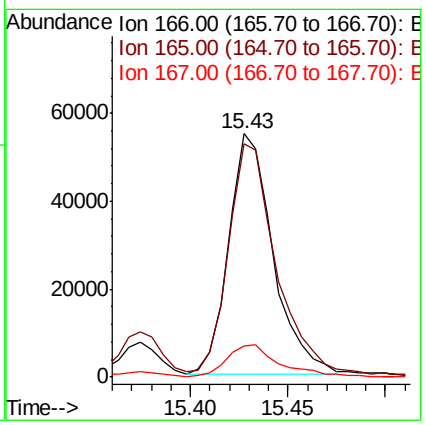
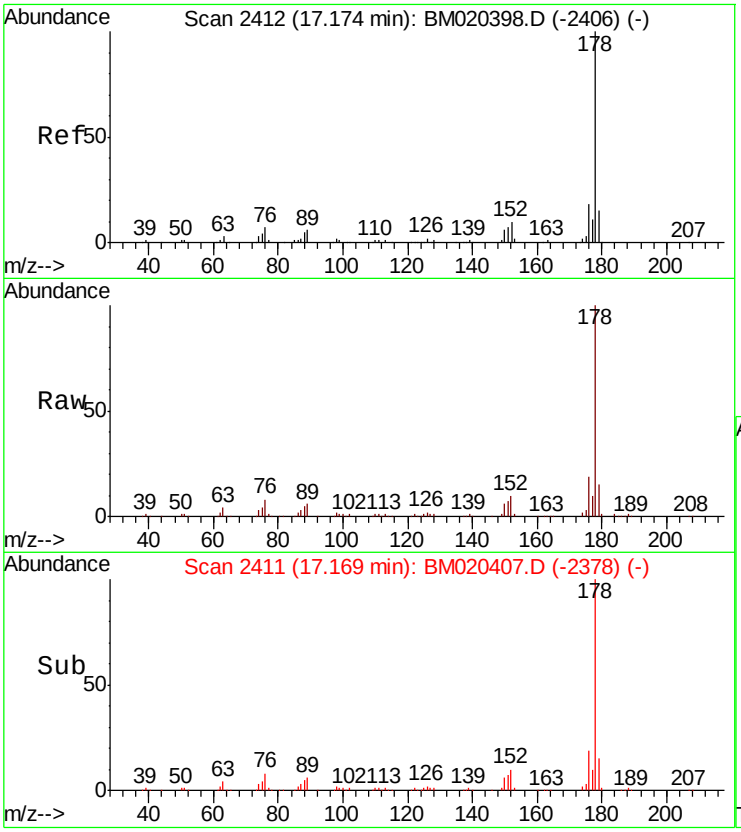


#58
Fluorene
Concen: 8.345 ng/ul
RT: 15.43 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:166 Resp: 86254

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.1	115.7
167	12.8	11.1	16.7

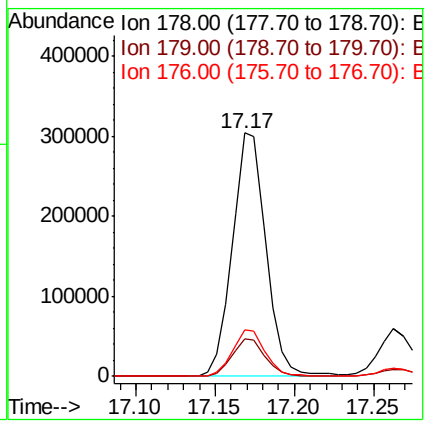




#69
Phenanthrene
Concen: 26.054 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:178 Resp: 445788

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	19.3	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
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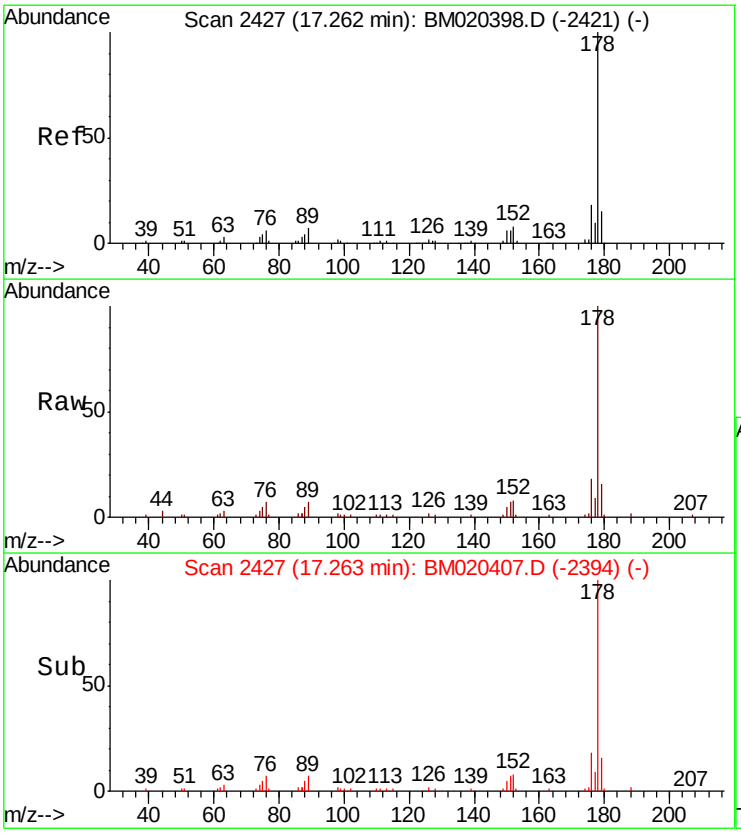
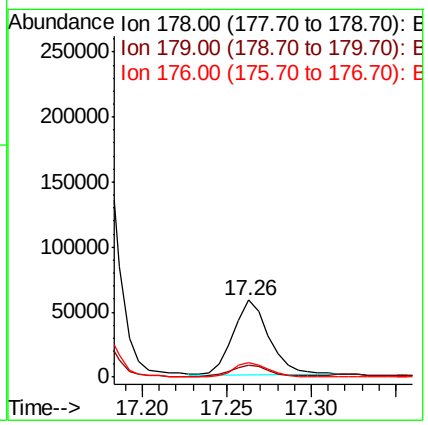
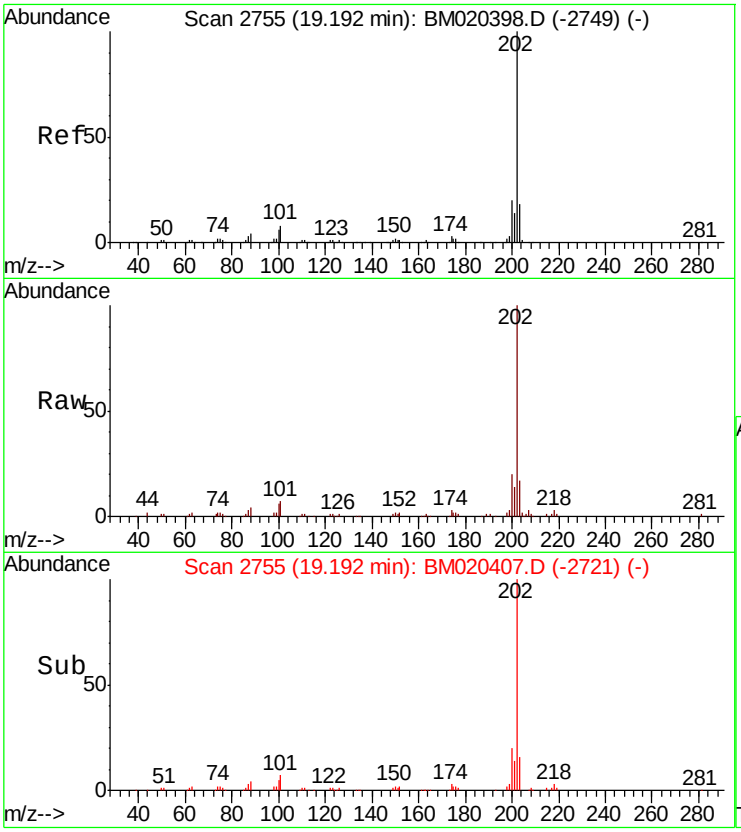


#71
Anthracene
Concen: 4.967 ng/ul
RT: 17.26 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:178 Resp: 86457

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.4	14.4	21.6

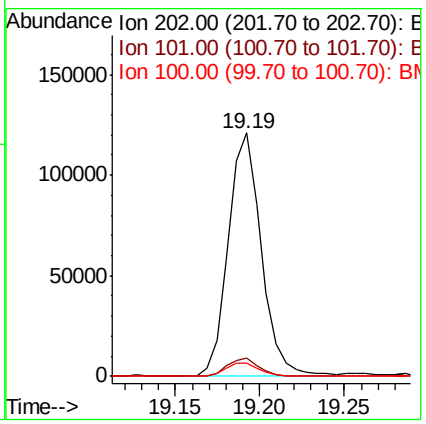




#76
Fluoranthene
Concen: 7.639 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:202 Resp: 165096

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.4	9.6
100	5.6	5.2	7.8



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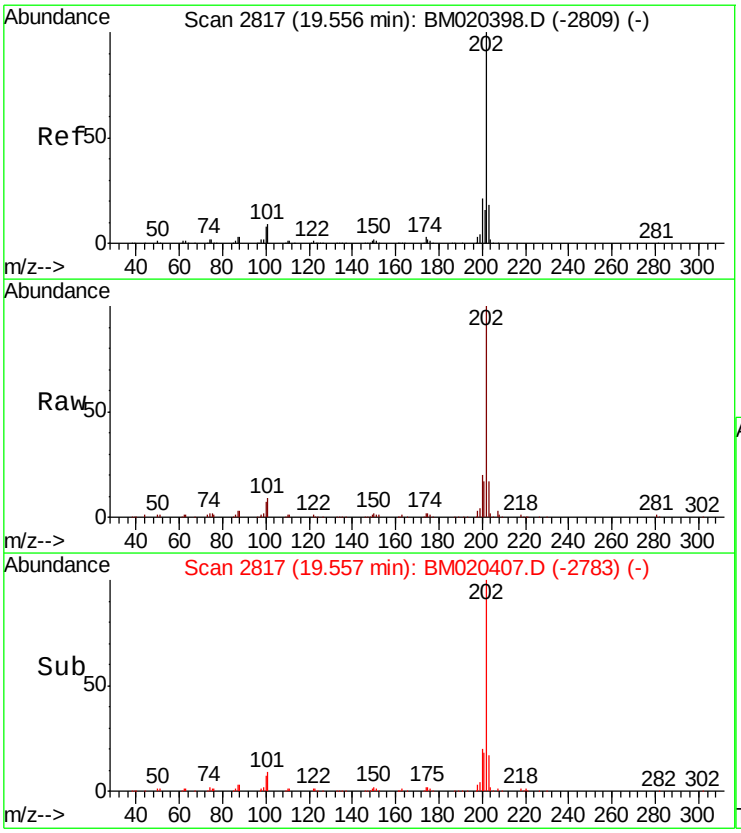
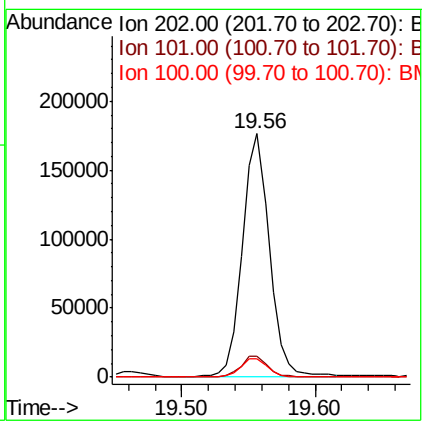
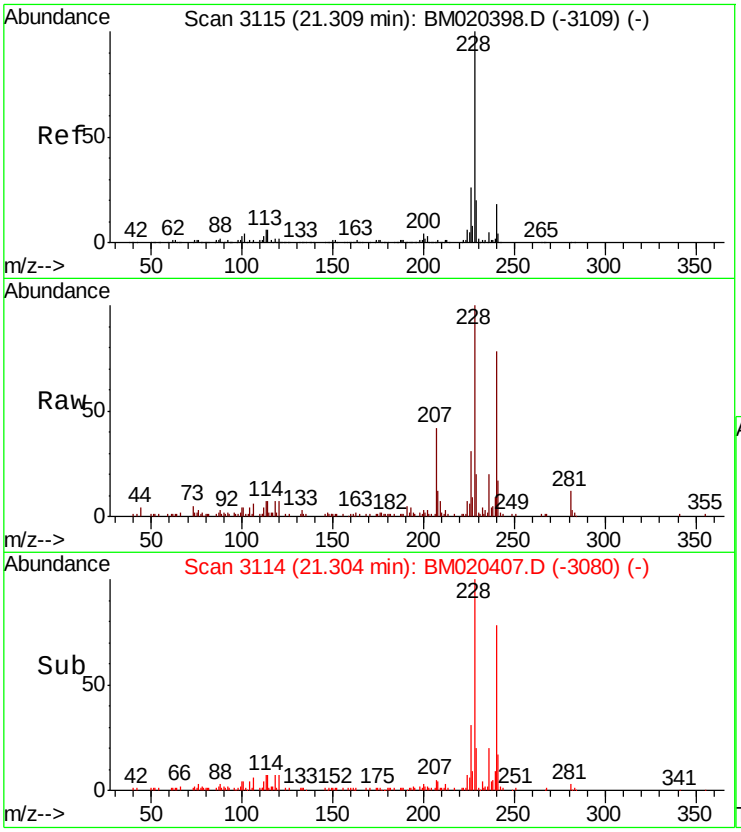


#79
Pyrene
Concen: 10.291 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:202 Resp: 244704

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.1	10.7
100	7.3	5.9	8.9





#82
Benzo(a)anthracene
Concen: 3.702 ng/ul m
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:228 Resp: 88270

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	31.1	20.6	30.8#

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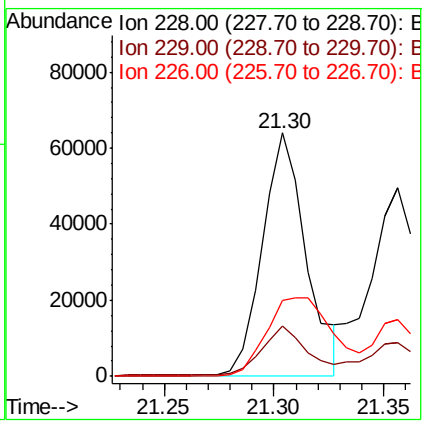
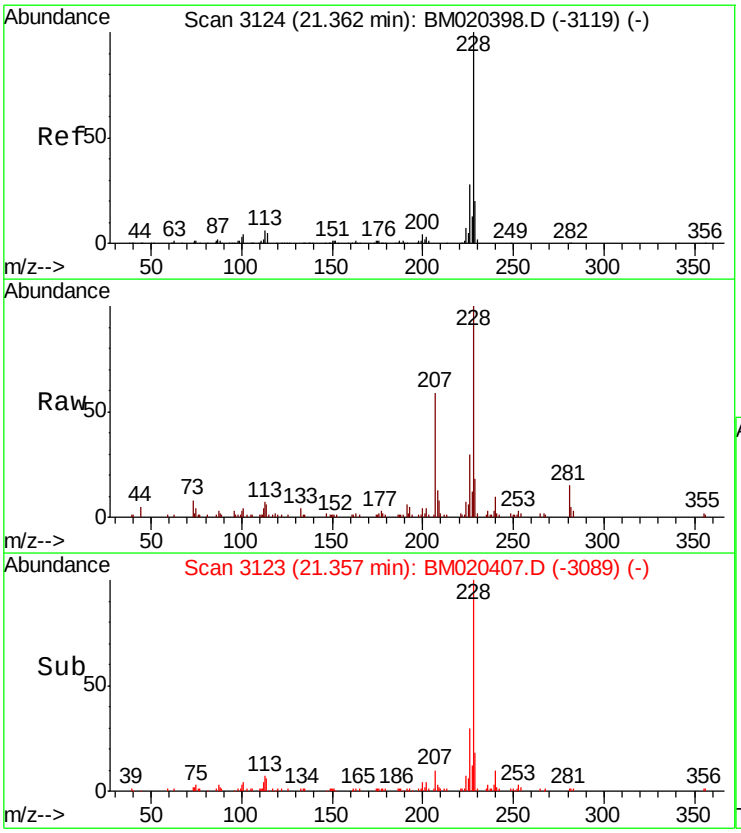
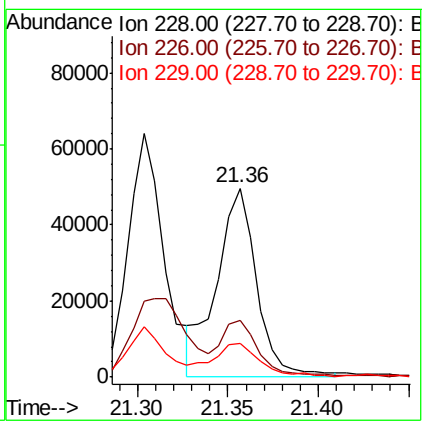


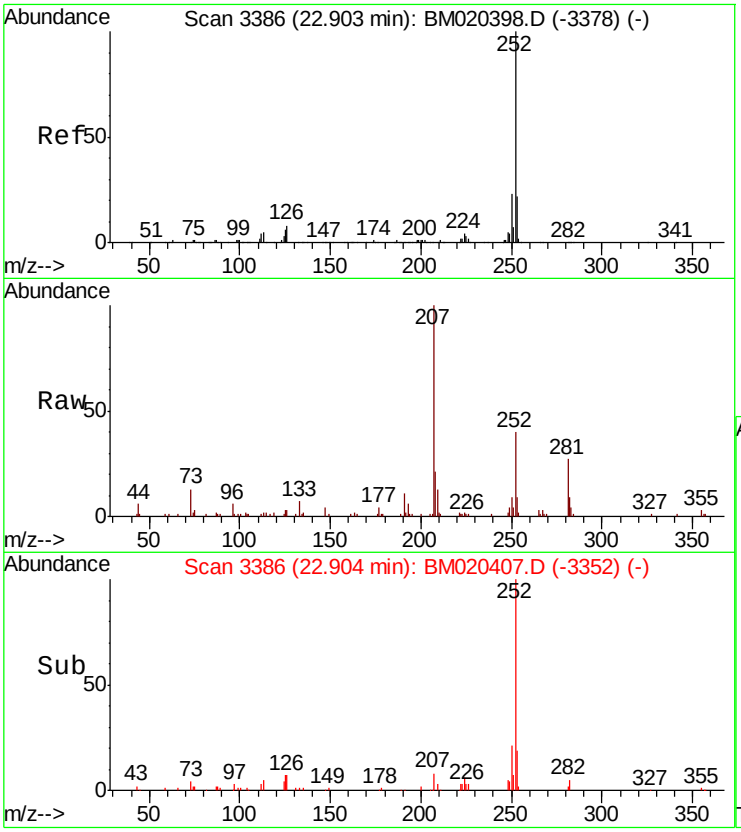


#84
Chrysene
Concen: 3.380 ng/ul m
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:228 Resp: 77016

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	18.0	15.4	23.2

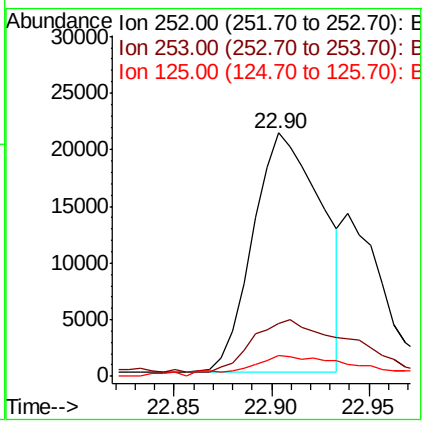




#87
Benzo(b)fluoranthene
Concen: 2.046 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:252 Resp: 52106

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	8.8	5.0	7.4#



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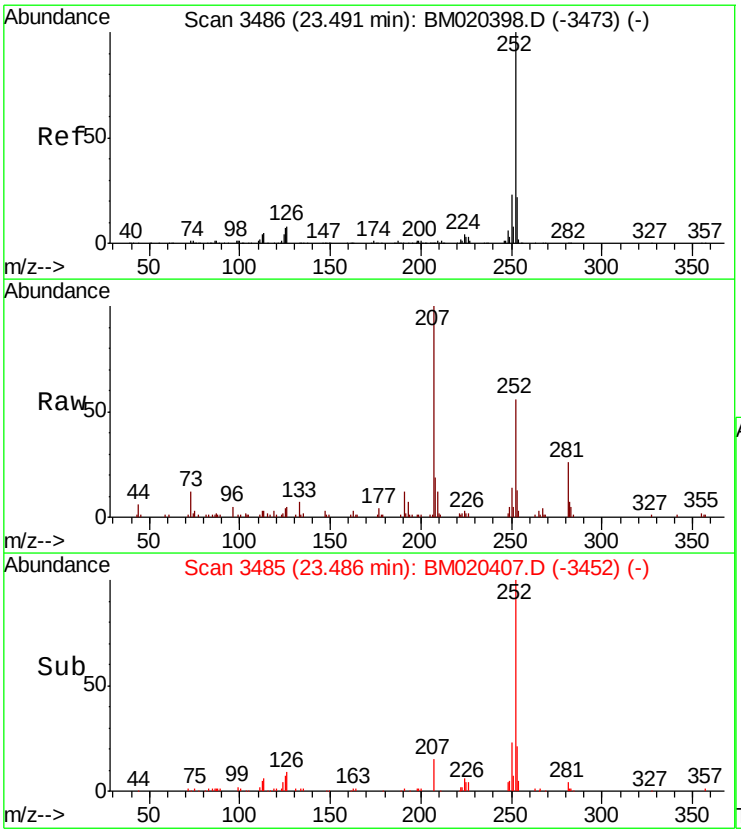
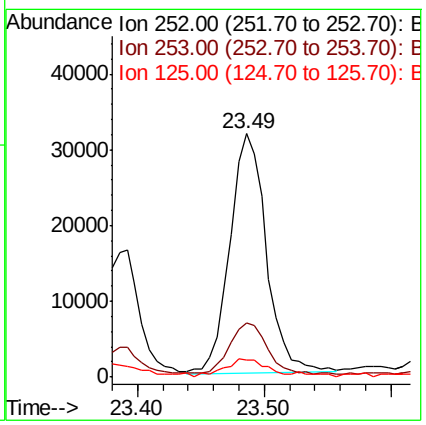
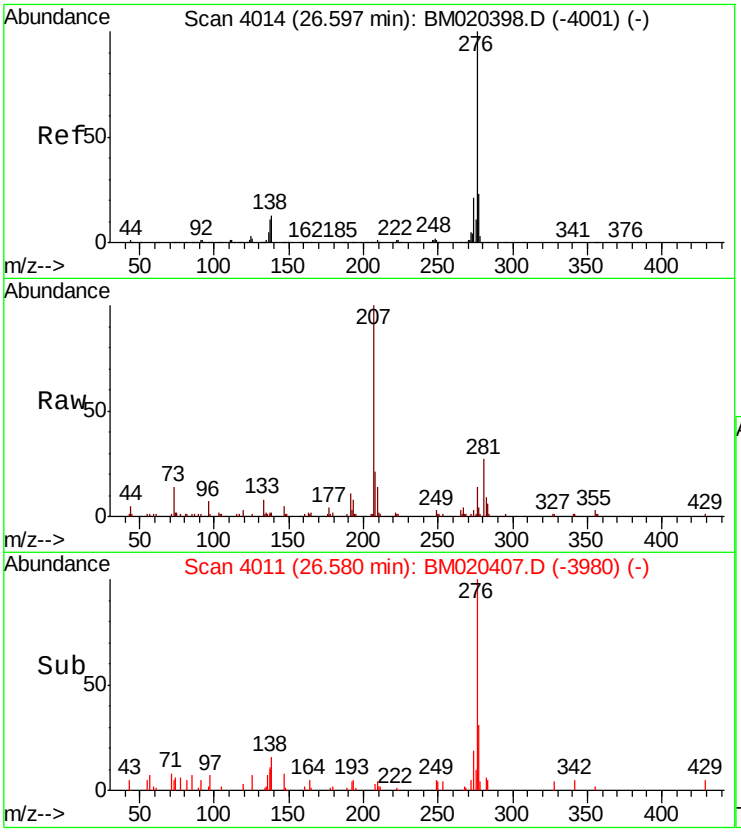


#90
Benzo(a)pyrene
Concen: 2.643 ng/ul
RT: 23.49 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:252 Resp: 63329

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.8	5.4	8.2

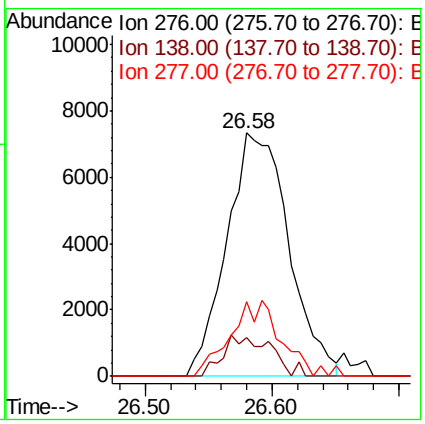




#93
Benzo(g,h,i)perylene
Concen: 1.104 ng/ul
RT: 26.58 min Scan# 4011
Delta R.T. -0.02 min
Lab File: BM020407.D
Acq: 18 May 2019 19:39

Tgt Ion:276 Resp: 24953

Ion	Ratio	Lower	Upper
276	100		
138	15.9	10.0	15.0#
277	30.8	18.2	27.4#



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