Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031399.D
Acq On : 03 Aug 2021 06:13
Operator : CG/JU
Sample : M3123-12DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0073DL

Manual Integrations APPROVED
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8/3/2021 11:51:23 AM

Quant Time: Aug 03 07:19:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1606	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6327	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3744	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7118	0.40	ng/ul	0.00
17) Chrysene-d12	21.168	240	5339	0.40	ng/ul	0.00
23) Perylene-d12	23.328	264	5137	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	470	0.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	213	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	404	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.410	128	3652	0.19	ng/ul	97
7) 2-Methylnaphthalene	12.029	142	3183	0.25	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	2267	0.18	ng/ul	98
10) Acenaphthylene	13.950	152	431	0.03	ng/ul#	58
15) Phenanthrene	17.020	178	18096	0.80	ng/ul	98
16) Anthracene	17.110	178	958	0.05	ng/ul#	78
19) Fluoranthene	19.039	202	13891	0.61	ng/ul#	95
20) Pyrene	19.401	202	12058	0.52	ng/ul	96
21) Benzo(a)anthracene	21.151	228	5654	0.26	ng/ul#	85
22) Chrysene	21.202	228	12354	0.55	ng/ul#	94
24) Benzo(b)fluoranthene	22.686	252	9266m	0.40	ng/ul	
25) Benzo(k)fluoranthene	22.723	252	2222m	0.09	ng/ul	
26) Benzo(a)pyrene	23.232	252	3519	0.17	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.463	276	3118	0.12	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.475	278	1322	0.06	ng/ul#	34

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

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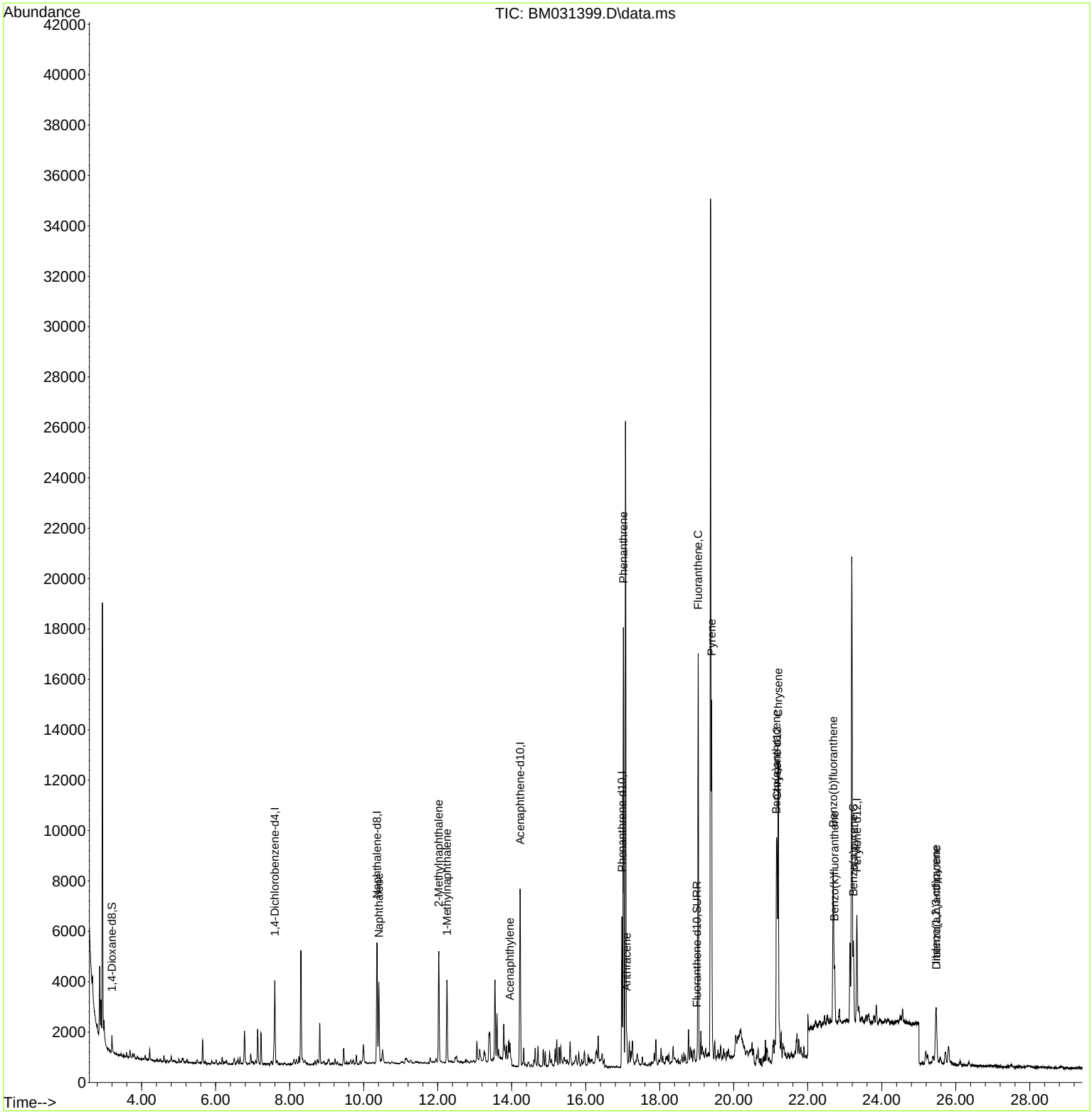
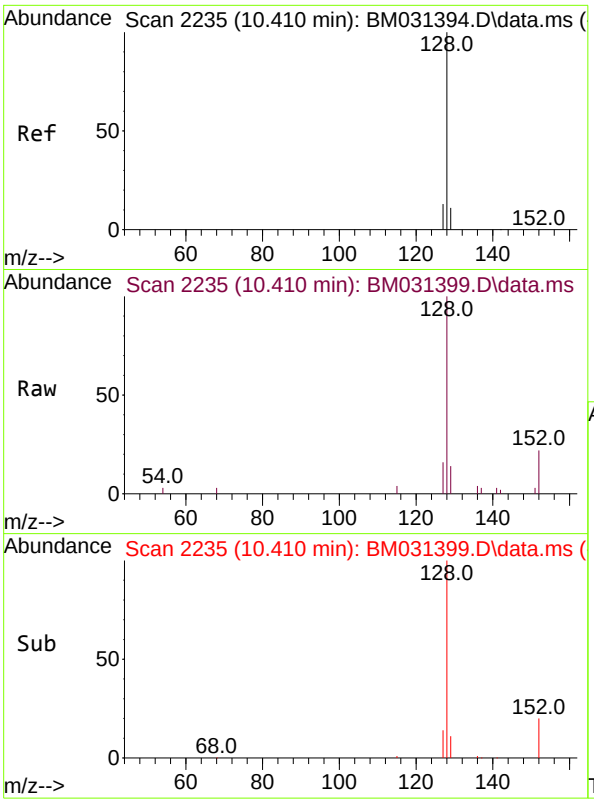
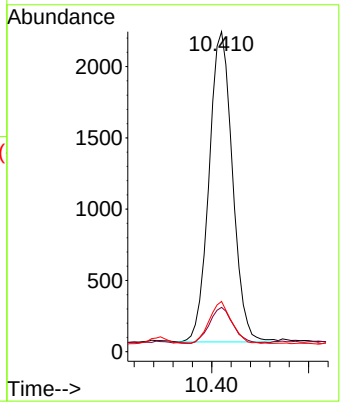




#5
Naphthalene
Concen: 0.19 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:128 Resp: 3652

Ion	Ratio	Lower	Upper
128	100		
129	13.9	10.0	15.0
127	15.7	11.6	17.4



Instrument :
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ClientSampleId :
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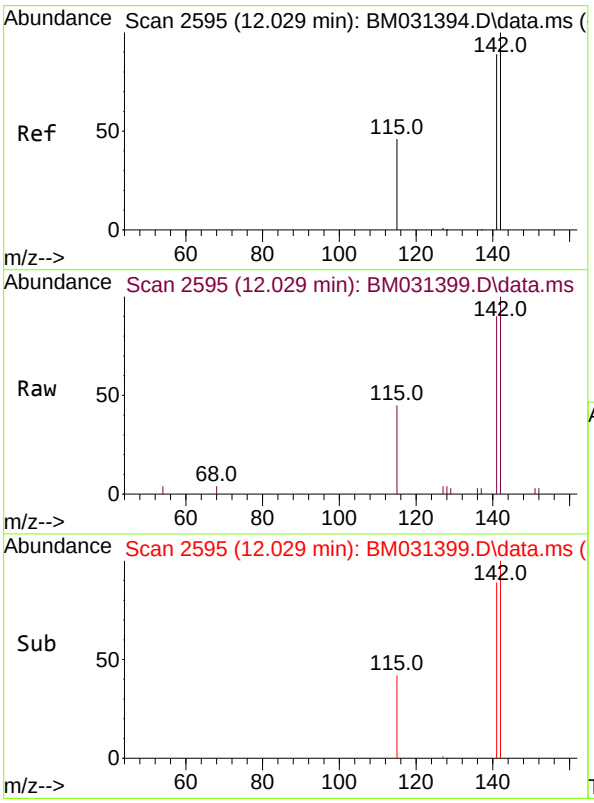
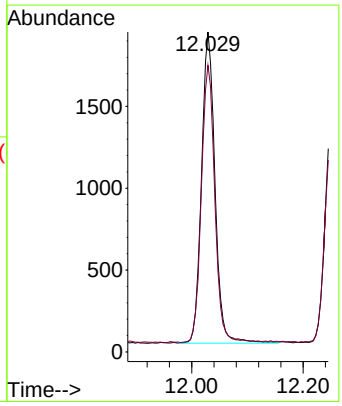
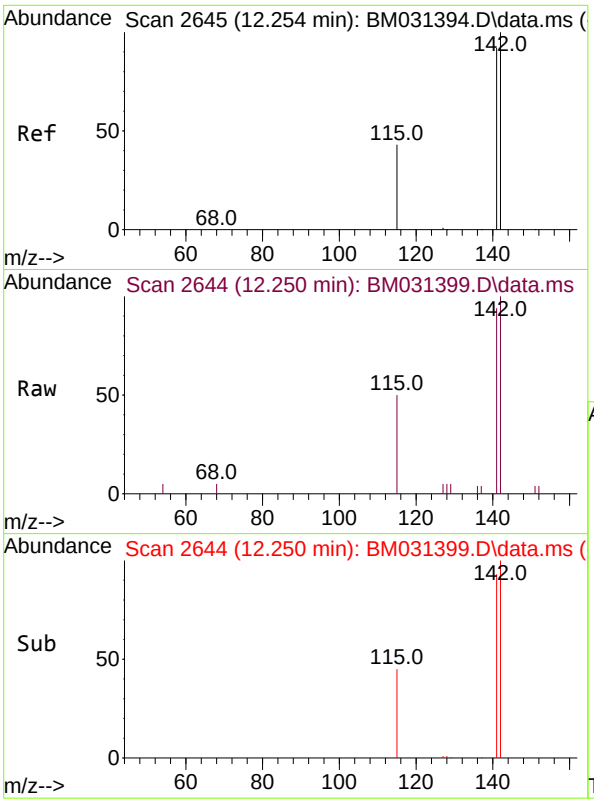


#7
2-Methylnaphthalene
Concen: 0.25 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:142 Resp: 3183

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0

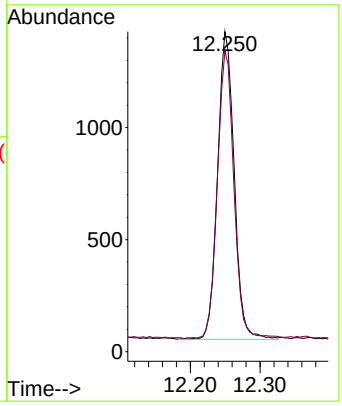




#8
1-Methylnaphthalene
Concen: 0.18 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:142 Resp: 2267

Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.1	111.1



Instrument :
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ClientSampleId :
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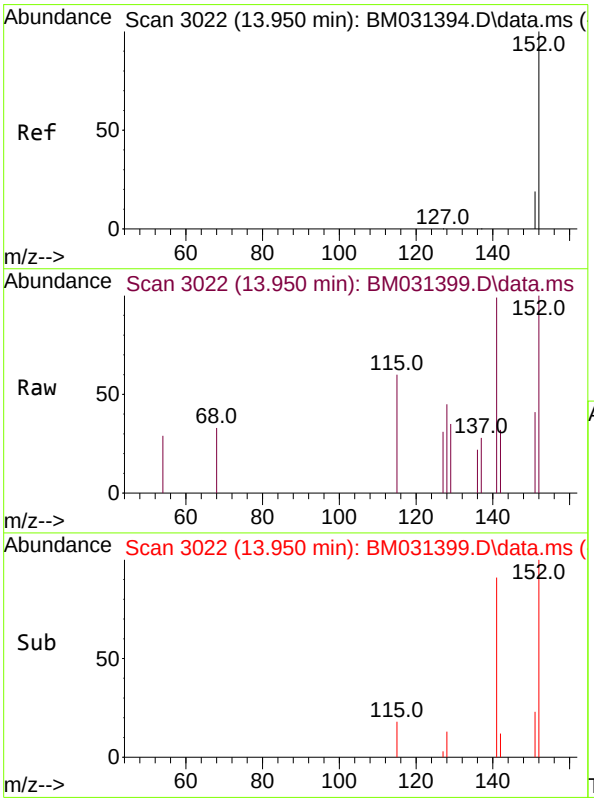
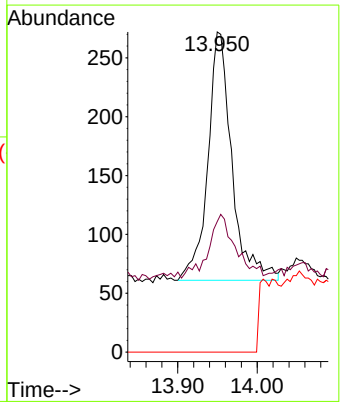
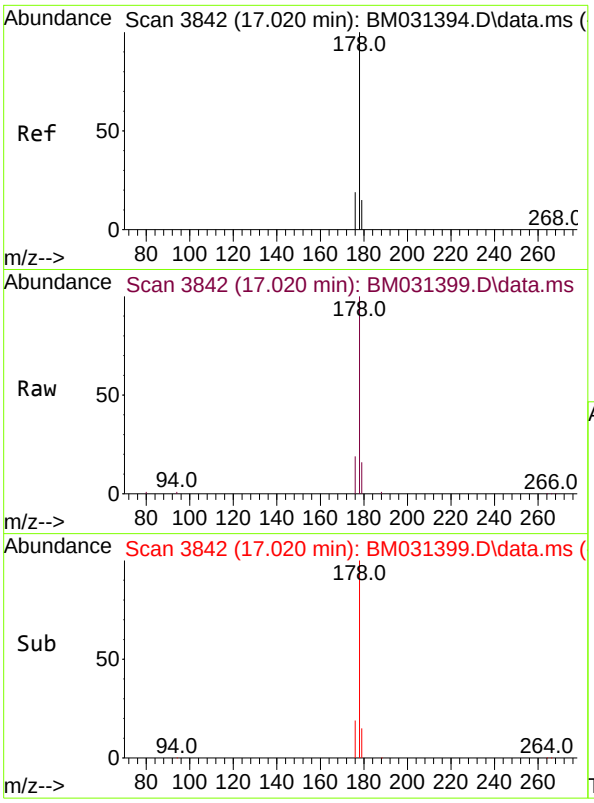


#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:152 Resp: 431

Ion	Ratio	Lower	Upper
152	100		
151	40.8	16.9	25.3#
153	0.0	0.0	0.0

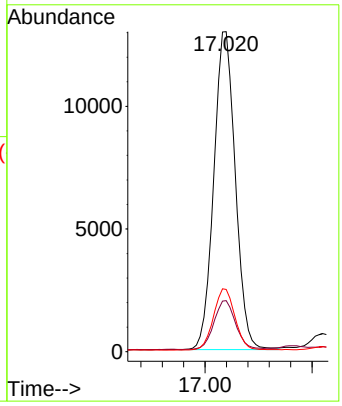


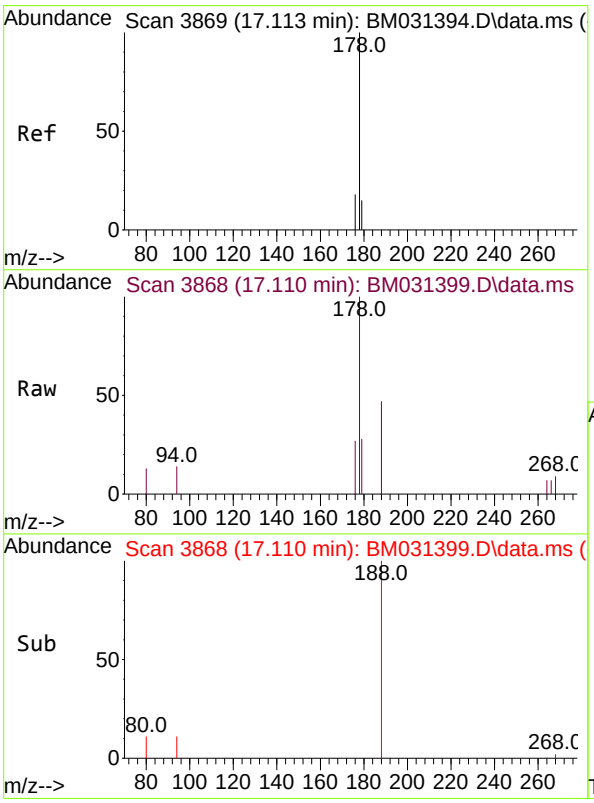


#15
Phenanthrene
Concen: 0.80 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:178 Resp: 18096

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	19.4	16.2	24.4

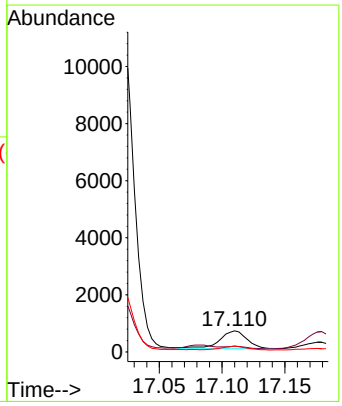




#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:178 Resp: 958

Ion	Ratio	Lower	Upper
178	100		
179	28.2	13.0	19.6#
176	27.2	15.6	23.4#



Instrument :
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ClientSampleId :
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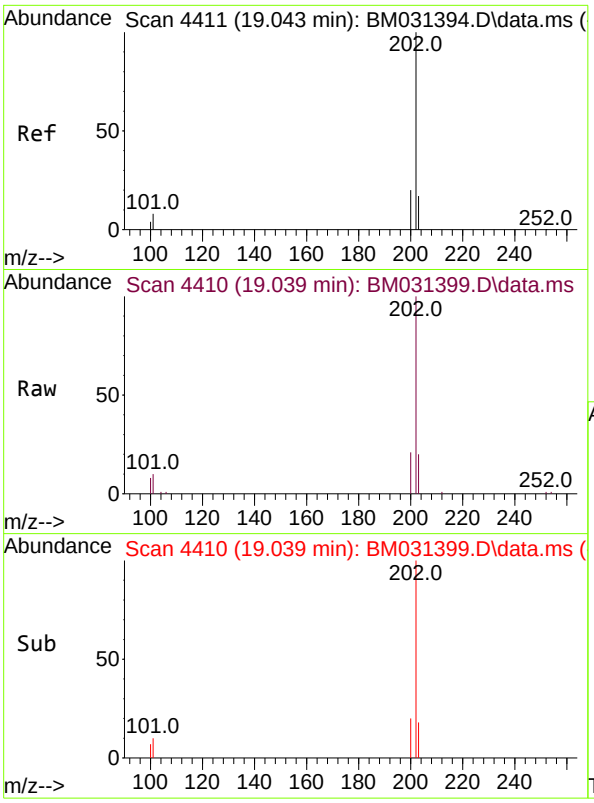
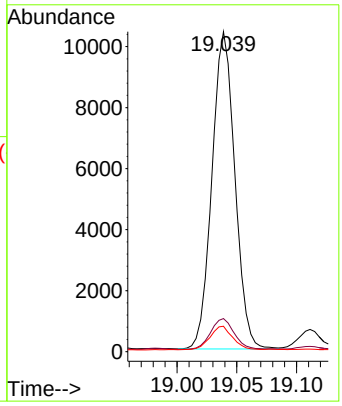
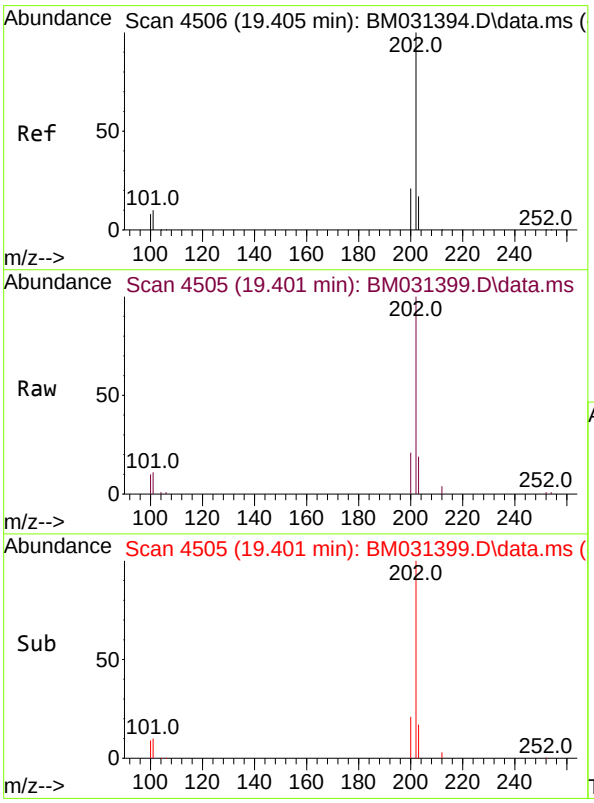


#19
Fluoranthene
Concen: 0.61 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:202 Resp: 13891

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.6	10.0#
100	8.0	5.4	8.0

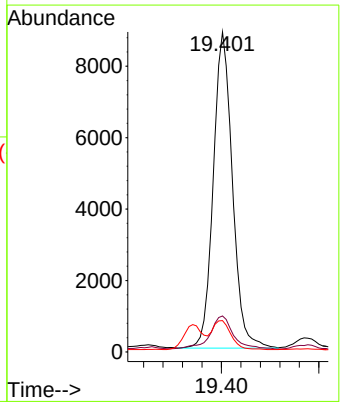




#20
Pyrene
Concen: 0.52 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:202 Resp: 12058

Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.8	11.6
100	9.8	6.6	10.0



Instrument :
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ClientSampleId :
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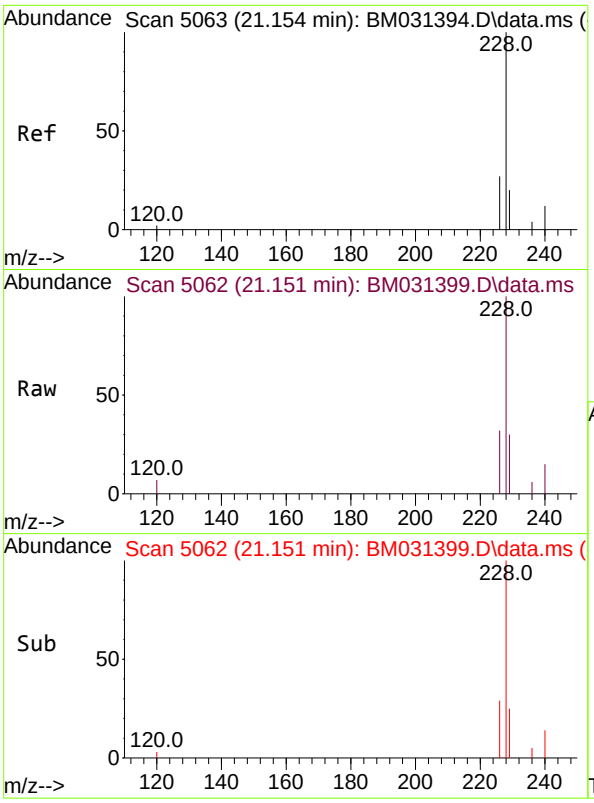
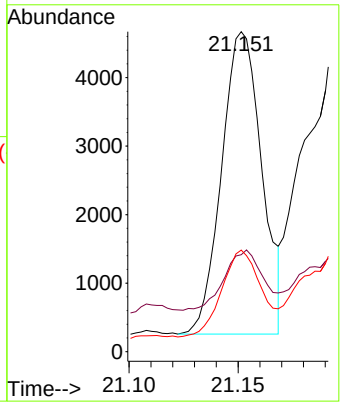


#21
Benzo(a)anthracene
Concen: 0.26 ng/ul
RT: 21.151 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:228 Resp: 5654

Ion	Ratio	Lower	Upper
228	100		
229	30.3	15.6	23.4#
226	31.8	21.7	32.5



Instrument :
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ClientSampleId :
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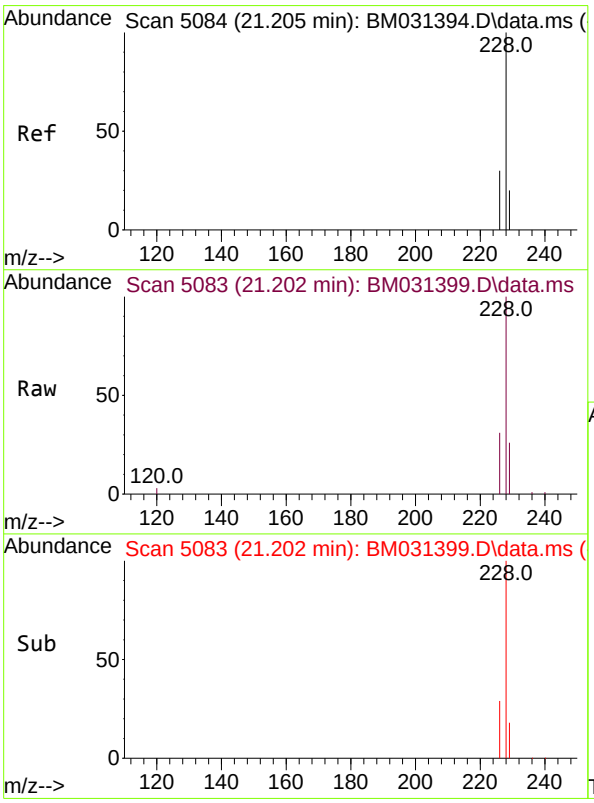
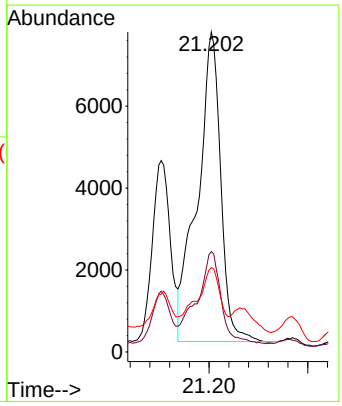
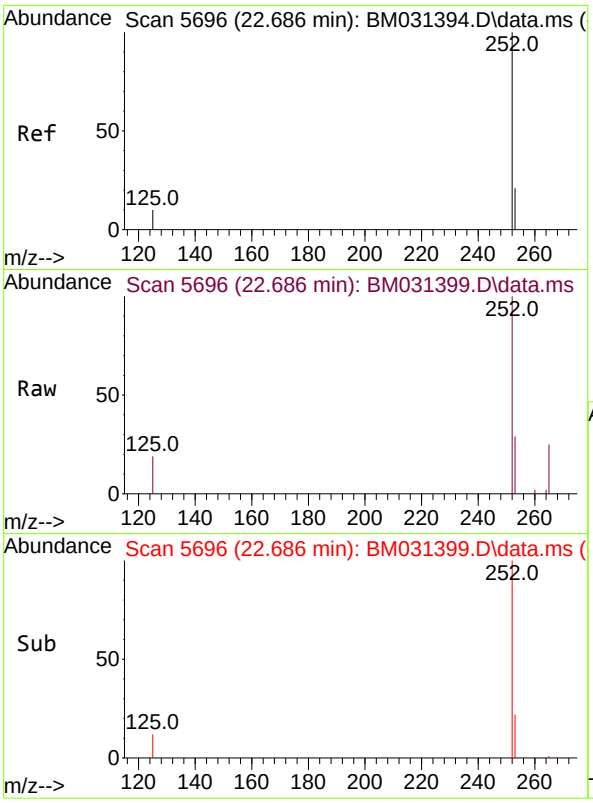


#22
Chrysene
Concen: 0.55 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:228 Resp: 12354

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	26.4	16.2	24.2#

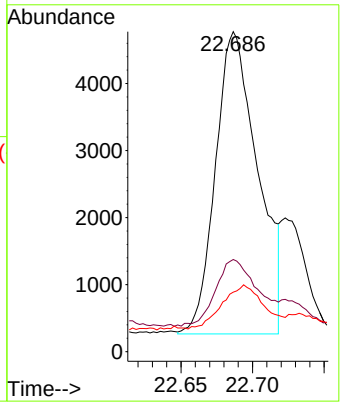


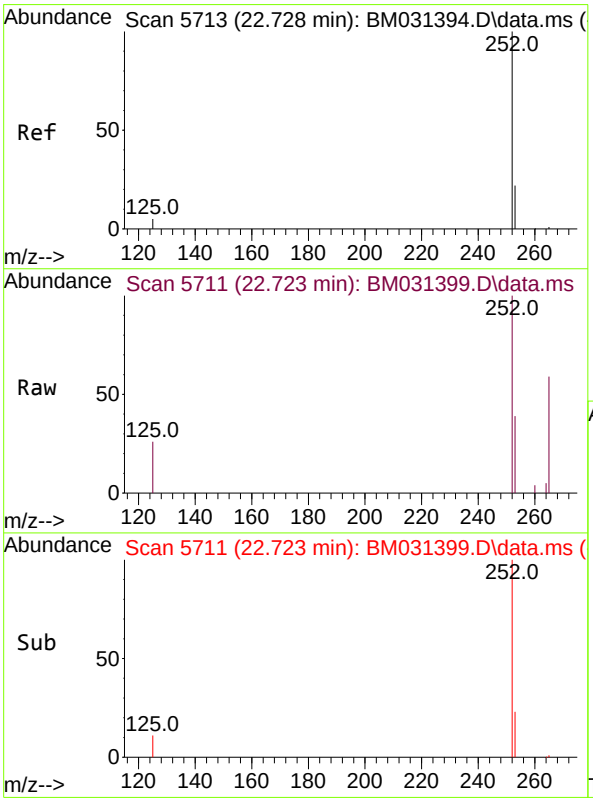


#24
Benzo(b)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:252 Resp: 9266

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	53.0
125	18.6	0.0	22.8

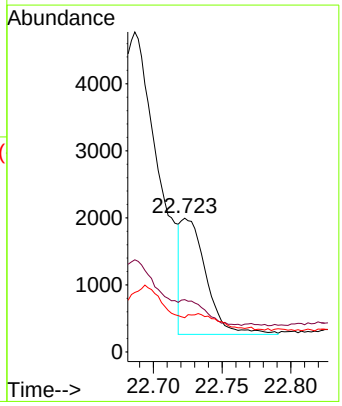




#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. -0.012 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:252 Resp: 2222

Ion	Ratio	Lower	Upper
252	100		
253	39.1	21.3	31.9#
125	25.7	8.8	13.2#



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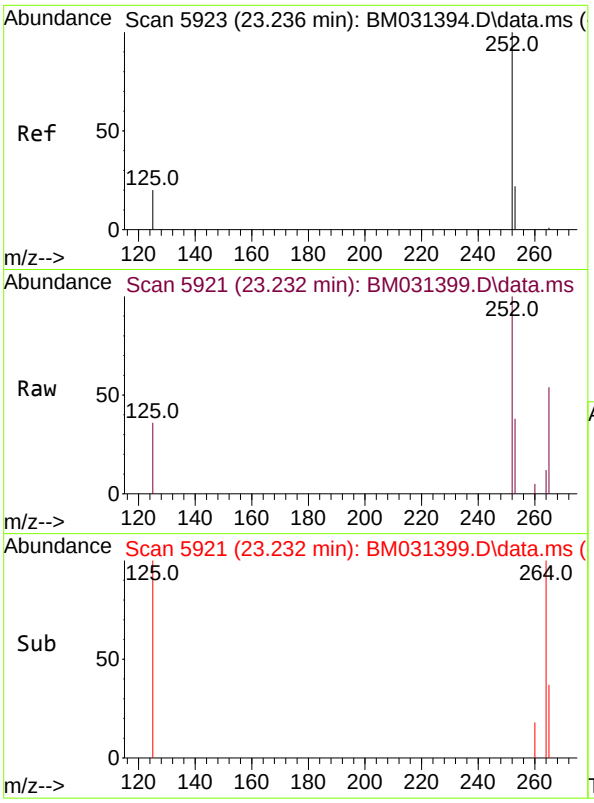
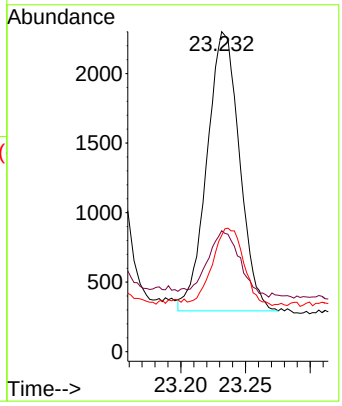
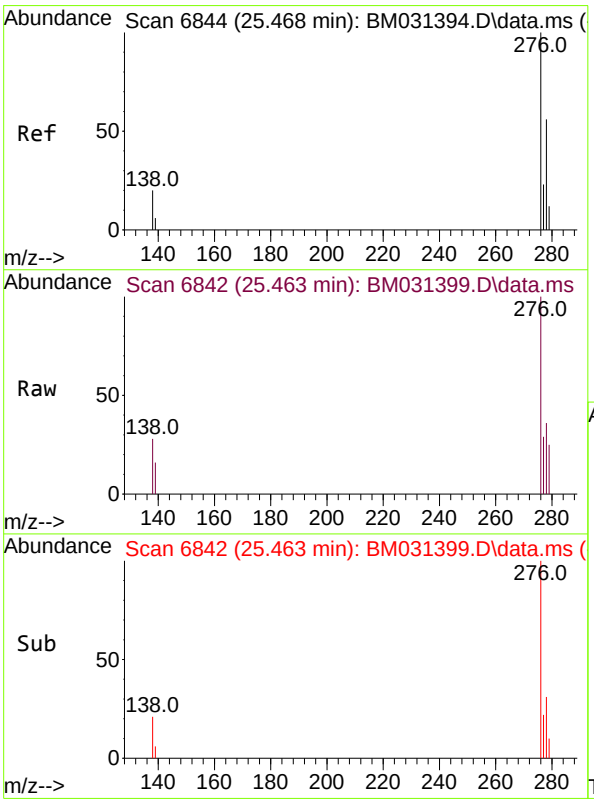


#26
Benzo(a)pyrene
Concen: 0.17 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. -0.012 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:252 Resp: 3519

Ion	Ratio	Lower	Upper
252	100		
253	37.8	22.4	33.6#
125	36.4	13.0	19.4#

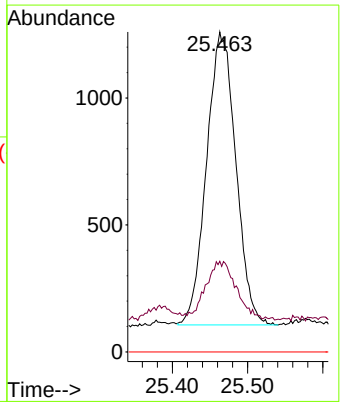




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng/ul
RT: 25.463 min Scan# 6842
Delta R.T. -0.017 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:276 Resp: 3118

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.8	23.8
227	0.0	0.0	0.0



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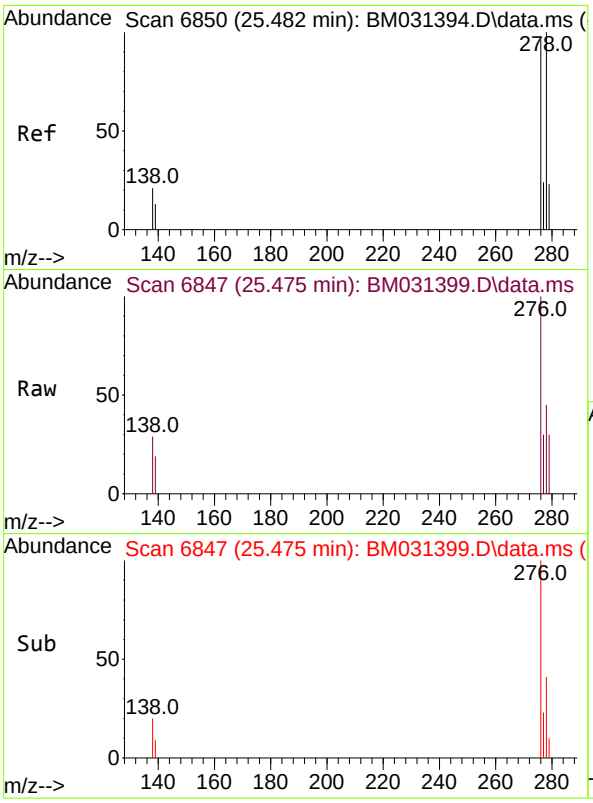
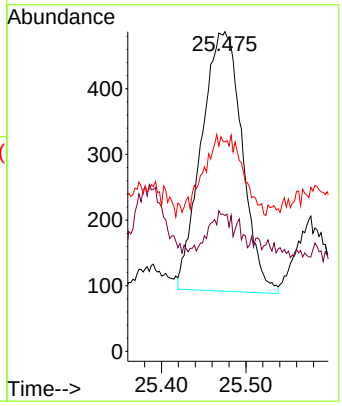


#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.017 min
Lab File: BM031399.D
Acq: 03 Aug 2021 06:13

Tgt Ion:278 Resp: 1322

Ion	Ratio	Lower	Upper
278	100		
139	42.5	13.3	19.9#
279	65.5	22.8	34.2#



Instrument :
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