Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032592.D
Acq On : 19 Oct 2021 20:00
Operator : CG/JU
Sample : M4181-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B11

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Quant Time: Oct 20 02:56:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	5707	0.40	ng/ul		0.00
4) Naphthalene-d8	10.345	136	17023	0.40	ng/ul		0.00
9) Acenaphthene-d10	14.214	164	7535	0.40	ng/ul		0.00
13) Phenanthrene-d10	16.951	188	13249	0.40	ng/ul	#	0.00
17) Chrysene-d12	21.125	240	9482	0.40	ng/ul		0.00
23) Perylene-d12	23.266	264	9505	0.40	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.927	96	7316	1.14	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.942	152	2317	0.10	ng/ul		0.00
18) Fluoranthene-d10	18.975	212	3733	0.13	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.394	128	4530	0.09	ng/ul	#	95
7) 2-Methylnaphthalene	12.013	142	3122	0.09	ng/ul		100
8) 1-Methylnaphthalene	12.238	142	2560	0.08	ng/ul		100
10) Acenaphthylene	13.934	152	1036	0.03	ng/ul	#	80
15) Phenanthrene	16.989	178	4515	0.10	ng/ul		96
19) Fluoranthene	19.005	202	8348	0.18	ng/ul		97
20) Pyrene	19.367	202	6354	0.13	ng/ul		97
21) Benzo(a)anthracene	21.108	228	3447	0.09	ng/ul		92
22) Chrysene	21.159	228	4820	0.12	ng/ul		95
24) Benzo(b)fluoranthene	22.634	252	6181m	0.14	ng/ul		
25) Benzo(k)fluoranthene	22.665	252	2923m	0.07	ng/ul		
26) Benzo(a)pyrene	23.172	252	1993	0.05	ng/ul	#	20
27) Indeno(1,2,3-cd)pyrene	25.379	276	2060	0.05	ng/ul	#	93
28) Dibenzo(a,h)anthracene	25.381	278	796	0.02	ng/ul	#	1

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

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Misc :
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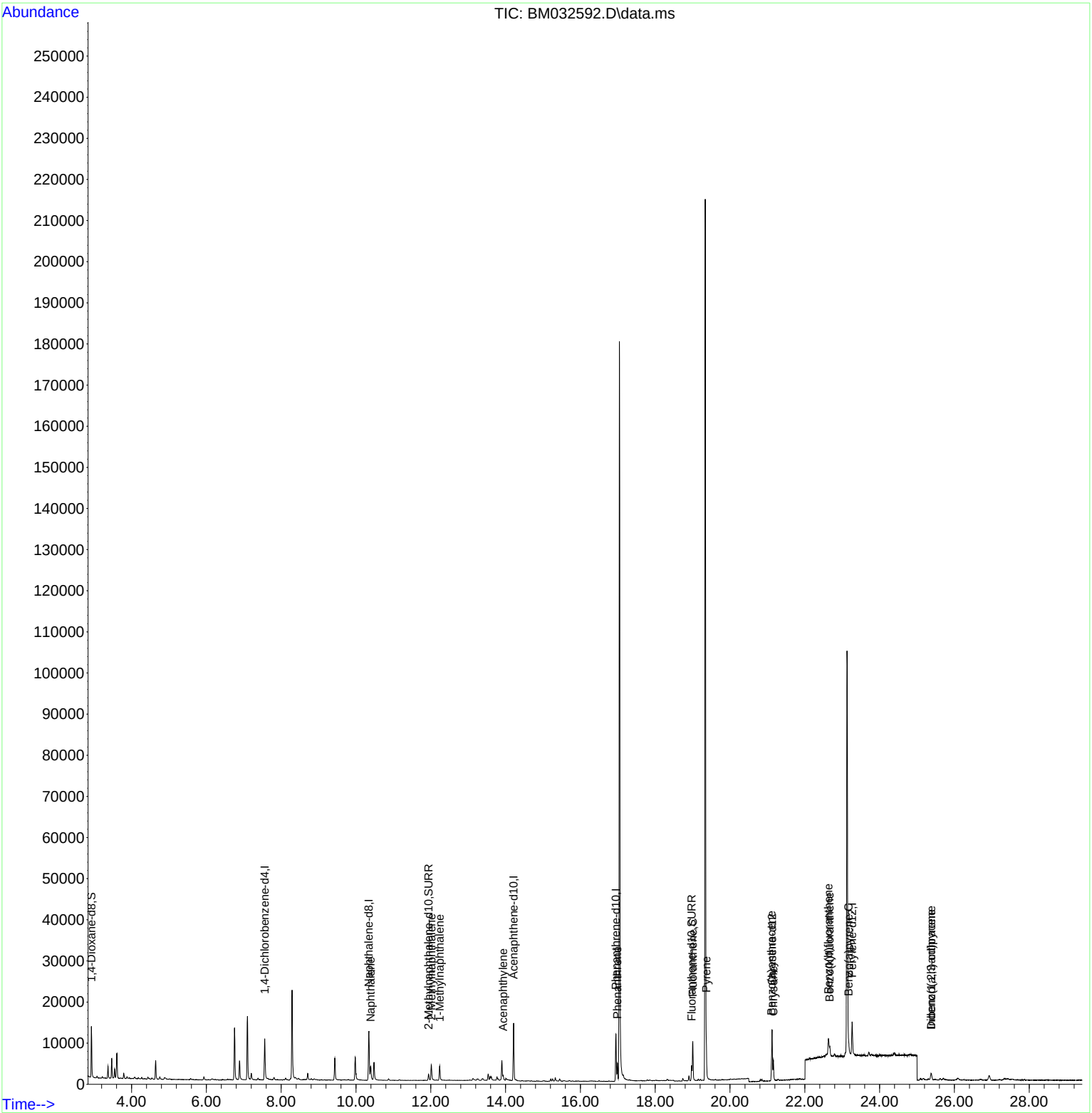
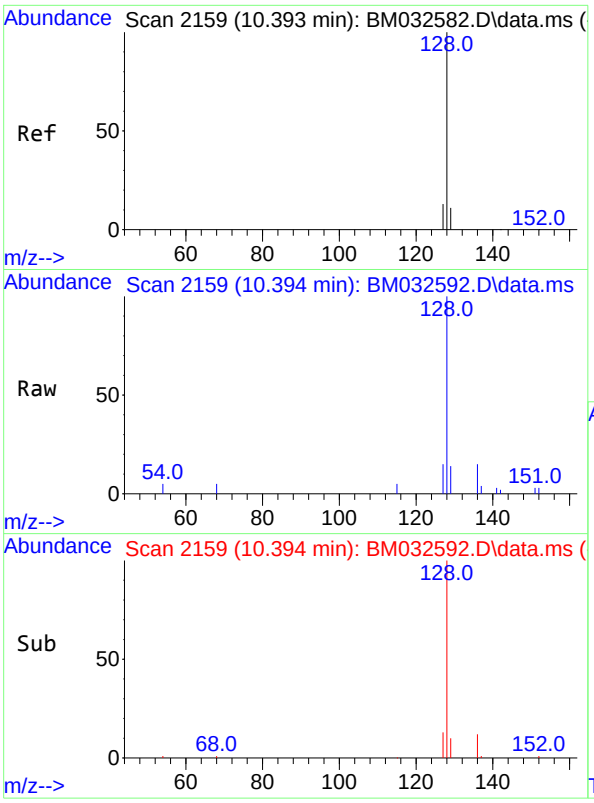
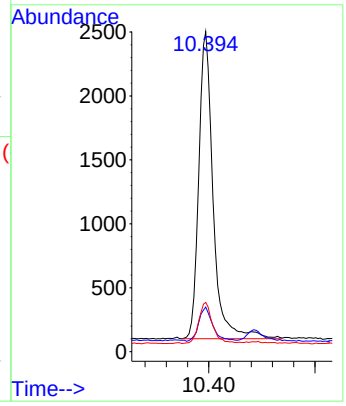




#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.394 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:128 Resp: 4530

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.1	13.7#
127	15.4	11.1	16.7



Instrument :
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ClientSampleId :
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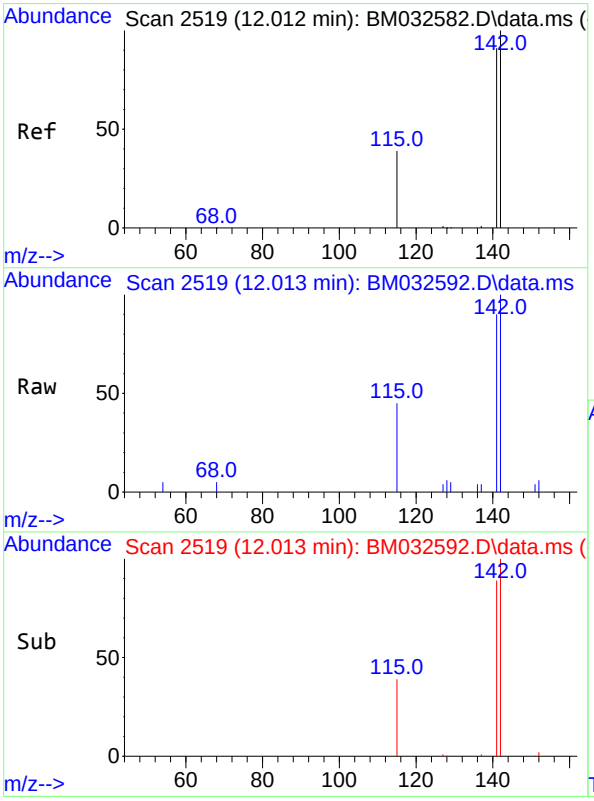
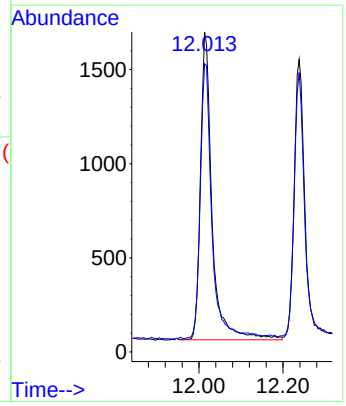


#7
2-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.013 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:142 Resp: 3122

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2



Instrument :
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ClientSampleId :
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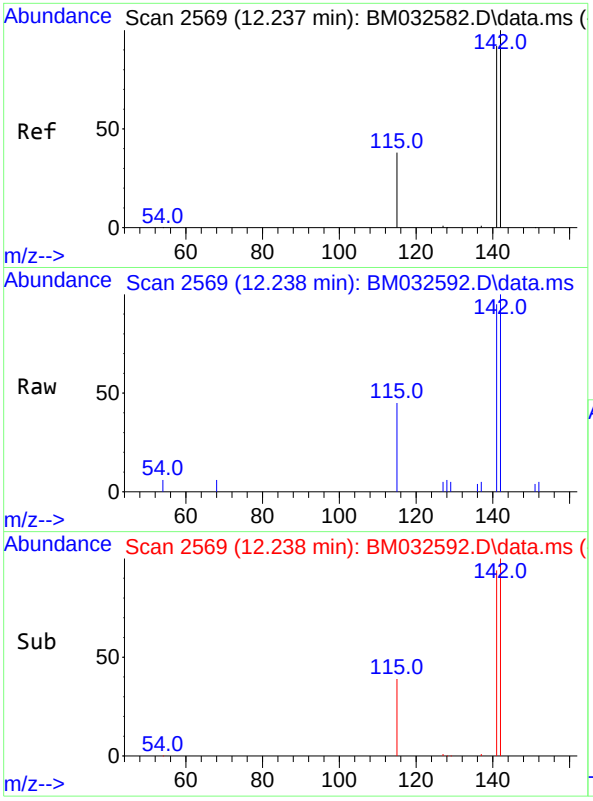
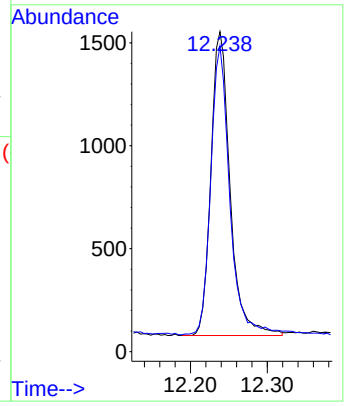
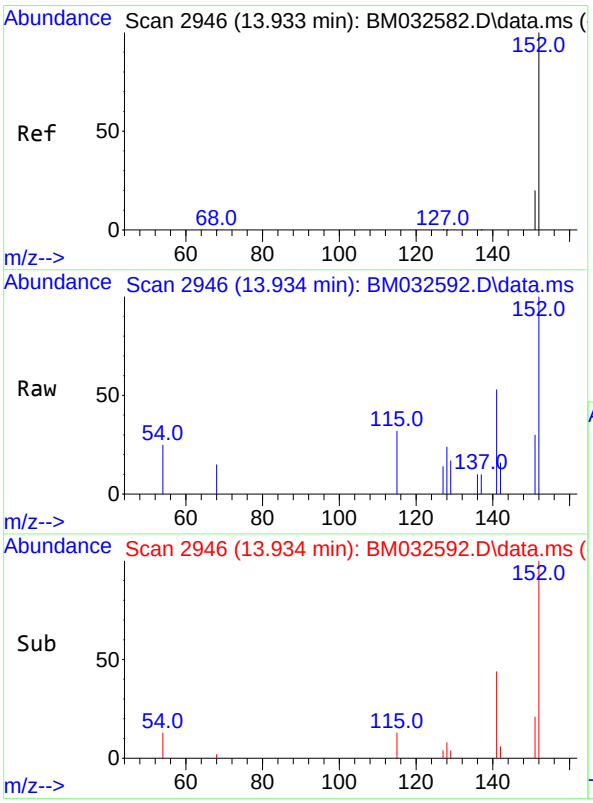


#8
1-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.238 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:142 Resp: 2560

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.9	112.3

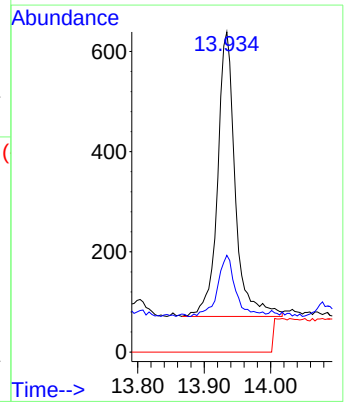


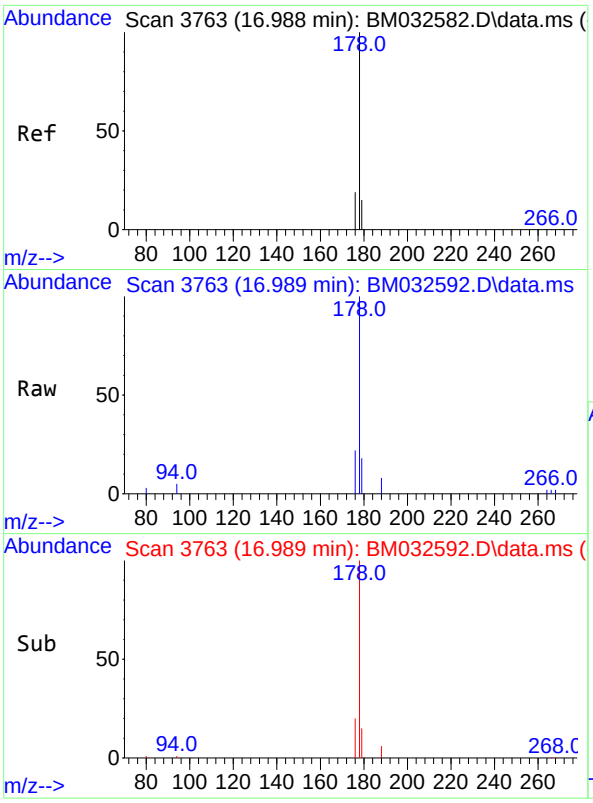


#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.934 min Scan# 2946
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:152 Resp: 1036

Ion	Ratio	Lower	Upper
152	100		
151	30.2	16.7	25.1#
153	0.0	0.0	0.0

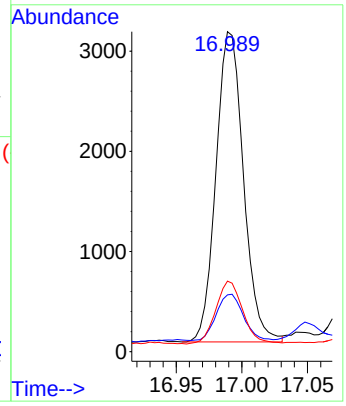




#15
Phenanthrene
Concen: 0.10 ng/ul
RT: 16.989 min Scan# 3763
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:178 Resp: 4515

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.9	19.3
176	22.0	16.1	24.1



Instrument :
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ClientSampleId :
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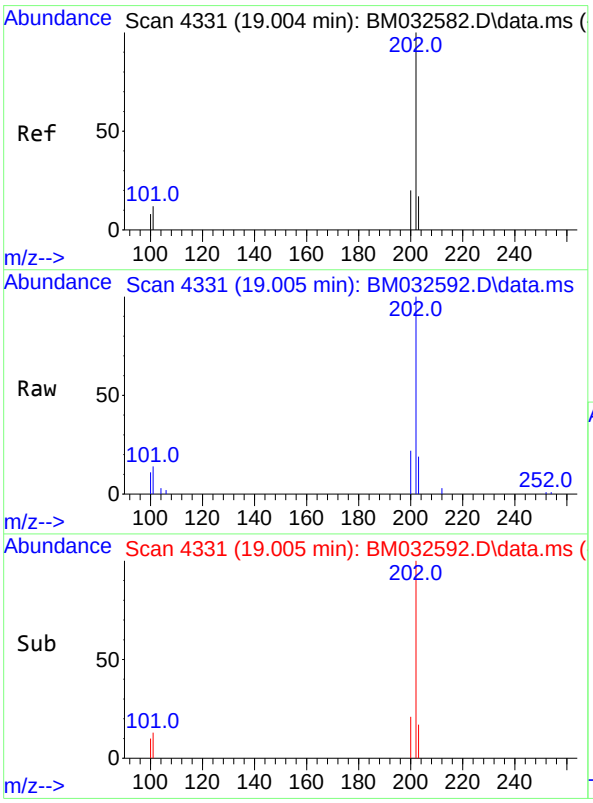
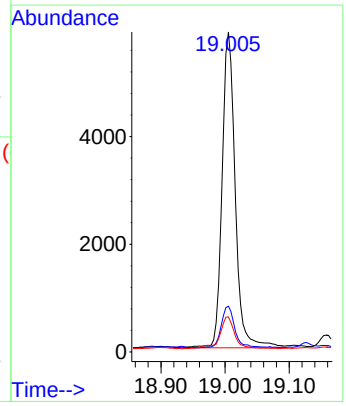
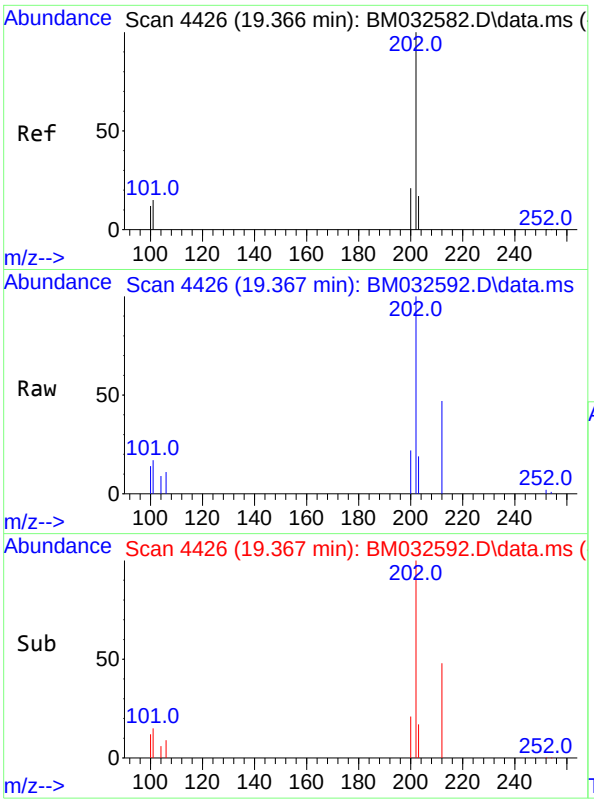


#19
Fluoranthene
Concen: 0.18 ng/ul
RT: 19.005 min Scan# 4331
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:202 Resp: 8348

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.6	16.0
100	10.9	7.8	11.8

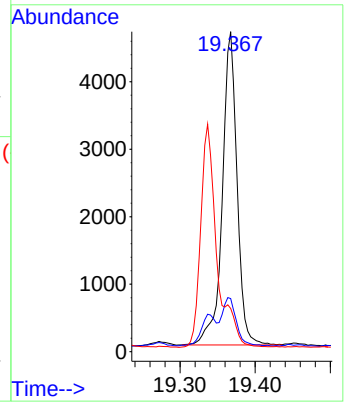


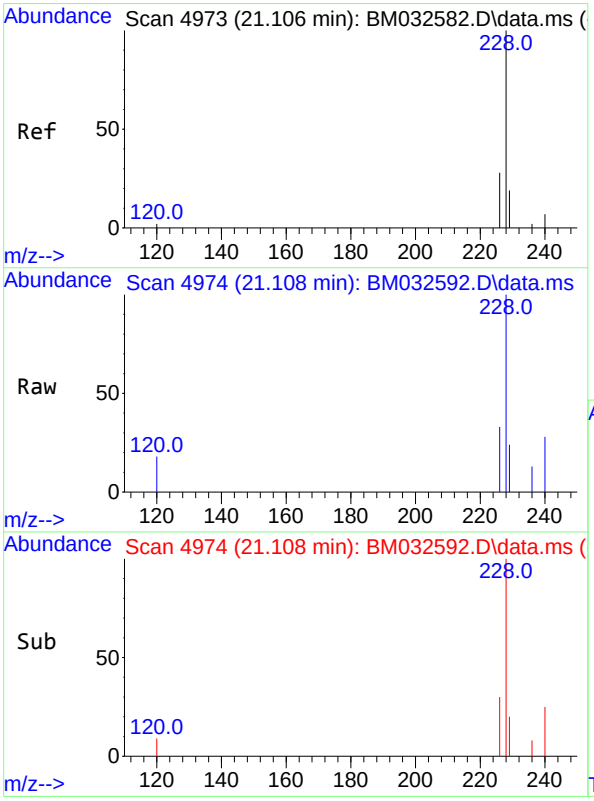


#20
Pyrene
Concen: 0.13 ng/ul
RT: 19.367 min Scan# 4426
Delta R.T. 0.001 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:202 Resp: 6354

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.3	18.5
100	13.5	10.1	15.1

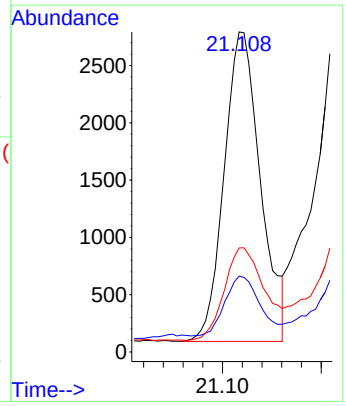




#21
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. 0.002 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:228 Resp: 3447

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.9	23.9
226	32.5	22.4	33.6



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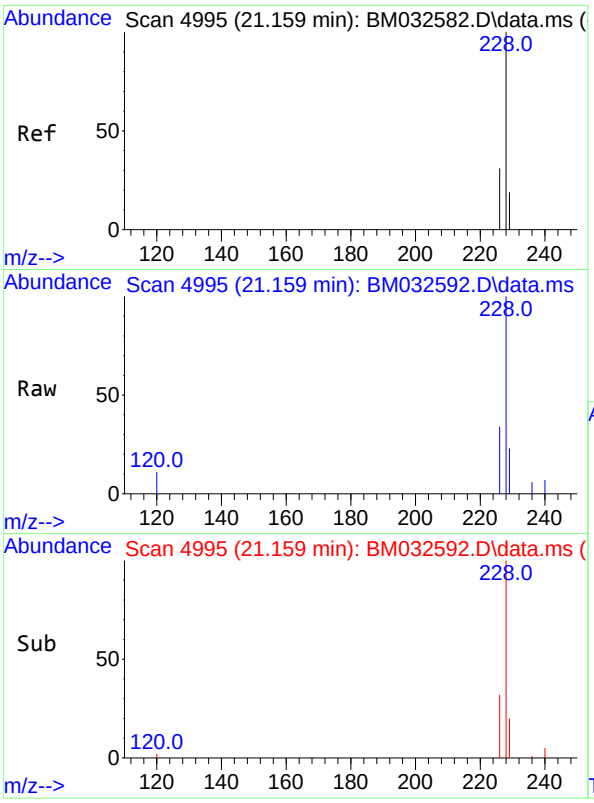
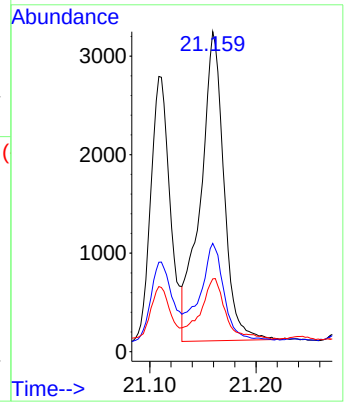


#22
Chrysene
Concen: 0.12 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:228 Resp: 4820

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.1	37.7
229	22.8	15.7	23.5



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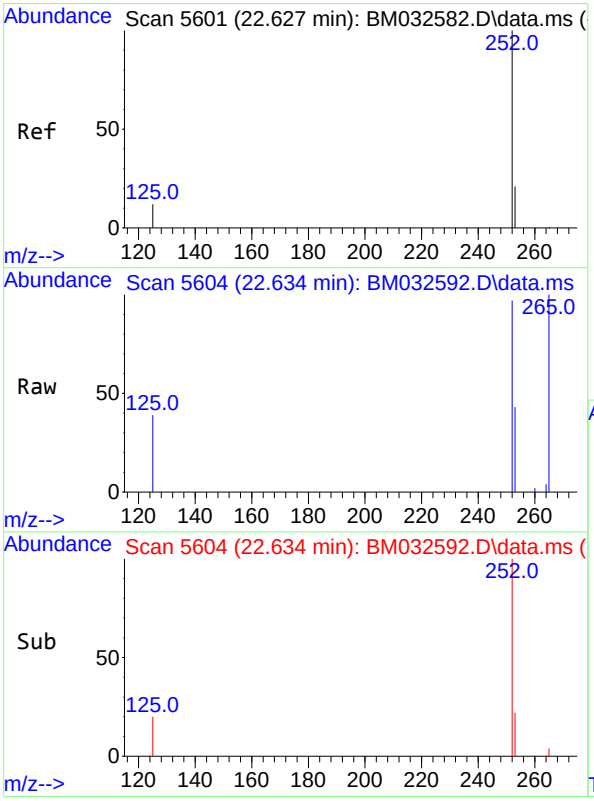
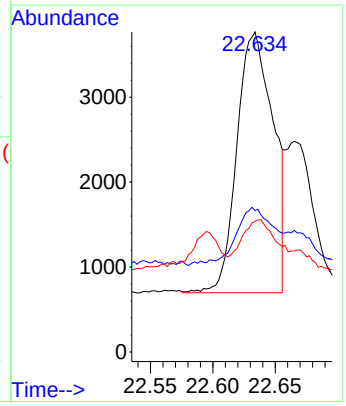
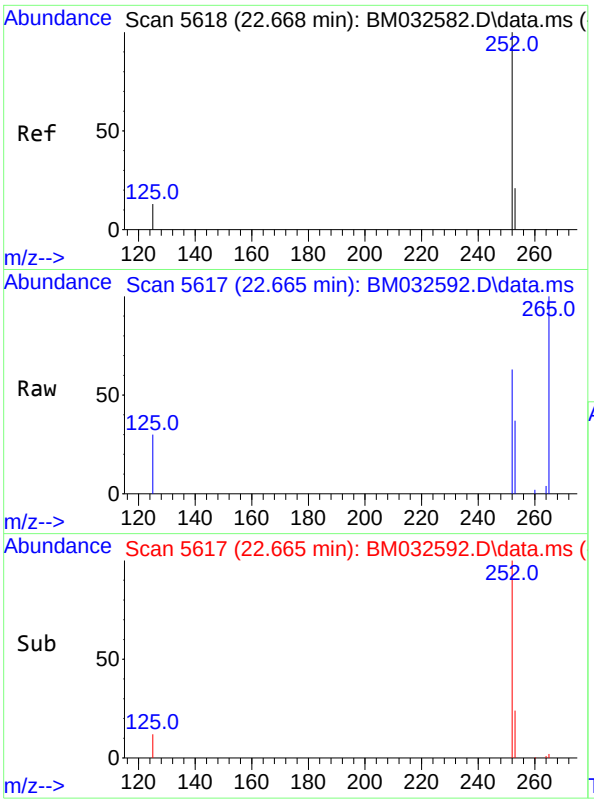


#24
Benzo(b)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. 0.007 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:252 Resp: 6181

Ion	Ratio	Lower	Upper
252	100		
253	44.2	0.0	53.8
125	40.8	0.0	35.6#

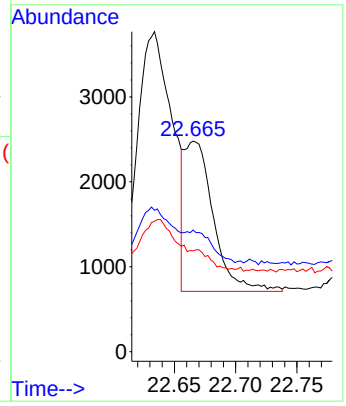


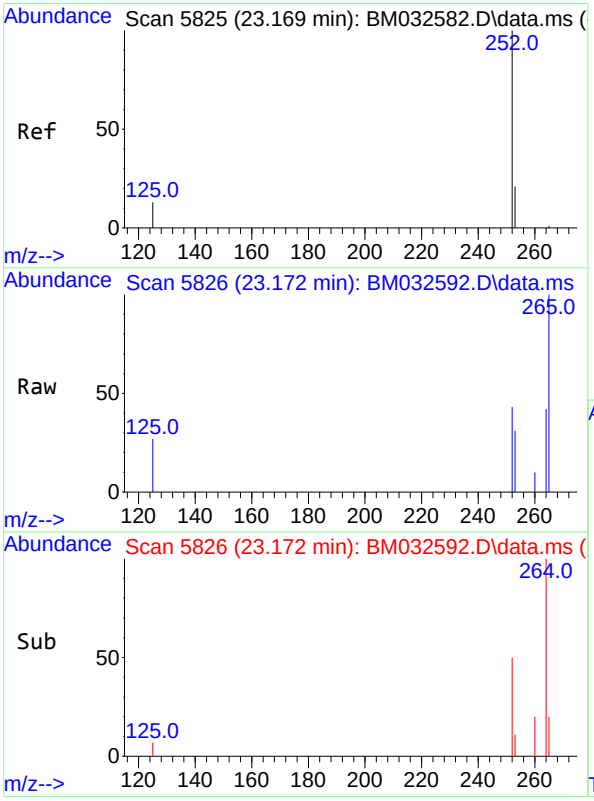


#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:252 Resp: 2923

Ion	Ratio	Lower	Upper
252	100		
253	57.8	21.8	32.6#
125	47.9	14.4	21.6#

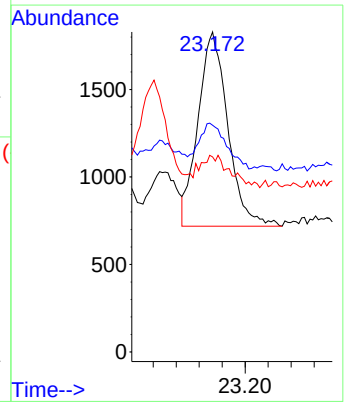




#26
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.172 min Scan# 5826
Delta R.T. 0.002 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:252 Resp: 1993

Ion	Ratio	Lower	Upper
252	100		
253	70.9	23.6	35.4#
125	61.0	17.1	25.7#



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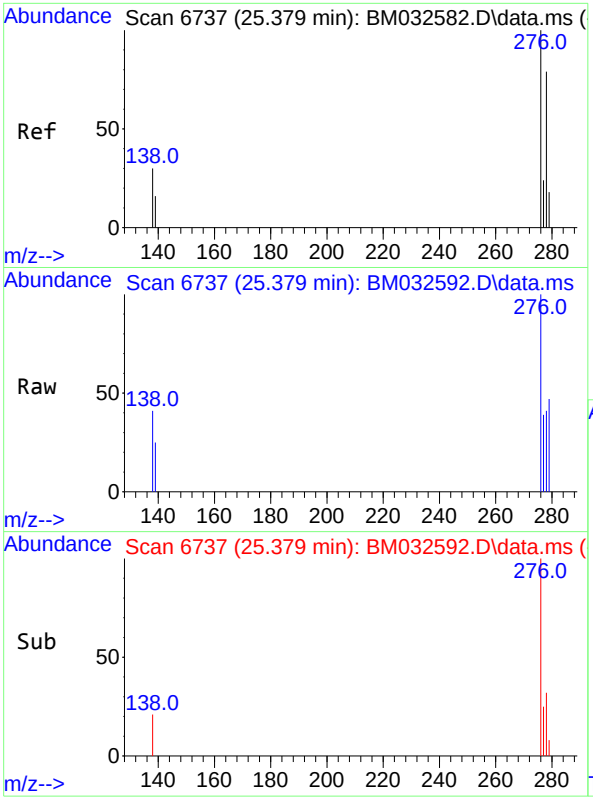
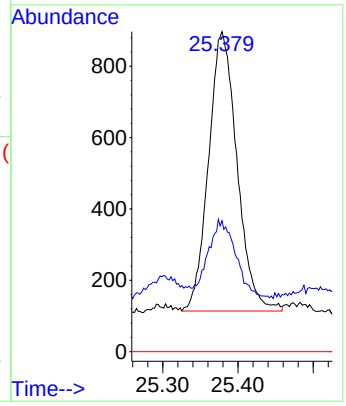
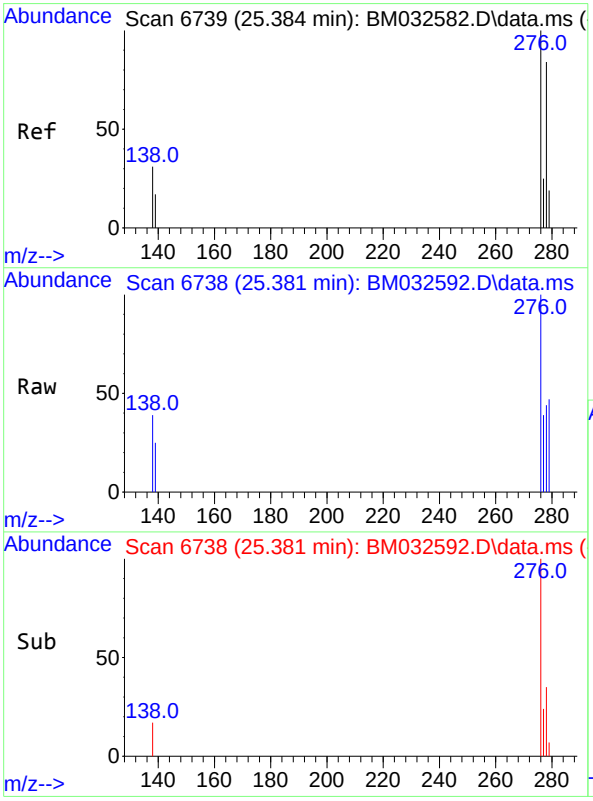


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.379 min Scan# 6737
Delta R.T. -0.000 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:276 Resp: 2060

Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.9	37.3
227	0.0	0.0	0.0

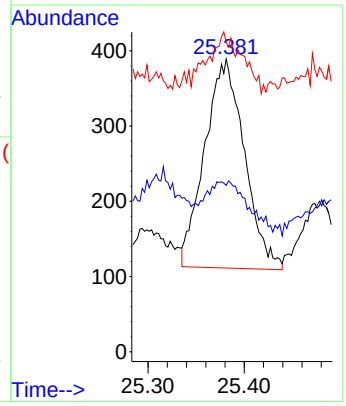




#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.381 min Scan# 6738
Delta R.T. -0.002 min
Lab File: BM032592.D
Acq: 19 Oct 2021 20:00

Tgt Ion:278 Resp: 796

Ion	Ratio	Lower	Upper
278	100		
139	56.8	18.6	28.0#
279	105.7	22.0	33.0#



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