Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033602.D
Acq On : 23 Dec 2021 07:49
Operator : CG/JU
Sample : M5091-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 23 09:09:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG3F5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	443	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	1197	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.557	164	829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	1910m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.480	240	2201	0.400	ng/ul	# 0.00
23) Perylene-d12	23.868	264	2402	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1625	4.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	609	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	2334	0.459	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.769	128	281	0.071	ng/ul#	63
8) 1-Methylnaphthalene	12.609	142	108	0.043	ng/ul	94
11) Acenaphthene	14.618	153	109	0.032	ng/ul#	83
12) Fluorene	15.603	166	174	0.046	ng/ul#	89
14) Pentachlorophenol	16.962	266	32	0.033	ng/ul	91
15) Phenanthrene	17.340	178	168m	0.027	ng/ul	
16) Anthracene	17.431	178	1385m	0.238	ng/ul	
19) Fluoranthene	19.357	202	250	0.037	ng/ul#	32
20) Pyrene	19.715	202	254	0.036	ng/ul#	1
21) Benzo(a)anthracene	21.470	228	227	0.038	ng/ul#	54
22) Chrysene	21.519	228	215	0.032	ng/ul#	56
24) Benzo(b)fluoranthene	23.146	252	235	0.031	ng/ul#	1
25) Benzo(k)fluoranthene	23.197	252	185	0.023	ng/ul#	1
26) Benzo(a)pyrene	23.757	252	207m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.378	276	197	0.020	ng/ul#	62
28) Dibenzo(a,h)anthracene	26.383	278	164	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.124	276	176	0.020	ng/ul#	19

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

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Operator : CG/JU
Sample : M5091-12
Misc :
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Quant Time: Dec 23 09:09:52 2021
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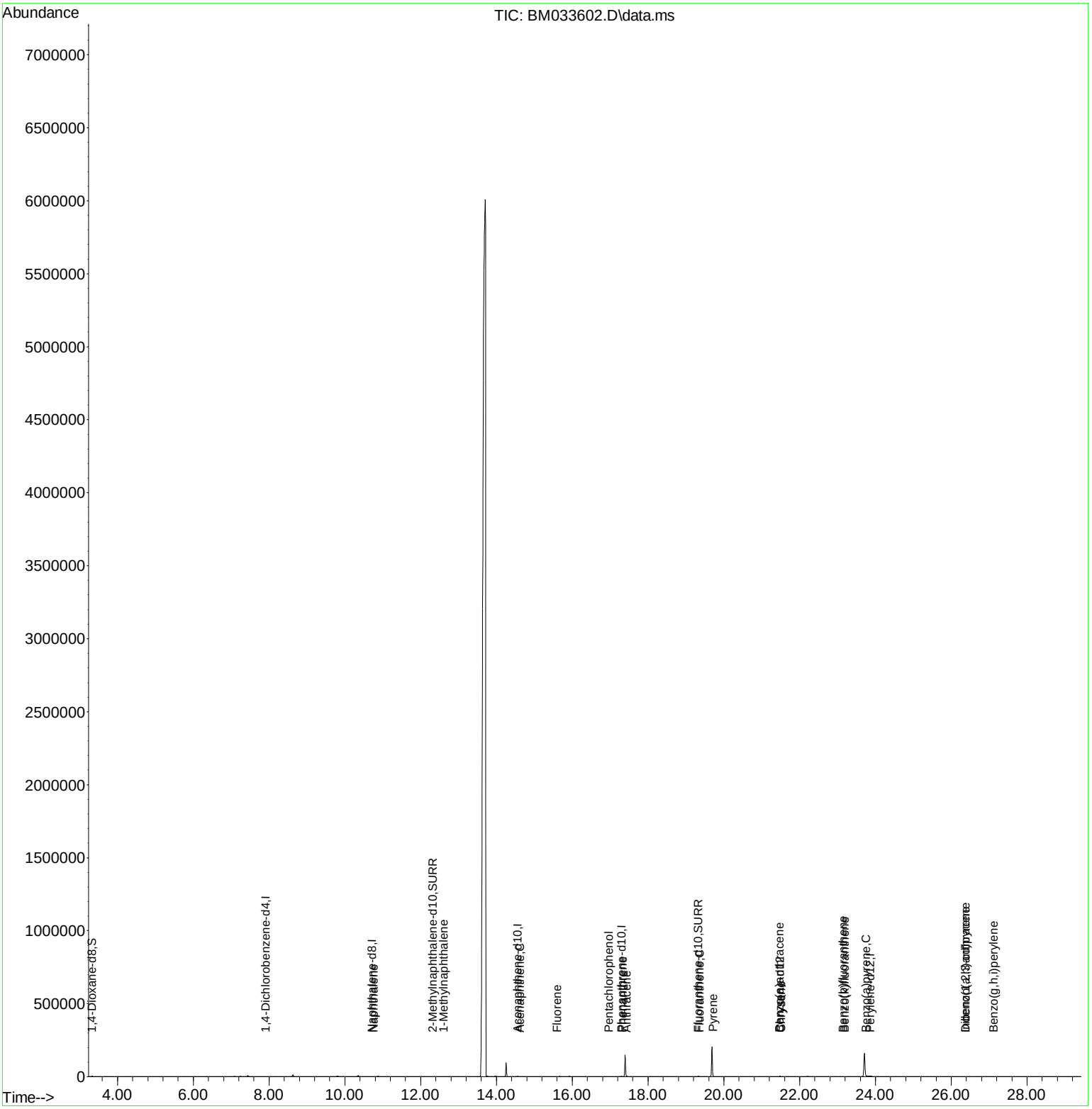
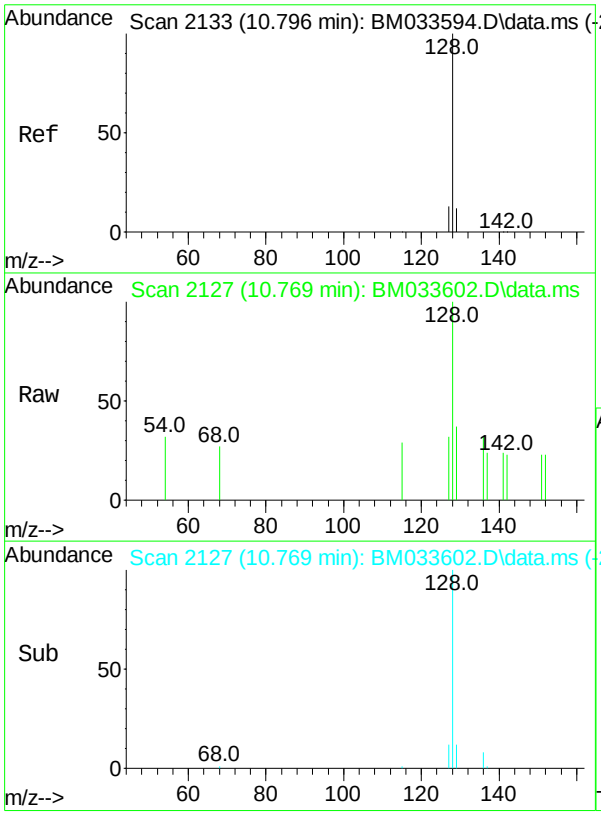
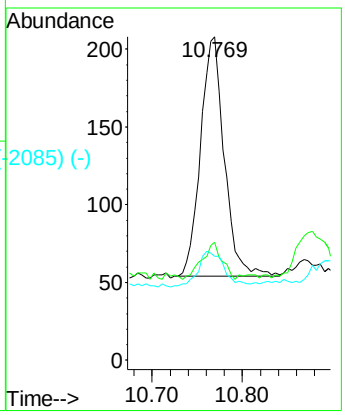




#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.769 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:128 Resp: 28

Ion	Ratio	Lower	Upper
128	100		
129	36.5	13.4	20.2
127	32.2	15.2	22.8



Instrument :
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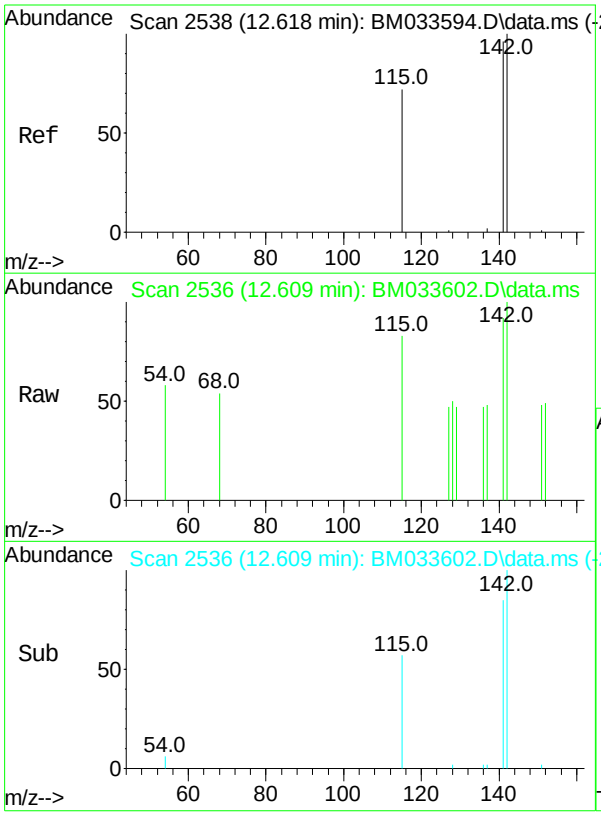
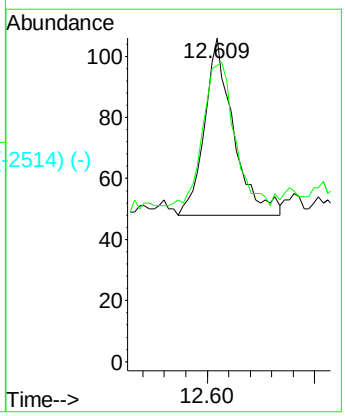
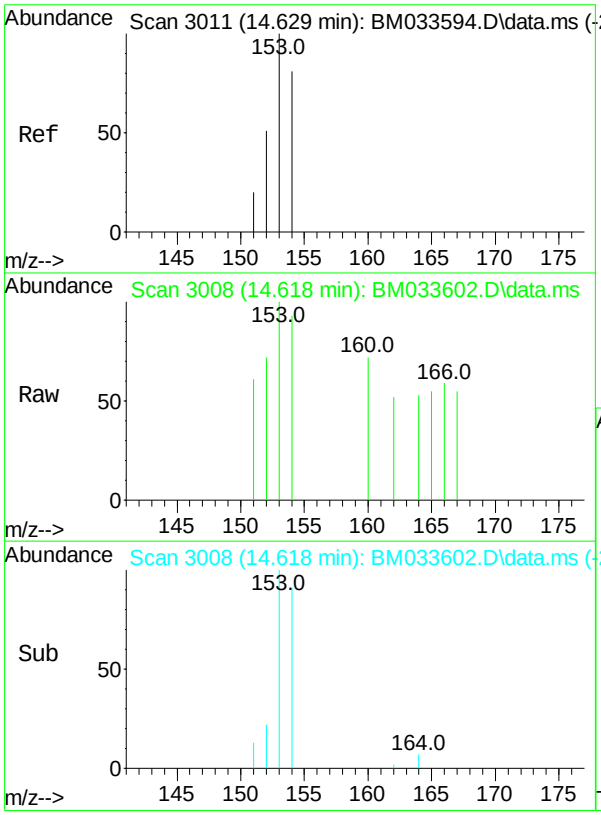


#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.609 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
141	88.0	75.0	112.4





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.618 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:153 Resp: 1

Ion	Ratio	Lower	Upper
153	100		
152	71.6	42.4	63.6
154	93.1	66.2	99.2

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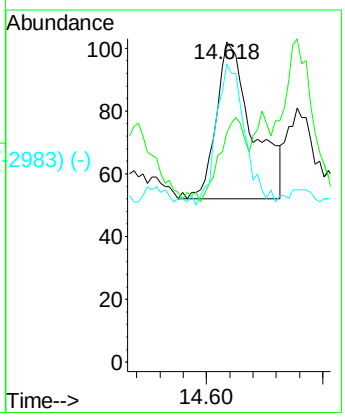
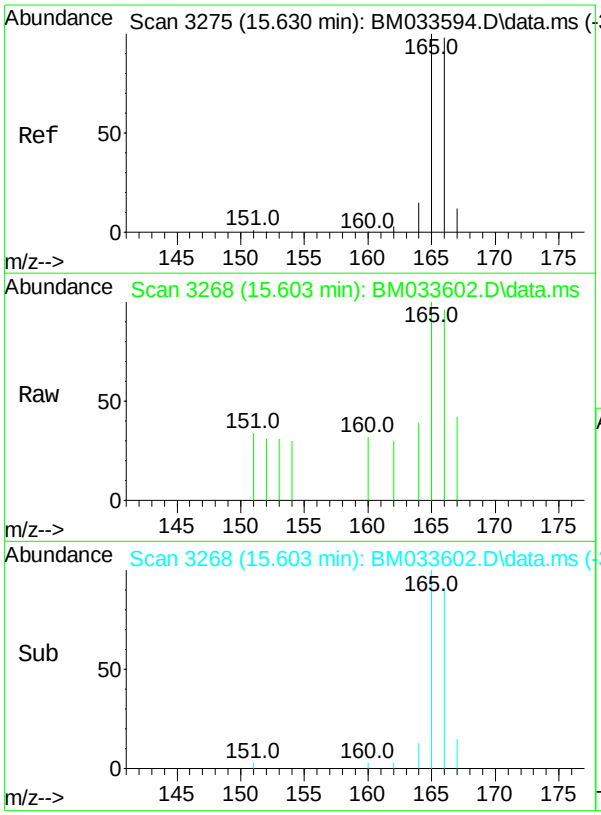
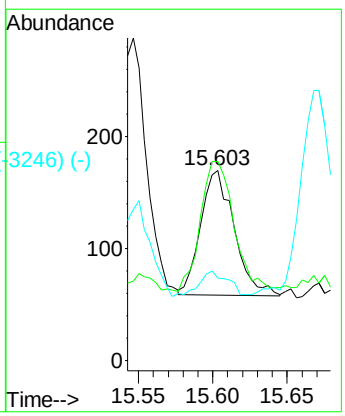


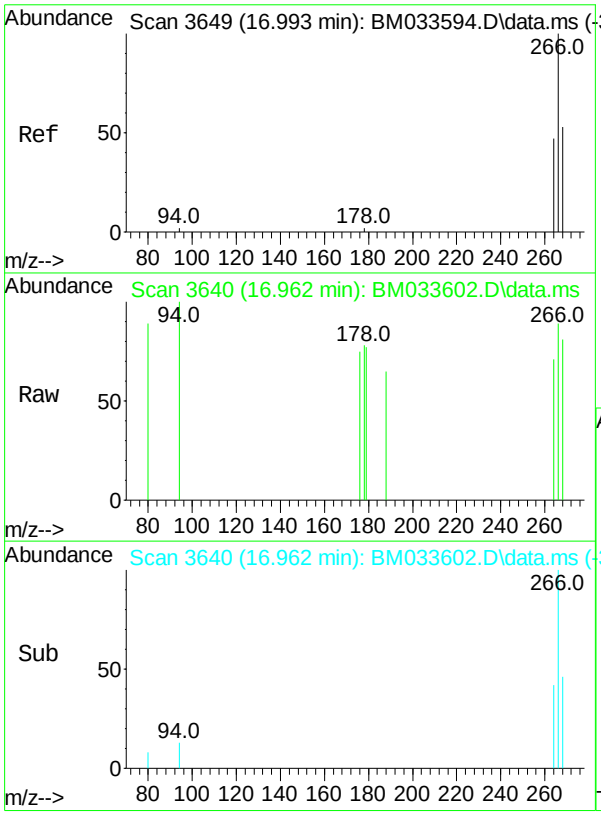


#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.603 min Scan# 3268
Delta R.T. -0.015 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:166 Resp: 174

Ion	Ratio	Lower	Upper
166	100		
165	104.7	81.1	121.7
167	43.5	14.9	22.3#

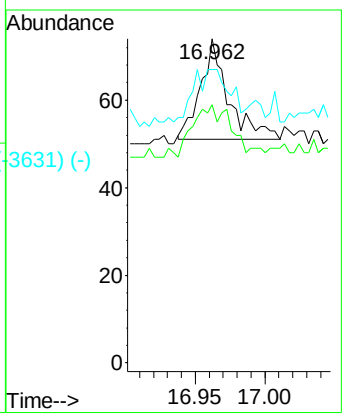




#14
Pentachlorophenol
Concen: 0.033 ng/ul
RT: 16.962 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	71.9	51.4	77.0
268	59.4	53.1	79.7



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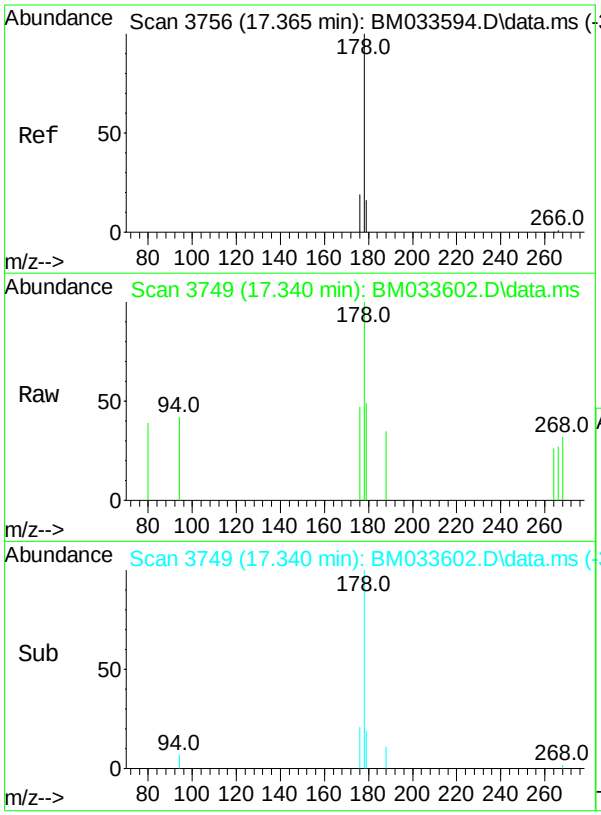
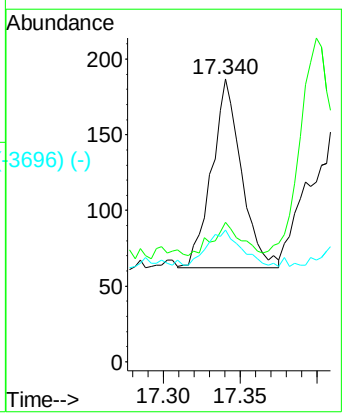
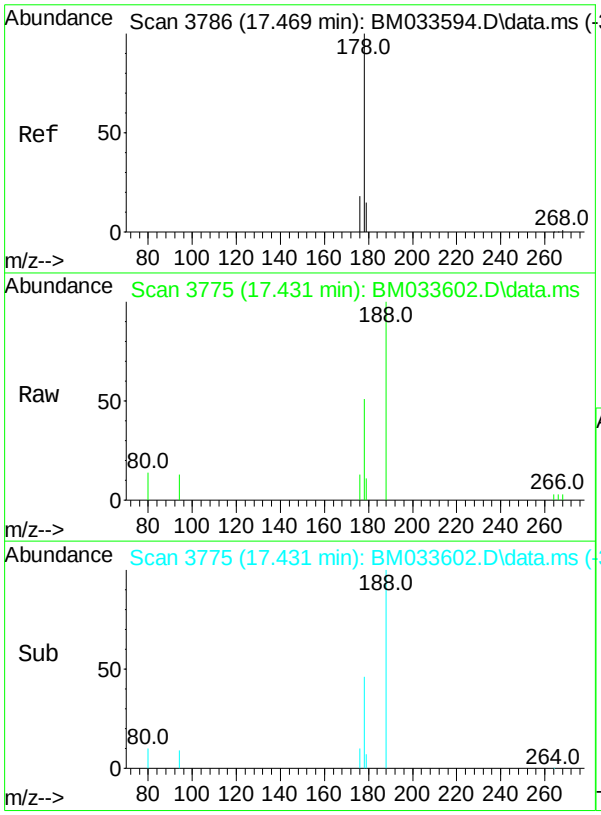


#15
Phenanthrene
Concen: 0.027 ng/ul m
RT: 17.340 min Scan# 3749
Delta R.T. -0.017 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:178 Resp: 168

Ion	Ratio	Lower	Upper
178	100		
179	49.2	15.0	22.6#
176	46.5	17.9	26.9#

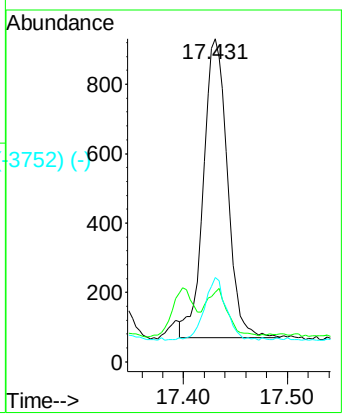




#16
Anthracene
Concen: 0.238 ng/ul m
RT: 17.431 min Scan# 1
Delta R.T. -0.021 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:178 Resp: 138

Ion	Ratio	Lower	Upper
178	100		
179	21.6	16.5	24.7
176	26.1	18.3	27.5



Instrument :
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ClientSampleId :
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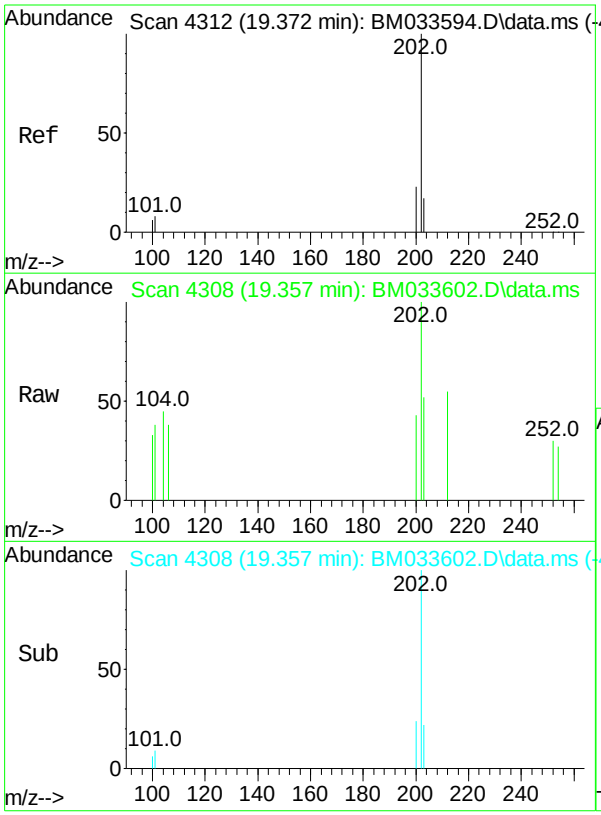
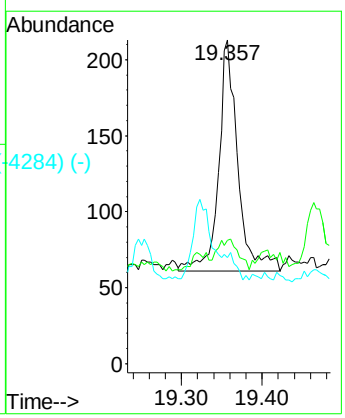
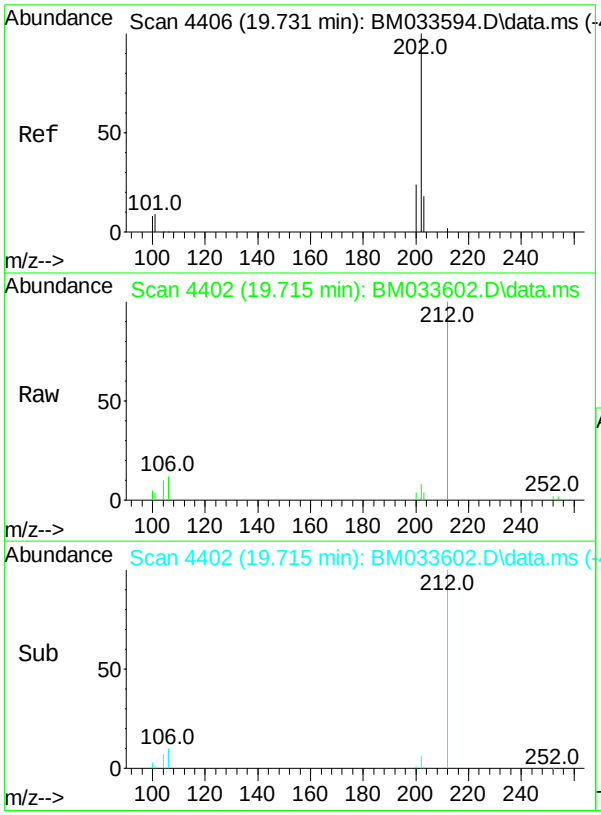


#19
Fluoranthene
Concen: 0.037 ng/ul
RT: 19.357 min Scan# 4308
Delta R.T. -0.008 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:202 Resp: 250

Ion	Ratio	Lower	Upper
202	100		
101	38.0	9.2	13.8#
100	32.9	7.2	10.8#





#20
Pyrene
Concen: 0.036 ng/ul
RT: 19.715 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:202 Resp: 25

Ion	Ratio	Lower	Upper
202	100		
101	44.5	9.3	13.9
100	58.9	7.8	11.6

Instrument :
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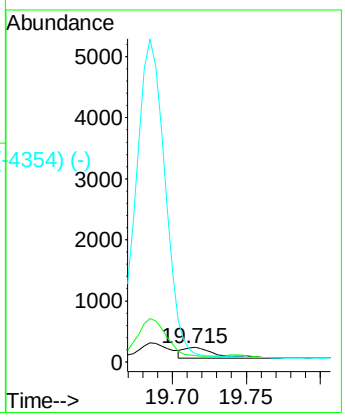
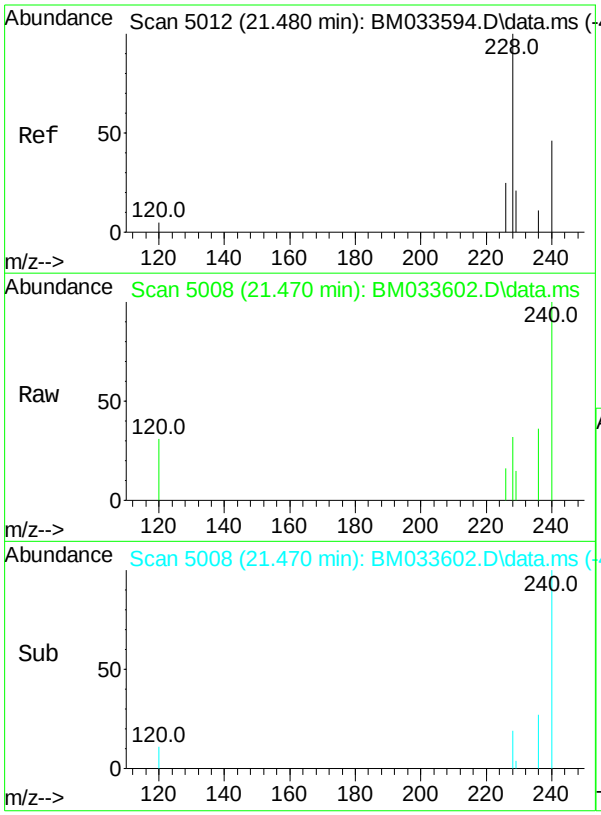
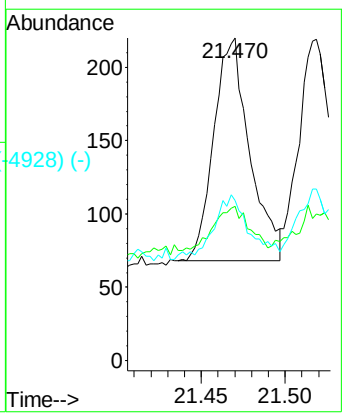


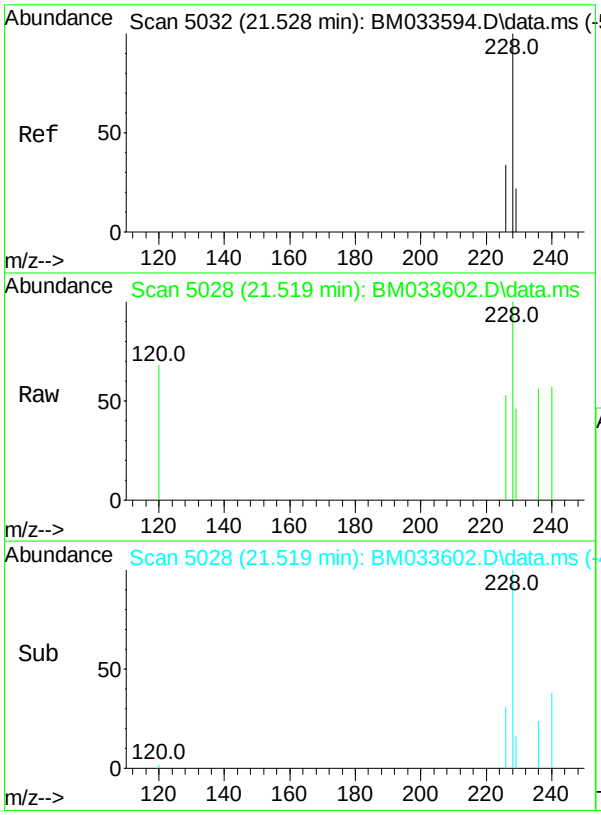


#21
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.470 min Scan# 5008
Delta R.T. -0.007 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:228 Resp: 227

Ion	Ratio	Lower	Upper
228	100		
229	47.7	17.3	25.9#
226	49.5	23.2	34.8#





#22
Chrysene
Concen: 0.032 ng/ul
RT: 21.519 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:228 Resp: 2

Ion	Ratio	Lower	Upper
228	100		
226	53.4	25.8	38.8
229	45.7	16.7	25.1

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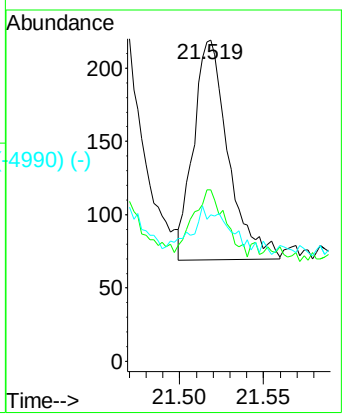
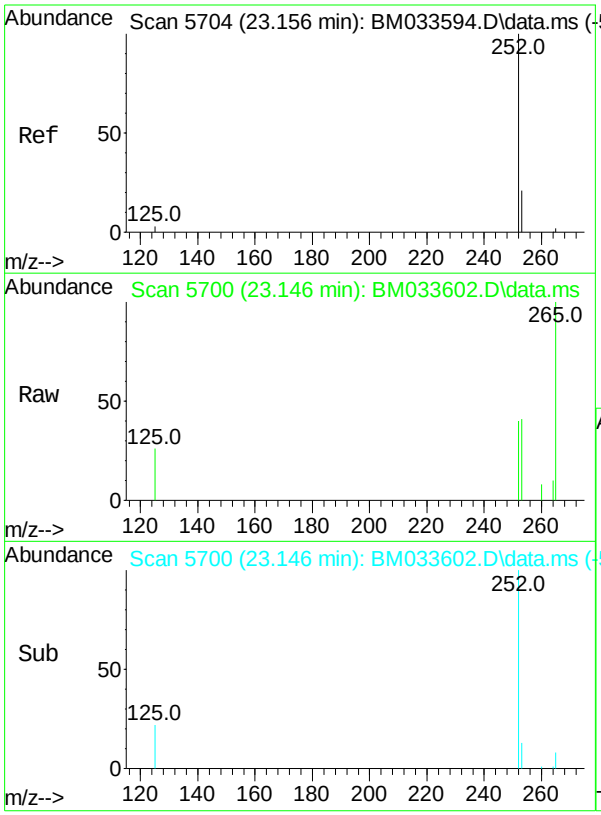
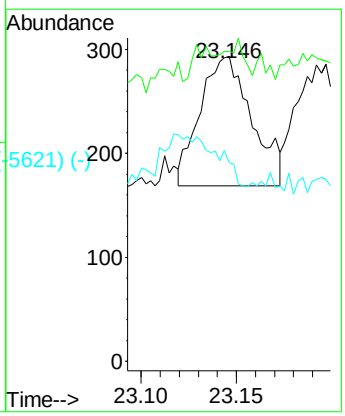


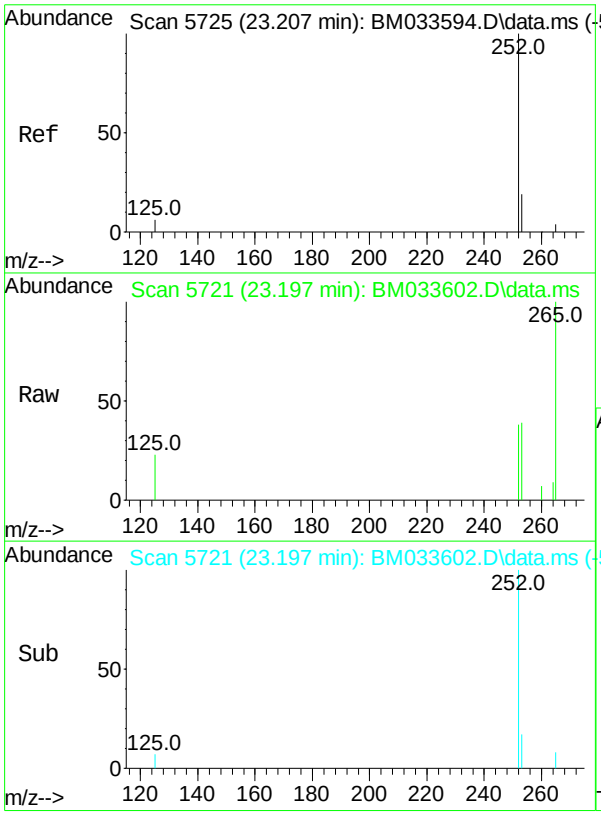


#24
Benzo(b)fluoranthene
Concen: 0.031 ng/ul
RT: 23.146 min Scan# 5700
Delta R.T. -0.010 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:252 Resp: 235

Ion	Ratio	Lower	Upper
252	100		
253	101.7	0.0	64.2#
125	65.2	0.0	28.8#





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul
RT: 23.197 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:252 Resp: 18

Ion	Ratio	Lower	Upper
252	100		
253	101.0	26.8	40.2
125	61.2	12.0	18.0

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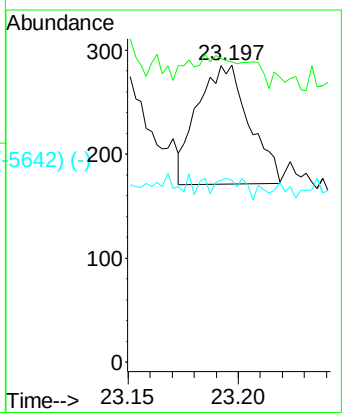
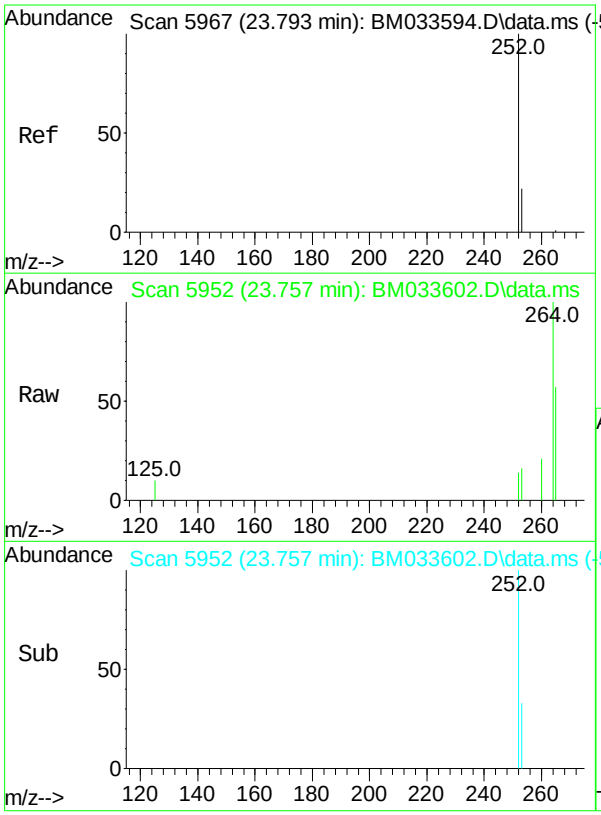
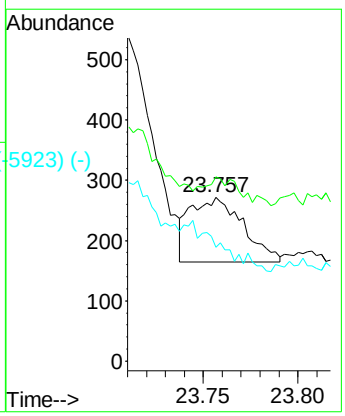


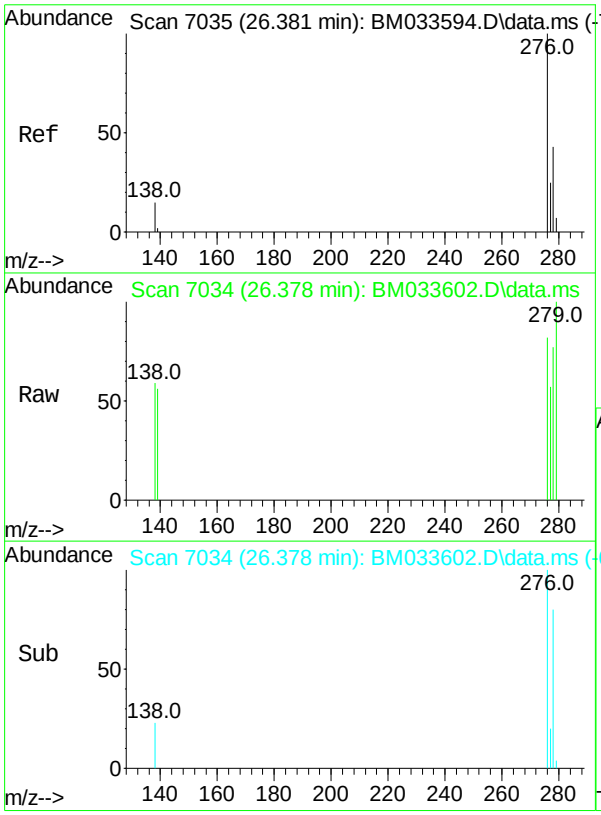


#26
Benzo(a)pyrene
Concen: 0.029 ng/ul m
RT: 23.757 min Scan# 5952
Delta R.T. -0.029 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:252 Resp: 207

Ion	Ratio	Lower	Upper
252	100		
253	112.5	32.0	48.0#
125	69.5	14.5	21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.378 min Scan# 7
Delta R.T. -0.002 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	2.5	15.8	23.6
227	0.0	0.0	0.0

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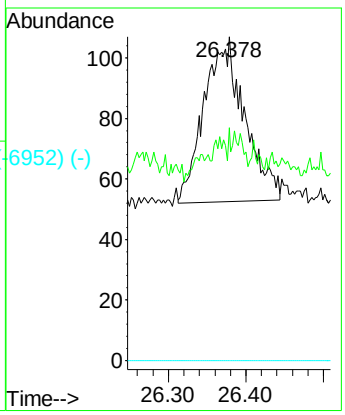
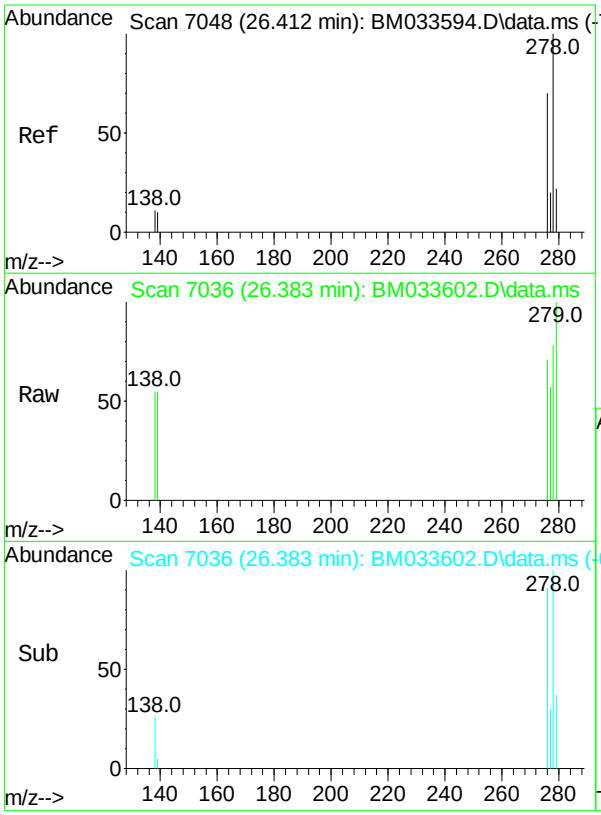
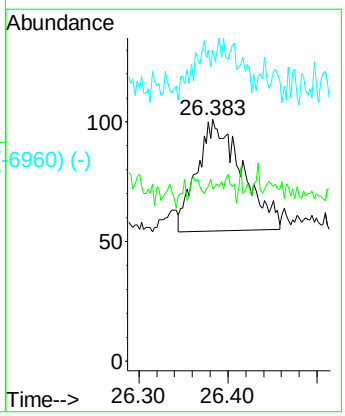


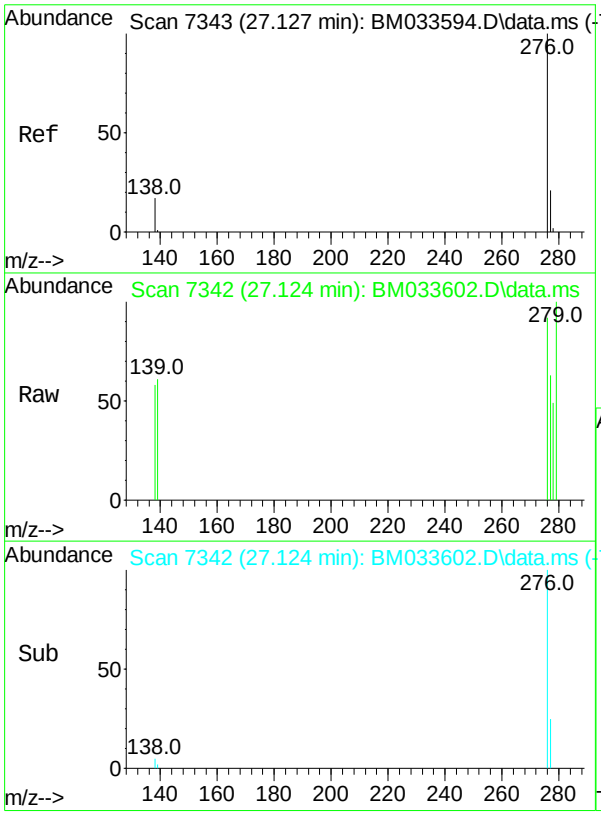


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.383 min Scan# 7036
Delta R.T. -0.017 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:278 Resp: 164

Ion	Ratio	Lower	Upper
278	100		
139	71.3	18.0	27.0#
279	128.7	28.6	42.8#

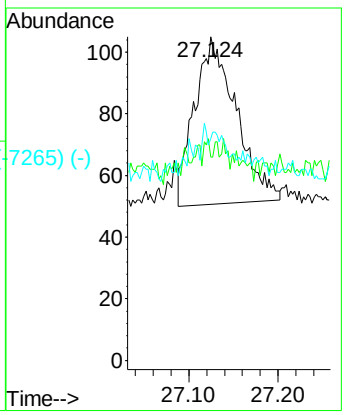




#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 27.124 min Scan#
Delta R.T. -0.015 min
Lab File: BM033602.D
Acq: 23 Dec 2021 07:49

Tgt Ion:276 Resp:

Ion	Ratio	Lower	Upper
276	100		
138	62.9	17.4	26.0
277	68.6	22.6	33.8



Instrument :
BNA_M
ClientSampleId :
BG3F5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021