Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040988.D
Acq On : 20 Jul 2023 19:13
Operator : MA/JU
Sample : 03452-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 20 21:39:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A46N4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3239	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	7787	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	3274	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	6379	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	4383	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	5636	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	15949	2.995	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	3883	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	5817	0.316	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.719	128	938	0.044	ng/ul#	75
7) 2-Methylnaphthalene	12.346	142	271	0.023	ng/ul	98
10) Acenaphthylene	14.240	152	965	0.070	ng/ul#	80
11) Acenaphthene	14.583	153	491	0.041	ng/ul	94
12) Fluorene	15.573	166	498	0.040	ng/ul#	93
15) Phenanthrene	17.312	178	7964	0.418	ng/ul	98
16) Anthracene	17.405	178	1584	0.107	ng/ul#	86
19) Fluoranthene	19.334	202	15532	0.686	ng/ul	99
20) Pyrene	19.696	202	15314	0.662	ng/ul	99
21) Benzo(a)anthracene	21.448	228	5583	0.418	ng/ul	95
22) Chrysene	21.501	228	7022	0.460	ng/ul	96
24) Benzo(b)fluoranthene	23.132	252	8531	0.394	ng/ul	94
25) Benzo(k)fluoranthene	23.170	252	3738m	0.182	ng/ul	
26) Benzo(a)pyrene	23.746	252	5946	0.318	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.330	276	4754	0.192	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.334	278	1037	0.055	ng/ul#	48
29) Benzo(g,h,i)perylene	27.092	276	5084	0.222	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040988.D
Acq On : 20 Jul 2023 19:13
Operator : MA/JU
Sample : 03452-07
Misc :
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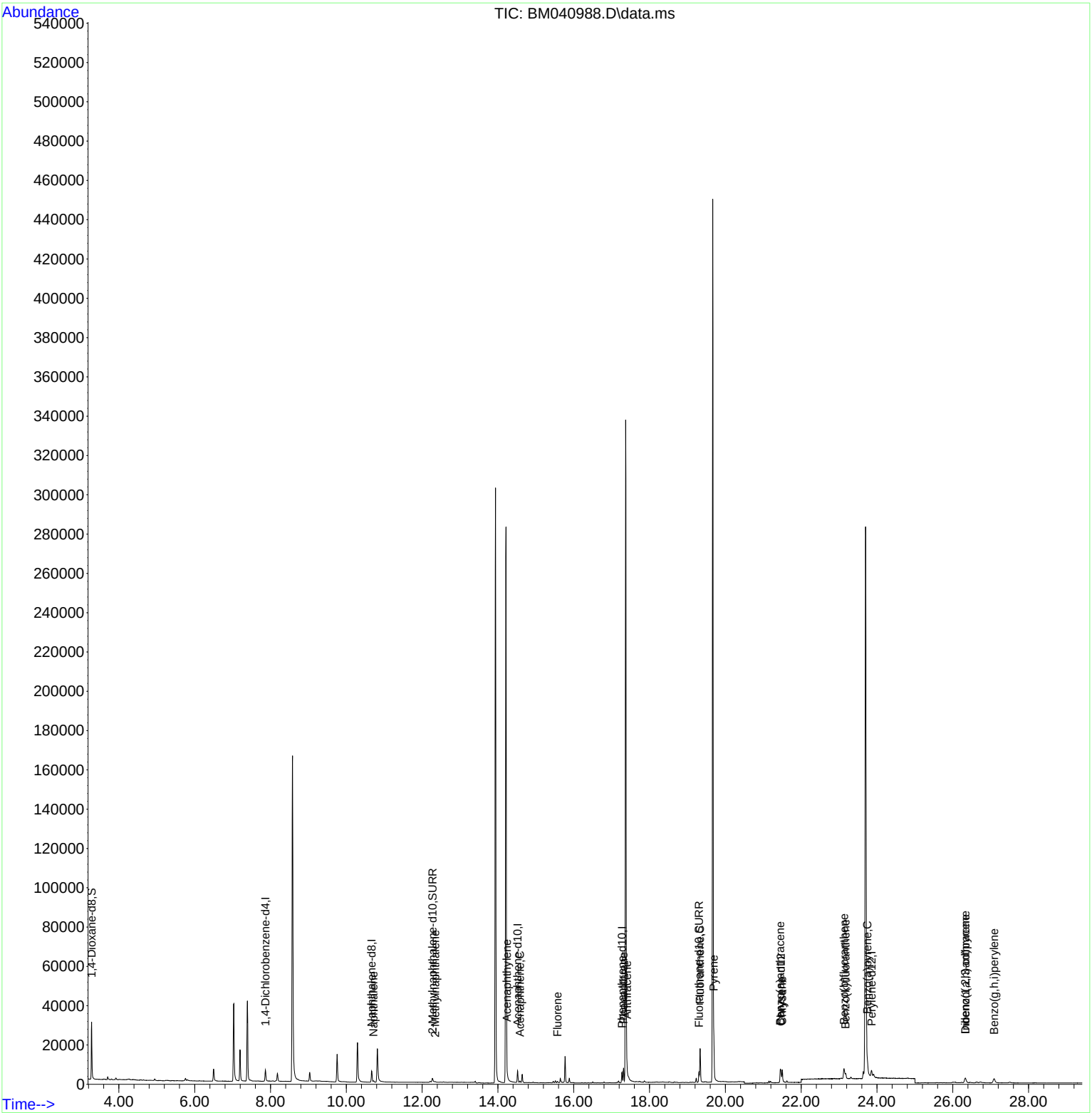
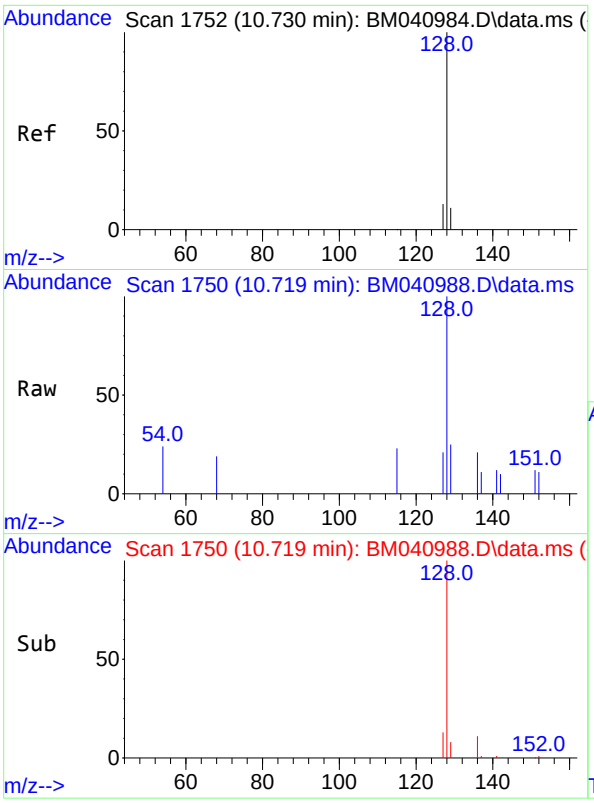
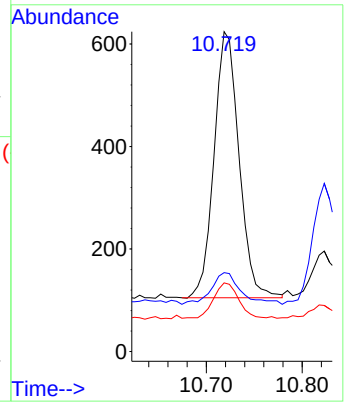




#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.719 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:128 Resp: 93

Ion	Ratio	Lower	Upper
128	100		
129	24.7	9.8	14.8#
127	21.5	11.0	16.4#



Instrument :
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ClientSampleId :
A46N4

Manual Integrations
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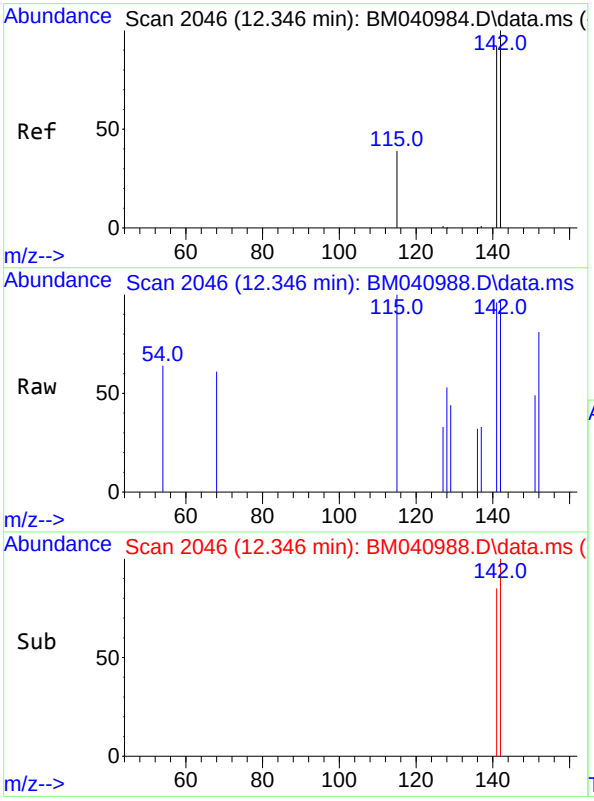
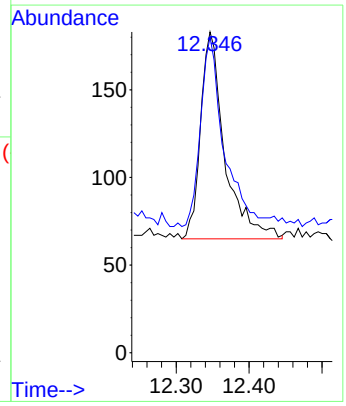
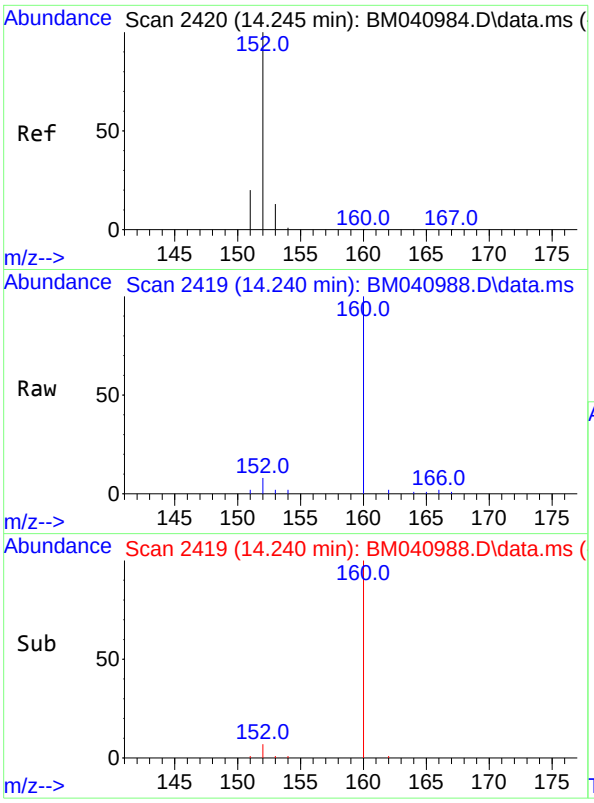


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:142 Resp: 271

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8

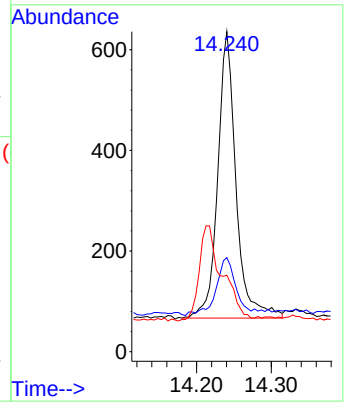




#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.240 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:152 Resp: 96

Ion	Ratio	Lower	Upper
152	100		
151	29.4	16.8	25.2#
153	23.9	11.6	17.4#



Instrument :
BNA_M
ClientSampleId :
A46N4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
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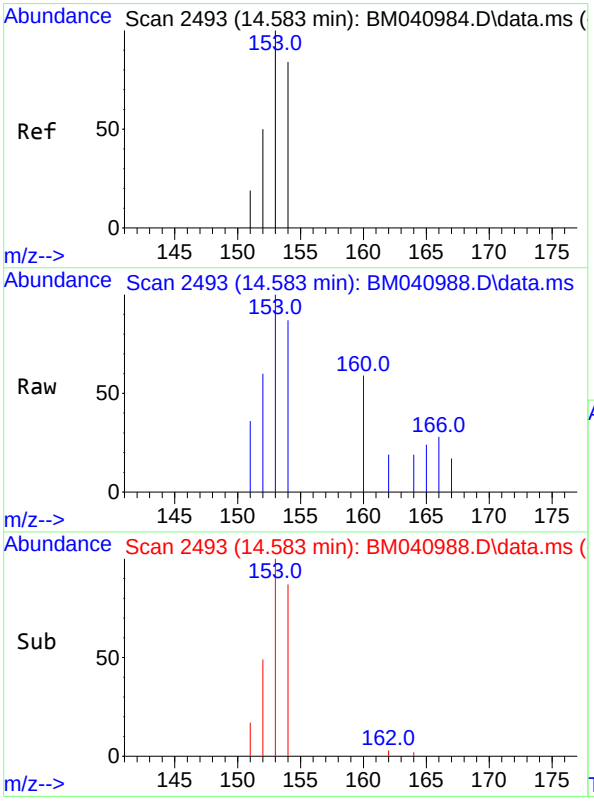
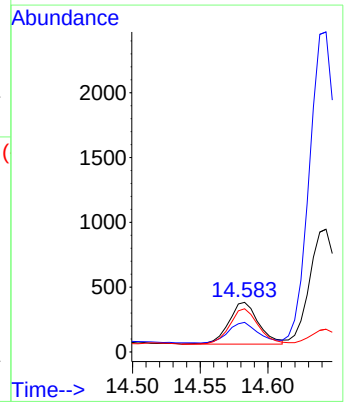
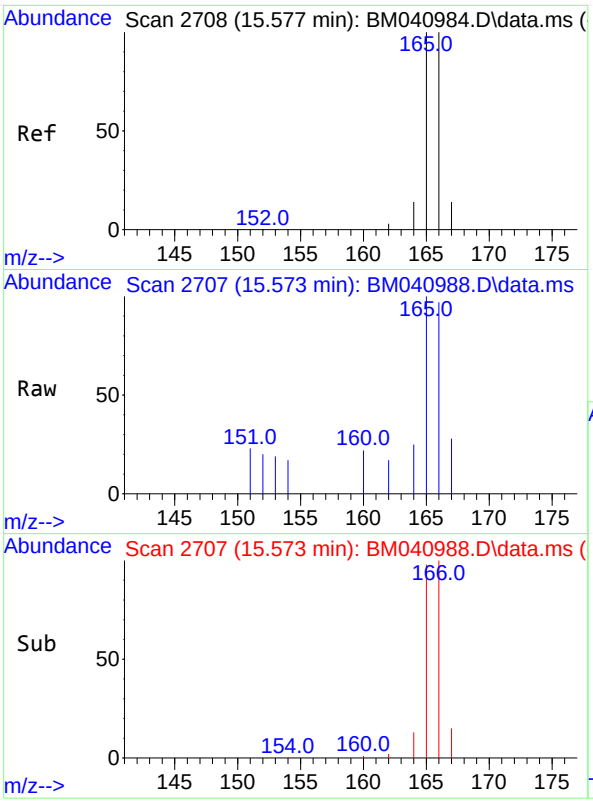


#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:153 Resp: 491

Ion	Ratio	Lower	Upper
153	100		
152	59.8	41.0	61.6
154	87.2	68.2	102.2

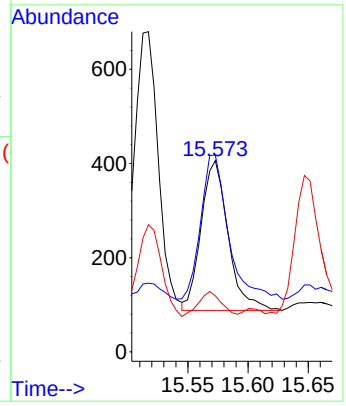




#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.573 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:166 Resp: 49

Ion	Ratio	Lower	Upper
166	100		
165	103.0	80.3	120.5
167	29.3	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
A46N4

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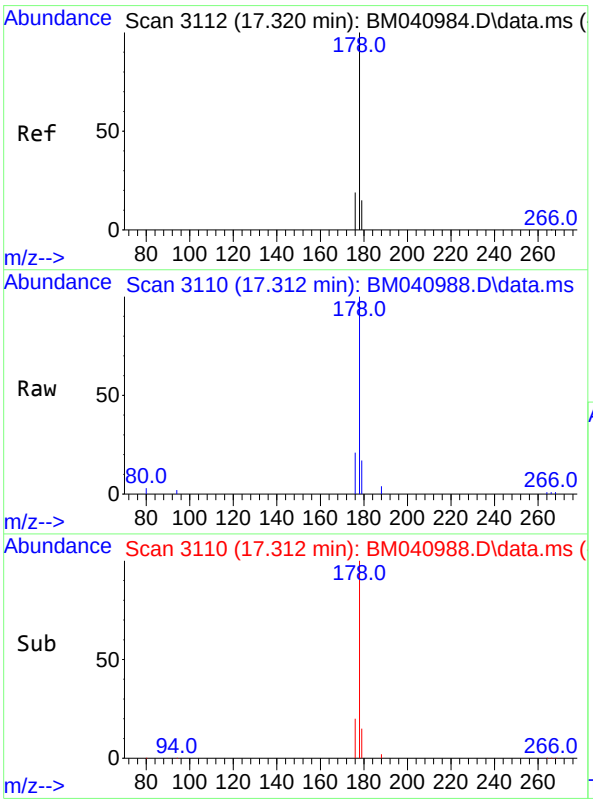
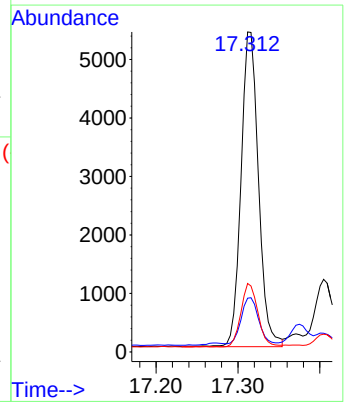
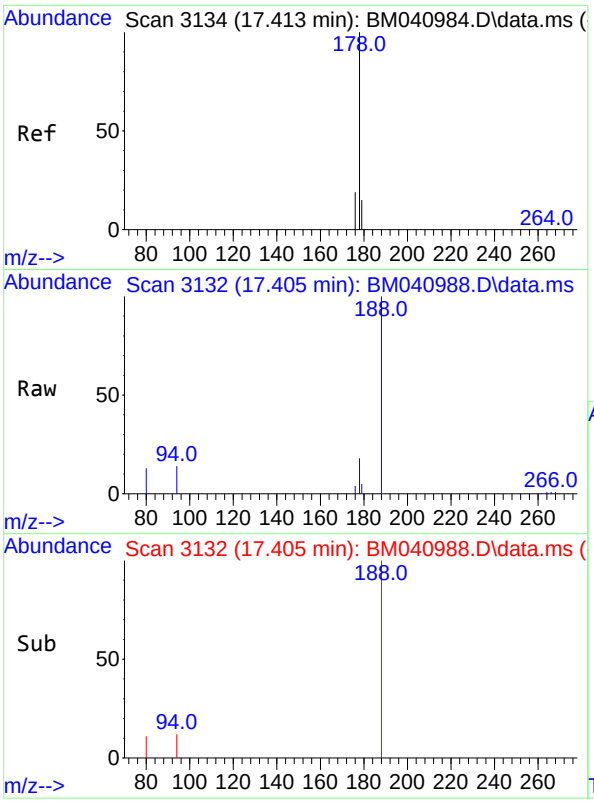


#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:178 Resp: 7964

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	21.4	16.2	24.4

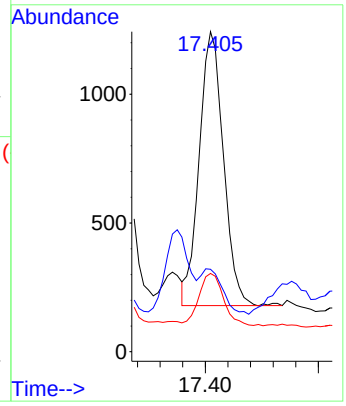




#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.405 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:178 Resp: 158

Ion	Ratio	Lower	Upper
178	100		
179	25.7	13.7	20.5#
176	24.5	16.4	24.6



Instrument :
BNA_M
ClientSampleId :
A46N4

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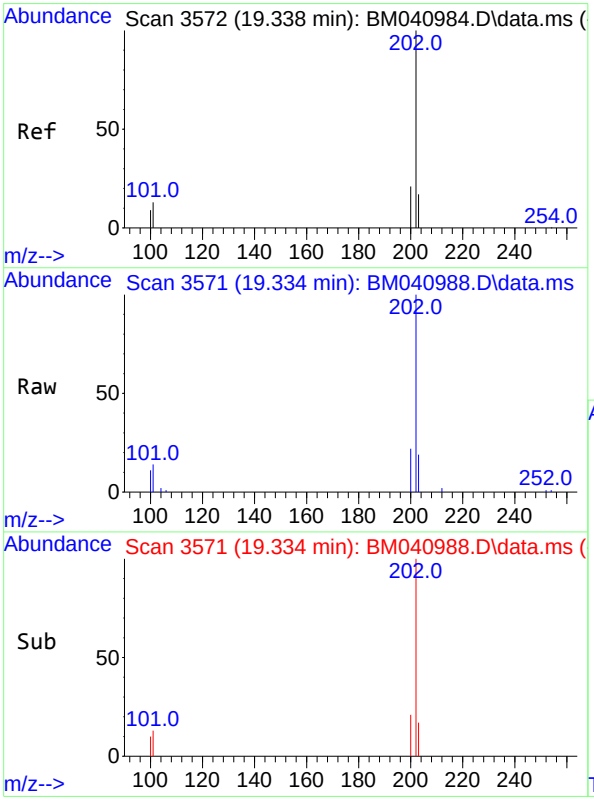
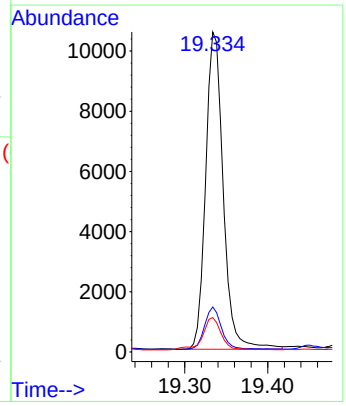
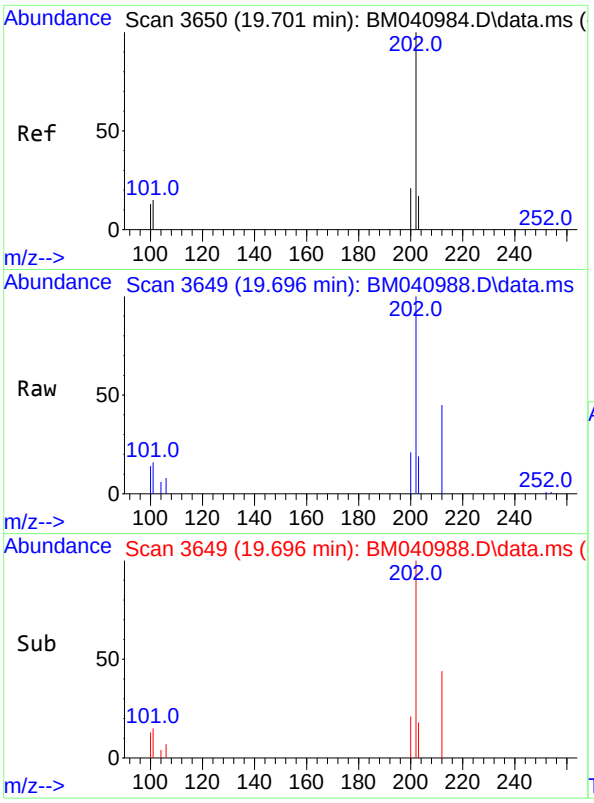


#19
Fluoranthene
Concen: 0.686 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:202 Resp: 15532

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
100	10.7	8.3	12.5

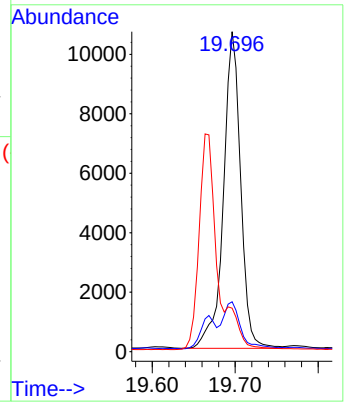




#20
Pyrene
Concen: 0.662 ng/ul
RT: 19.696 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:202 Resp: 1531

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.5	18.7
100	13.6	10.0	15.0



Instrument :
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ClientSampleId :
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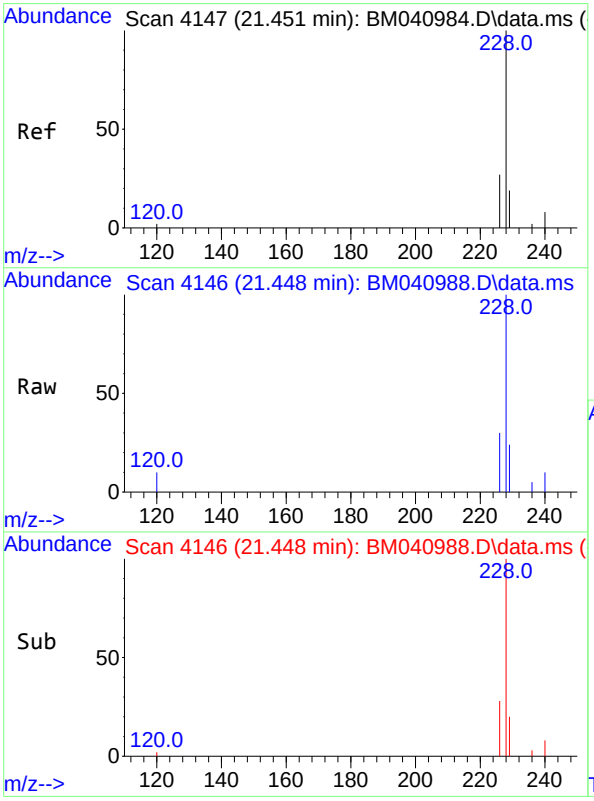
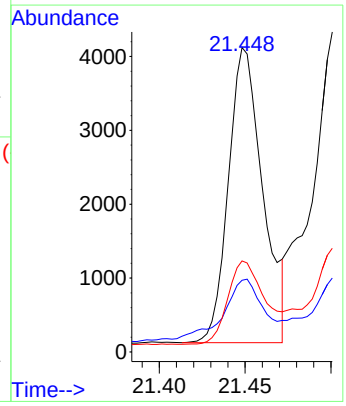
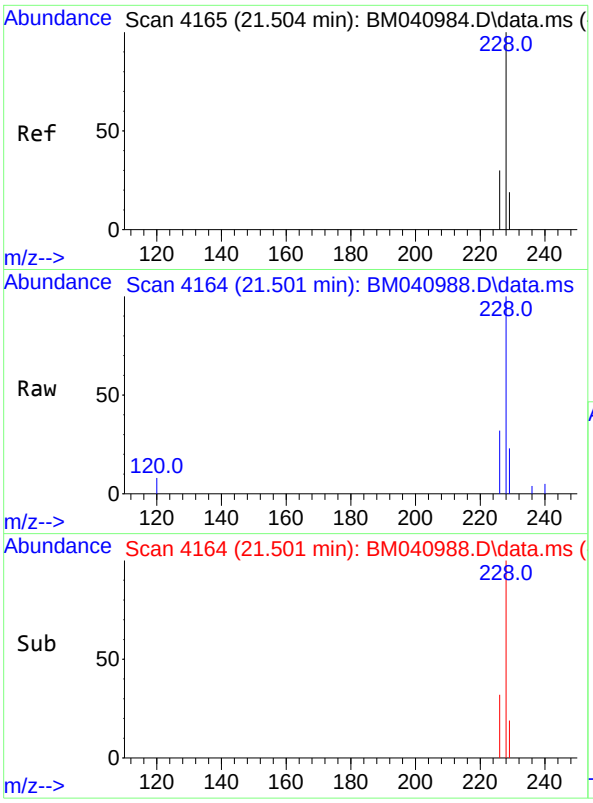


#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:228 Resp: 5583

Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.2	24.4
226	29.9	22.3	33.5

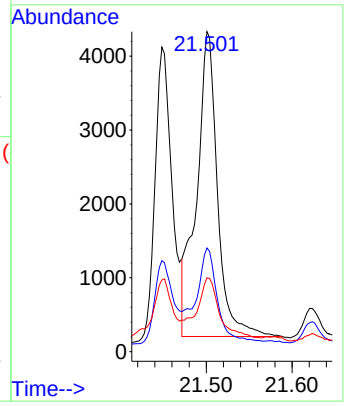




#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:228 Resp: 702

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	23.1	16.1	24.1



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ClientSampleId :
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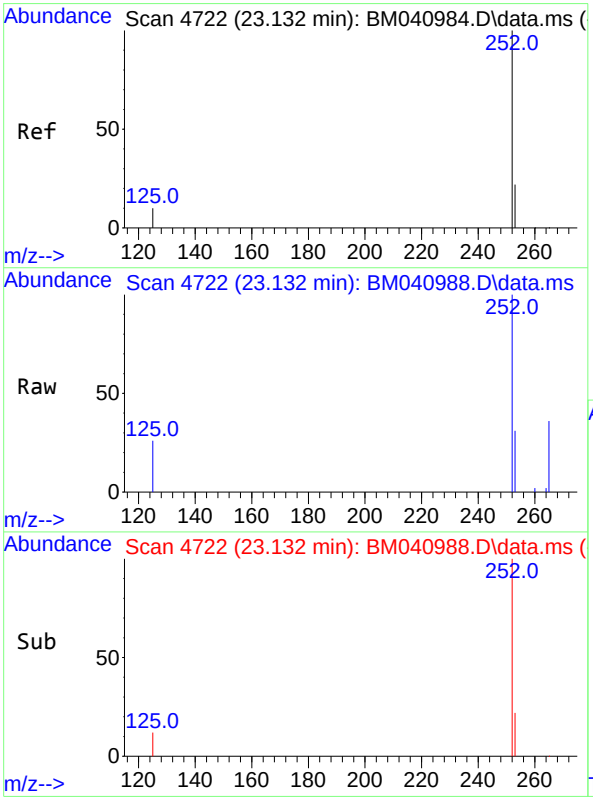
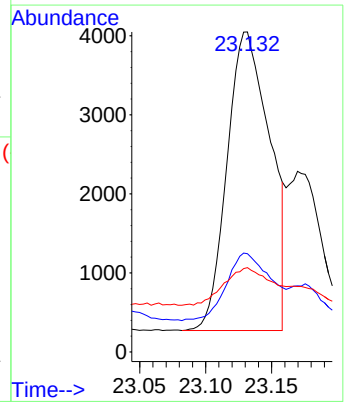
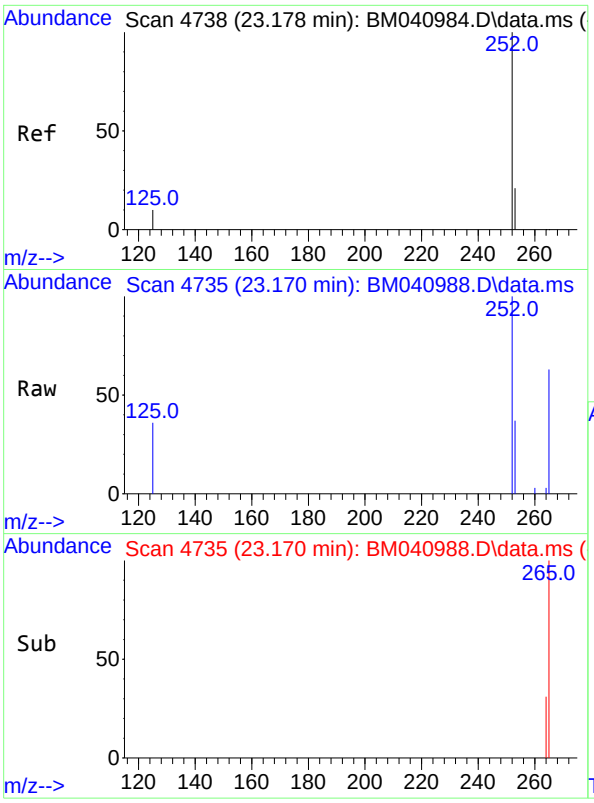


#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:252 Resp: 8531

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	57.4
125	26.4	0.0	45.2

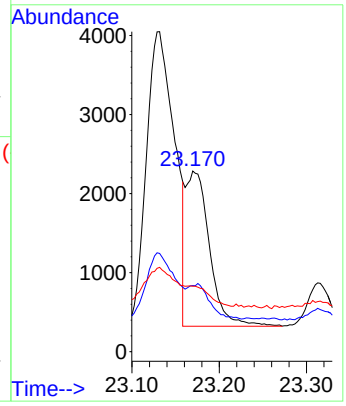




#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul m
RT: 23.170 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:252 Resp: 373

Ion	Ratio	Lower	Upper
252	100		
253	36.6	23.3	34.9
125	36.3	18.2	27.2



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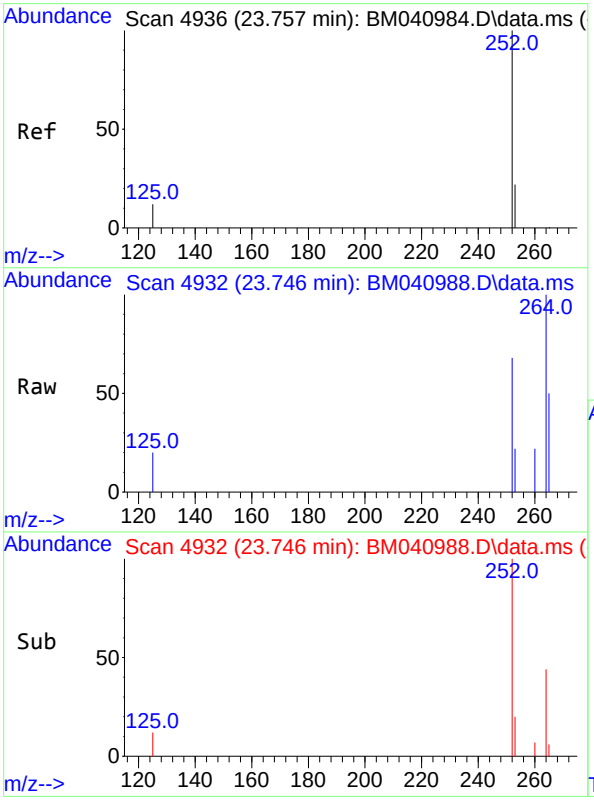
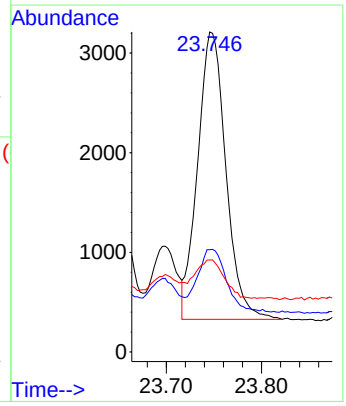
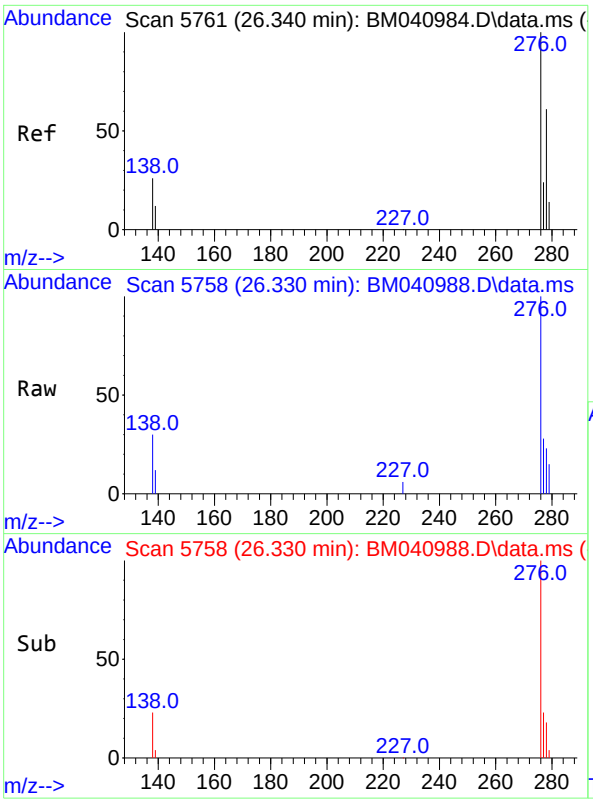


#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.017 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:252 Resp: 5946

Ion	Ratio	Lower	Upper
252	100		
253	32.0	28.2	42.2
125	28.7	25.2	37.8

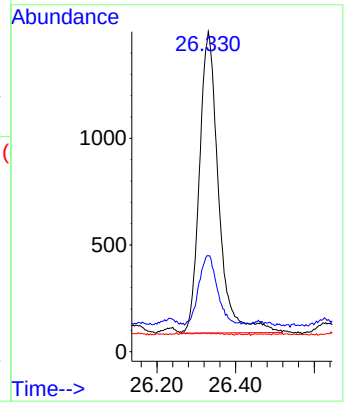




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.330 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:276 Resp: 475

Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.3	33.5
227	0.5	0.0	0.0#



Instrument :
BNA_M
ClientSampleId :
A46N4

Manual Integrations
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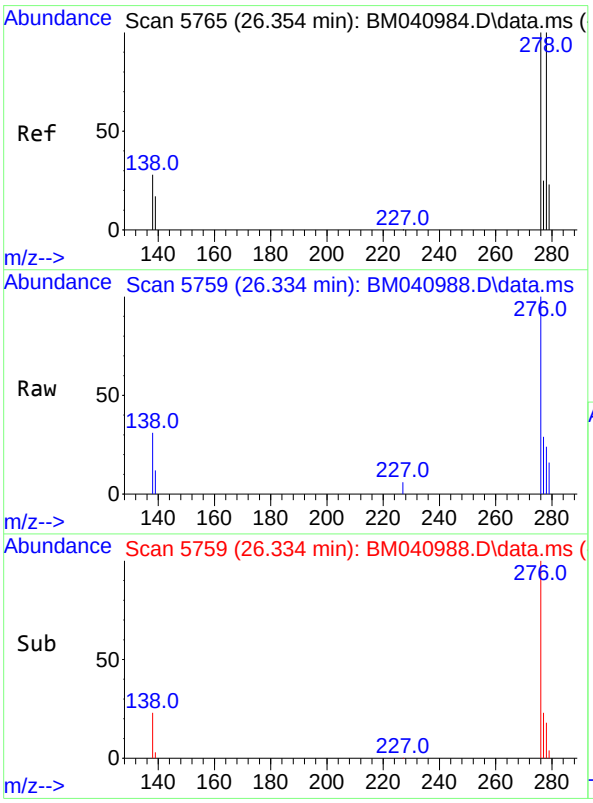
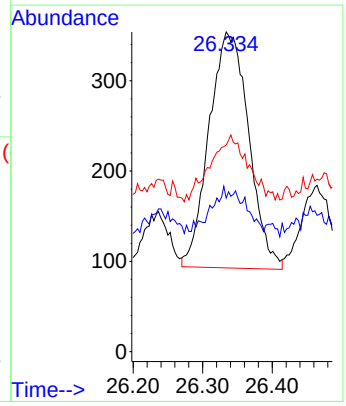
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

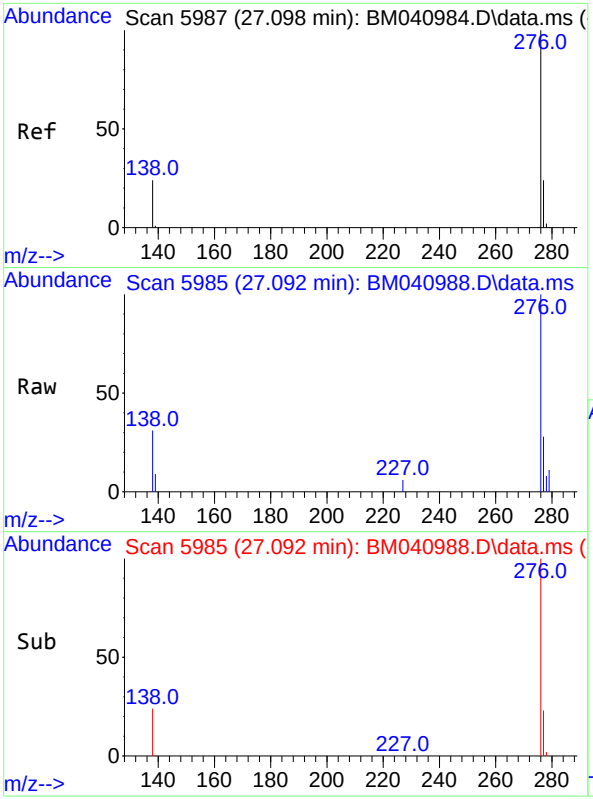


#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.033 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:278 Resp: 1037

Ion	Ratio	Lower	Upper
278	100		
139	48.0	19.2	28.8#
279	64.7	27.0	40.6#

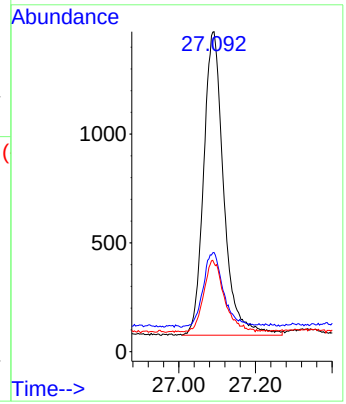




#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 27.092 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040988.D
Acq: 20 Jul 2023 19:13

Tgt Ion:276 Resp: 508

Ion	Ratio	Lower	Upper
276	100		
138	31.0	22.6	34.0
277	27.7	21.2	31.8



Instrument :
BNA_M
ClientSampleId :
A46N4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023