Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031607.D
Acq On : 09 Aug 2021 17:23
Operator : CG/JU
Sample : PB138030BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS030

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Quant Time: Aug 09 17:57:51 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 09 10:16:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1080	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4004	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2214	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	4216	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	3413	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	3365	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	711	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	2082	0.309	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3956	0.347	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	1759	1.452	ng/ul#	73
5) Naphthalene	10.392	128	3658	0.307	ng/ul	97
7) 2-Methylnaphthalene	12.016	142	2483	0.305	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	2210	0.274	ng/ul	99
10) Acenaphthylene	13.936	152	3042	0.323	ng/ul	98
11) Acenaphthene	14.277	153	2404	0.303	ng/ul	98
12) Fluorene	15.270	166	2642	0.289	ng/ul	98
14) Pentachlorophenol	16.628	266	777	0.575	ng/ul	99
15) Phenanthrene	17.009	178	4093	0.306	ng/ul	99
16) Anthracene	17.100	178	3887	0.310	ng/ul	97
19) Fluoranthene	19.028	202	4743	0.325	ng/ul#	93
20) Pyrene	19.394	202	4887	0.331	ng/ul#	93
21) Benzo(a)anthracene	21.144	228	4589	0.333	ng/ul	96
22) Chrysene	21.195	228	4759	0.334	ng/ul	99
24) Benzo(b)fluoranthene	22.677	252	4933m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.718	252	4792	0.306	ng/ul#	83
26) Benzo(a)pyrene	23.224	252	4148	0.312	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.458	276	5199	0.303	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.473	278	4245	0.307	ng/ul#	72
29) Benzo(g,h,i)perylene	26.100	276	4453	0.304	ng/ul#	88

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

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Data File : BM031607.D
Acq On : 09 Aug 2021 17:23
Operator : CG/JU
Sample : PB138030BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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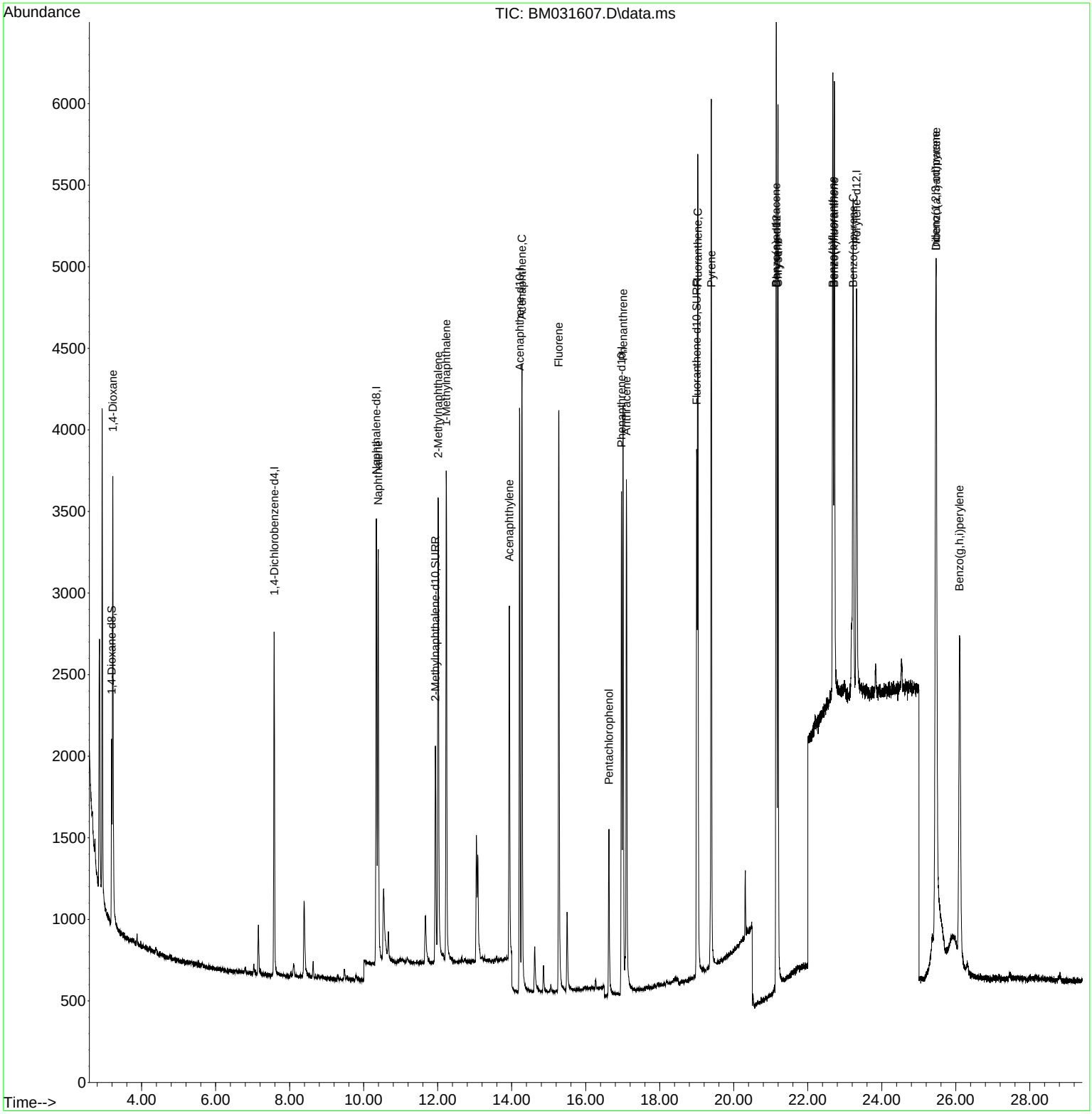
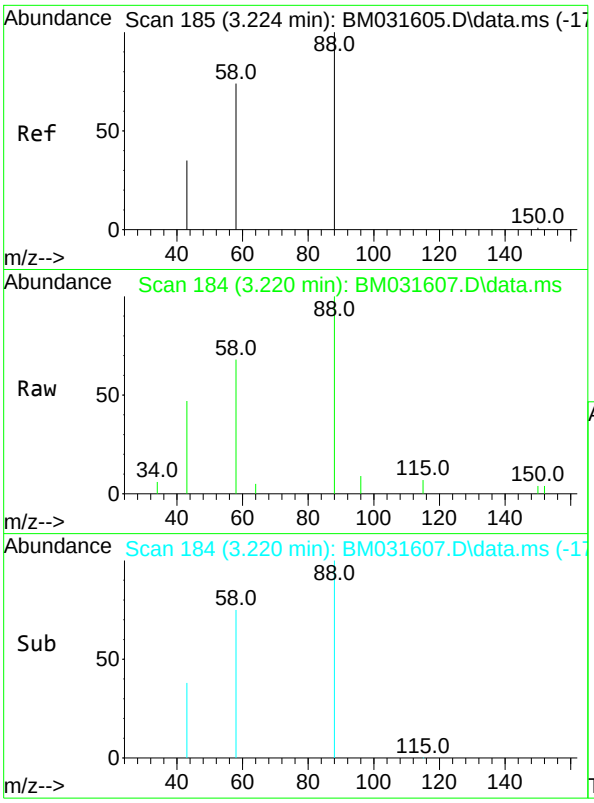
Quant Time: Aug 09 17:57:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

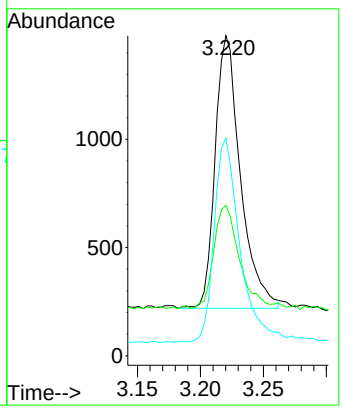




#2
1,4-Dioxane
Concen: 1.452 ng/ul
RT: 3.220 min Scan# 184
Delta R.T. -0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion: 88 Resp: 1759

Ion	Ratio	Lower	Upper
88	100		
43	47.0	29.7	44.5#
58	68.0	35.6	53.4#



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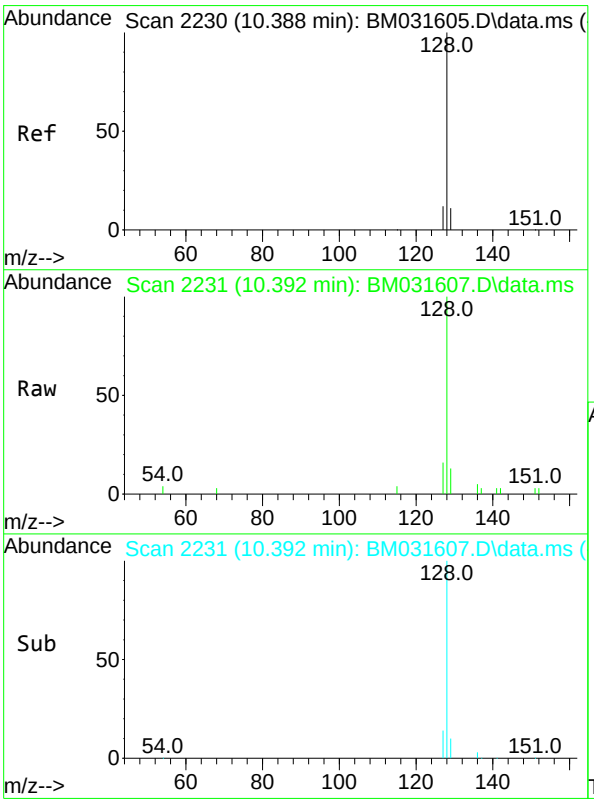
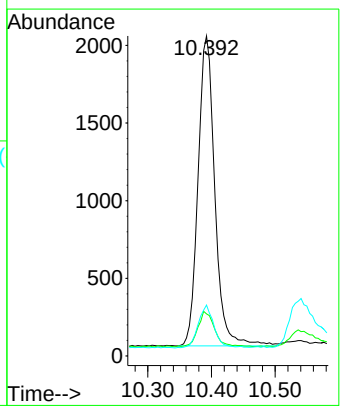
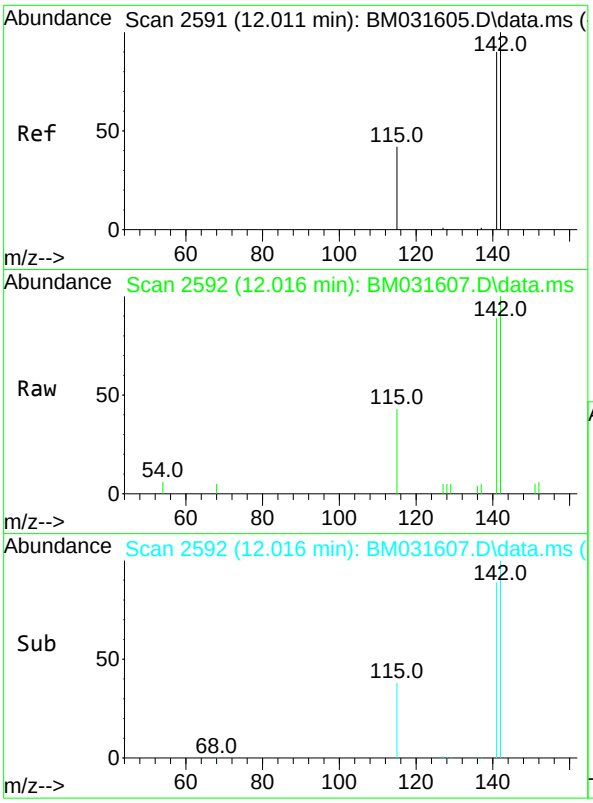


#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. 0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:128 Resp: 3658

Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.0	15.0
127	15.9	11.6	17.4

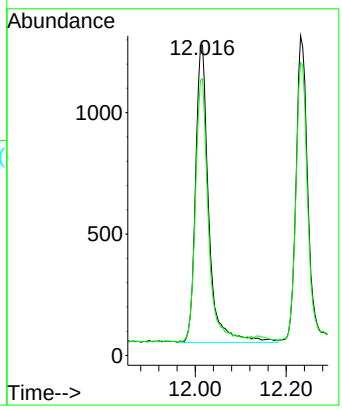


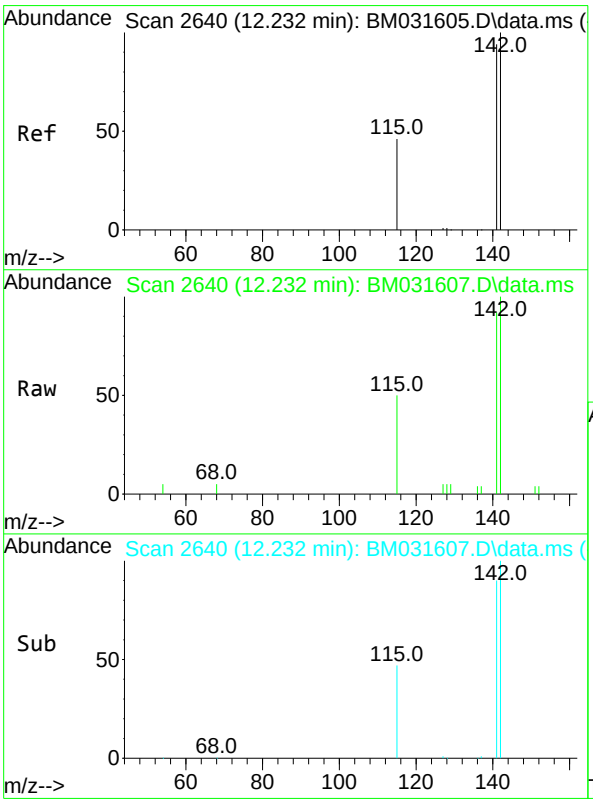


#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. 0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:142 Resp: 2483

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.4	107.0

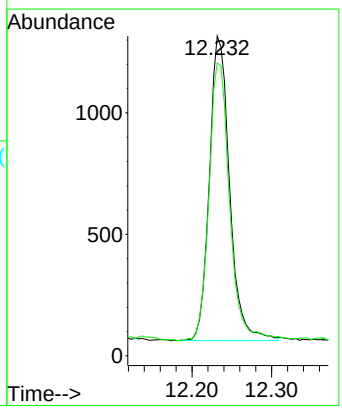




#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:142 Resp: 2210

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
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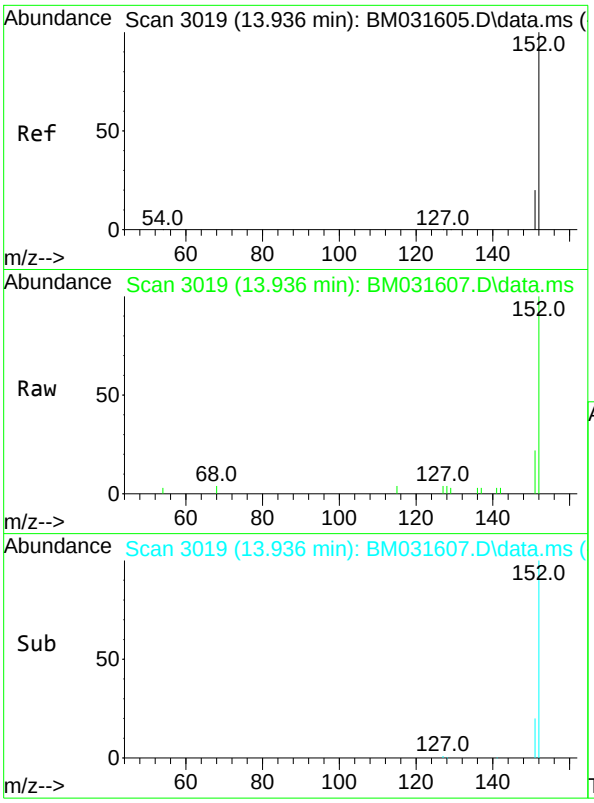
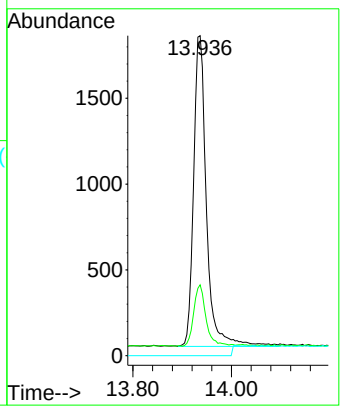


#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. 0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:152 Resp: 3042

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.9	25.3
153	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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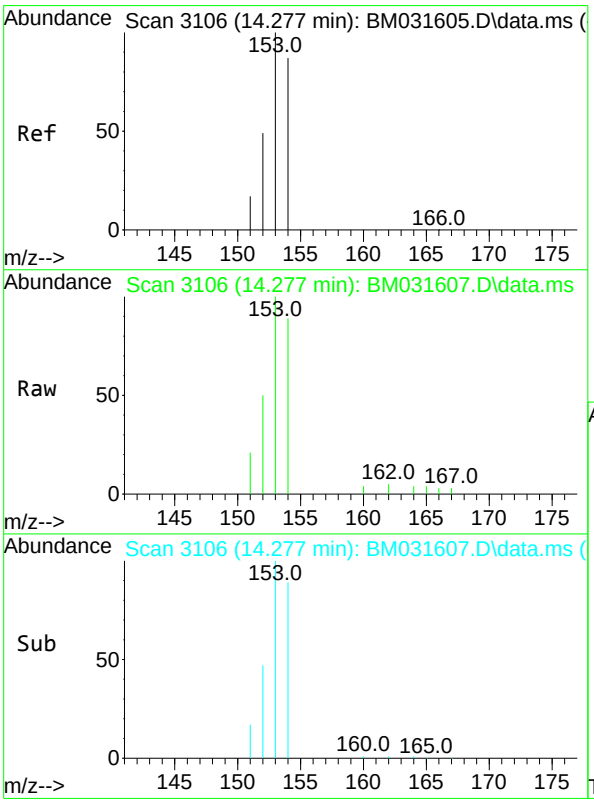
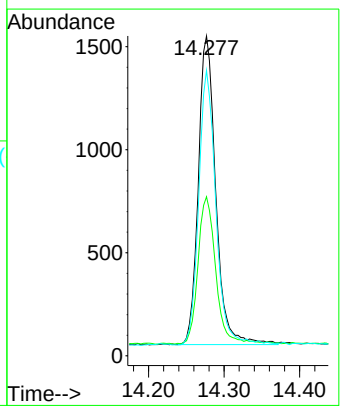
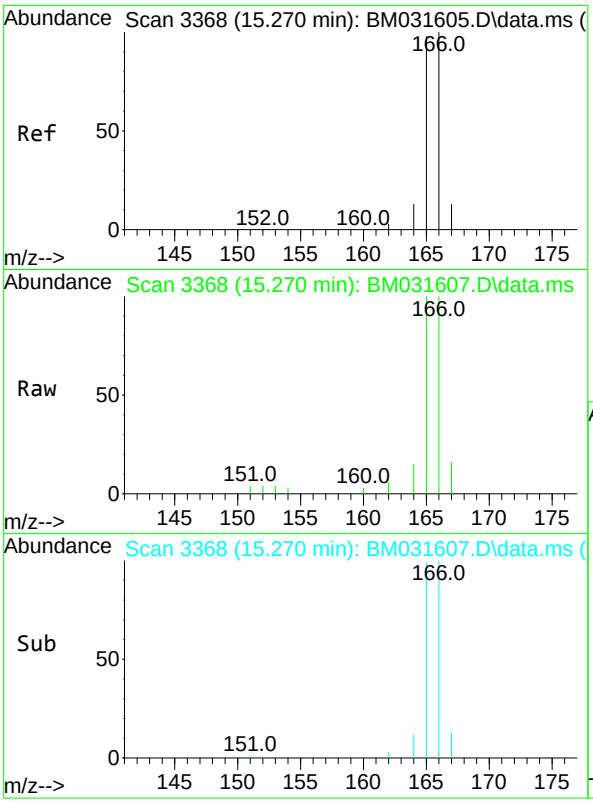


#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:153 Resp: 2404

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.7	61.1
154	89.2	70.2	105.2

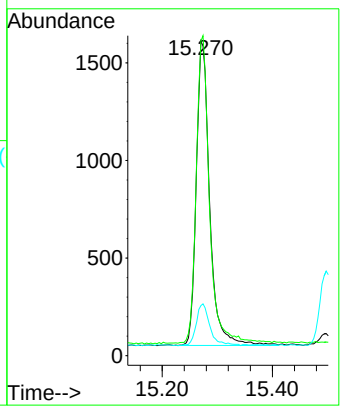




#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:166 Resp: 2642

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.0	117.0
167	15.9	12.0	18.0



Instrument :
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ClientSampleId :
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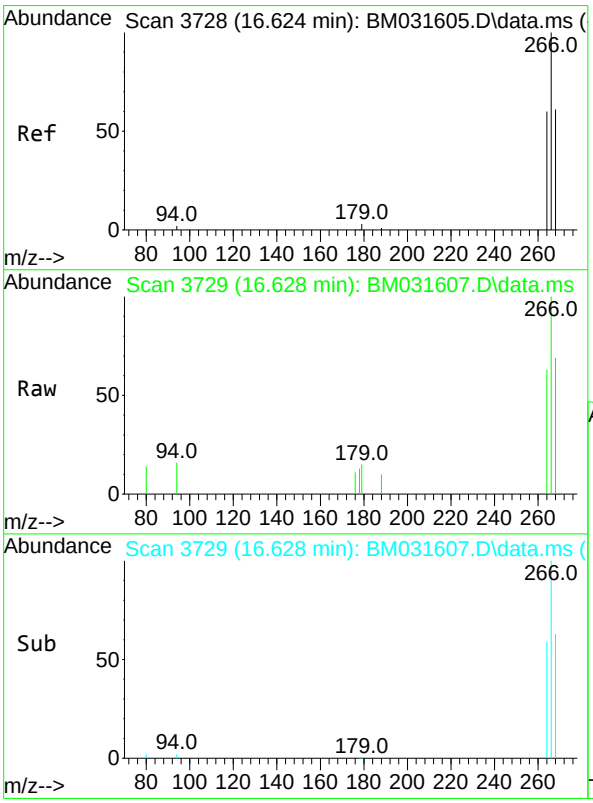
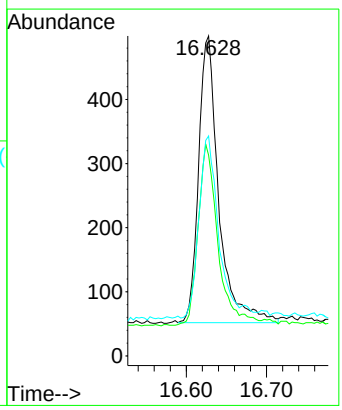
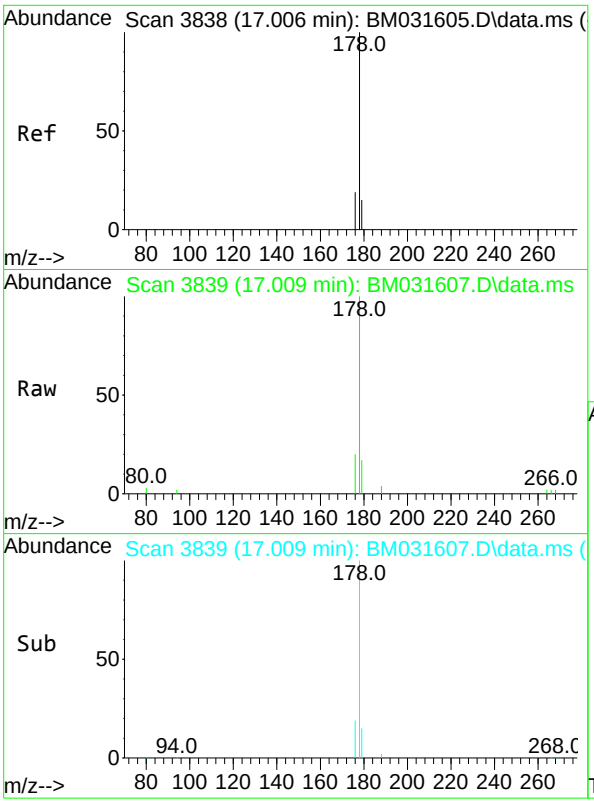


#14
Pentachlorophenol
Concen: 0.575 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. -0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:266 Resp: 777

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.1	75.1
268	63.2	51.3	76.9

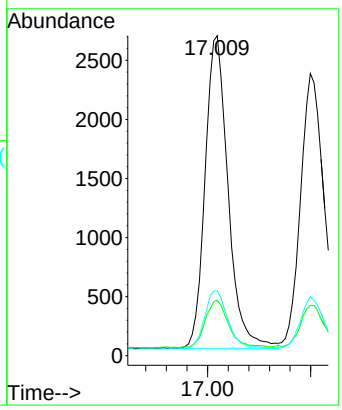


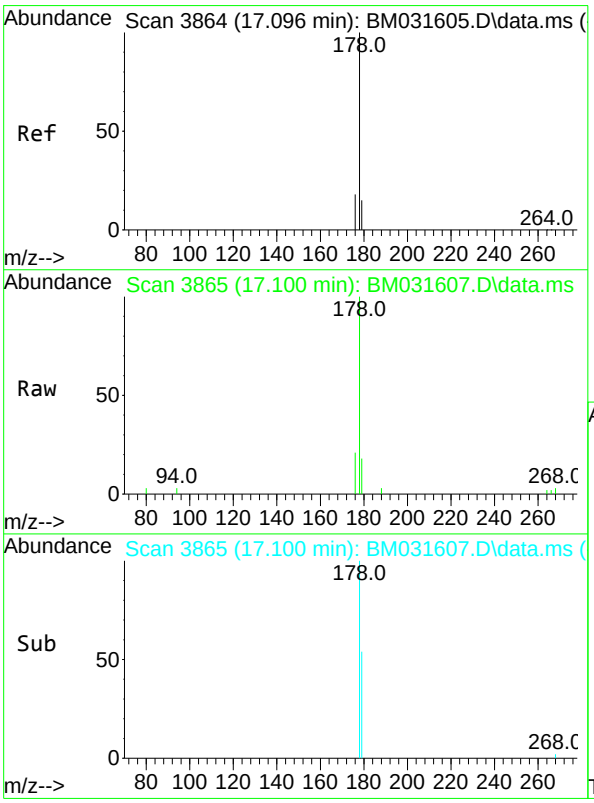


#15
Phenanthrene
Concen: 0.306 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:178 Resp: 4093

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.3	19.9
176	20.3	16.2	24.4

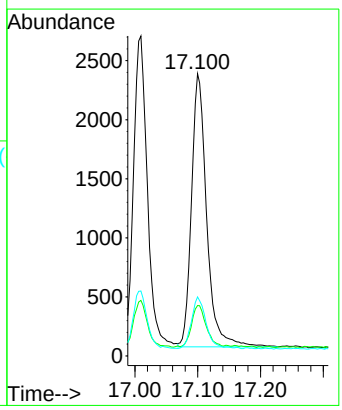




#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.004 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:178 Resp: 3887

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.0	19.6
176	20.9	15.6	23.4



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ClientSampleId :
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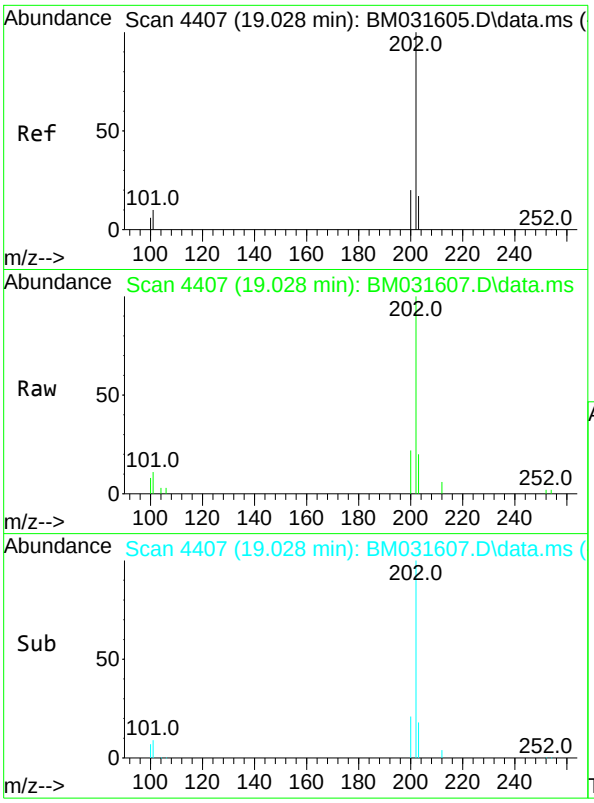
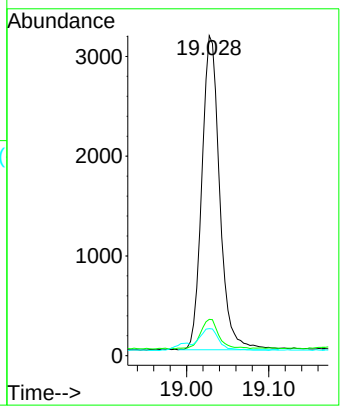


#19
Fluoranthene
Concen: 0.325 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:202 Resp: 4743

Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.6	10.0#
100	8.4	5.4	8.0#



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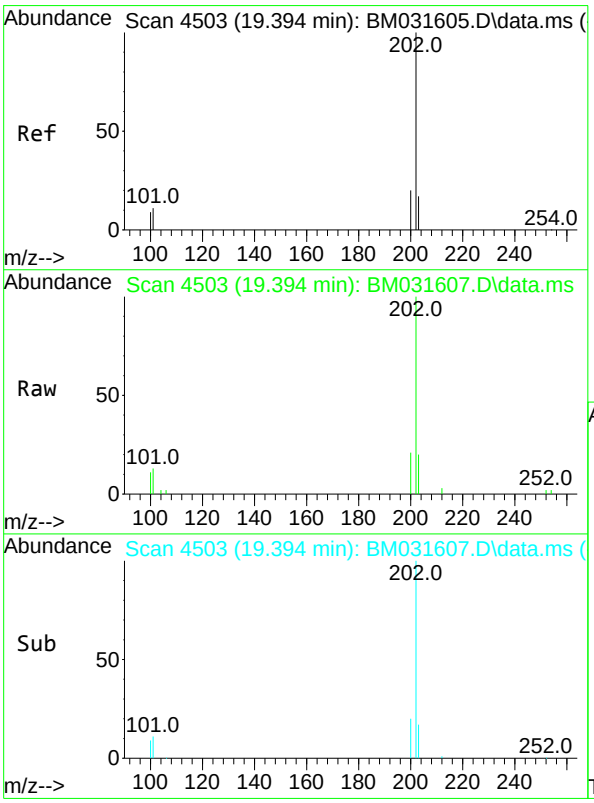
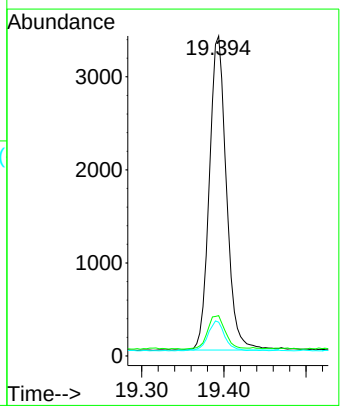
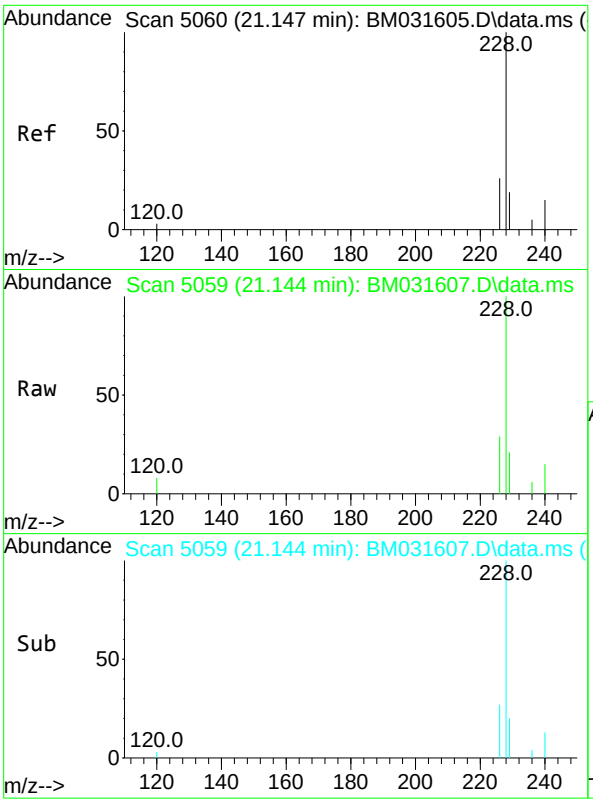


#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:202 Resp: 4887

Ion	Ratio	Lower	Upper
202	100		
101	12.6	7.8	11.6#
100	10.6	6.6	10.0#

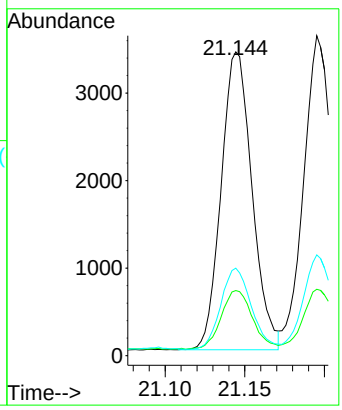




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.002 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:228 Resp: 4589

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	28.8	21.7	32.5



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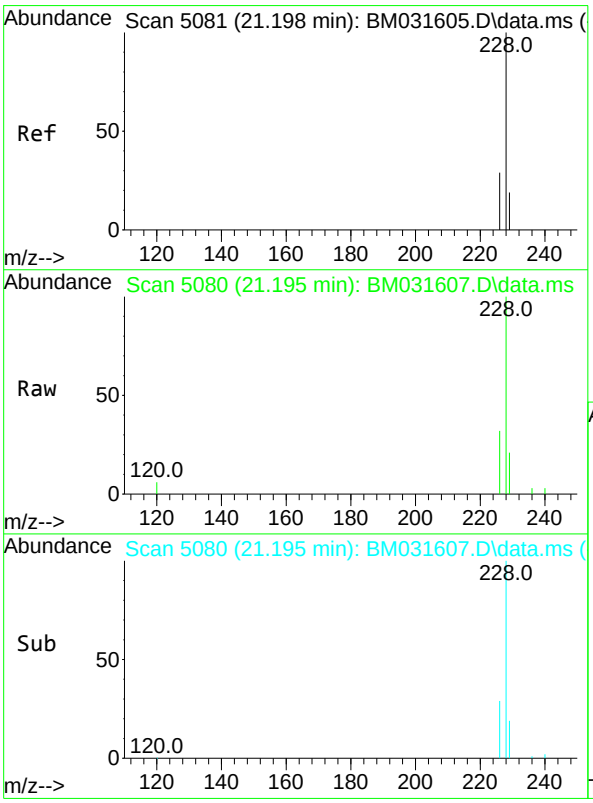
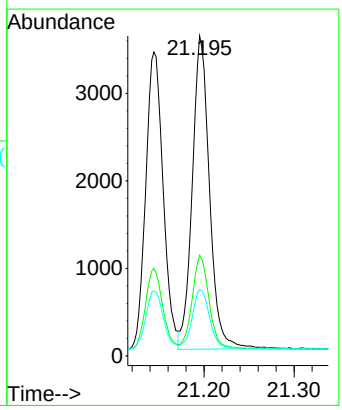
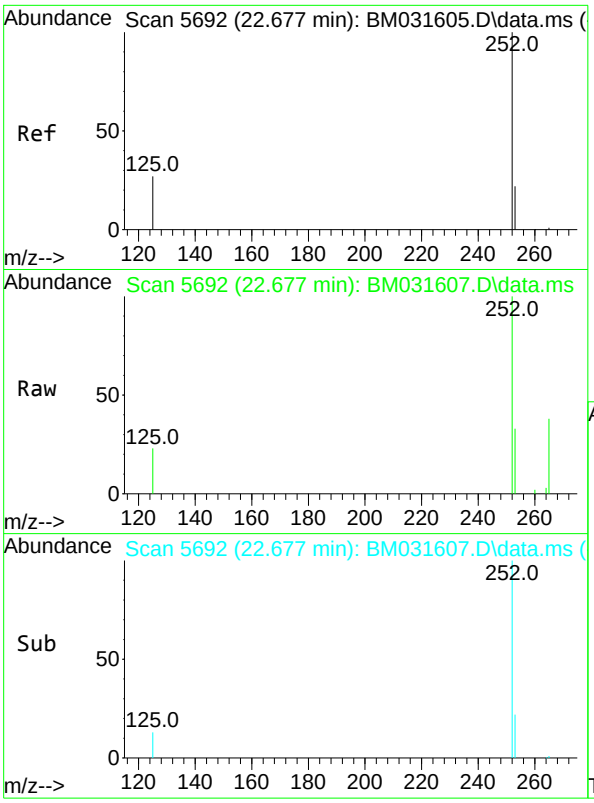


#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:228 Resp: 4759

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	20.8	16.2	24.2

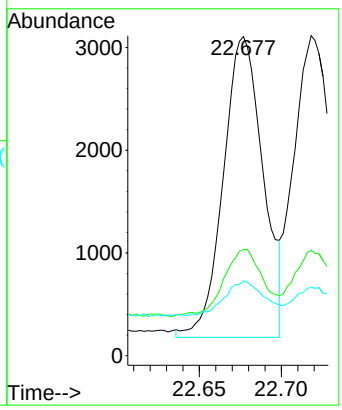


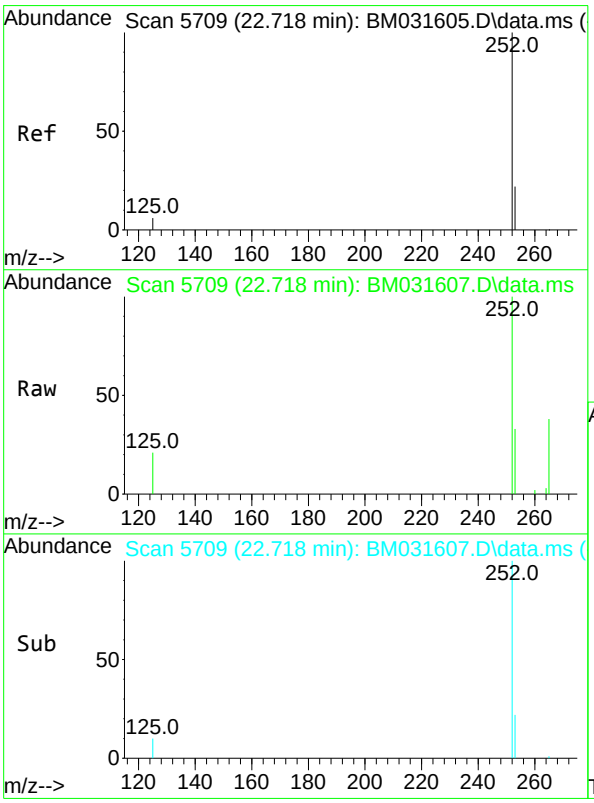


#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:252 Resp: 4933

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	53.0
125	23.4	0.0	22.8#

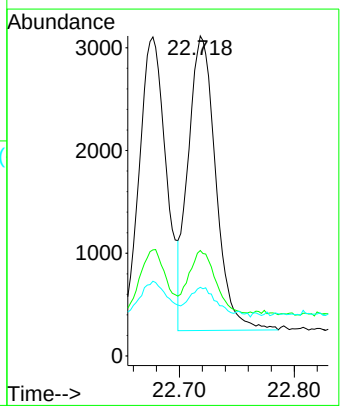




#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 22.718 min Scan# 5709
Delta R.T. -0.002 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:252 Resp: 4792

Ion	Ratio	Lower	Upper
252	100		
253	32.9	21.3	31.9#
125	21.5	8.8	13.2#



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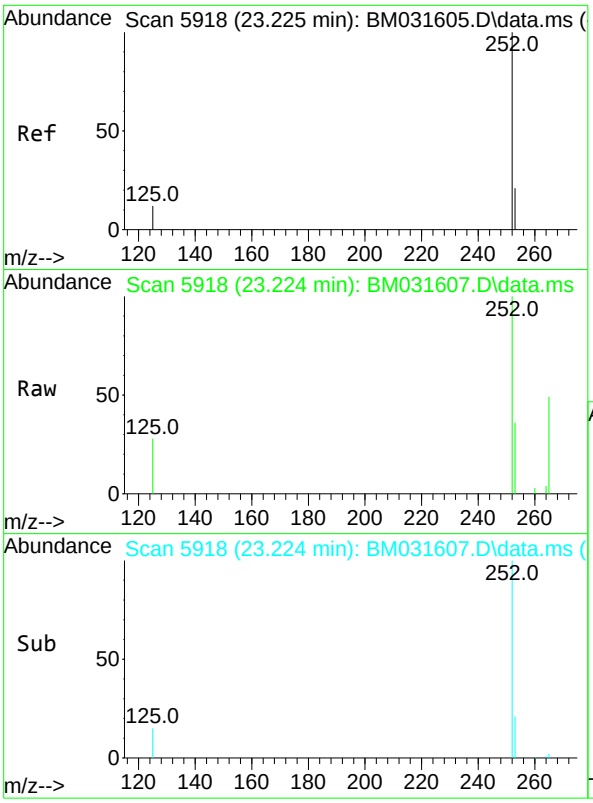
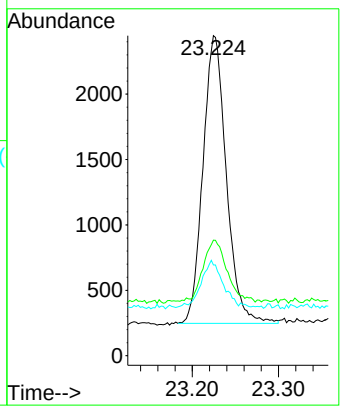
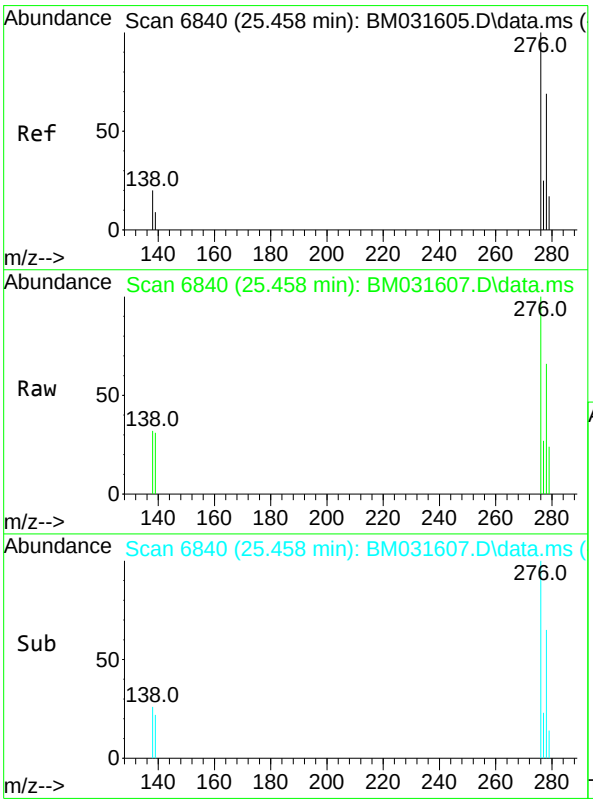


#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:252 Resp: 4148

Ion	Ratio	Lower	Upper
252	100		
253	36.1	22.4	33.6#
125	28.4	13.0	19.4#

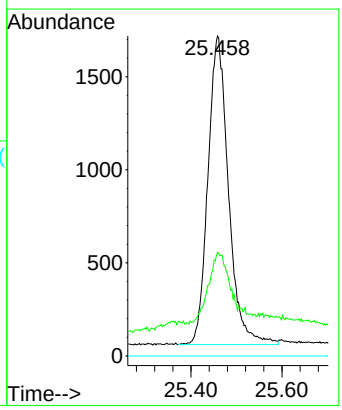




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. 0.005 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:276 Resp: 5199

Ion	Ratio	Lower	Upper
276	100		
138	27.3	15.8	23.8#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SLCS030

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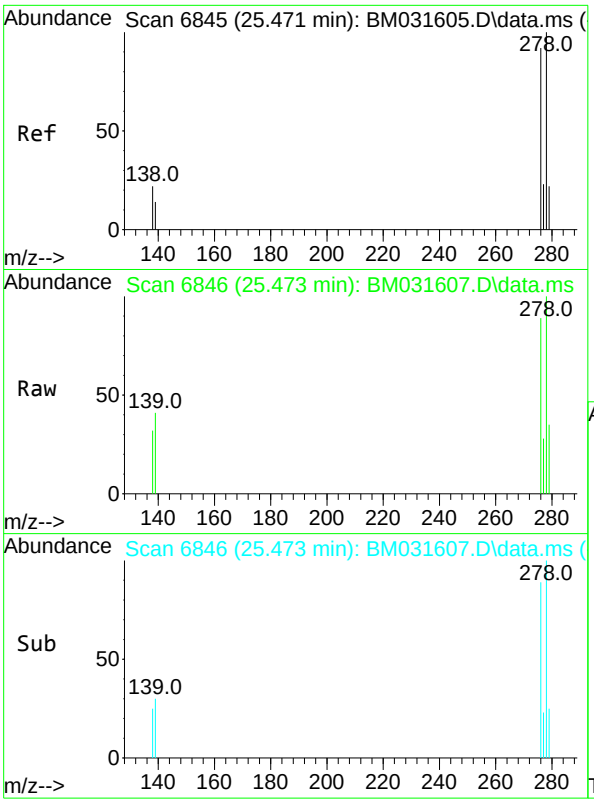
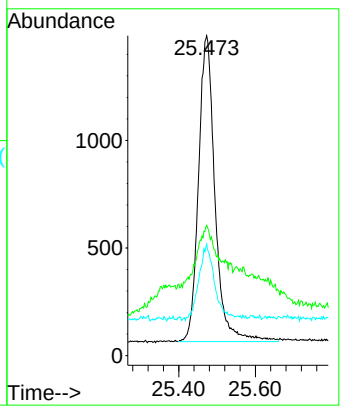


#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. 0.005 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:278 Resp: 4245

Ion	Ratio	Lower	Upper
278	100		
139	40.8	13.3	19.9#
279	34.8	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
SLCS030

Manual Integrations APPROVED
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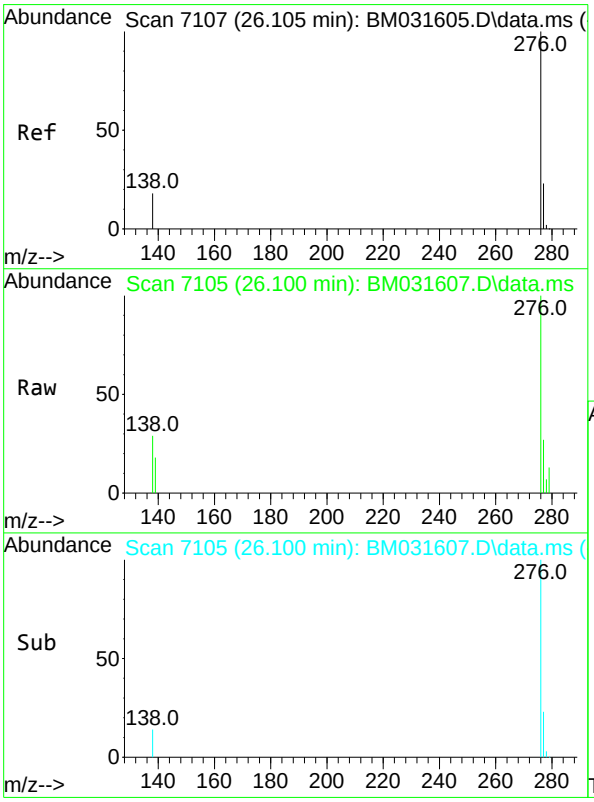

#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. 0.002 min
Lab File: BM031607.D
Acq: 09 Aug 2021 17:23

Tgt Ion:276 Resp: 4453

Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.4	23.2#
277	27.2	19.9	29.9