Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031595.D
Acq On : 09 Aug 2021 09:58
Operator : CG/JU
Sample : PB138141BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS141

Quant Time: Aug 09 10:35:07 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	7.580	152	973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	3558	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	1940	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3789	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	2983	0.400	ng/ul	0.00
23) Perylene-d12	23.319	264	2835	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	708	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1782	0.297	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3189	0.320	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	1686	1.544	ng/ul#	80
5) Naphthalene	10.392	128	3118	0.294	ng/ul	98
7) 2-Methylnaphthalene	12.016	142	2006	0.277	ng/ul	98
8) 1-Methylnaphthalene	12.236	142	1855	0.259	ng/ul	99
10) Acenaphthylene	13.936	152	2497	0.302	ng/ul	97
11) Acenaphthene	14.277	153	1992	0.286	ng/ul	96
12) Fluorene	15.274	166	2159	0.270	ng/ul	97
14) Pentachlorophenol	16.624	266	589	0.485	ng/ul	98
15) Phenanthrene	17.006	178	3344	0.278	ng/ul	99
16) Anthracene	17.100	178	3165	0.281	ng/ul	97
19) Fluoranthene	19.028	202	3812	0.299	ng/ul#	97
20) Pyrene	19.390	202	3918	0.303	ng/ul#	95
21) Benzo(a)anthracene	21.144	228	3473	0.288	ng/ul	96
22) Chrysene	21.195	228	3737	0.300	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	3657	0.286	ng/ul	92
25) Benzo(k)fluoranthene	22.718	252	3869	0.293	ng/ul#	91
26) Benzo(a)pyrene	23.224	252	3171	0.283	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.453	276	3875	0.268	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.470	278	3004	0.258	ng/ul#	92
29) Benzo(g,h,i)perylene	26.098	276	3629	0.294	ng/ul#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
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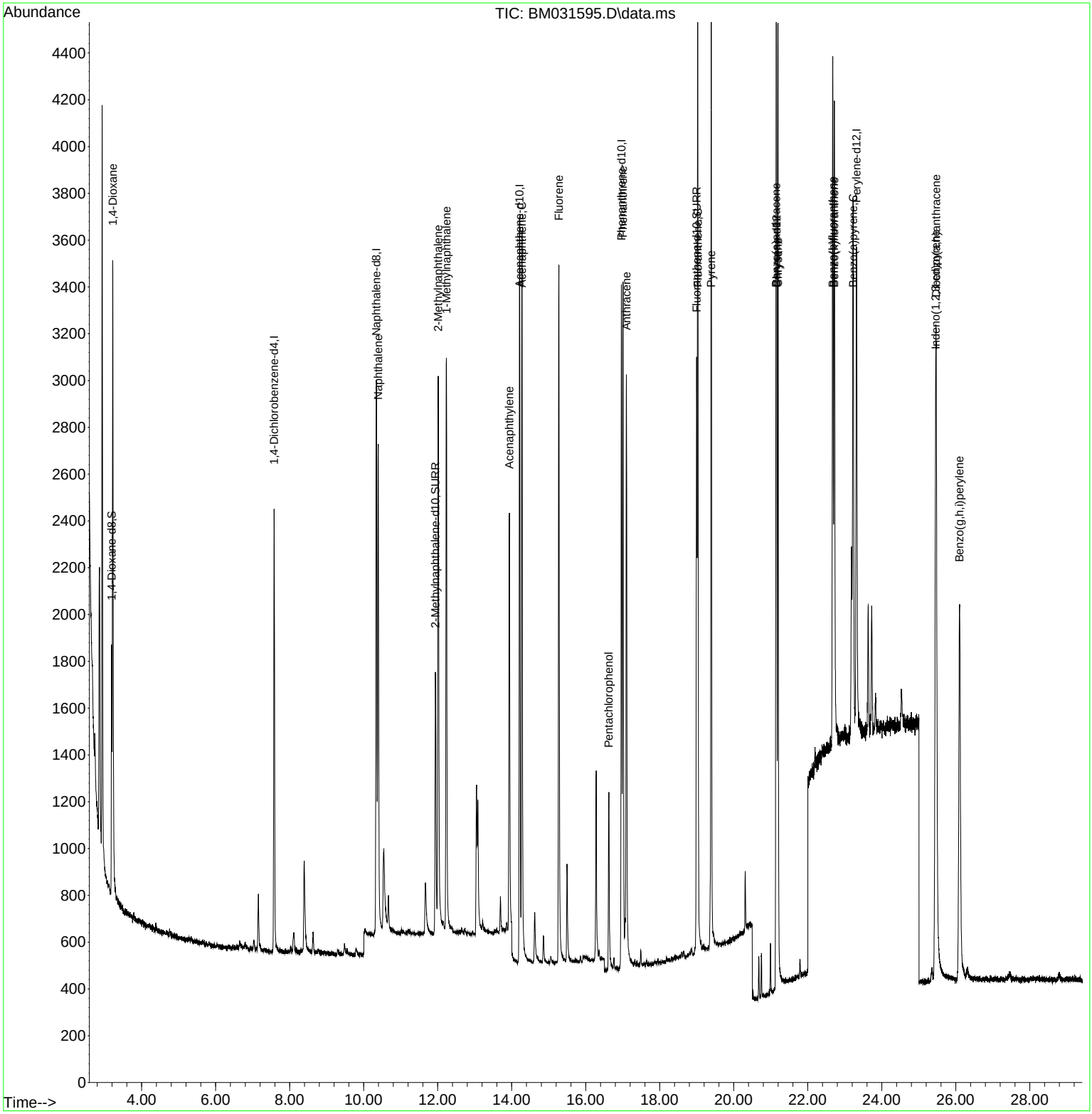

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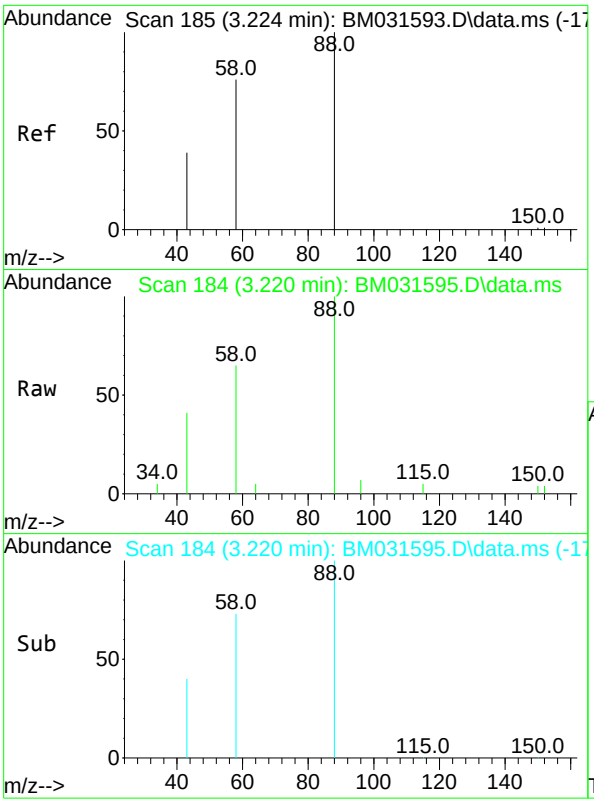
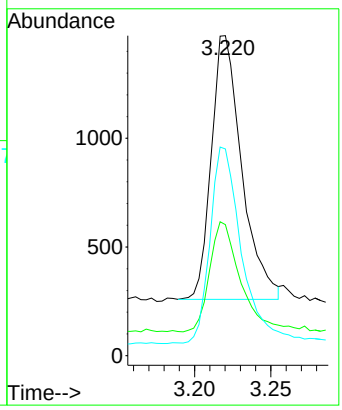
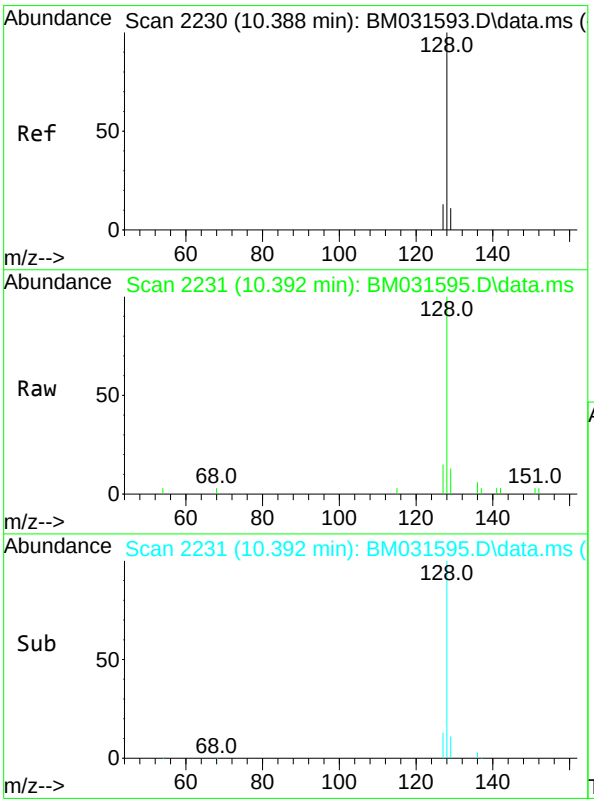


#2
1,4-Dioxane
Concen: 1.544 ng/ul
RT: 3.220 min Scan# 184
Delta R.T. -0.003 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion: 88 Resp: 1686

Ion	Ratio	Lower	Upper
88	100		
43	41.0	29.7	44.5
58	64.6	35.6	53.4#

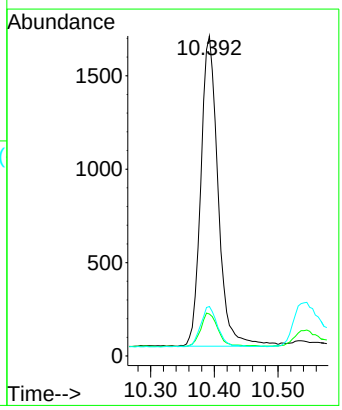




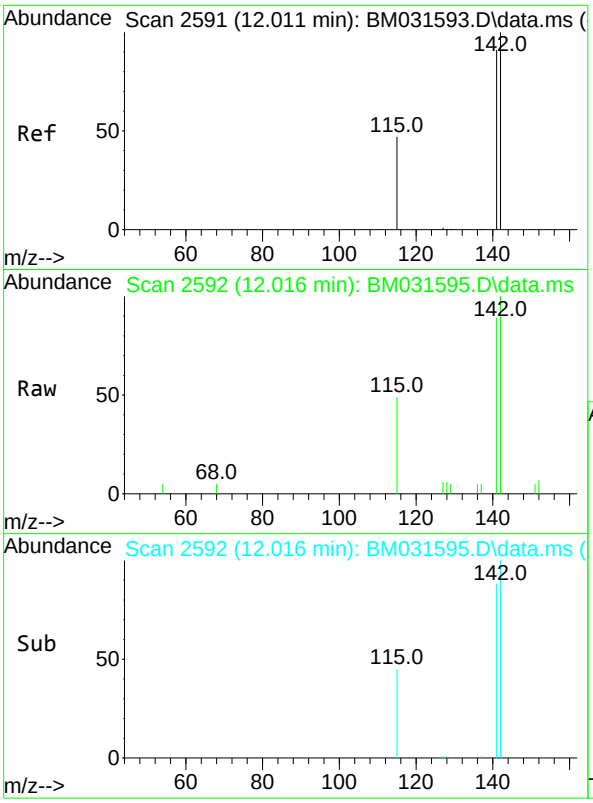
#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. 0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:128 Resp: 3118

Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.0	15.0
127	15.5	11.6	17.4



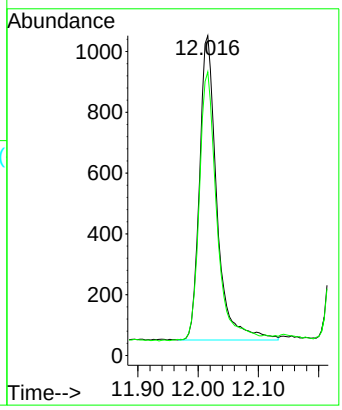
Instrument :
BNA_M
ClientSampleId :
SLCS141

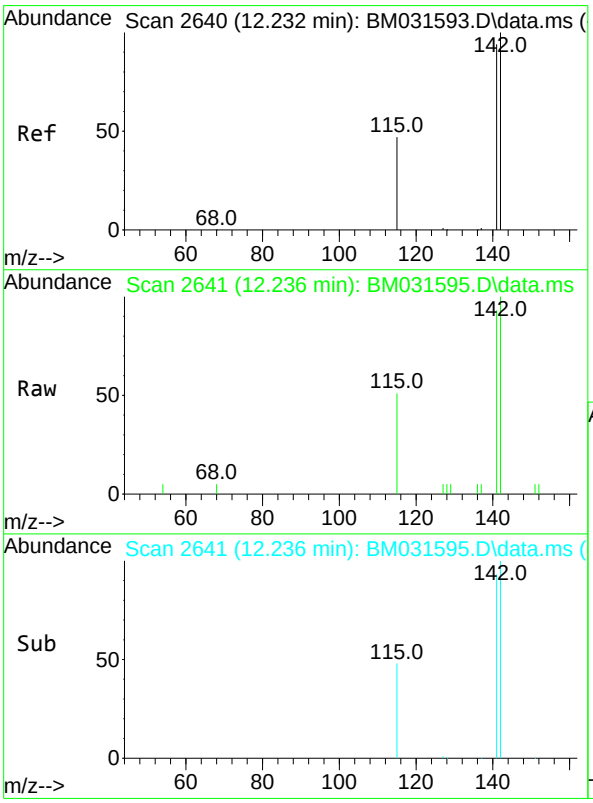


#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. 0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:142 Resp: 2006

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.0

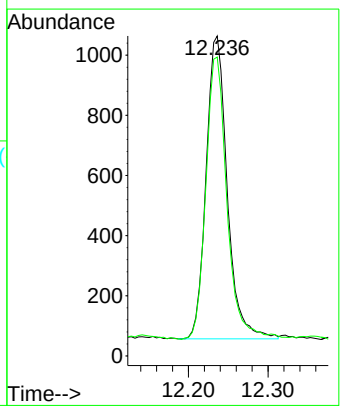




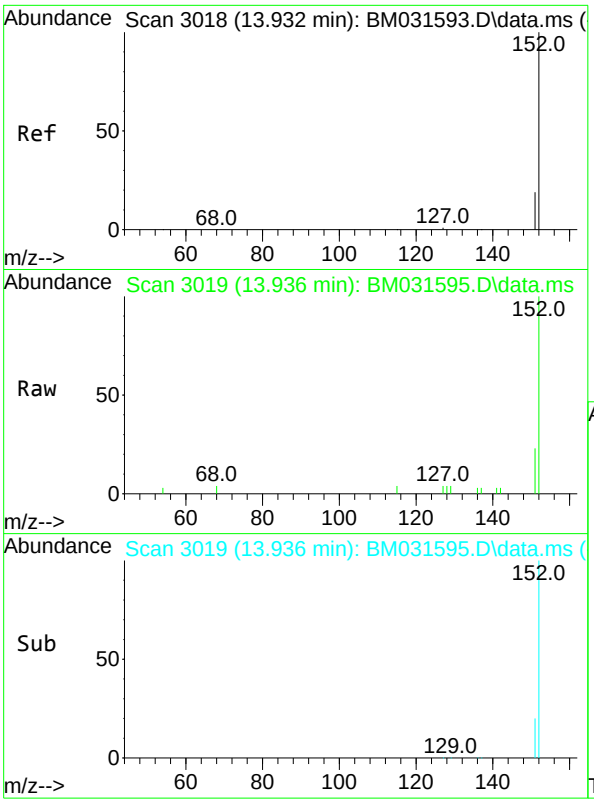
#8
1-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. 0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:142 Resp: 1855

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.1	111.1



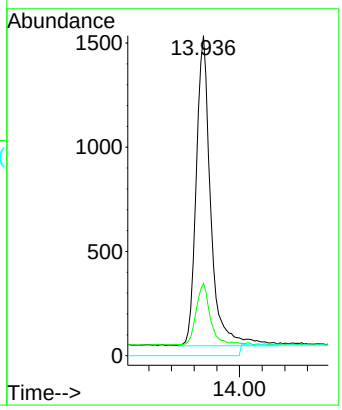
Instrument :
BNA_M
ClientSampleId :
SLCS141

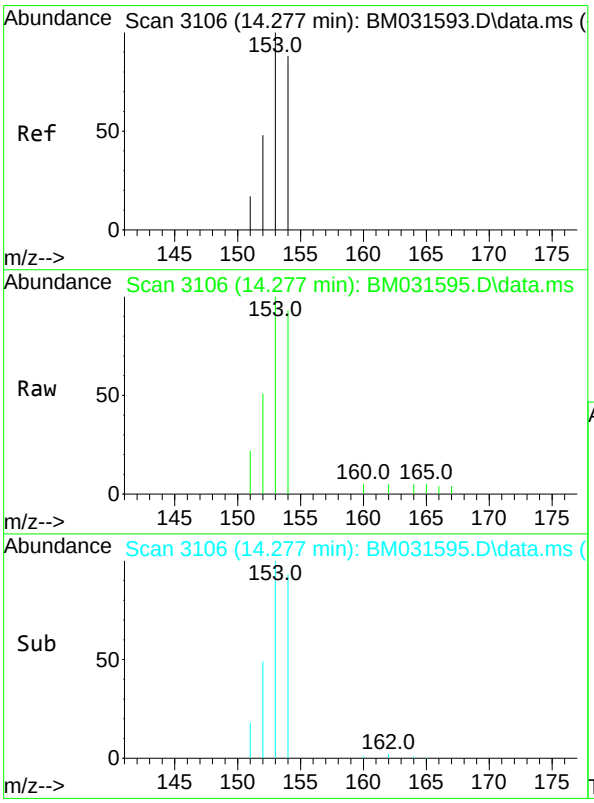


#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. 0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:152 Resp: 2497

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.9	25.3
153	0.0	0.0	0.0

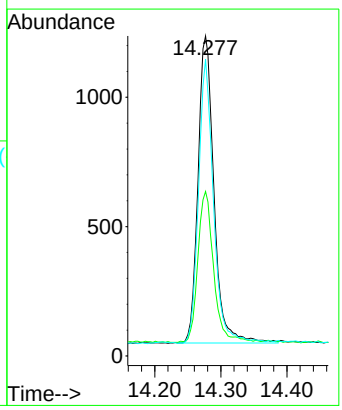




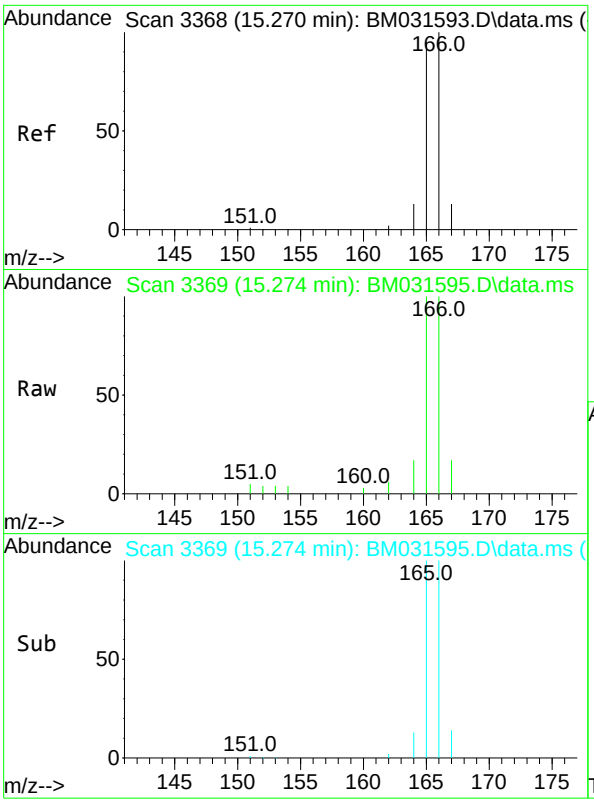
#11
Acenaphthene
Concen: 0.286 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:153 Resp: 1992

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.7	61.1
154	92.7	70.2	105.2



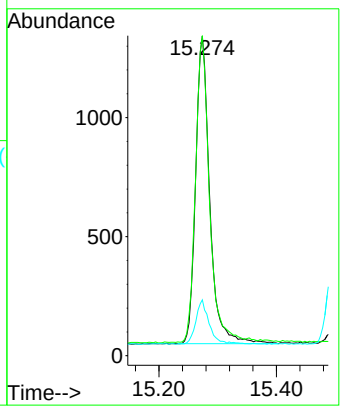
Instrument :
BNA_M
ClientSampleId :
SLCS141

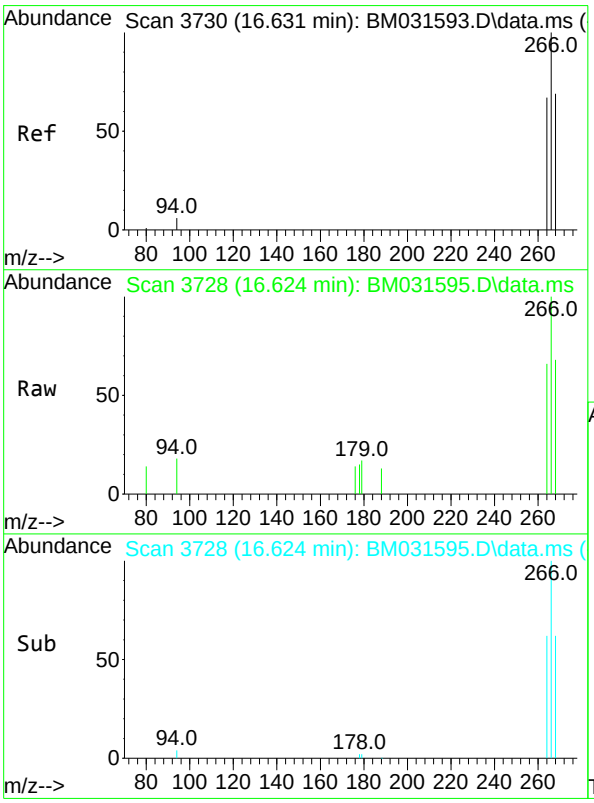


#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:166 Resp: 2159

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.0	117.0
167	17.5	12.0	18.0

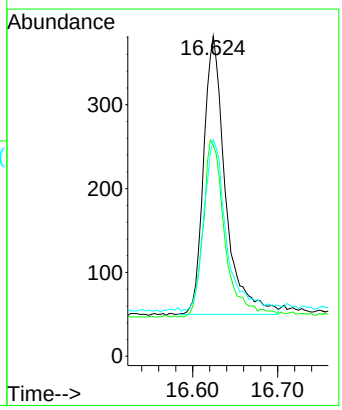




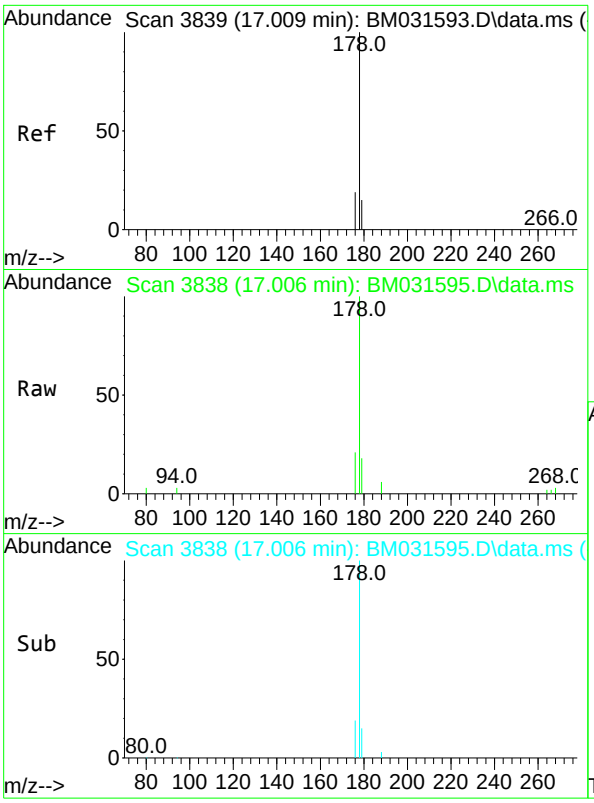
#14
Pentachlorophenol
Concen: 0.485 ng/ul
RT: 16.624 min Scan# 3728
Delta R.T. -0.007 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:266 Resp: 589

Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.1	75.1
268	62.8	51.3	76.9



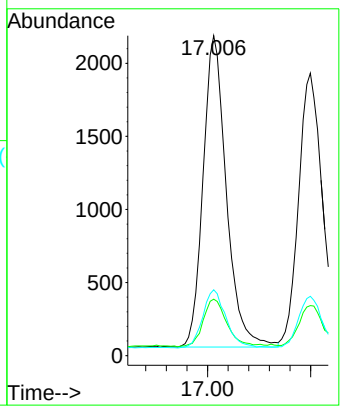
Instrument :
BNA_M
ClientSampleId :
SLCS141

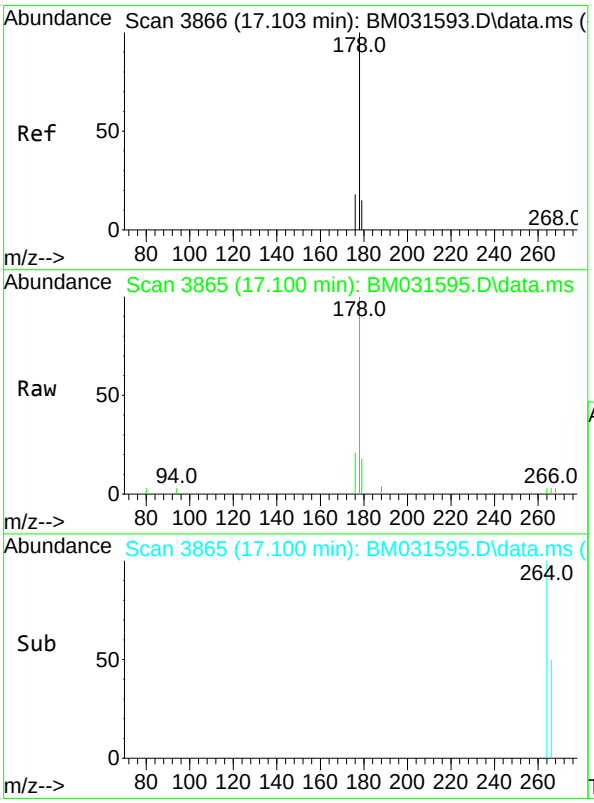


#15
Phenanthrene
Concen: 0.278 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:178 Resp: 3344

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.3	19.9
176	20.6	16.2	24.4

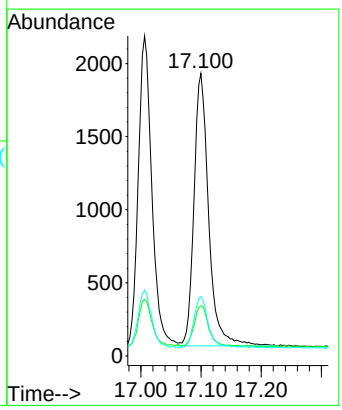




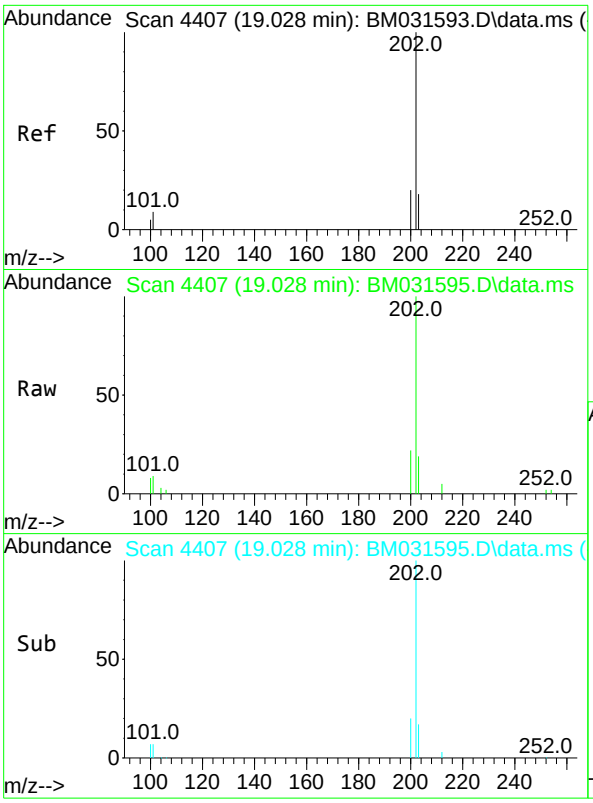
#16
Anthracene
Concen: 0.281 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:178 Resp: 3165

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	21.0	15.6	23.4



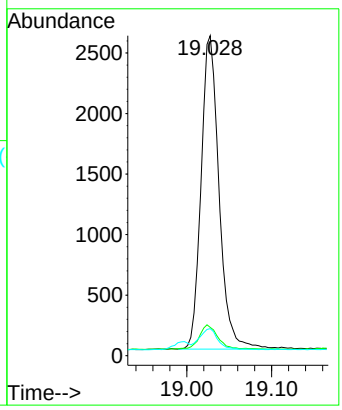
Instrument :
BNA_M
ClientSampleId :
SLCS141

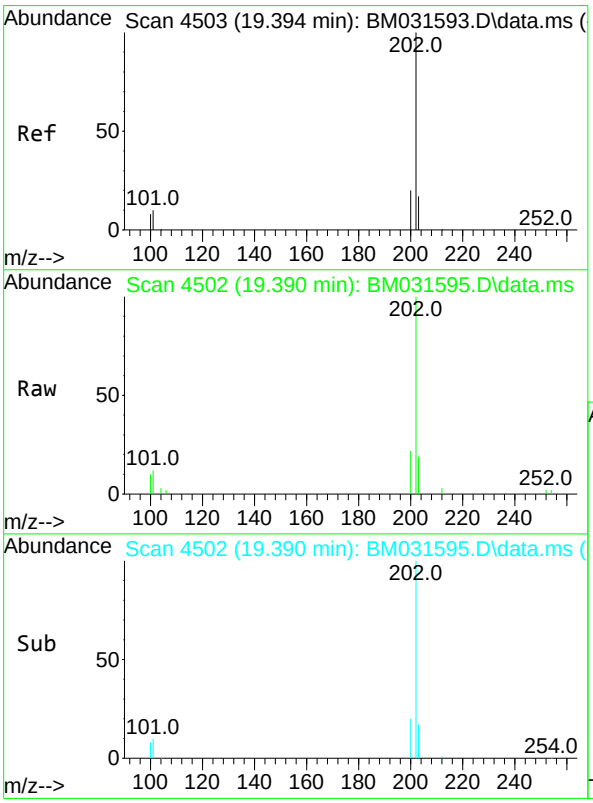


#19
Fluoranthene
Concen: 0.299 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:202 Resp: 3812

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.6	10.0
100	8.4	5.4	8.0#

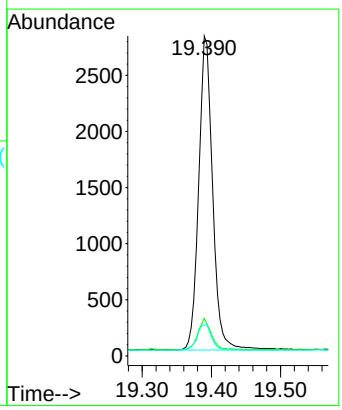




#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:202 Resp: 3918

Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.8	11.6#
100	9.6	6.6	10.0



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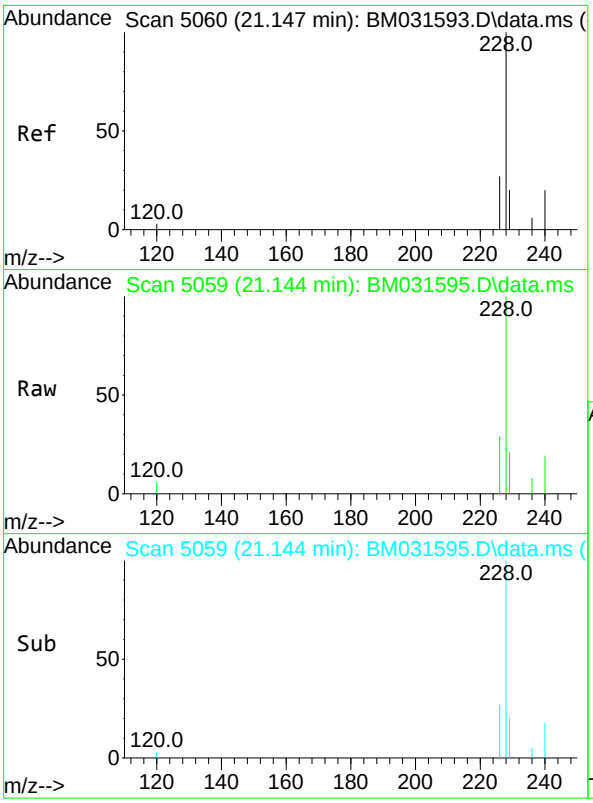
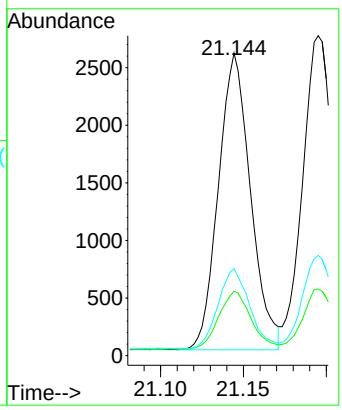
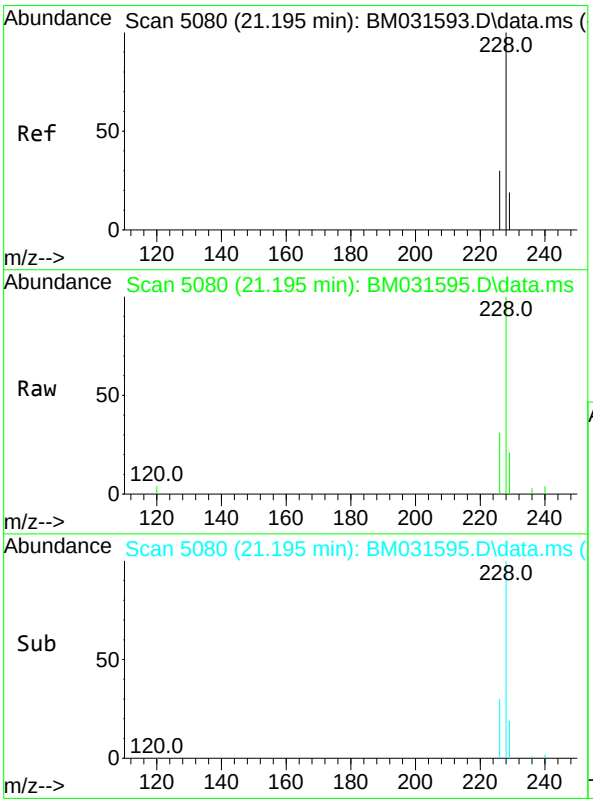


#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.002 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:228 Resp: 3473

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	28.8	21.7	32.5

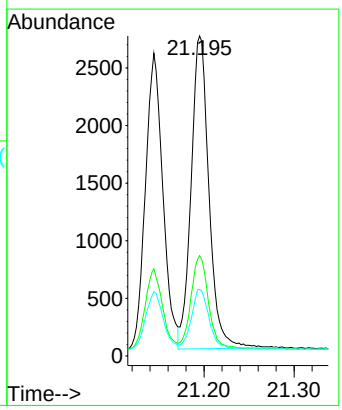




#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:228 Resp: 3737

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	20.8	16.2	24.2



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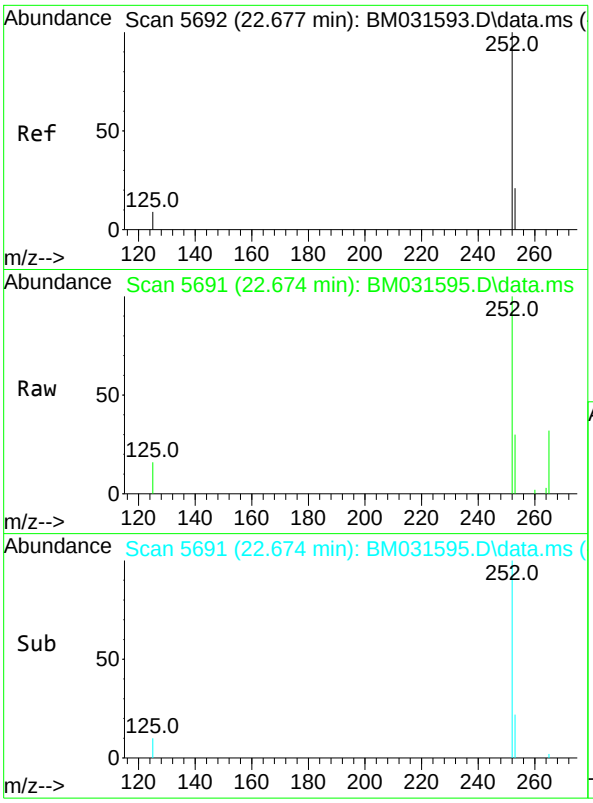
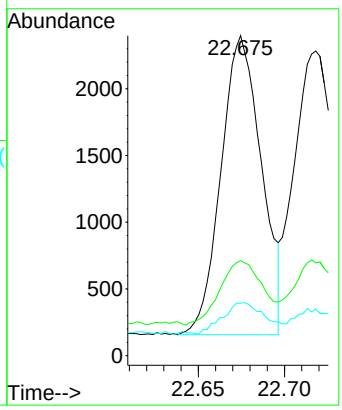
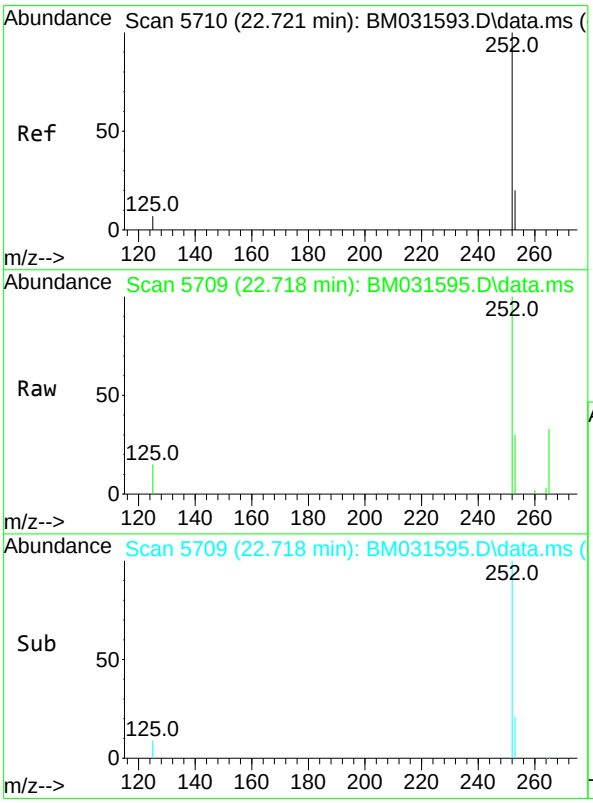


#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul
RT: 22.674 min Scan# 5691
Delta R.T. -0.002 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:252 Resp: 3657

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	53.0
125	16.4	0.0	22.8

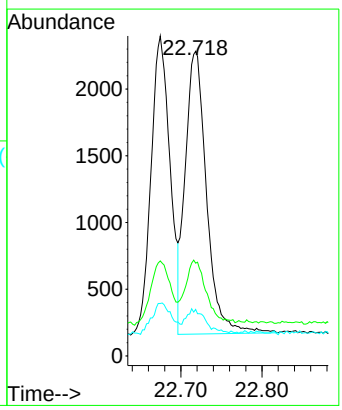




#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul
RT: 22.718 min Scan# 5709
Delta R.T. -0.002 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:252 Resp: 3869

Ion	Ratio	Lower	Upper
252	100		
253	30.4	21.3	31.9
125	15.3	8.8	13.2#



Instrument :
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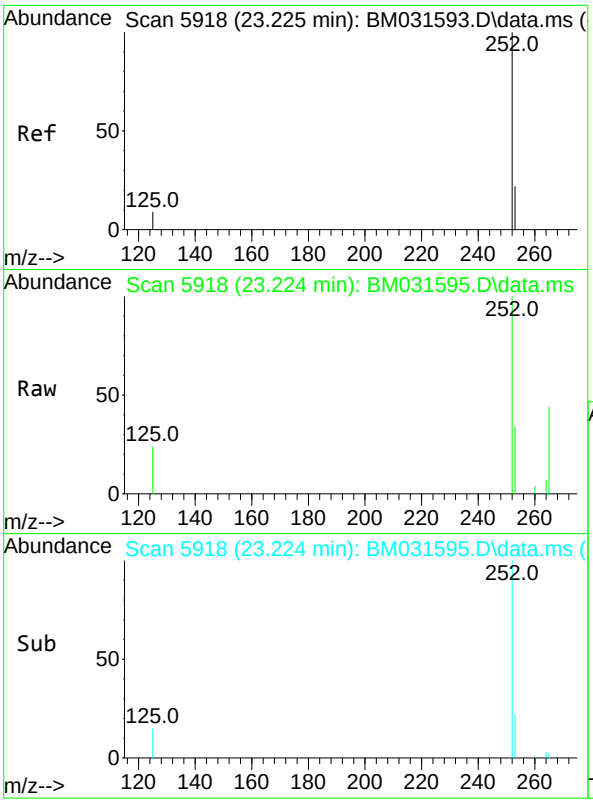
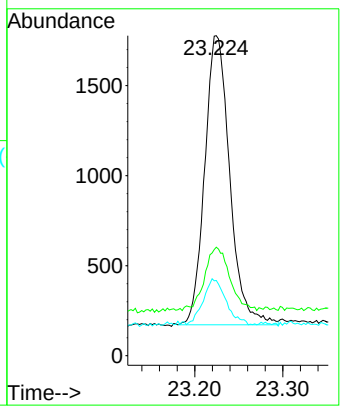
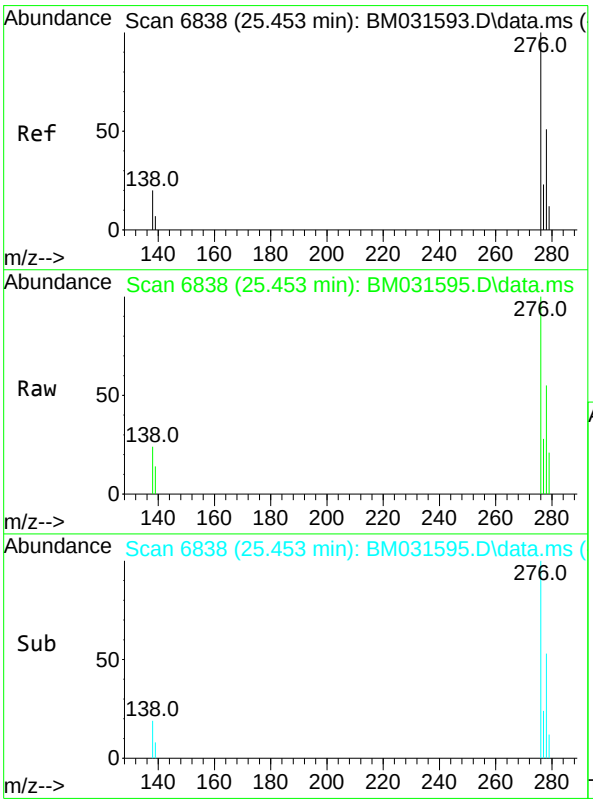


#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:252 Resp: 3171

Ion	Ratio	Lower	Upper
252	100		
253	33.9	22.4	33.6#
125	23.5	13.0	19.4#

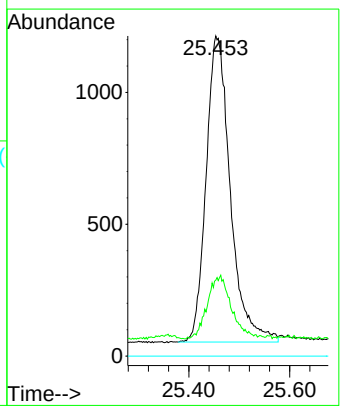




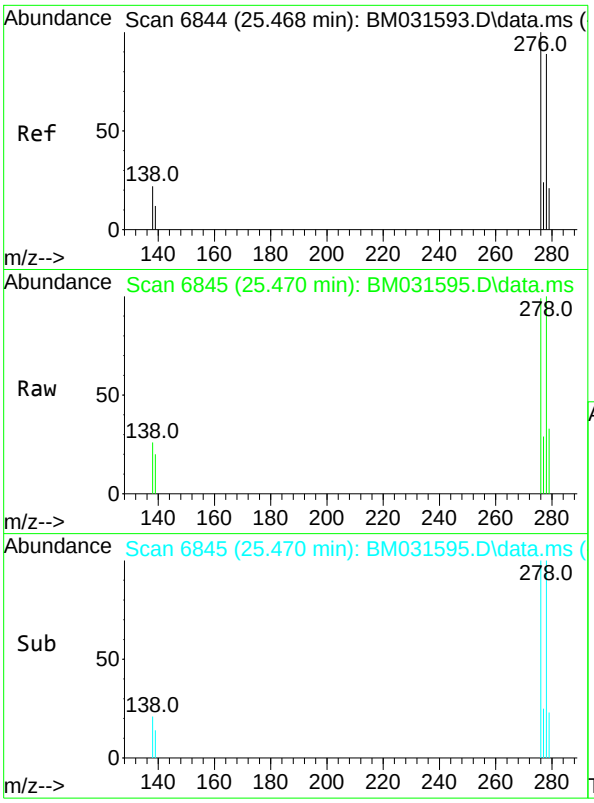
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:276 Resp: 3875

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.8	23.8
227	0.0	0.0	0.0



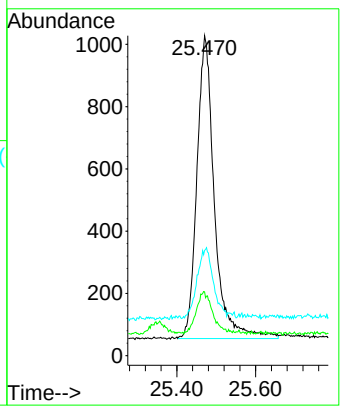
Instrument :
BNA_M
ClientSampleId :
SLCS141

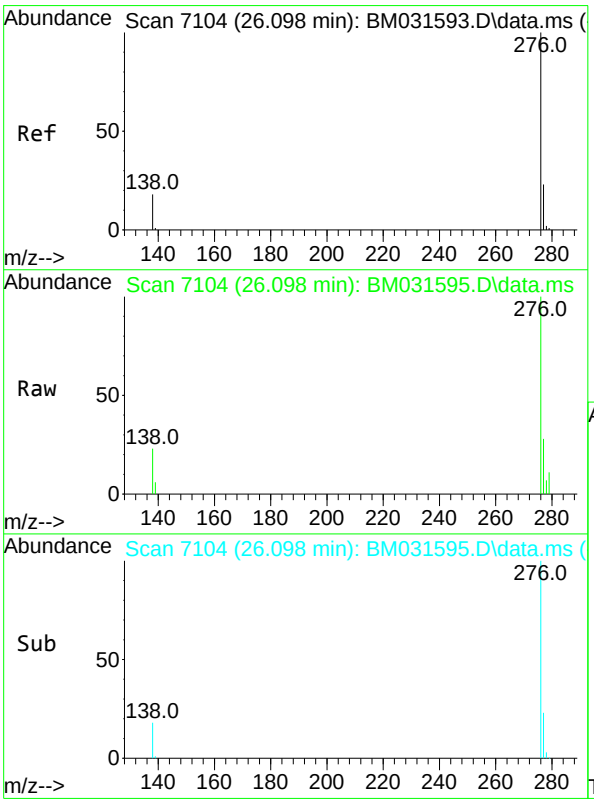


#28
Dibenzo(a,h)anthracene
Concen: 0.258 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. 0.002 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:278 Resp: 3004

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.3	19.9#
279	32.9	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.000 min
Lab File: BM031595.D
Acq: 09 Aug 2021 09:58

Tgt Ion:276 Resp: 3629

Ion	Ratio	Lower	Upper
276	100		
138	23.2	15.4	23.2#
277	27.7	19.9	29.9