Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071621\
Data File : BM030993.D
Acq On : 16 Jul 2021 17:13
Operator : CG/JU
Sample : PB137665BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS665

Quant Time: Jul 16 17:46:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 16 16:49:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	906	0.40	ng/ul	0.00
4) Naphthalene-d8	10.414	136	3027	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.280	164	1941	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	4283	0.40	ng/ul	0.00
17) Chrysene-d12	21.217	240	4103	0.40	ng/ul	0.00
23) Perylene-d12	23.401	264	4224	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.224	96	890	0.96	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.006	152	2225	0.42	ng/ul	0.00
18) Fluoranthene-d10	19.058	212	5747	0.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	2146	2.06	ng/ul#	85
5) Naphthalene	10.463	128	3599	0.40	ng/ul	99
7) 2-Methylnaphthalene	12.082	142	2521	0.39	ng/ul	99
8) 1-Methylnaphthalene	12.303	142	2301	0.37	ng/ul	100
10) Acenaphthylene	13.998	152	2944	0.31	ng/ul#	85
11) Acenaphthene	14.341	153	2702	0.39	ng/ul	97
12) Fluorene	15.330	166	3229	0.40	ng/ul	98
14) Pentachlorophenol	16.676	266	1090	0.72	ng/ul	99
15) Phenanthrene	17.065	178	5405	0.40	ng/ul	99
16) Anthracene	17.158	178	5049	0.39	ng/ul	98
19) Fluoranthene	19.088	202	6834	0.38	ng/ul	99
20) Pyrene	19.450	202	7025	0.38	ng/ul	99
21) Benzo(a)anthracene	21.202	228	7200	0.41	ng/ul	99
22) Chrysene	21.253	228	7548	0.41	ng/ul	98
24) Benzo(b)fluoranthene	22.749	252	7945	0.39	ng/ul	94
25) Benzo(k)fluoranthene	22.793	252	8524	0.41	ng/ul	95
26) Benzo(a)pyrene	23.307	252	6918	0.39	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.572	276	9984	0.41	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.591	278	7986	0.41	ng/ul	93
29) Benzo(g,h,i)perylene	26.233	276	8252	0.40	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071621\
Data File : BM030993.D
Acq On : 16 Jul 2021 17:13
Operator : CG/JU
Sample : PB137665BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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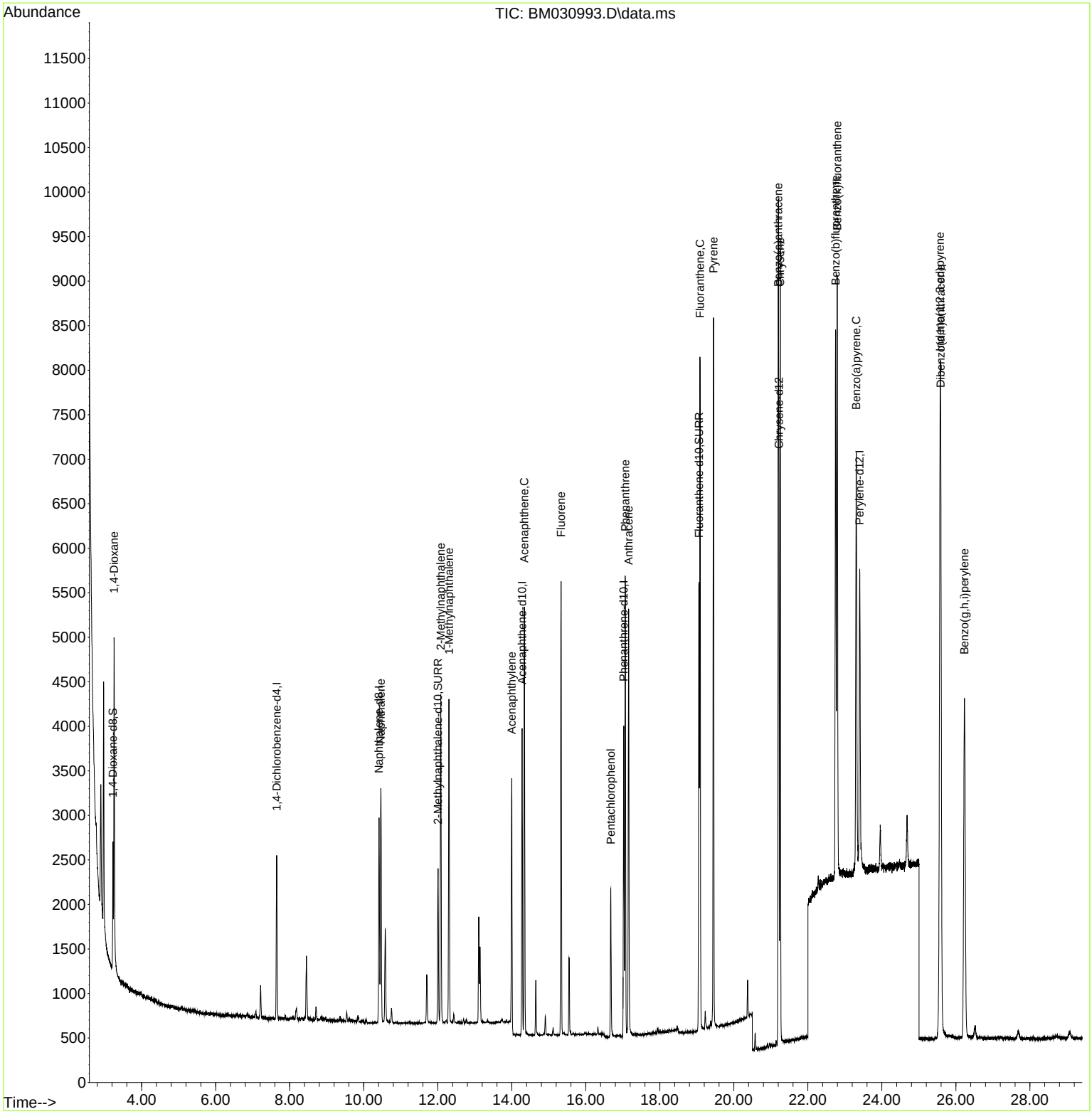
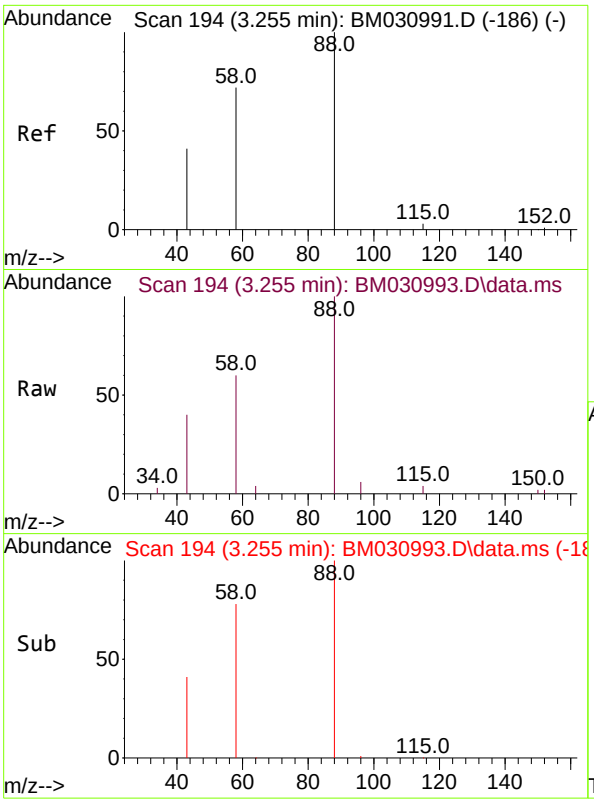
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 16 16:49:56 2021
Response via : Initial Calibration

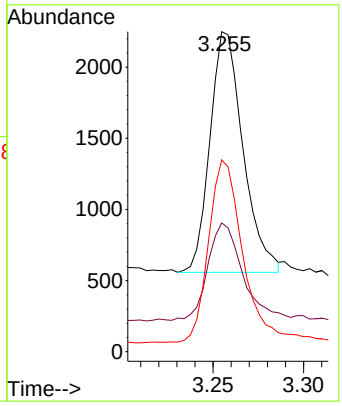




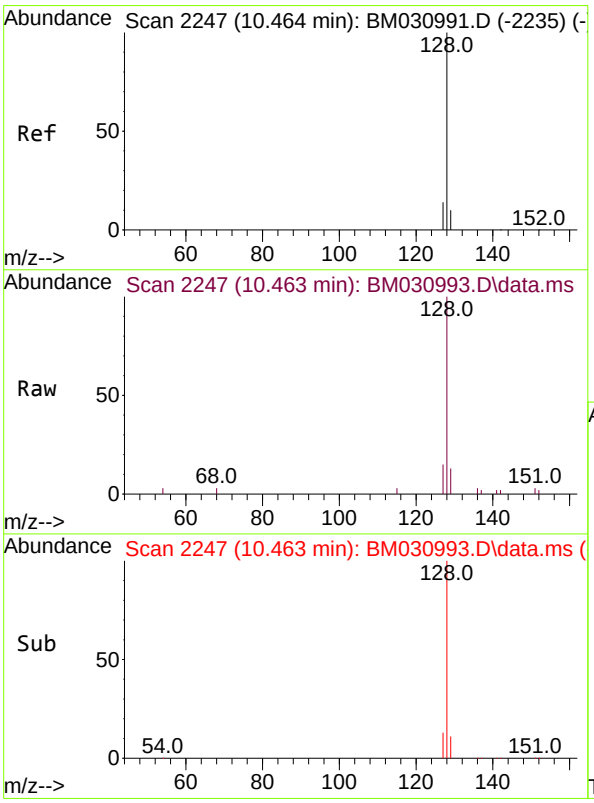
#2
1,4-Dioxane
Concen: 2.06 ng/ul
RT: 3.255 min Scan# 194
Delta R.T. 0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion: 88 Resp: 2146

Ion	Ratio	Lower	Upper
88	100		
43	40.2	48.2	72.4#
58	60.0	46.0	69.0



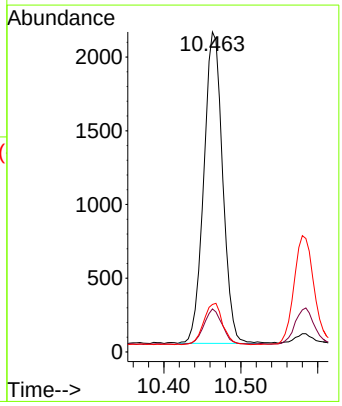
Instrument :
BNA_M
ClientSampleId :
SLCS665

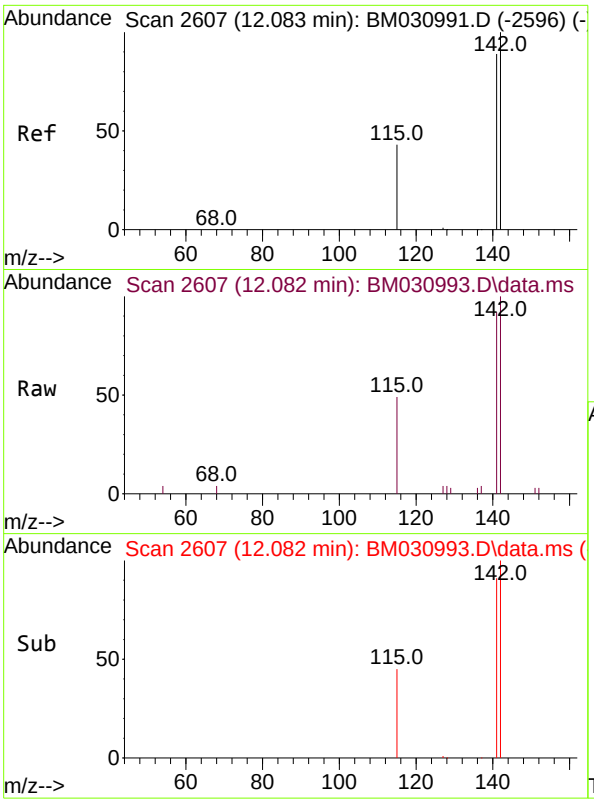


#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.463 min Scan# 2247
Delta R.T. -0.001 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:128 Resp: 3599

Ion	Ratio	Lower	Upper
128	100		
129	13.5	10.7	16.1
127	14.8	12.7	19.1

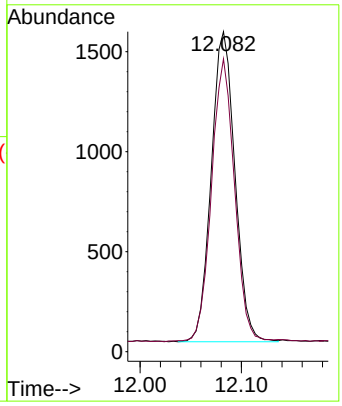




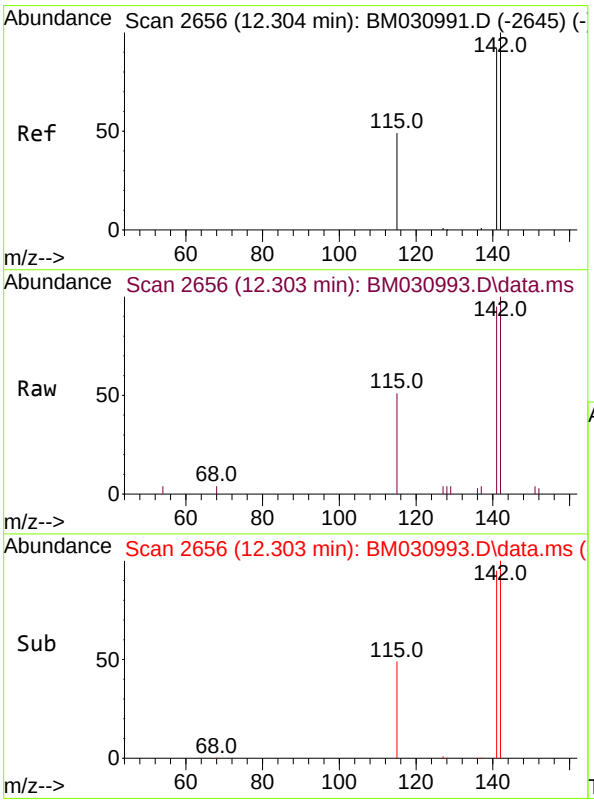
#7
2-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.082 min Scan# 2607
Delta R.T. -0.001 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:142 Resp: 2521

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.8



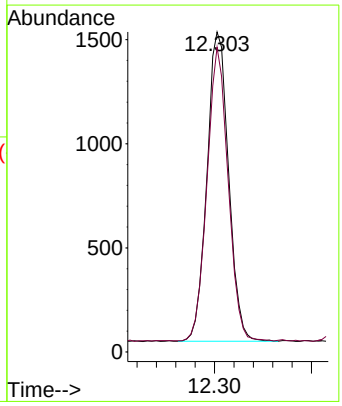
Instrument :
BNA_M
ClientSampleId :
SLCS665



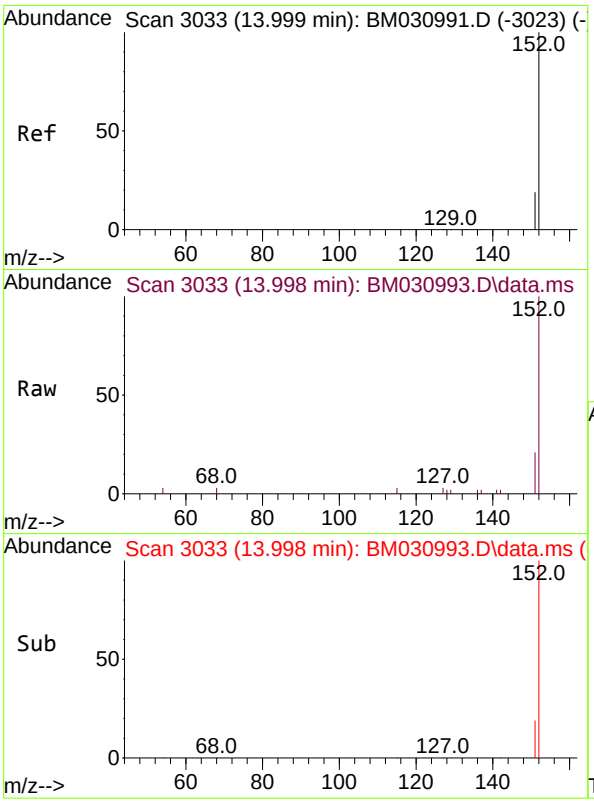
#8
1-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 12.303 min Scan# 2656
Delta R.T. -0.001 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:142 Resp: 2301

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8



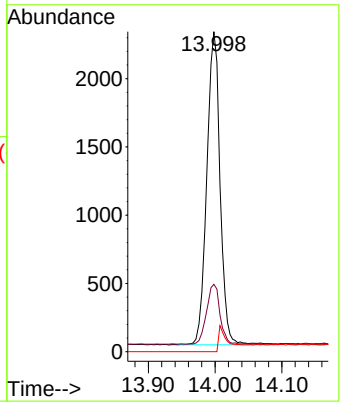
Instrument :
BNA_M
ClientSampleId :
SLCS665

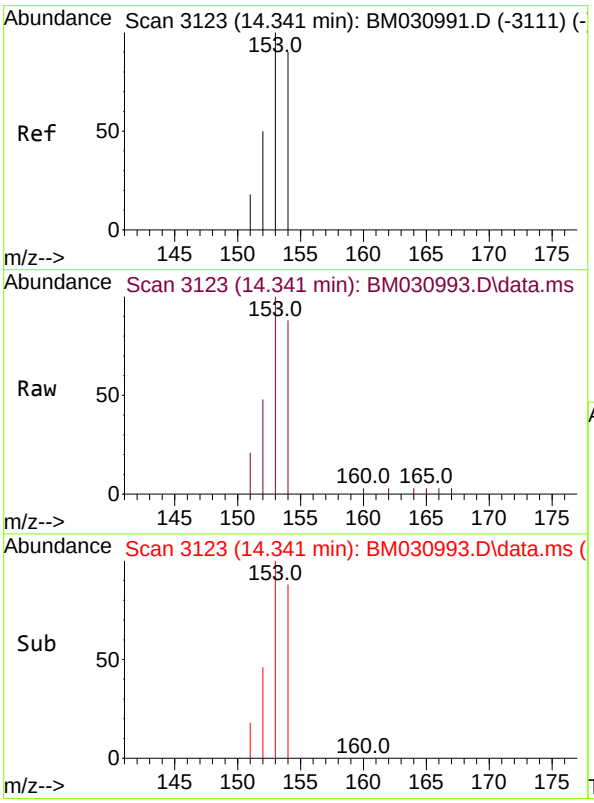


#10
Acenaphthylene
Concen: 0.31 ng/ul
RT: 13.998 min Scan# 3033
Delta R.T. -0.001 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:152 Resp: 2944

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	0.0	12.0	18.0#

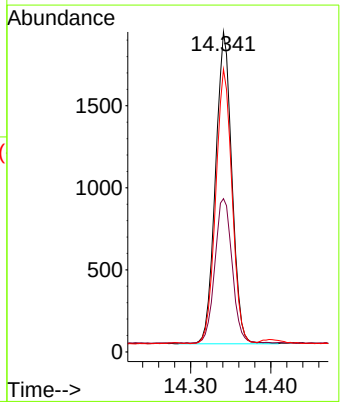




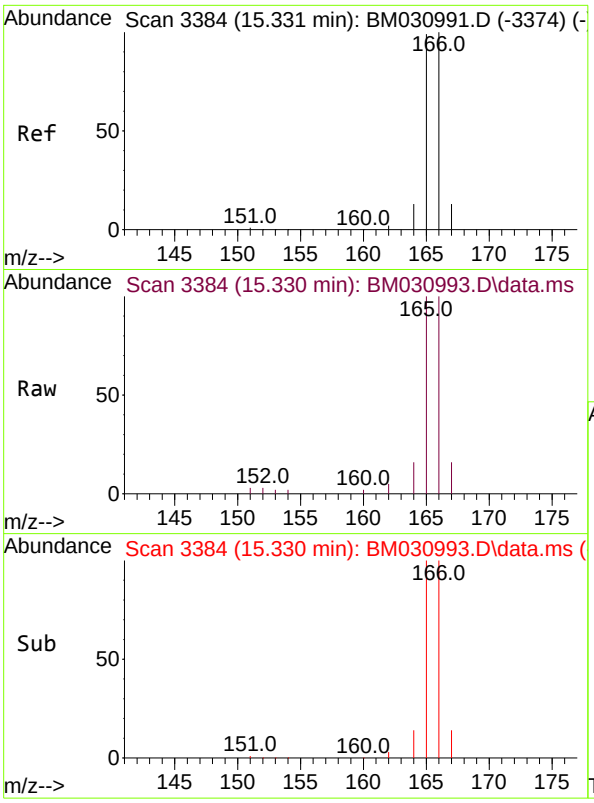
#11
Acenaphthene
Concen: 0.39 ng/ul
RT: 14.341 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:153 Resp: 2702

Ion	Ratio	Lower	Upper
153	100		
152	47.9	39.3	58.9
154	88.4	68.5	102.7



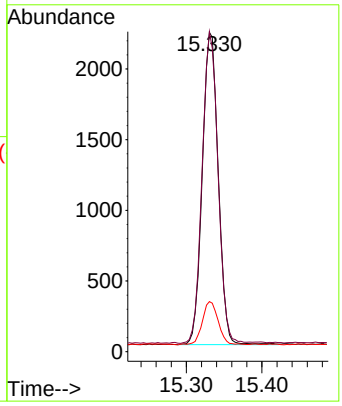
Instrument :
BNA_M
ClientSampleId :
SLCS665

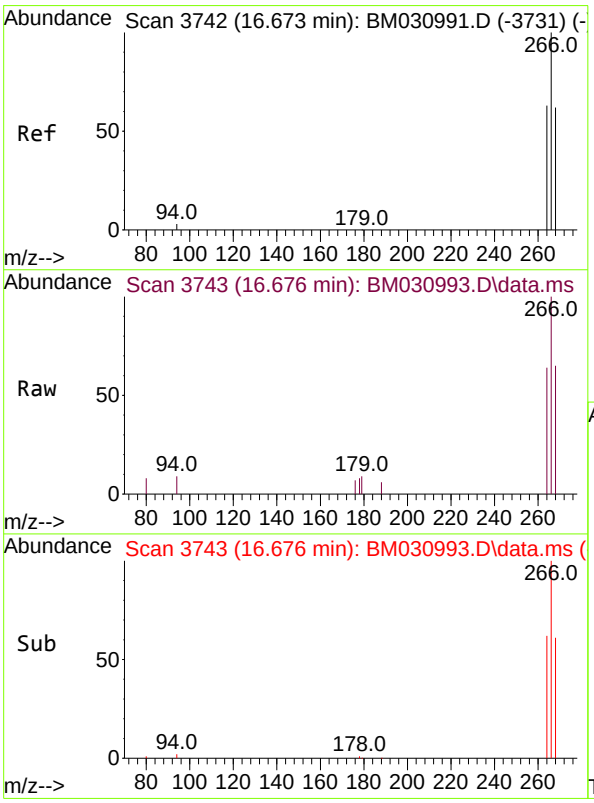


#12
Fluorene
Concen: 0.40 ng/ul
RT: 15.330 min Scan# 3384
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:166 Resp: 3229

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.7	118.1
167	15.7	12.5	18.7

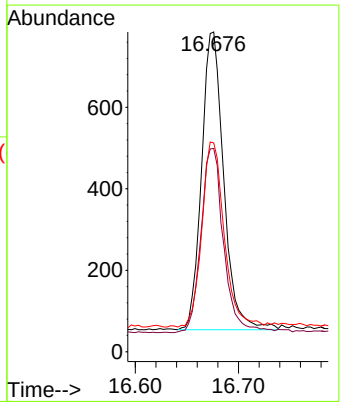


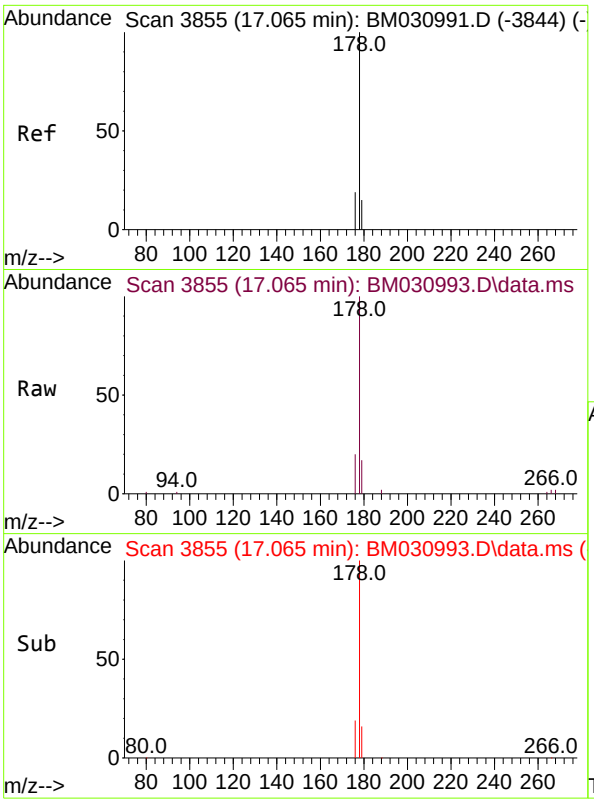


#14
Pentachlorophenol
Concen: 0.72 ng/ul
RT: 16.676 min Scan# 3743
Delta R.T. 0.003 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:266 Resp: 1090

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.5	74.3
268	62.7	50.4	75.6

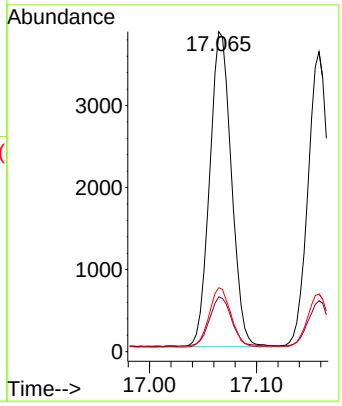




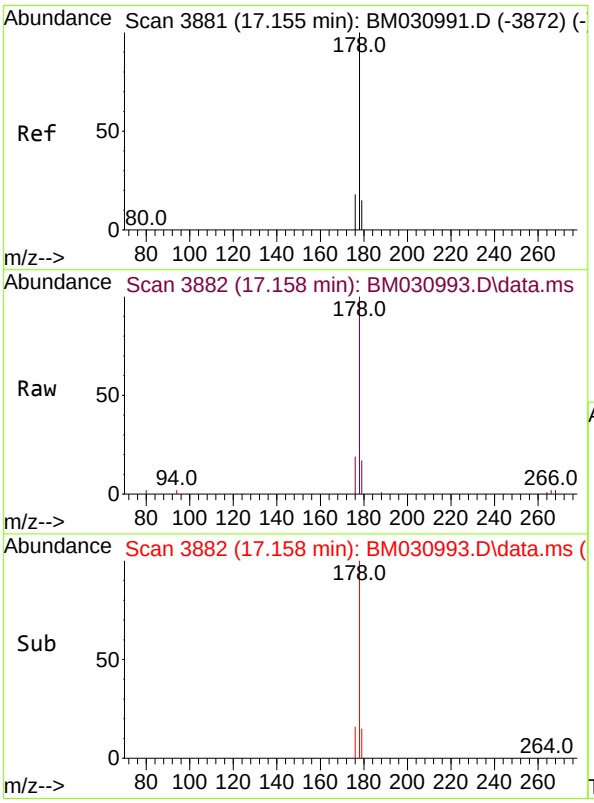
#15
Phenanthrene
Concen: 0.40 ng/ul
RT: 17.065 min Scan# 3855
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:178 Resp: 5405

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.8	20.6
176	20.0	16.4	24.6



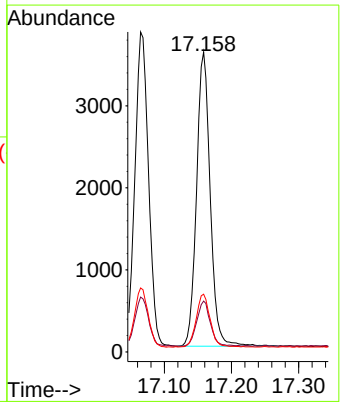
Instrument :
BNA_M
ClientSampleId :
SLCS665



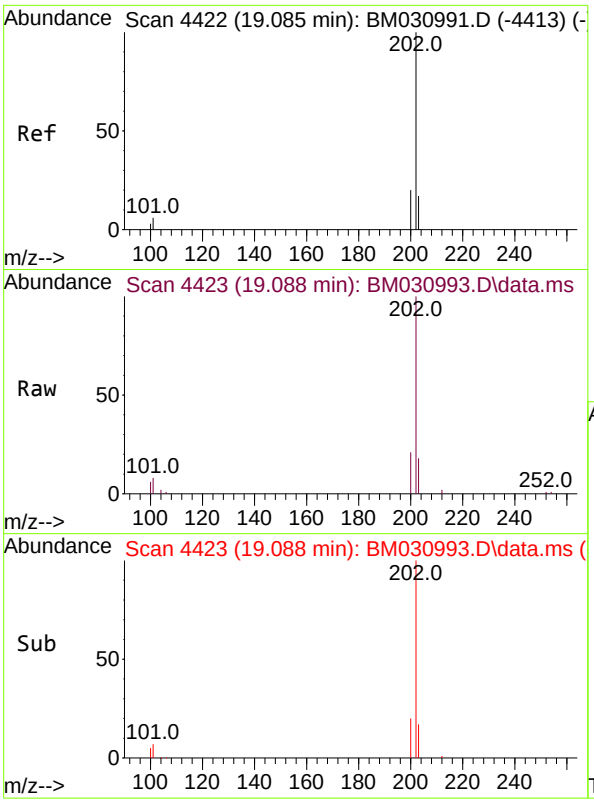
#16
Anthracene
Concen: 0.39 ng/ul
RT: 17.158 min Scan# 3882
Delta R.T. 0.003 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:178 Resp: 5049

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.5	21.7
176	19.3	16.1	24.1



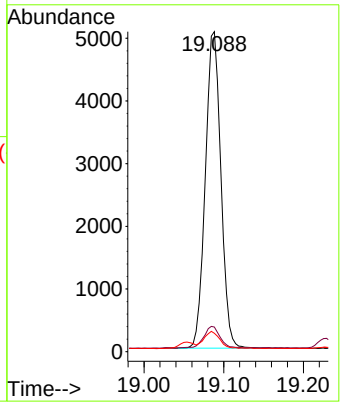
Instrument :
BNA_M
ClientSampleId :
SLCS665

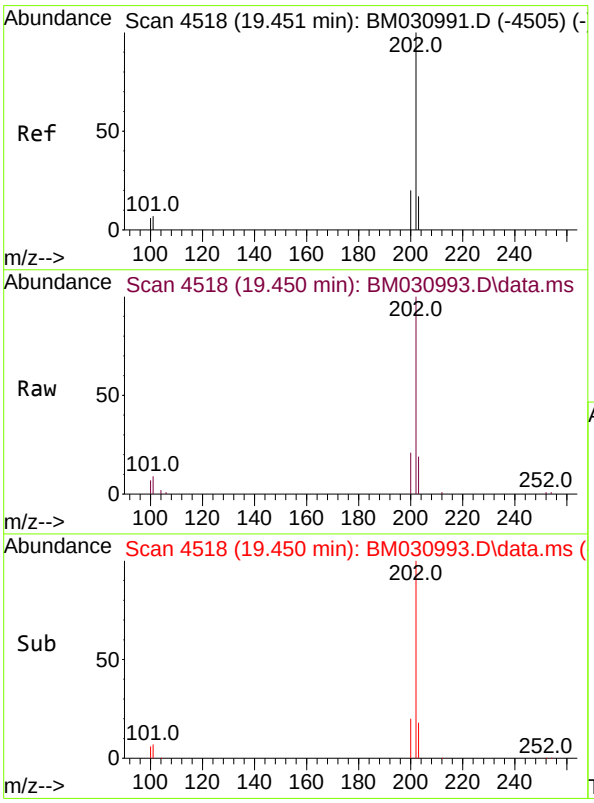


#19
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.088 min Scan# 4423
Delta R.T. 0.004 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:202 Resp: 6834

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.3	9.5
100	5.8	5.0	7.6

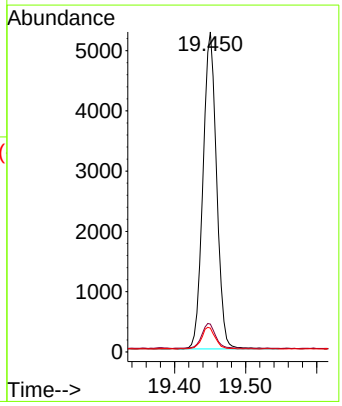




#20
Pyrene
Concen: 0.38 ng/ul
RT: 19.450 min Scan# 4518
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:202 Resp: 7025

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.6	10.0
100	7.5	5.6	8.4



Instrument :
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ClientSampleId :
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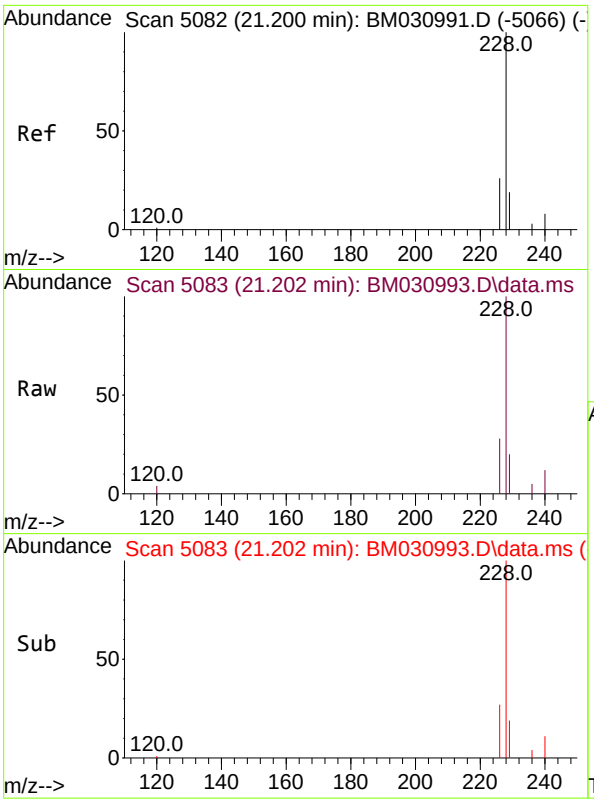
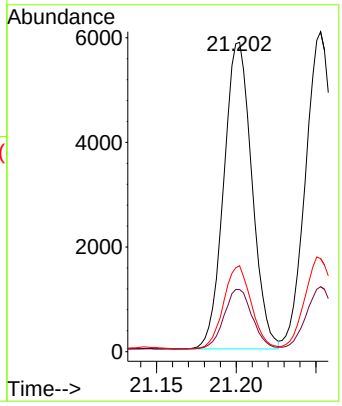
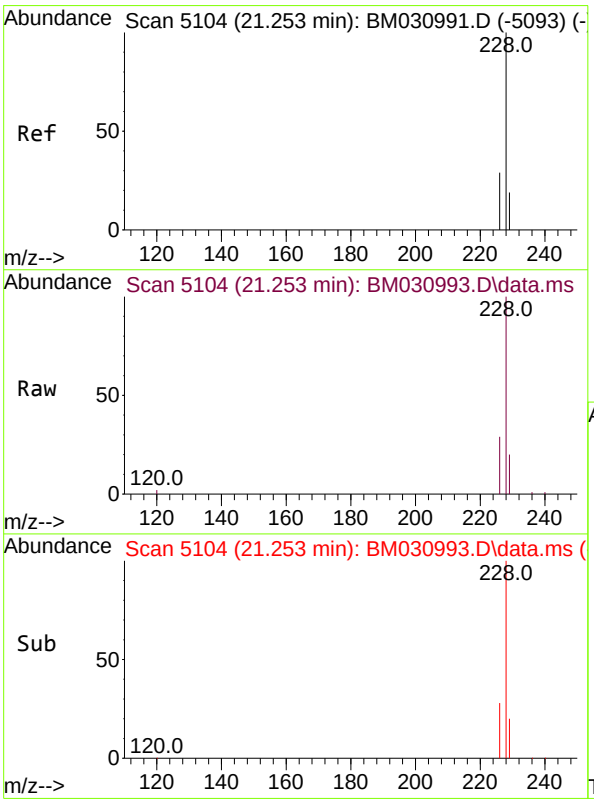


#21
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. 0.002 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:228 Resp: 7200

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.1	24.1
226	27.8	21.8	32.8

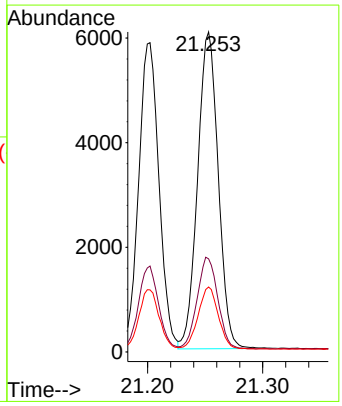


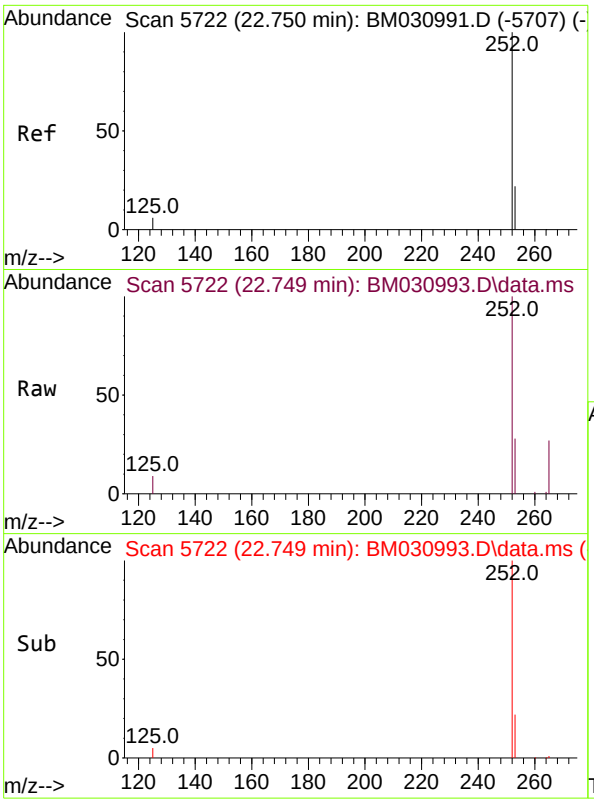


#22
Chrysene
Concen: 0.41 ng/ul
RT: 21.253 min Scan# 5104
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:228 Resp: 7548

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.5	36.7
229	20.3	16.4	24.6

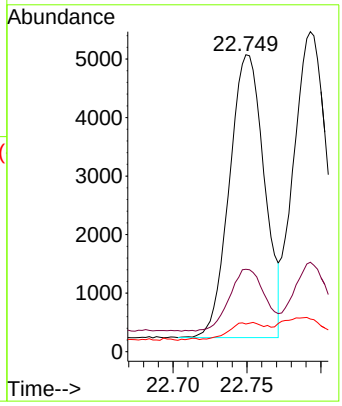




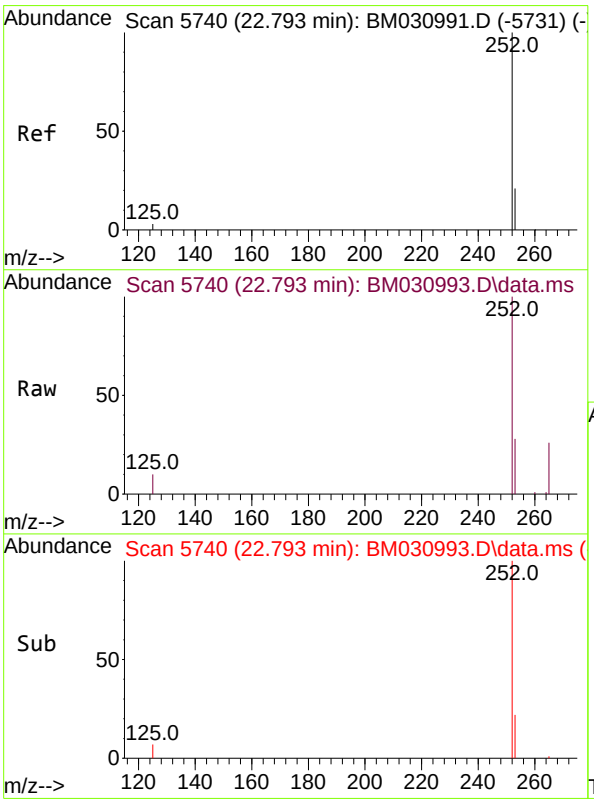
#24
Benzo(b)fluoranthene
Concen: 0.39 ng/ul
RT: 22.749 min Scan# 5722
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:252 Resp: 7945

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	62.0
125	9.3	0.0	23.2



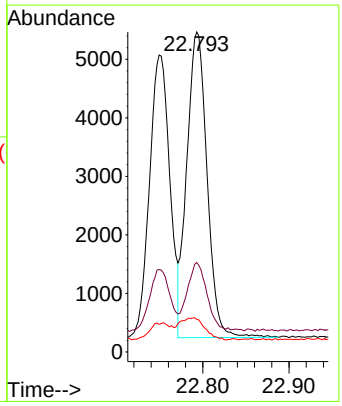
Instrument :
BNA_M
ClientSampleId :
SLCS665



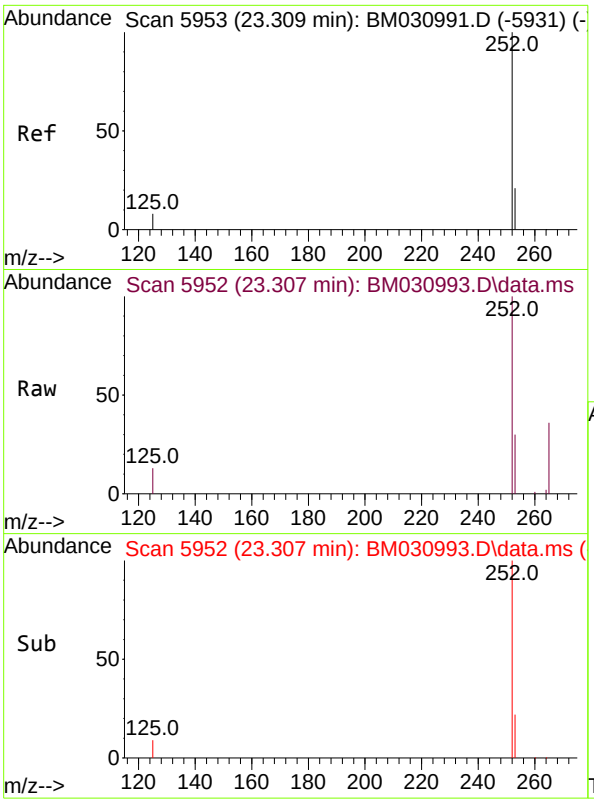
#25
Benzo(k)fluoranthene
Concen: 0.41 ng/ul
RT: 22.793 min Scan# 5740
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:252 Resp: 8524

Ion	Ratio	Lower	Upper
252	100		
253	27.9	24.3	36.5
125	10.2	9.8	14.8



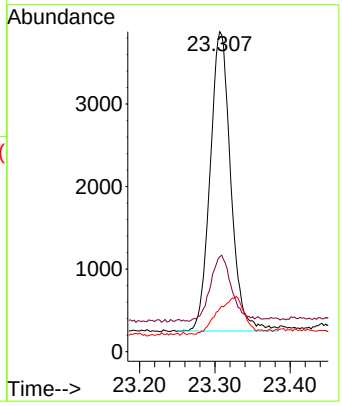
Instrument :
BNA_M
ClientSampleId :
SLCS665

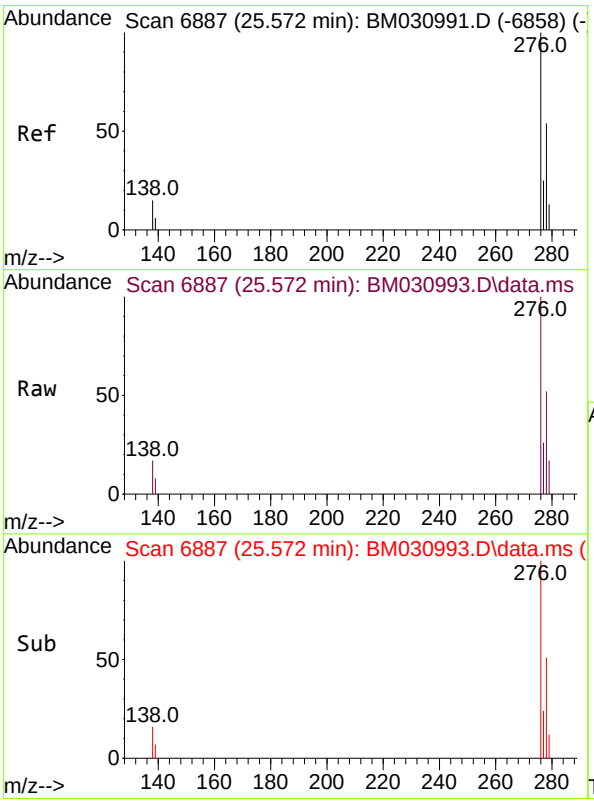


#26
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.307 min Scan# 5952
Delta R.T. -0.003 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:252 Resp: 6918

Ion	Ratio	Lower	Upper
252	100		
253	29.7	26.5	39.7
125	13.5	11.0	16.4

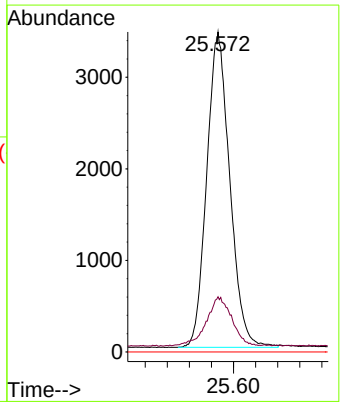




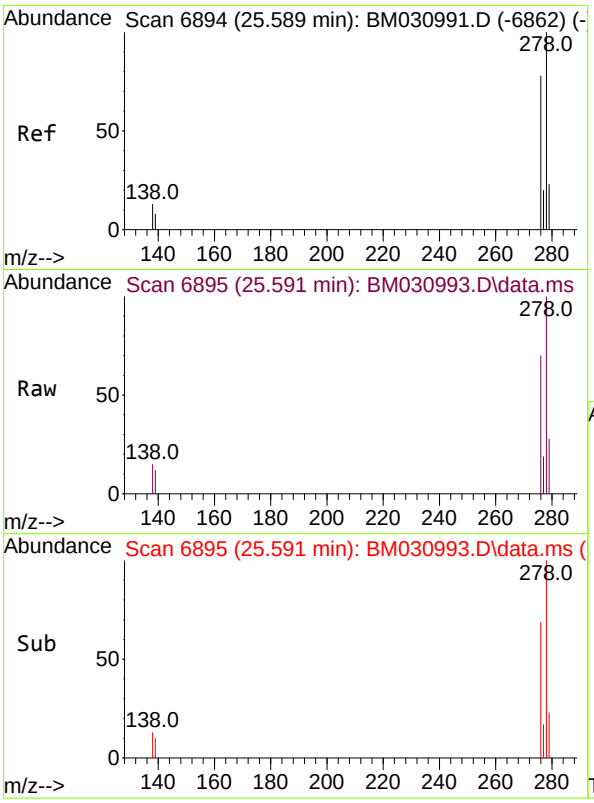
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 25.572 min Scan# 6887
Delta R.T. -0.000 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:276 Resp: 9984

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.0	19.6
227	0.0	0.0	0.0



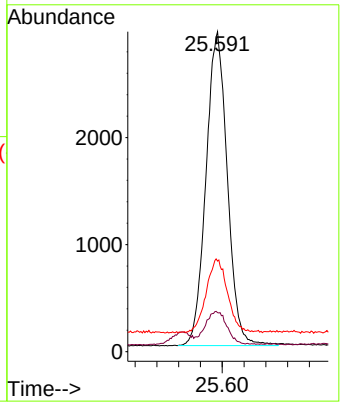
Instrument :
BNA_M
ClientSampleId :
SLCS665

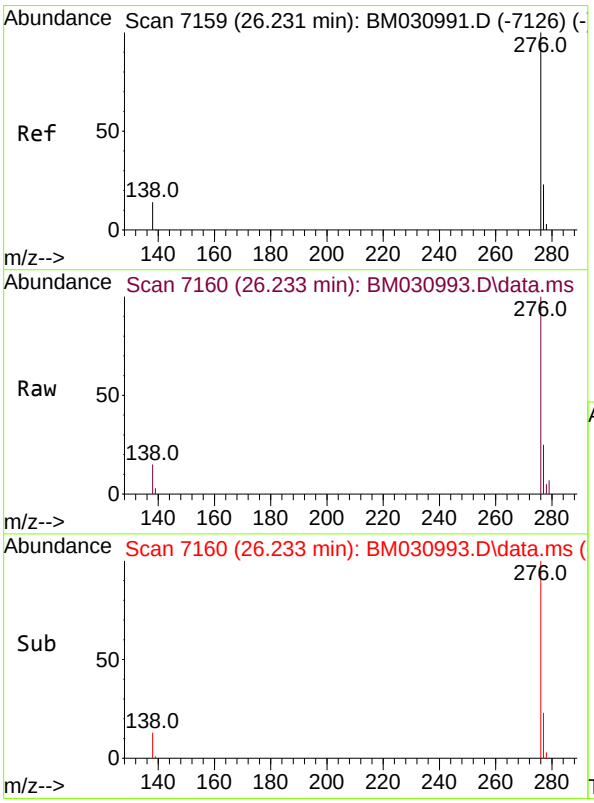


#28
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 25.591 min Scan# 6895
Delta R.T. 0.002 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:278 Resp: 7986

Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.4	17.0
279	28.3	26.2	39.2





#29
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.233 min Scan# 7160
Delta R.T. 0.002 min
Lab File: BM030993.D
Acq: 16 Jul 2021 17:13

Tgt Ion:276 Resp: 8252

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
277	25.1	21.3	31.9