Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032688.D
Acq On : 25 Oct 2021 11:20
Operator : CG/JU
Sample : PB140191BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS191

Quant Time: Oct 25 12:02:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 10:44:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.549	152	3298	0.400	ng/ul		0.00
4) Naphthalene-d8	10.330	136	10964	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.202	164	5686	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.936	188	10615	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.113	240	7849	0.400	ng/ul		0.00
23) Perylene-d12	23.249	264	7428	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.916	96	2280	0.617	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.927	152	4491	0.307	ng/ul		0.00
18) Fluoranthene-d10	18.962	212	7702	0.312	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.951	88	6665	1.637	ng/ul	#	81
5) Naphthalene	10.379	128	9926	0.298	ng/ul		99
7) 2-Methylnaphthalene	11.999	142	6233	0.287	ng/ul		98
8) 1-Methylnaphthalene	12.223	142	5986	0.279	ng/ul		99
10) Acenaphthylene	13.919	152	6968	0.287	ng/ul		100
11) Acenaphthene	14.262	153	6497	0.293	ng/ul		100
12) Fluorene	15.252	166	7080	0.284	ng/ul		97
14) Pentachlorophenol	16.609	266	1662	0.609	ng/ul		98
15) Phenanthrene	16.977	178	10464	0.293	ng/ul		100
16) Anthracene	17.067	178	8976	0.286	ng/ul		99
19) Fluoranthene	18.992	202	11385	0.293	ng/ul		100
20) Pyrene	19.354	202	11553	0.289	ng/ul		99
21) Benzo(a)anthracene	21.099	228	9146	0.298	ng/ul		100
22) Chrysene	21.150	228	10415	0.309	ng/ul		99
24) Benzo(b)fluoranthene	22.614	252	10406	0.303	ng/ul		86
25) Benzo(k)fluoranthene	22.653	252	10941	0.320	ng/ul	#	87
26) Benzo(a)pyrene	23.157	252	8668	0.301	ng/ul	#	84
27) Indeno(1,2,3-cd)pyrene	25.350	276	11318	0.322	ng/ul	#	97
28) Dibenzo(a,h)anthracene	25.355	278	8840	0.319	ng/ul	#	93
29) Benzo(g,h,i)perylene	25.994	276	10242	0.334	ng/ul		98

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

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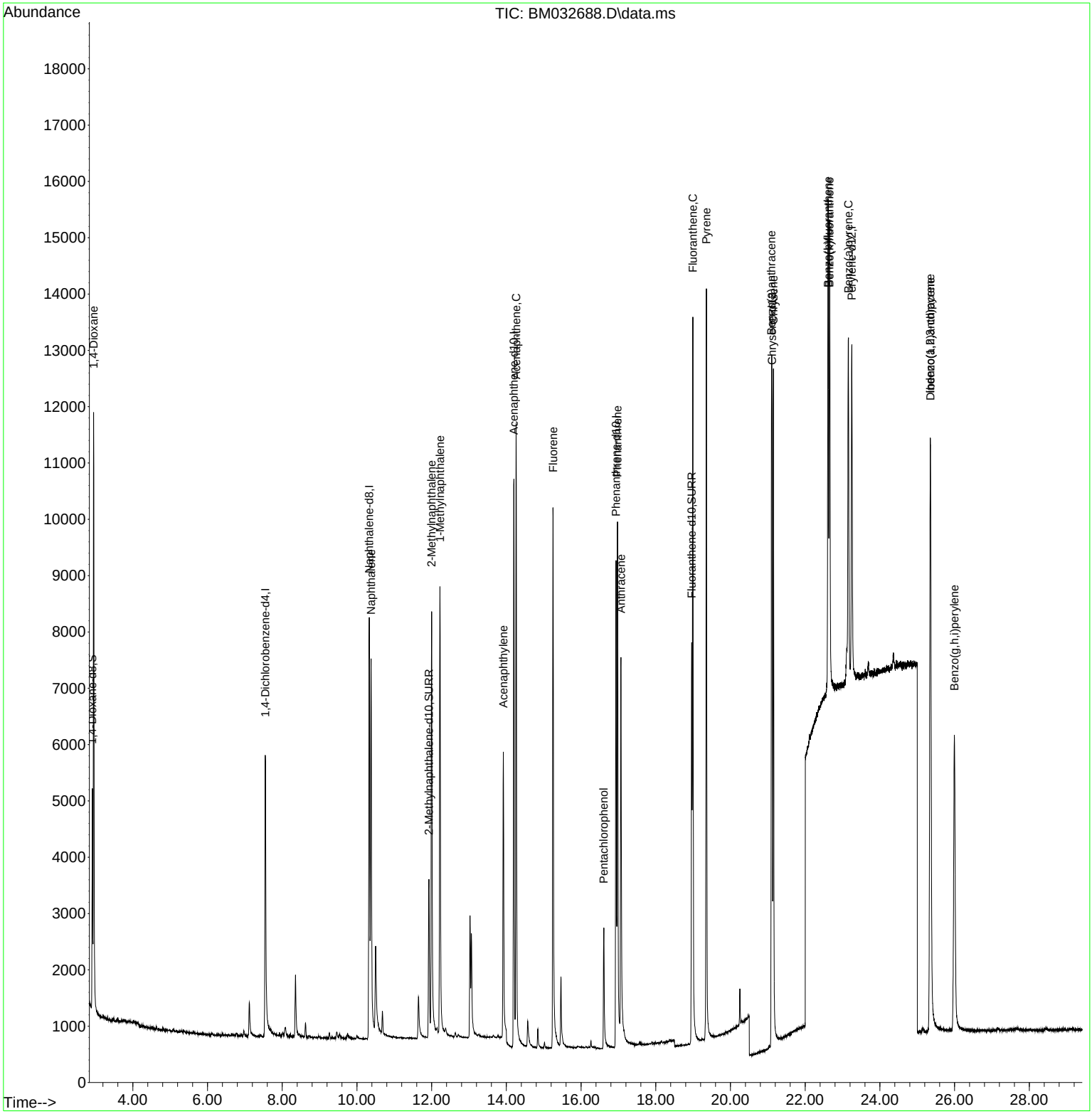
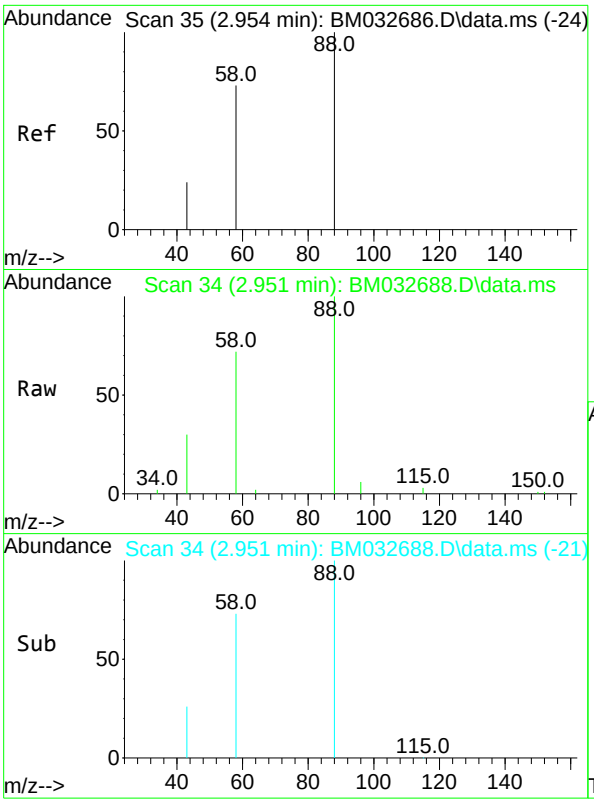


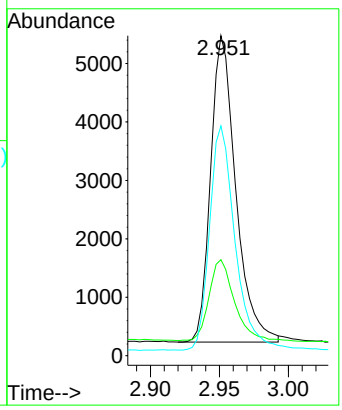
Instrument :
BNA_M
ClientSampleId :
SLCS191

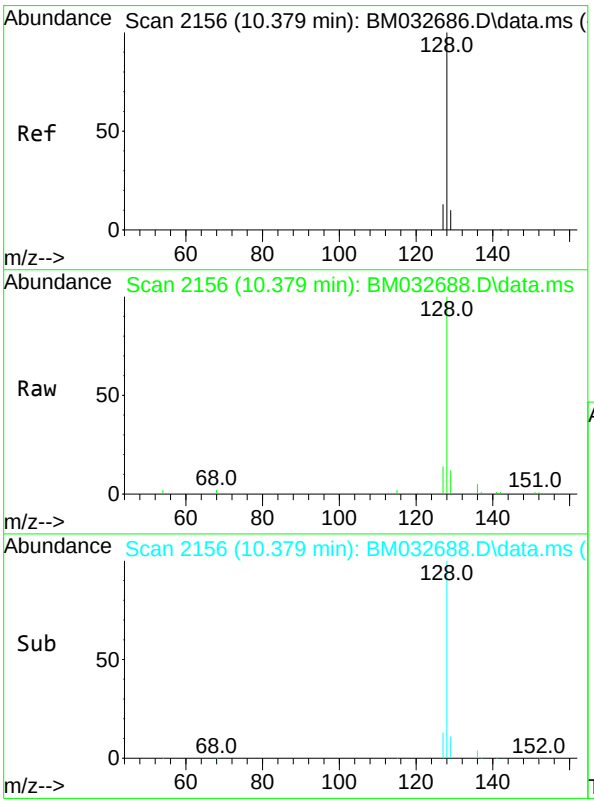


#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion: 88 Resp: 6665

Ion	Ratio	Lower	Upper
88	100		
43	30.0	46.6	69.8#
58	71.8	60.7	91.1

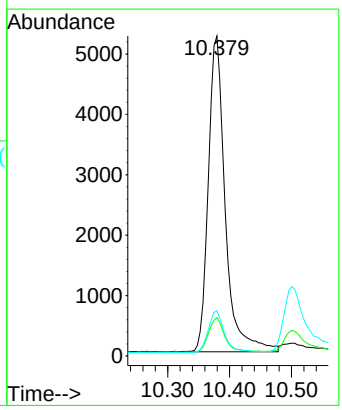




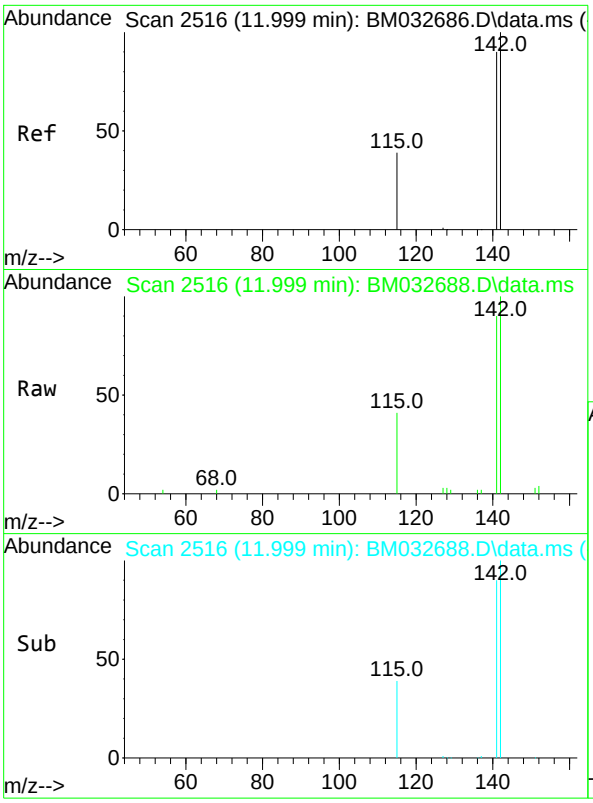
#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.379 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:128 Resp: 9926

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.2	11.1	16.7



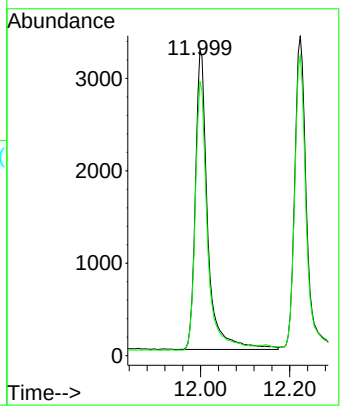
Instrument :
BNA_M
ClientSampleId :
SLCS191

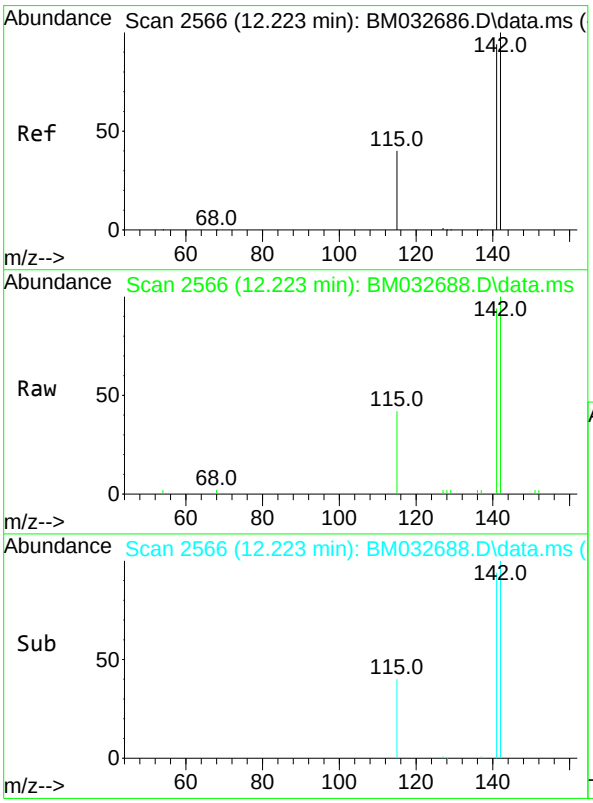


#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 11.999 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:142 Resp: 6233

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.2	108.2

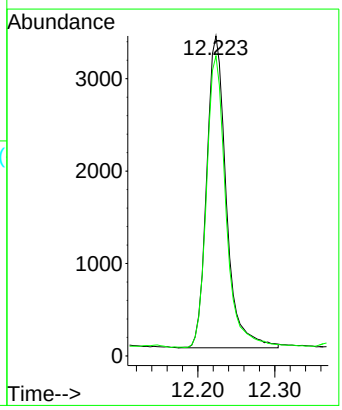




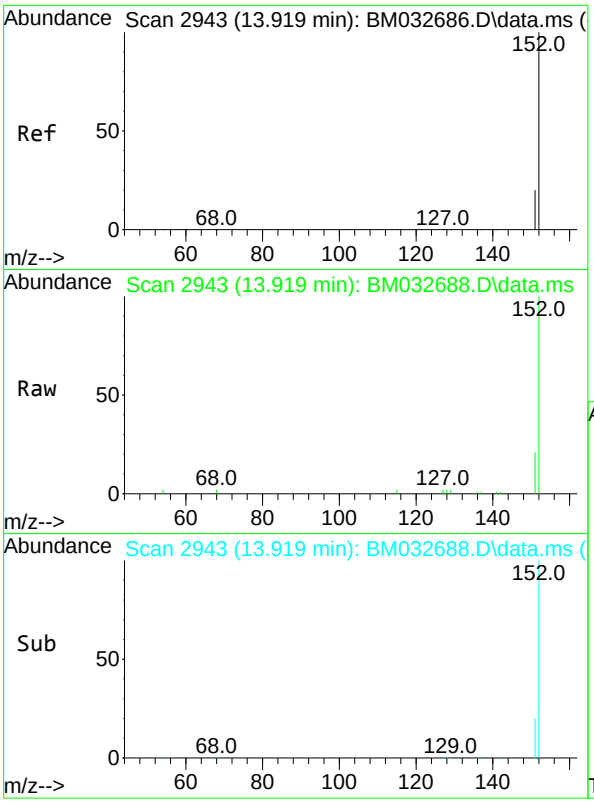
#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.223 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:142 Resp: 5986

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.9	112.3



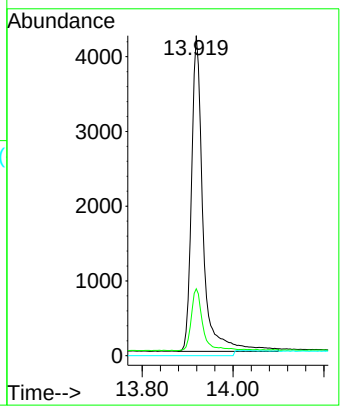
Instrument :
BNA_M
ClientSampleId :
SLCS191

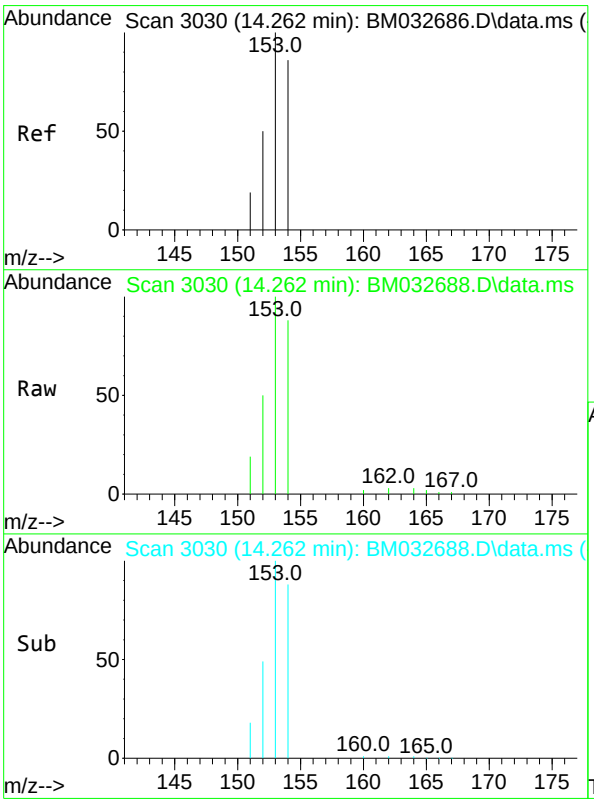


#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.919 min Scan# 2943
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:152 Resp: 6968

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	0.0	0.0	0.0

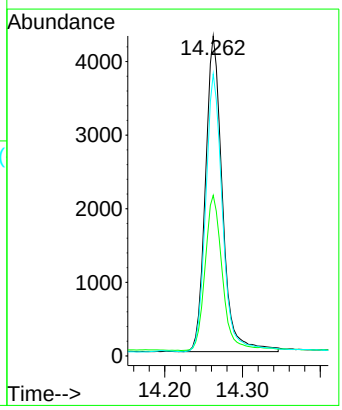




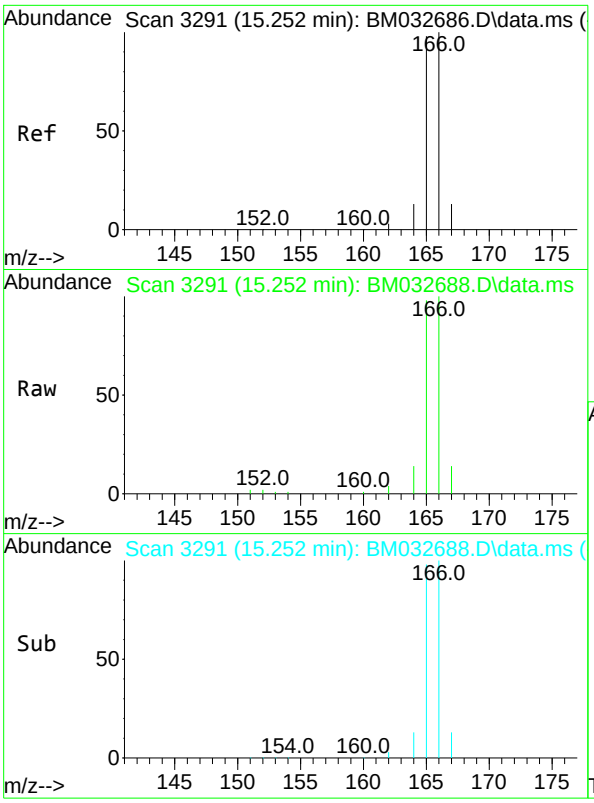
#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.262 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:153 Resp: 6497

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.4	60.6
154	88.2	70.8	106.2



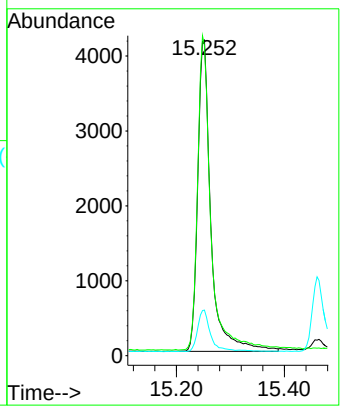
Instrument :
BNA_M
ClientSampleId :
SLCS191

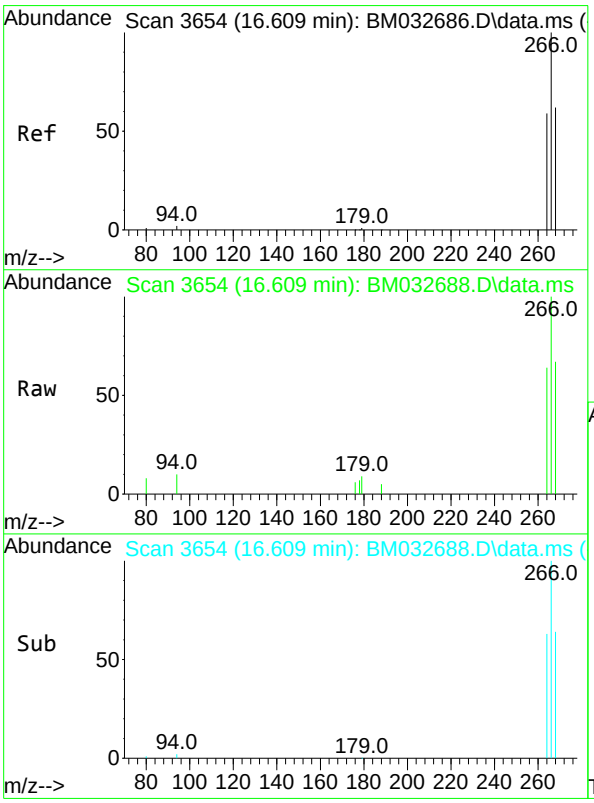


#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.252 min Scan# 3291
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:166 Resp: 7080

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.7	121.1
167	14.5	11.2	16.8

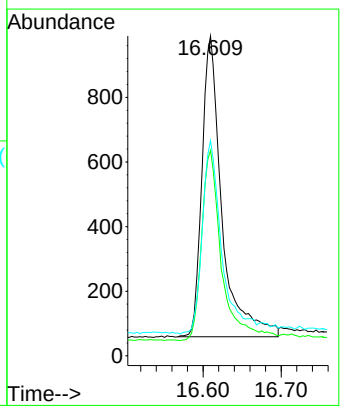




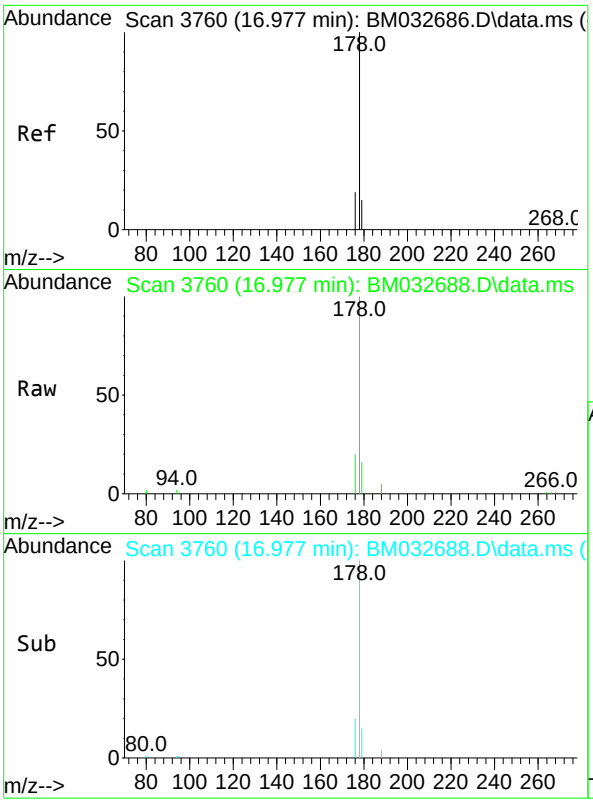
#14
Pentachlorophenol
Concen: 0.609 ng/ul
RT: 16.609 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:266 Resp: 1662

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	65.1	50.2	75.2



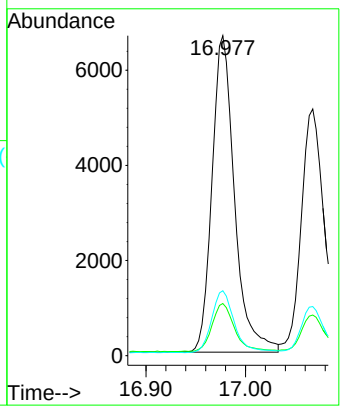
Instrument :
BNA_M
ClientSampleId :
SLCS191

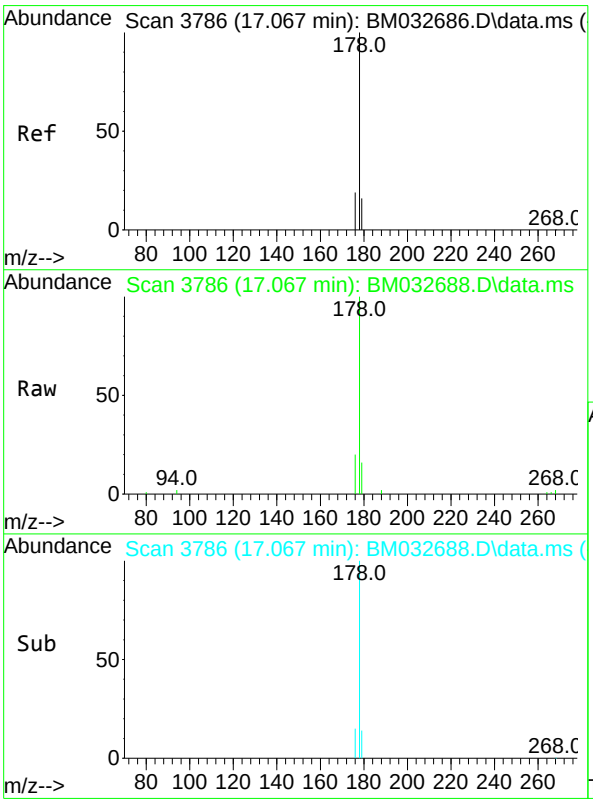


#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 16.977 min Scan# 3760
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:178 Resp: 10464

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.3	16.1	24.1

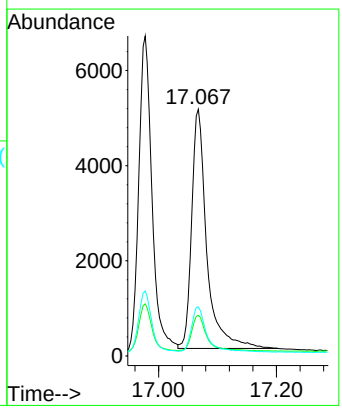




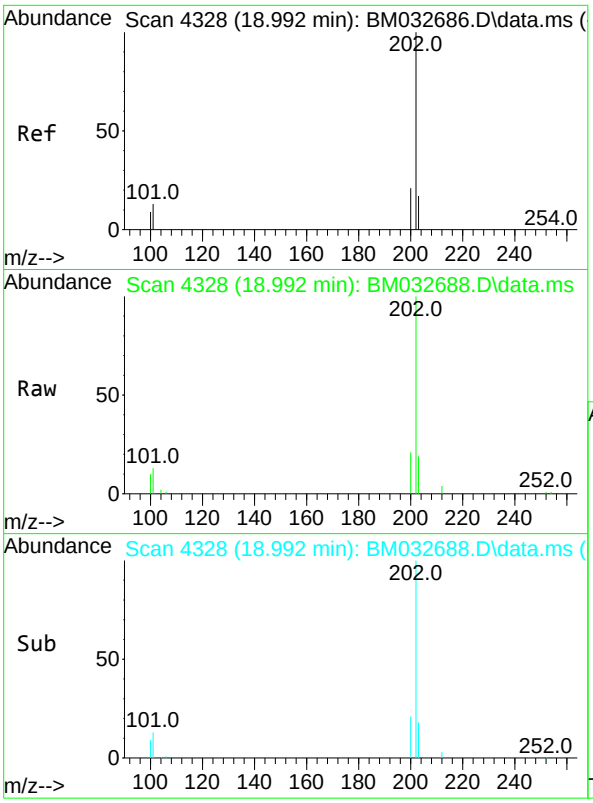
#16
Anthracene
Concen: 0.286 ng/ul
RT: 17.067 min Scan# 3786
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:178 Resp: 8976

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.9	15.8	23.6



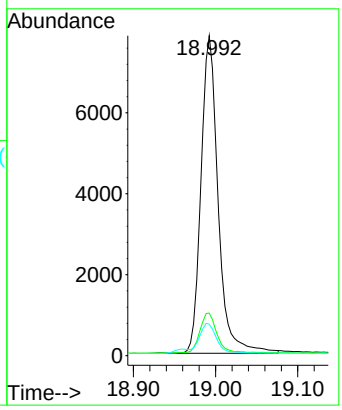
Instrument :
BNA_M
ClientSampleId :
SLCS191

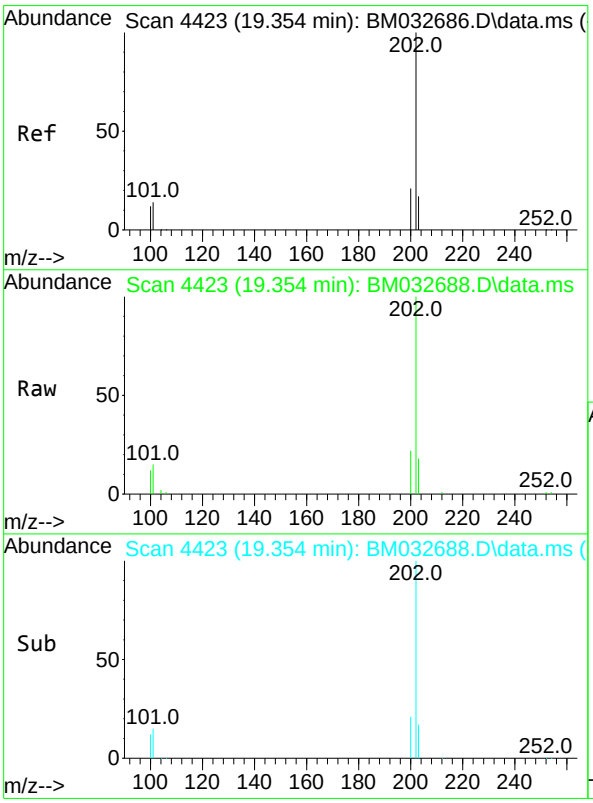


#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 18.992 min Scan# 4328
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:202 Resp: 11385

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
100	9.8	7.8	11.8

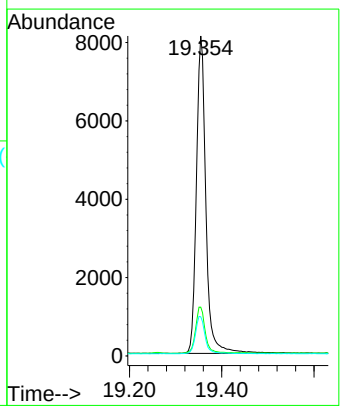




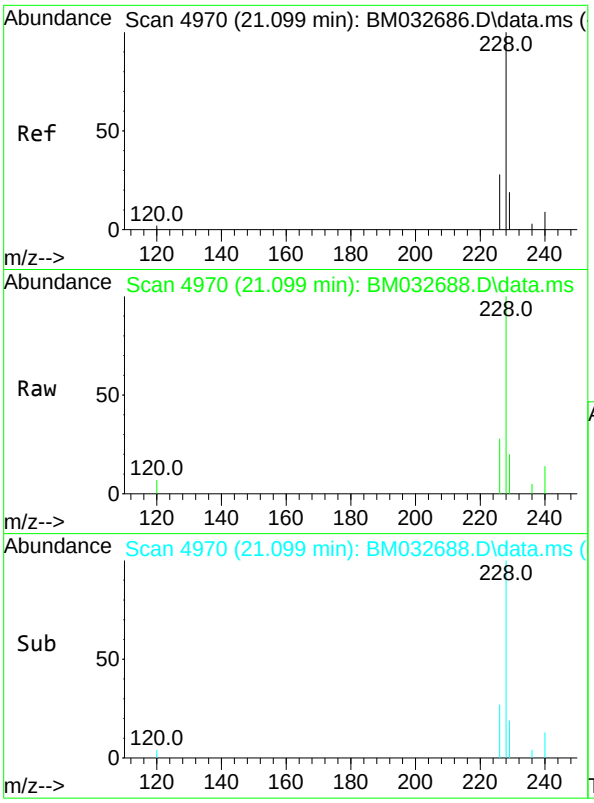
#20
Pyrene
Concen: 0.289 ng/ul
RT: 19.354 min Scan# 4423
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:202 Resp: 11553

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.3	18.5
100	12.2	10.1	15.1



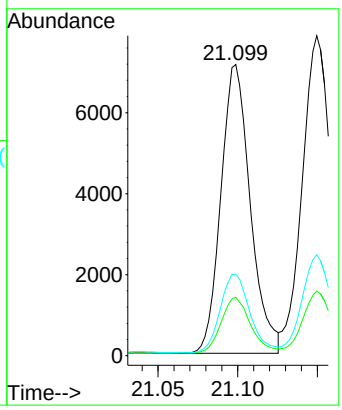
Instrument :
BNA_M
ClientSampleId :
SLCS191

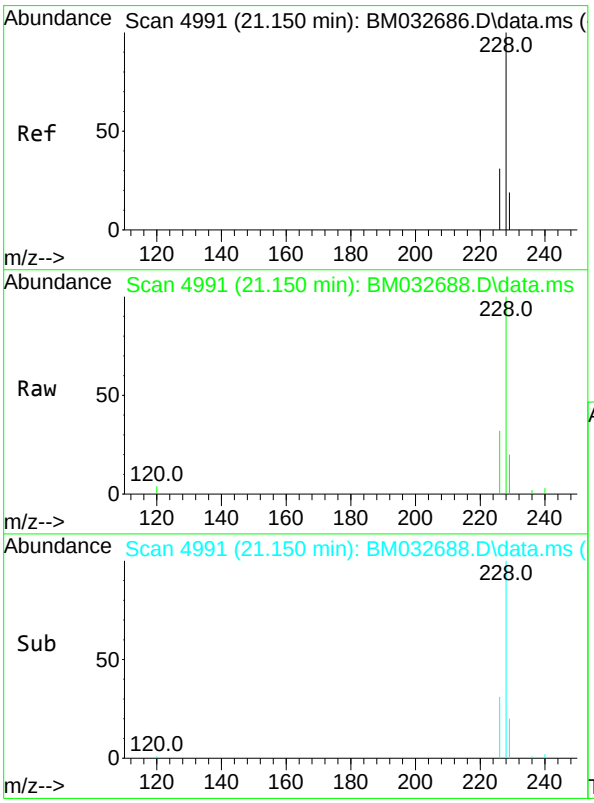


#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.099 min Scan# 4970
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:228 Resp: 9146

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.9	22.4	33.6

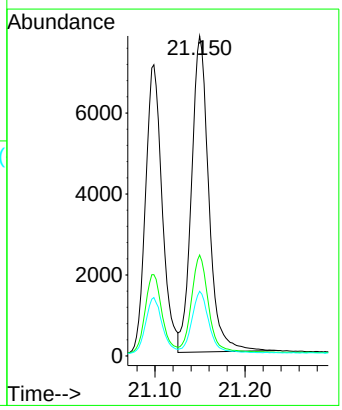




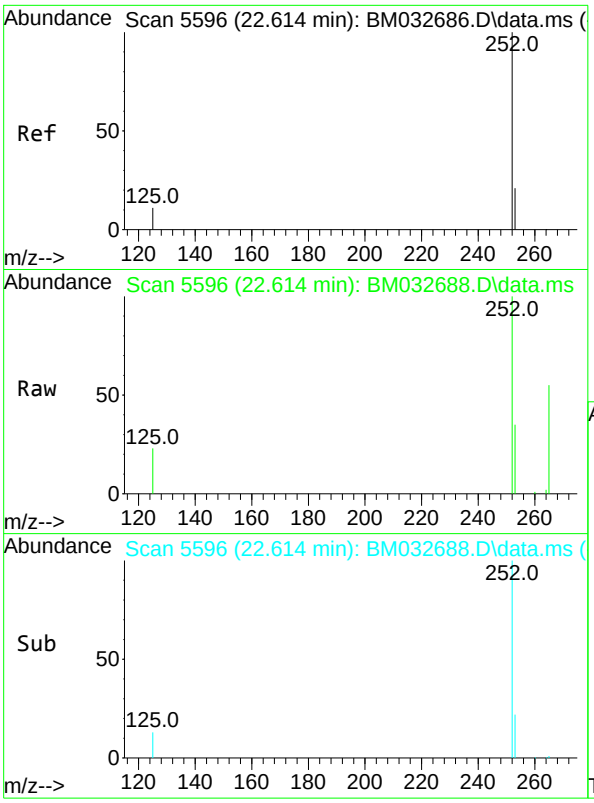
#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.150 min Scan# 4991
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:228 Resp: 10415

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.2	15.7	23.5



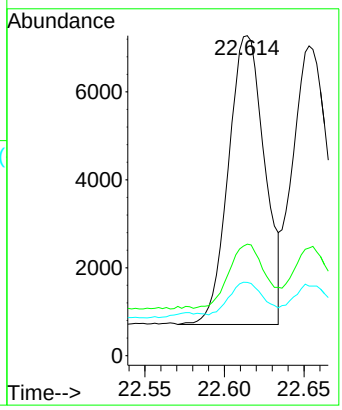
Instrument :
BNA_M
ClientSampleId :
SLCS191

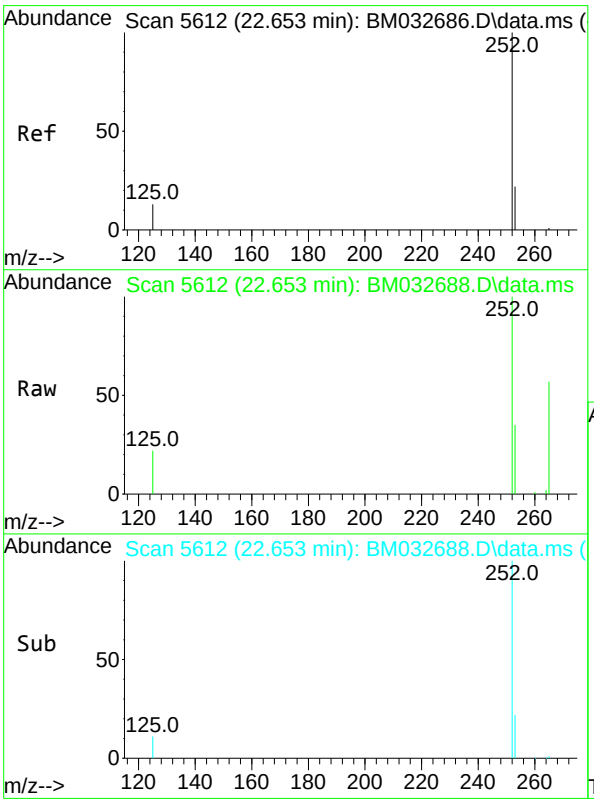


#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 22.614 min Scan# 5596
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:252 Resp: 10406

Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	53.8
125	22.9	0.0	35.6

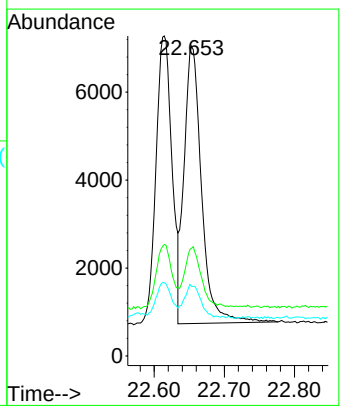




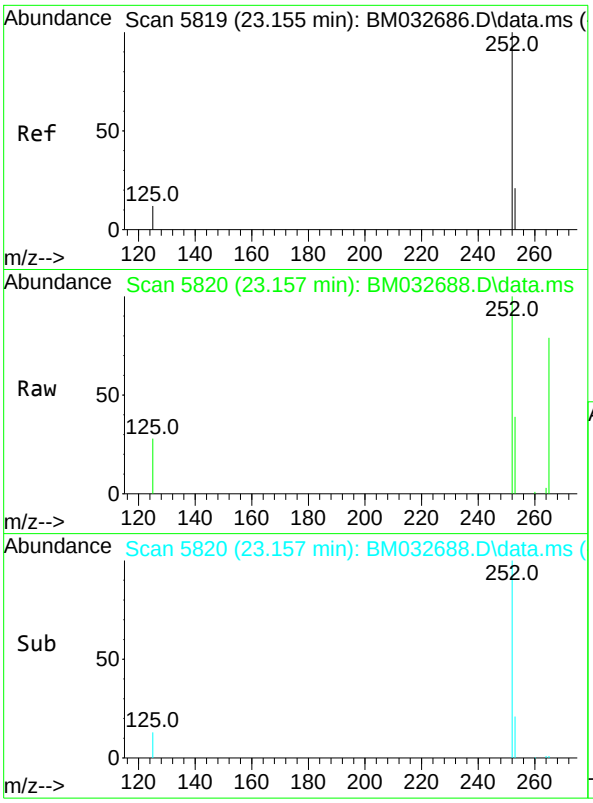
#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 22.653 min Scan# 5612
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:252 Resp: 10941

Ion	Ratio	Lower	Upper
252	100		
253	34.8	21.8	32.6#
125	22.5	14.4	21.6#



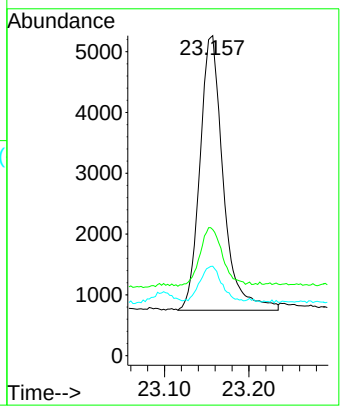
Instrument :
BNA_M
ClientSampleId :
SLCS191

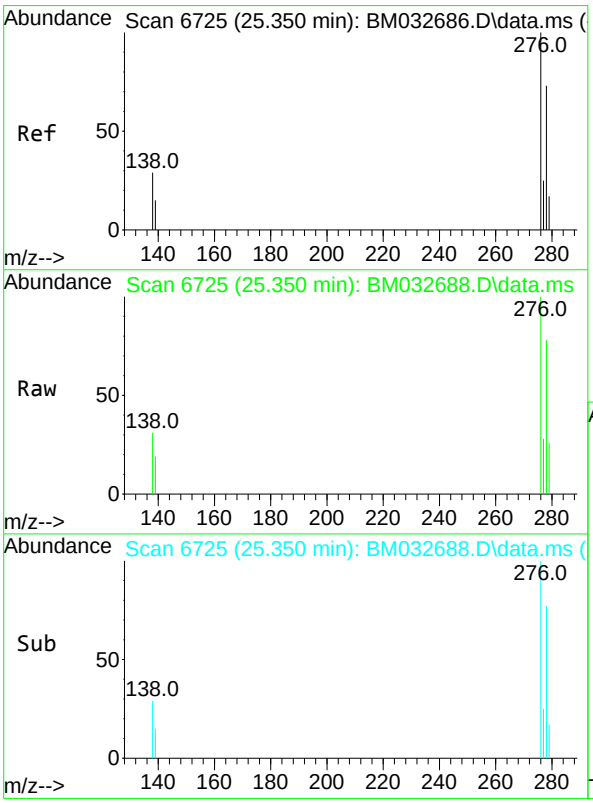


#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.157 min Scan# 5820
Delta R.T. 0.002 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:252 Resp: 8668

Ion	Ratio	Lower	Upper
252	100		
253	39.4	23.6	35.4#
125	28.0	17.1	25.7#

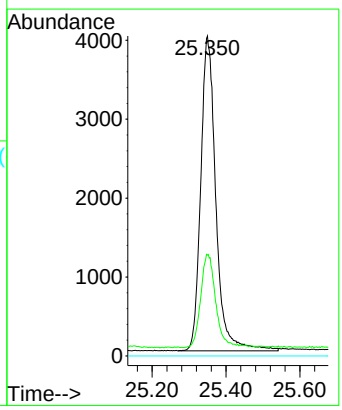




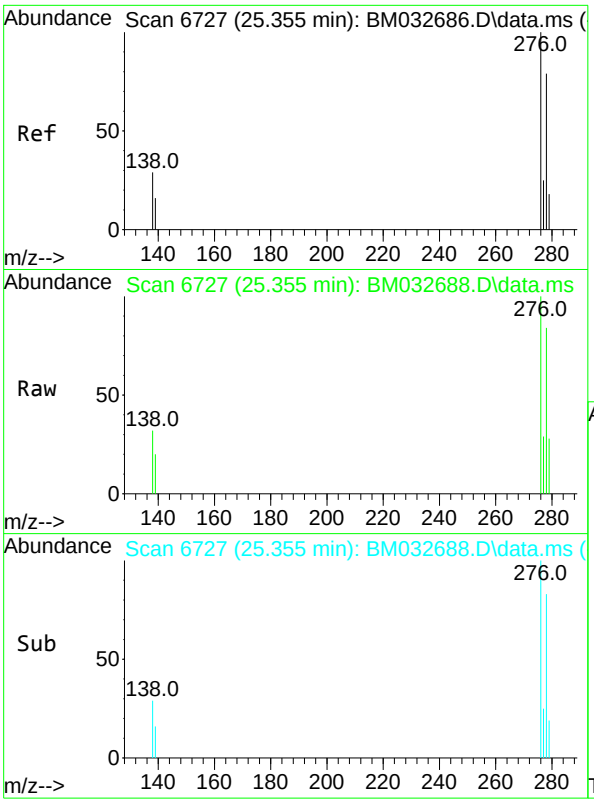
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 25.350 min Scan# 6725
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:276 Resp: 11318

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.9	37.3
227	0.0	0.0	0.0



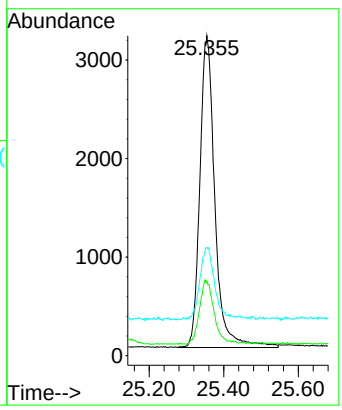
Instrument :
BNA_M
ClientSampleId :
SLCS191

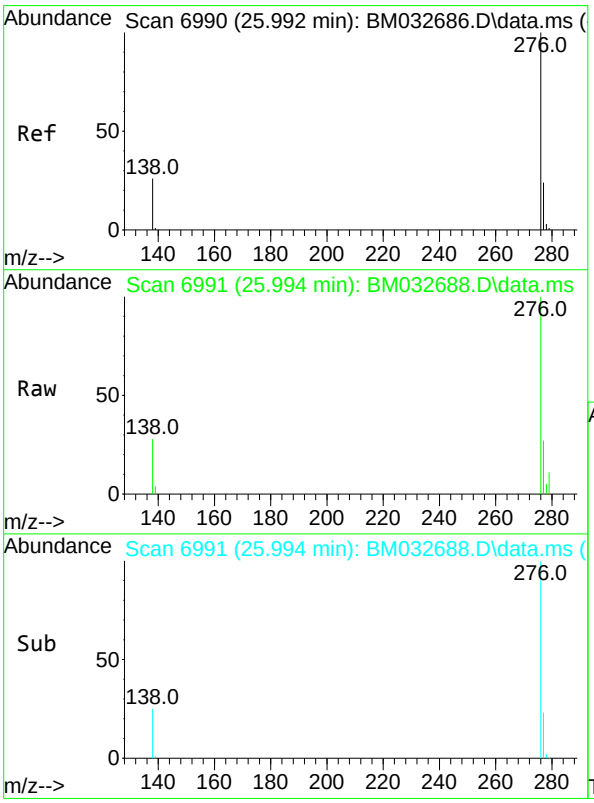


#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. 0.000 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:278 Resp: 8840

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.6	28.0
279	33.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 25.994 min Scan# 6991
Delta R.T. 0.002 min
Lab File: BM032688.D
Acq: 25 Oct 2021 11:20

Tgt Ion:276 Resp: 10242

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.6	33.8
277	26.8	19.9	29.9