Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037645.D
Acq On : 22 Nov 2022 17:00
Operator : CG/JU
Sample : PB149043BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS043

Quant Time: Nov 22 22:52:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	15084	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.747	164	8791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	20274	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	14489	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	13065	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4290	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.526	152	7887	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	17722	0.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	11162	1.698	ng/ul#	51
5) Naphthalene	10.997	128	15306	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.597	142	9814	0.315	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	10419	0.326	ng/ul	99
10) Acenaphthylene	14.470	152	14618	0.300	ng/ul	99
11) Acenaphthene	14.812	153	11752	0.345	ng/ul	98
12) Fluorene	15.788	166	13818	0.337	ng/ul	99
14) Pentachlorophenol	17.124	266	3024	0.665	ng/ul	99
15) Phenanthrene	17.521	178	23435	0.338	ng/ul	99
16) Anthracene	17.614	178	20152	0.301	ng/ul	99
19) Fluoranthene	19.523	202	26749	0.383	ng/ul	95
20) Pyrene	19.885	202	27319	0.376	ng/ul	99
21) Benzo(a)anthracene	21.622	228	22861	0.353	ng/ul	100
22) Chrysene	21.674	228	24793	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.361	252	26287	0.441	ng/ul	91
25) Benzo(k)fluoranthene	23.411	252	23858	0.397	ng/ul#	91
26) Benzo(a)pyrene	24.013	252	21024	0.406	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.731	276	26261	0.383	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.751	278	20355	0.377	ng/ul	95
29) Benzo(g,h,i)perylene	27.536	276	22282	0.382	ng/ul	96

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

Quantitation Report (QT Reviewed)

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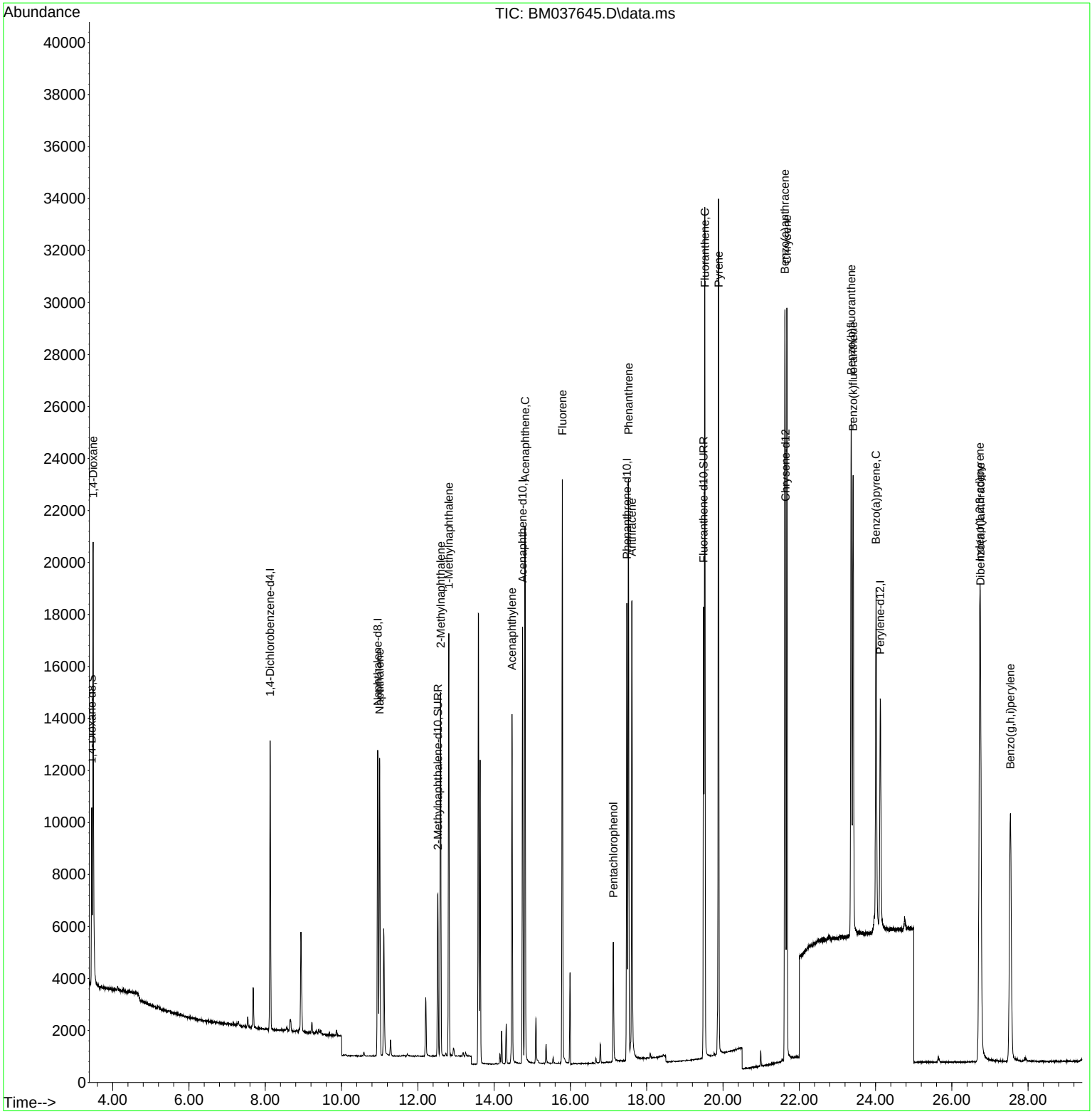
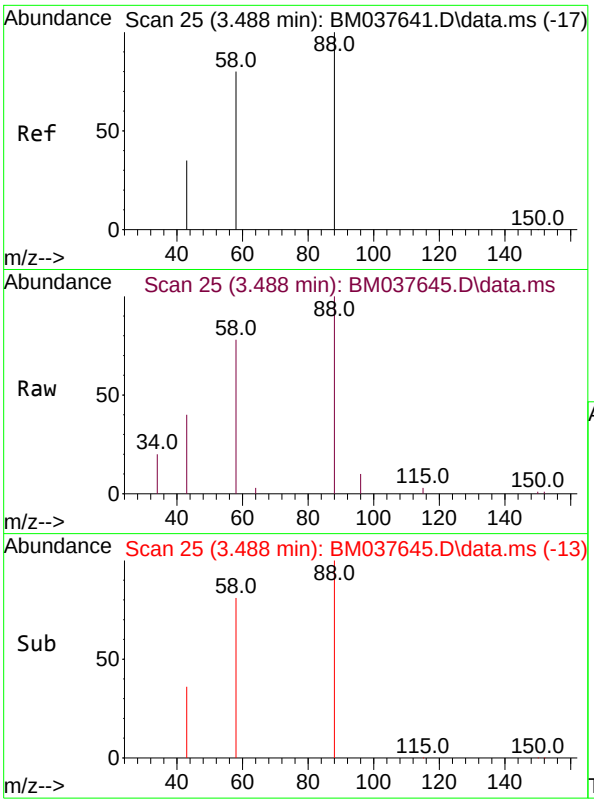


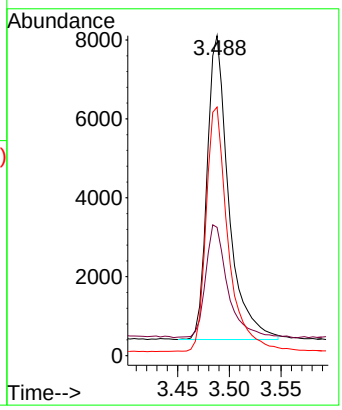


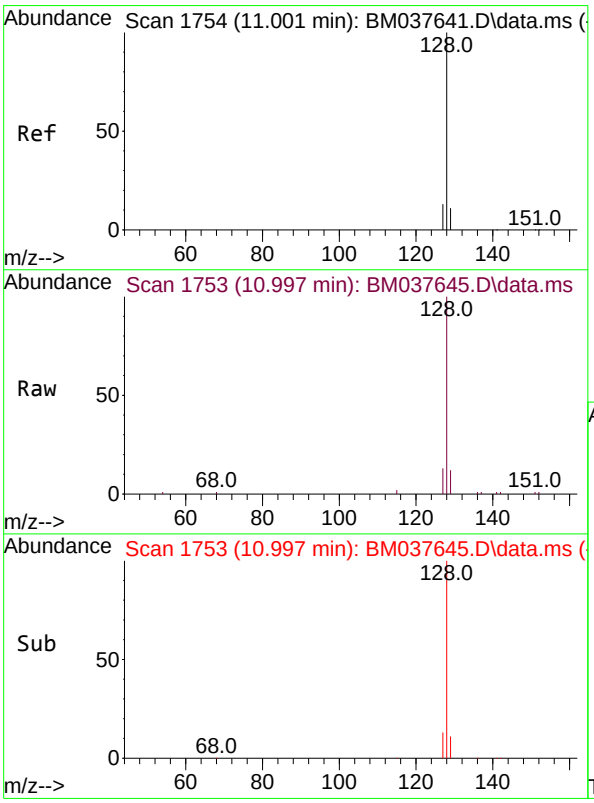
#2
1,4-Dioxane
Concen: 1.698 ng/ul
RT: 3.488 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion: 88 Resp: 11162

Ion	Ratio	Lower	Upper
88	100		
43	40.1	102.8	154.2#
58	77.7	67.3	100.9

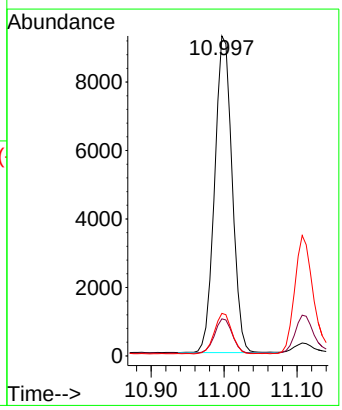


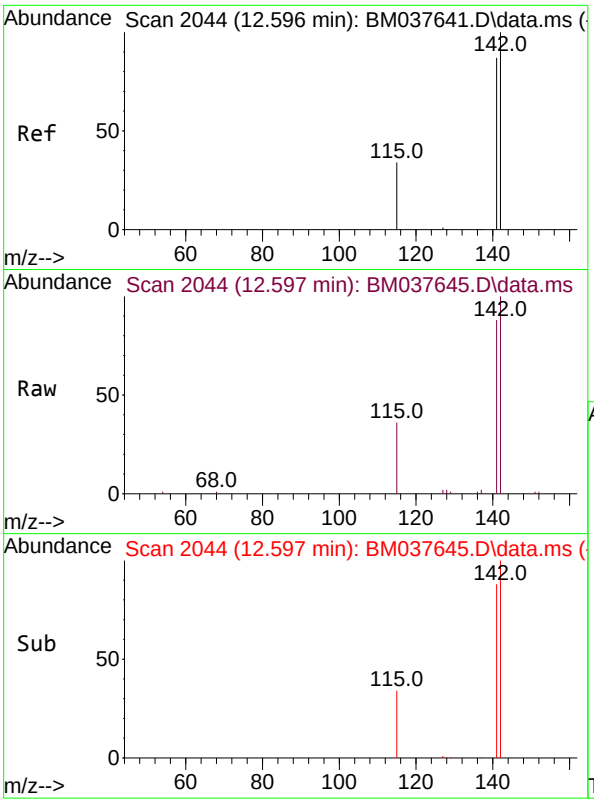


#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:128 Resp: 15306

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.3	11.0	16.4



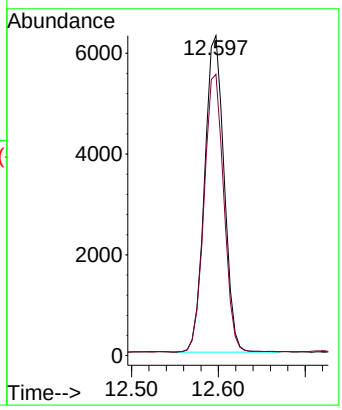


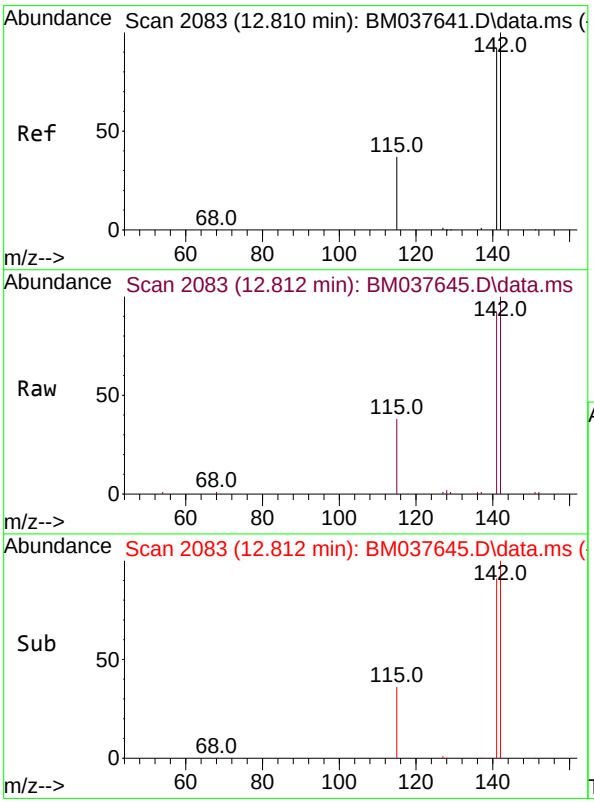
#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.597 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:142 Resp: 9814

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4

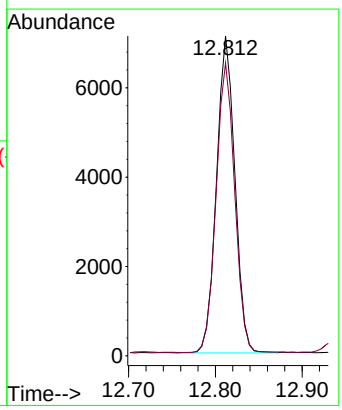


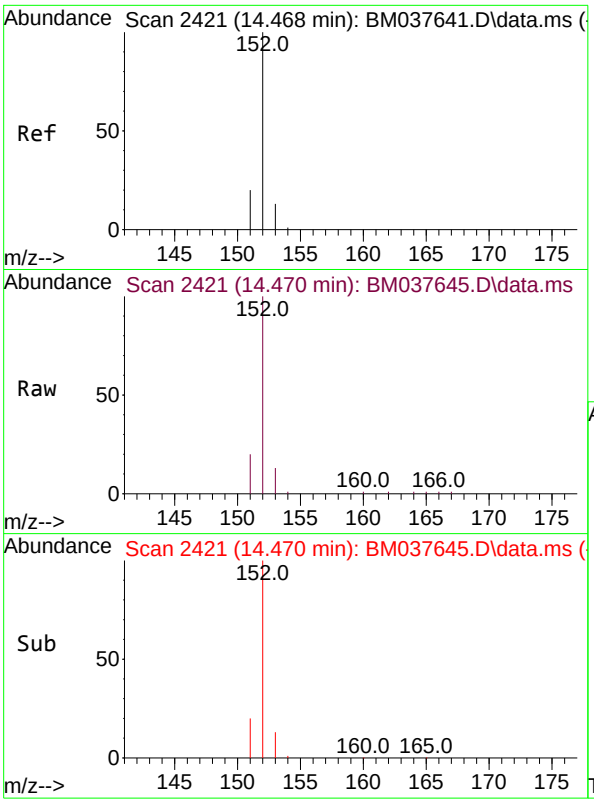


#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:142 Resp: 10419

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0



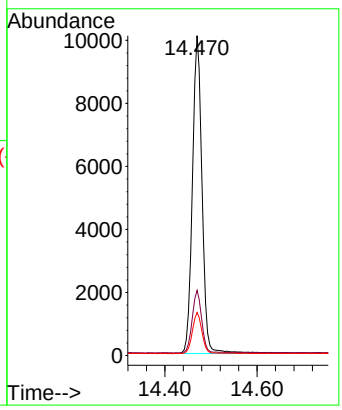


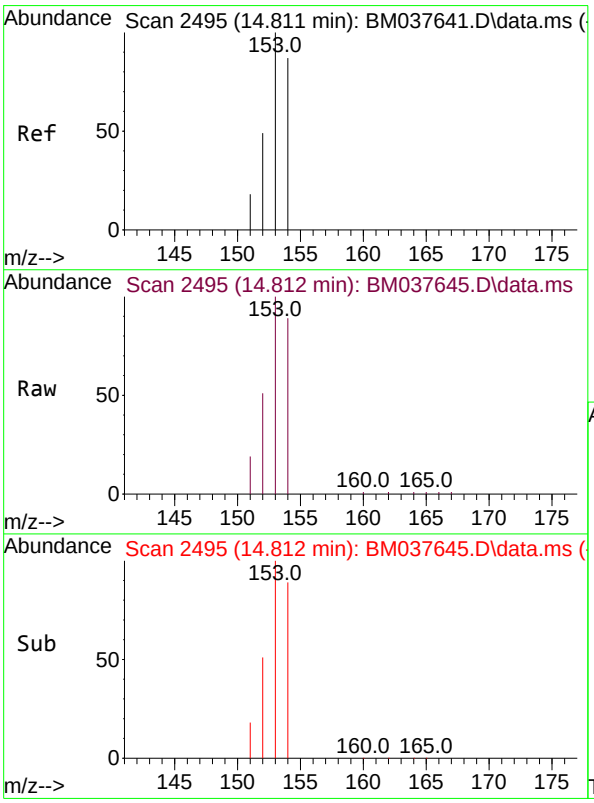
#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.470 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:152 Resp: 14618

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.5	11.0	16.4

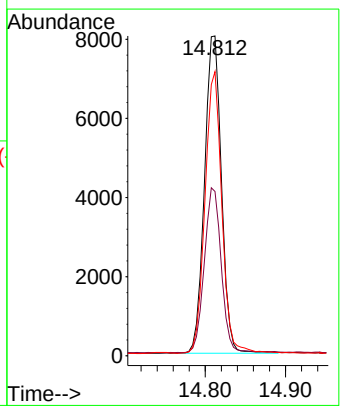


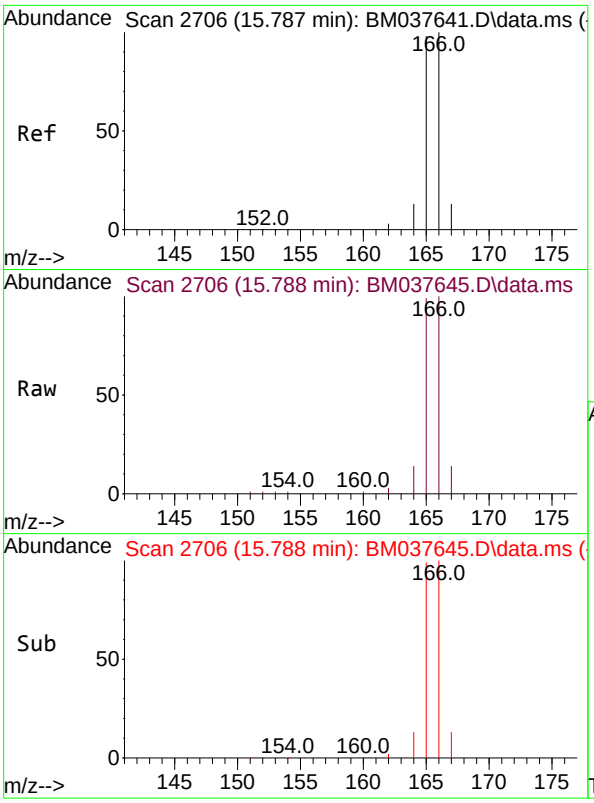


#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.812 min Scan# 2495
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:153 Resp: 11752

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.4	59.0
154	88.8	69.5	104.3



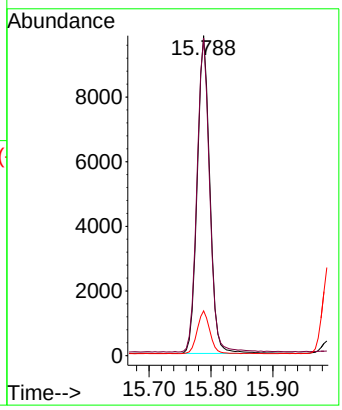


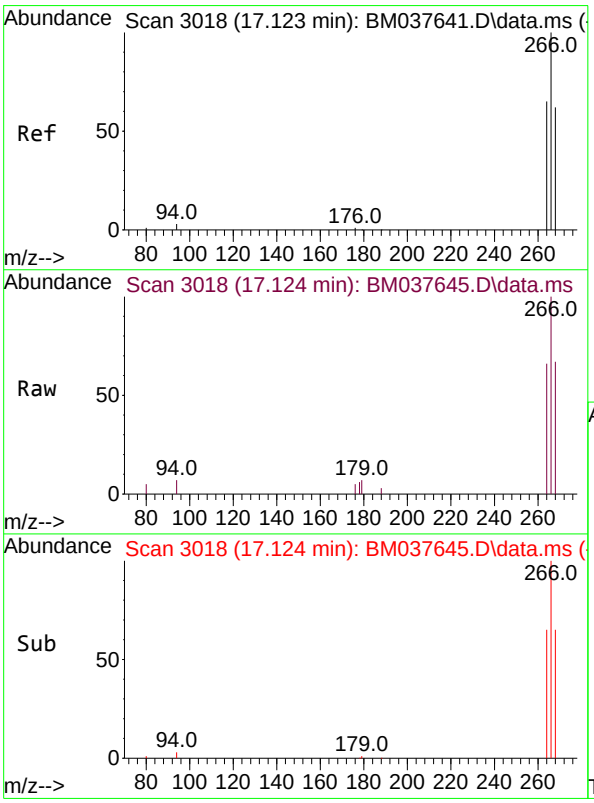
#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.788 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:166 Resp: 13818

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.7	118.1
167	14.0	11.3	16.9

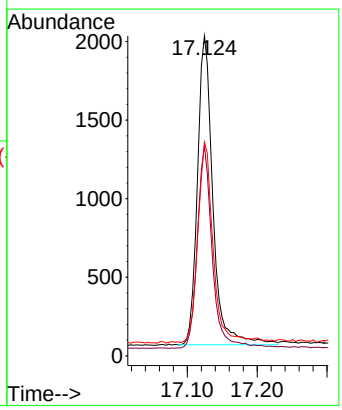


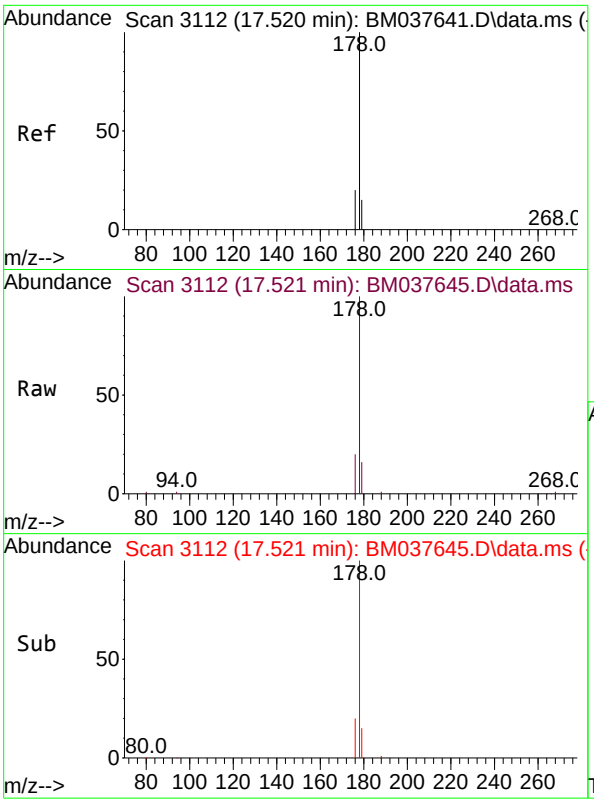


#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 17.124 min Scan# 3018
Delta R.T. -0.003 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:266 Resp: 3024

Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.2	75.2
268	64.5	52.0	78.0



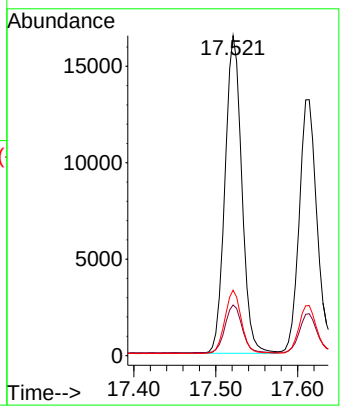


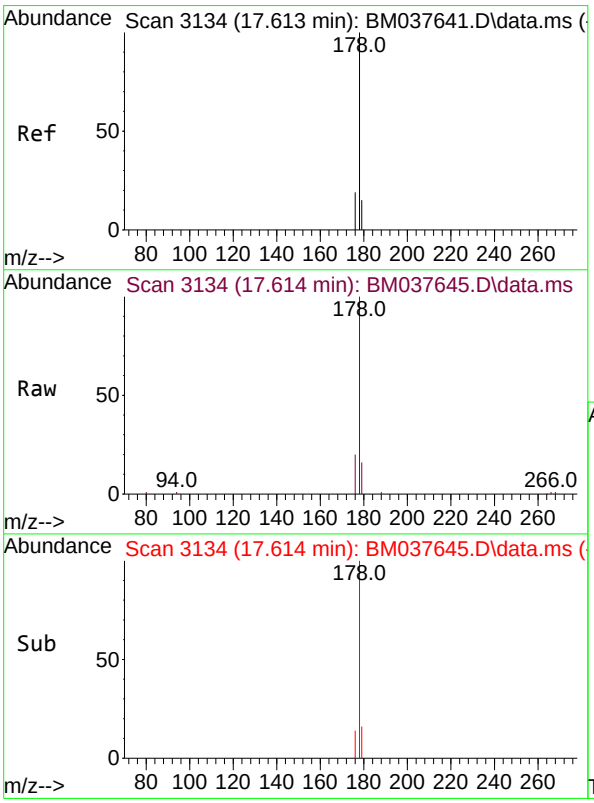
#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.521 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:178 Resp: 23435

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	20.4	16.0	24.0

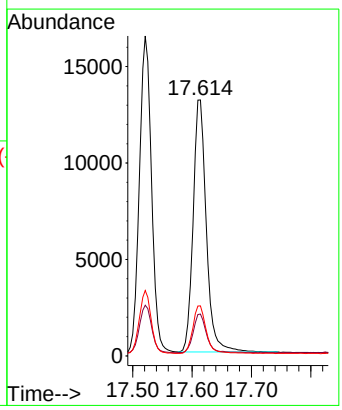


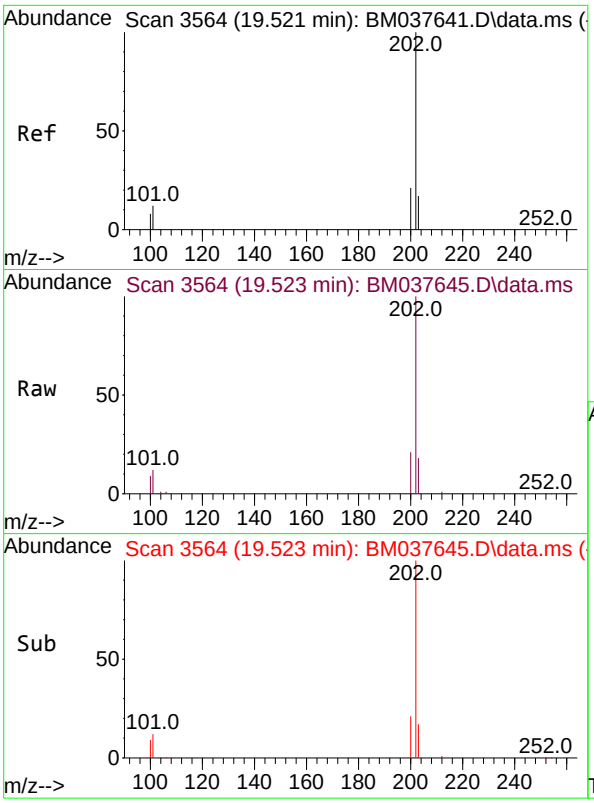


#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:178 Resp: 20152

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.5	15.0	22.6



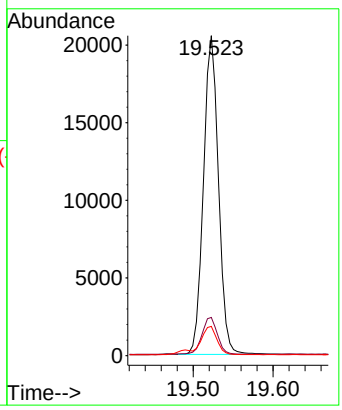


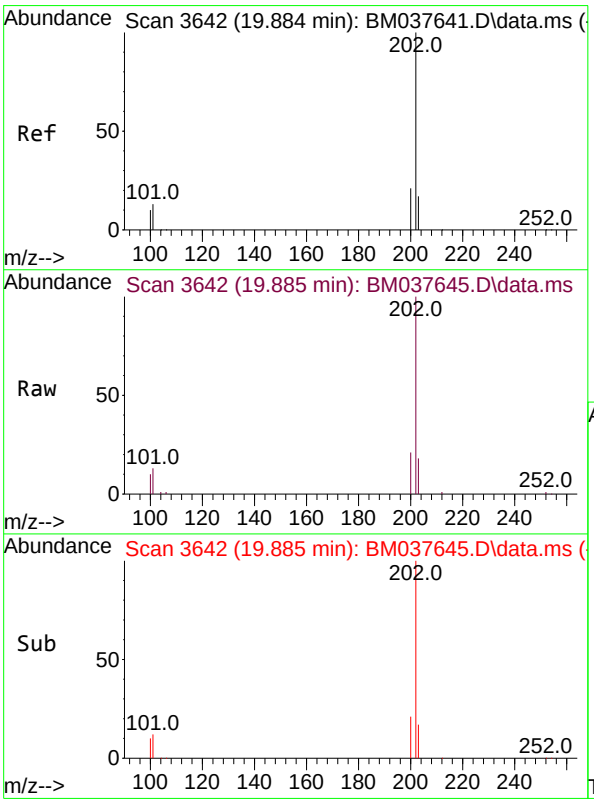
#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.523 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:202 Resp: 26749

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.2	12.2
100	9.1	6.1	9.1

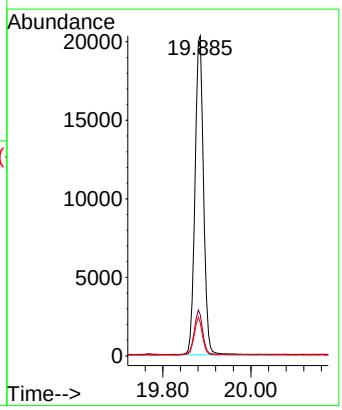


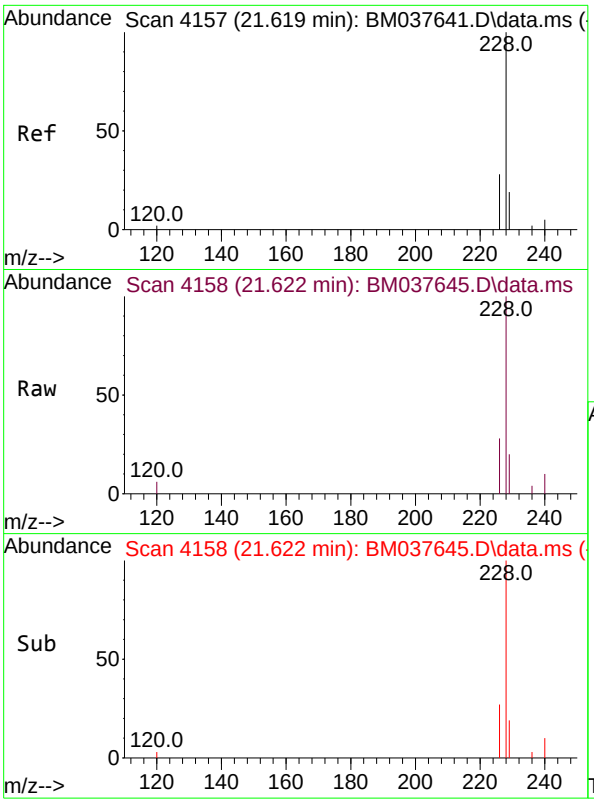


#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:202 Resp: 27319

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	10.3	8.0	12.0



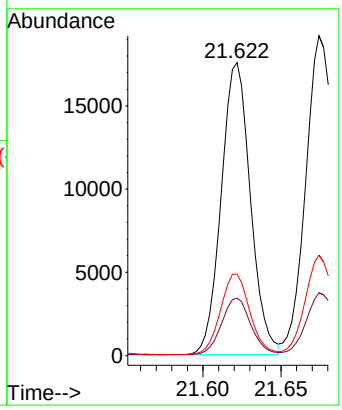


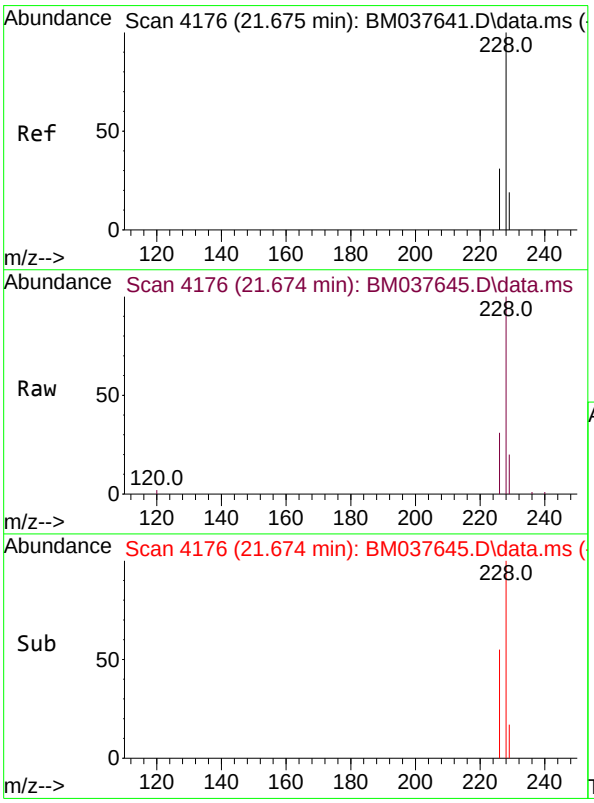
#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.622 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:228 Resp: 22861

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.8	22.2	33.2

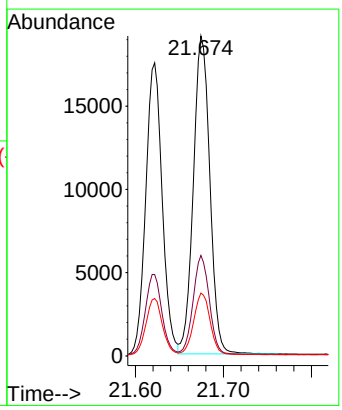


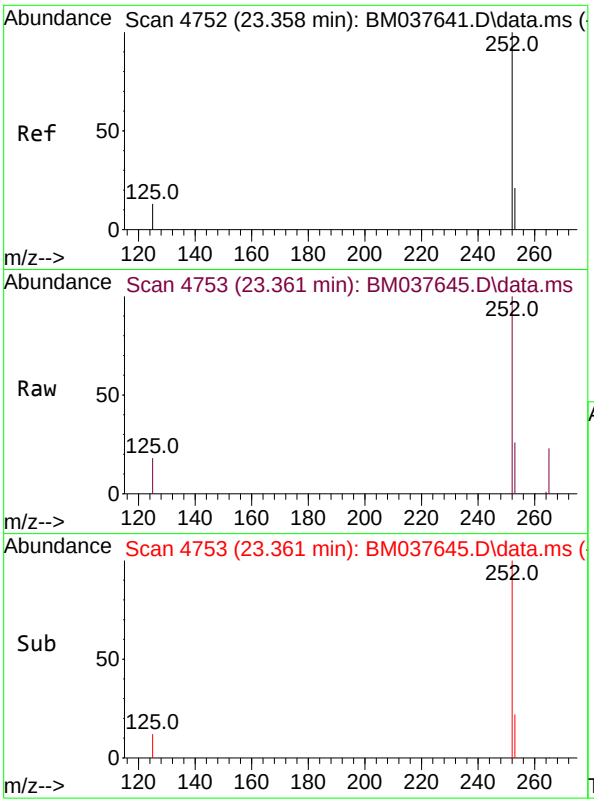


#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:228 Resp: 24793

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	19.6	15.5	23.3



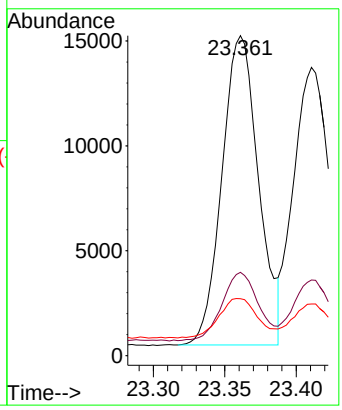


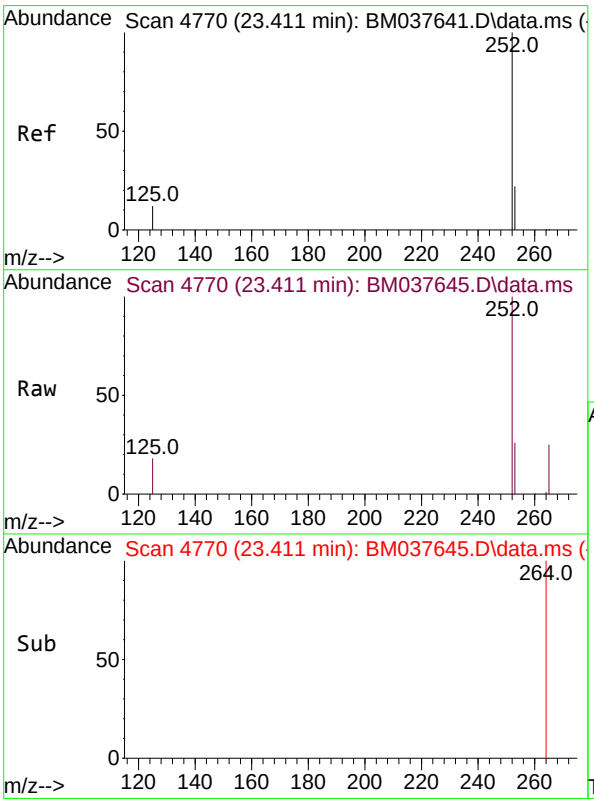
#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.361 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:252 Resp: 26287

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	46.2
125	17.8	0.0	23.4

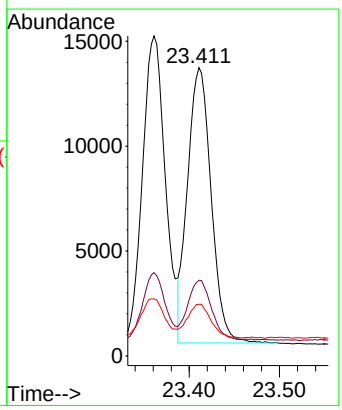


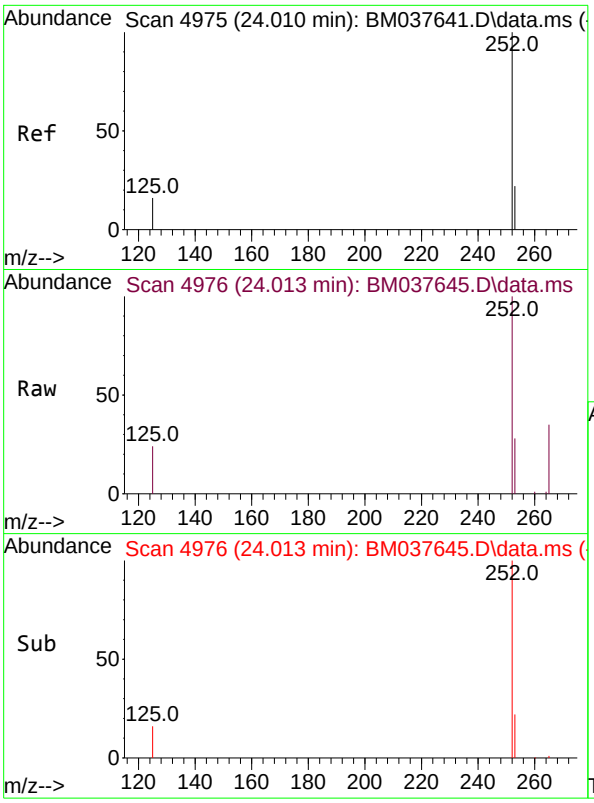


#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:252 Resp: 23858

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.8	28.2
125	17.9	9.8	14.6#



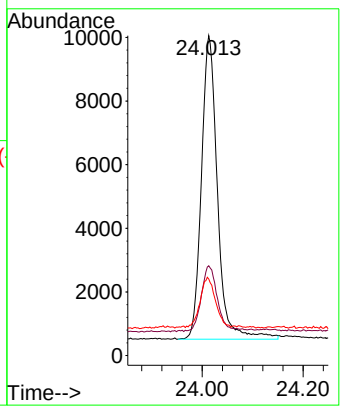


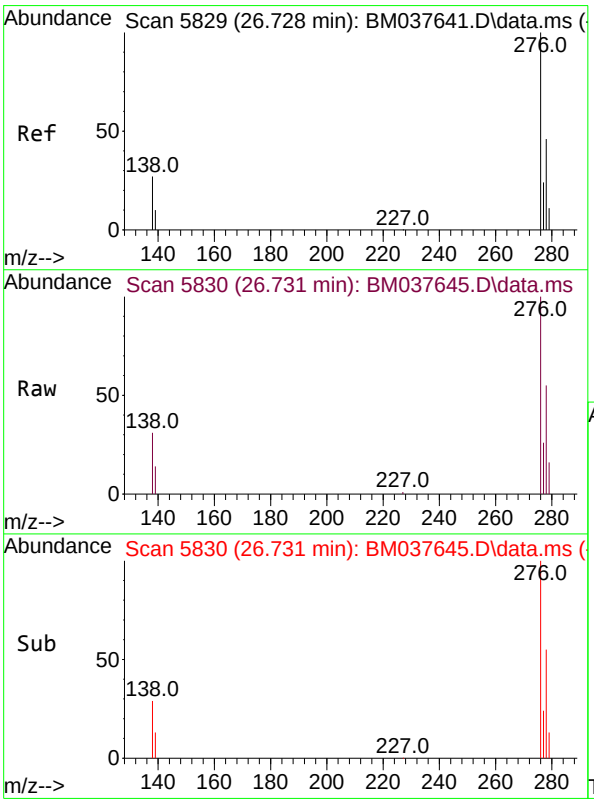
#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 24.013 min Scan# 49
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:252 Resp: 21024

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.8	28.2
125	23.9	10.5	15.7#

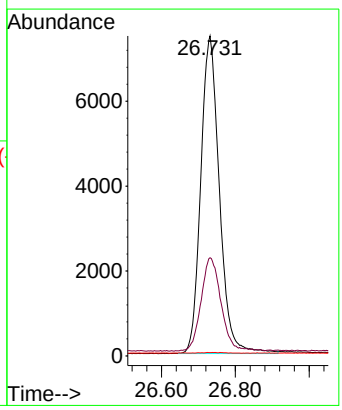


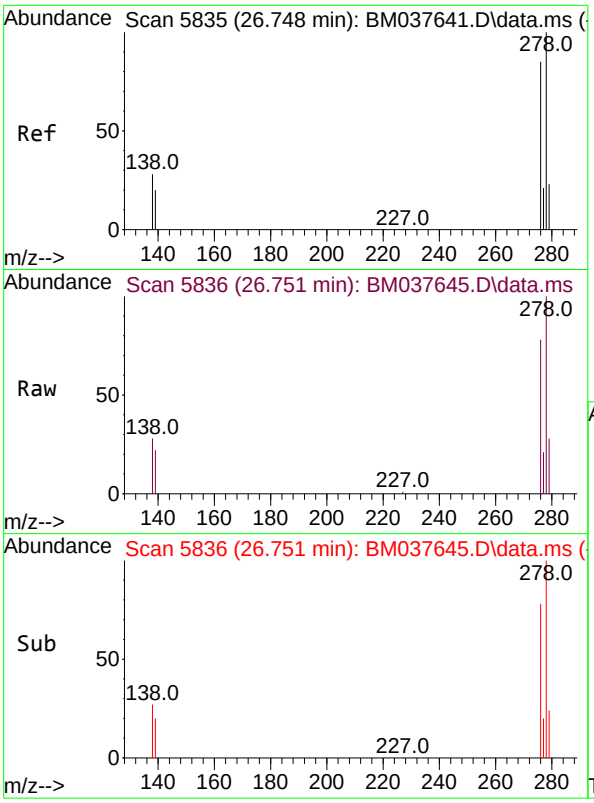


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.731 min Scan# 5830
Delta R.T. 0.003 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:276 Resp: 26261

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.2	31.8
227	0.1	0.1	0.1#



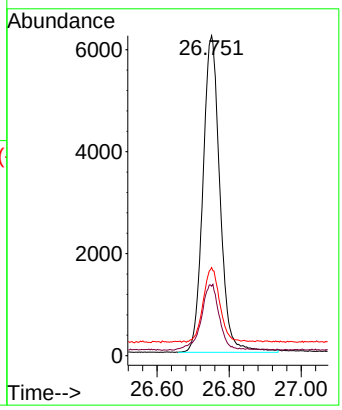


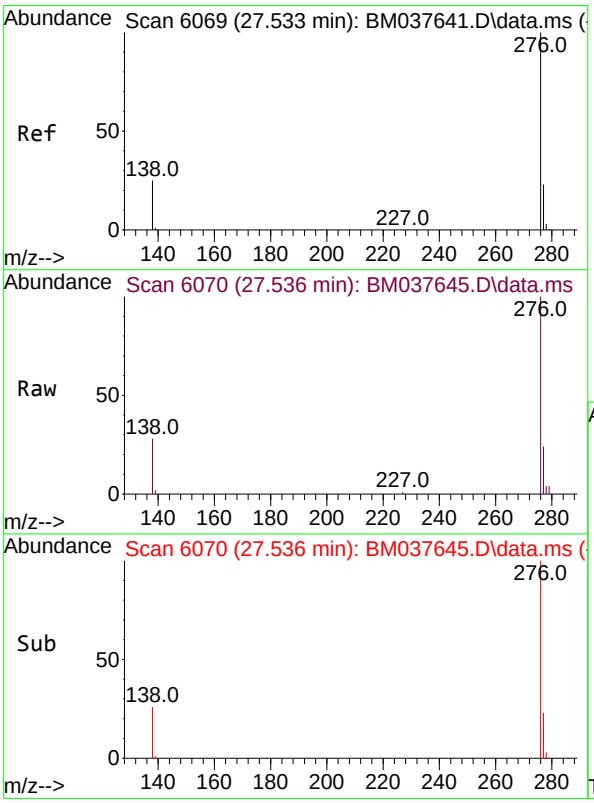
#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.751 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Instrument :
BNA_M
ClientSampleId :
SLCS043

Tgt Ion:278 Resp: 20355

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.2	22.8
279	27.5	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.536 min Scan# 6070
Delta R.T. 0.003 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:276 Resp: 22282

Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.0	28.4
277	24.4	19.4	29.2