Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036870.D
Acq On : 07 Oct 2022 23:06
Operator : CG/JU
Sample : PB148013BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS013

Quant Time: Oct 08 02:23:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	21507	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.589	164	11397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	23569	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	19989	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	16048	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5530	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10348	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	19862	0.332	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	14666	1.651	ng/ul#	77
5) Naphthalene	10.820	128	18963	0.308	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	11660	0.310	ng/ul	93
8) 1-Methylnaphthalene	12.646	142	12100	0.317	ng/ul	99
10) Acenaphthylene	14.311	152	14624	0.309	ng/ul	99
11) Acenaphthene	14.654	153	12554	0.305	ng/ul	99
12) Fluorene	15.635	166	14056	0.302	ng/ul	100
14) Pentachlorophenol	16.976	266	2630	0.461	ng/ul	100
15) Phenanthrene	17.368	178	23142	0.308	ng/ul	99
16) Anthracene	17.461	178	18839	0.300	ng/ul	99
19) Fluoranthene	19.378	202	25412	0.320	ng/ul	100
20) Pyrene	19.740	202	25910	0.313	ng/ul	98
21) Benzo(a)anthracene	21.479	228	21899	0.303	ng/ul	99
22) Chrysene	21.532	228	25039	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	23727	0.331	ng/ul	94
25) Benzo(k)fluoranthene	23.210	252	22625	0.324	ng/ul	94
26) Benzo(a)pyrene	23.789	252	20702	0.356	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.390	276	23975	0.291	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.413	278	19748	0.297	ng/ul#	91
29) Benzo(g,h,i)perylene	27.155	276	21410	0.295	ng/ul	99

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

Quantitation Report (QT Reviewed)

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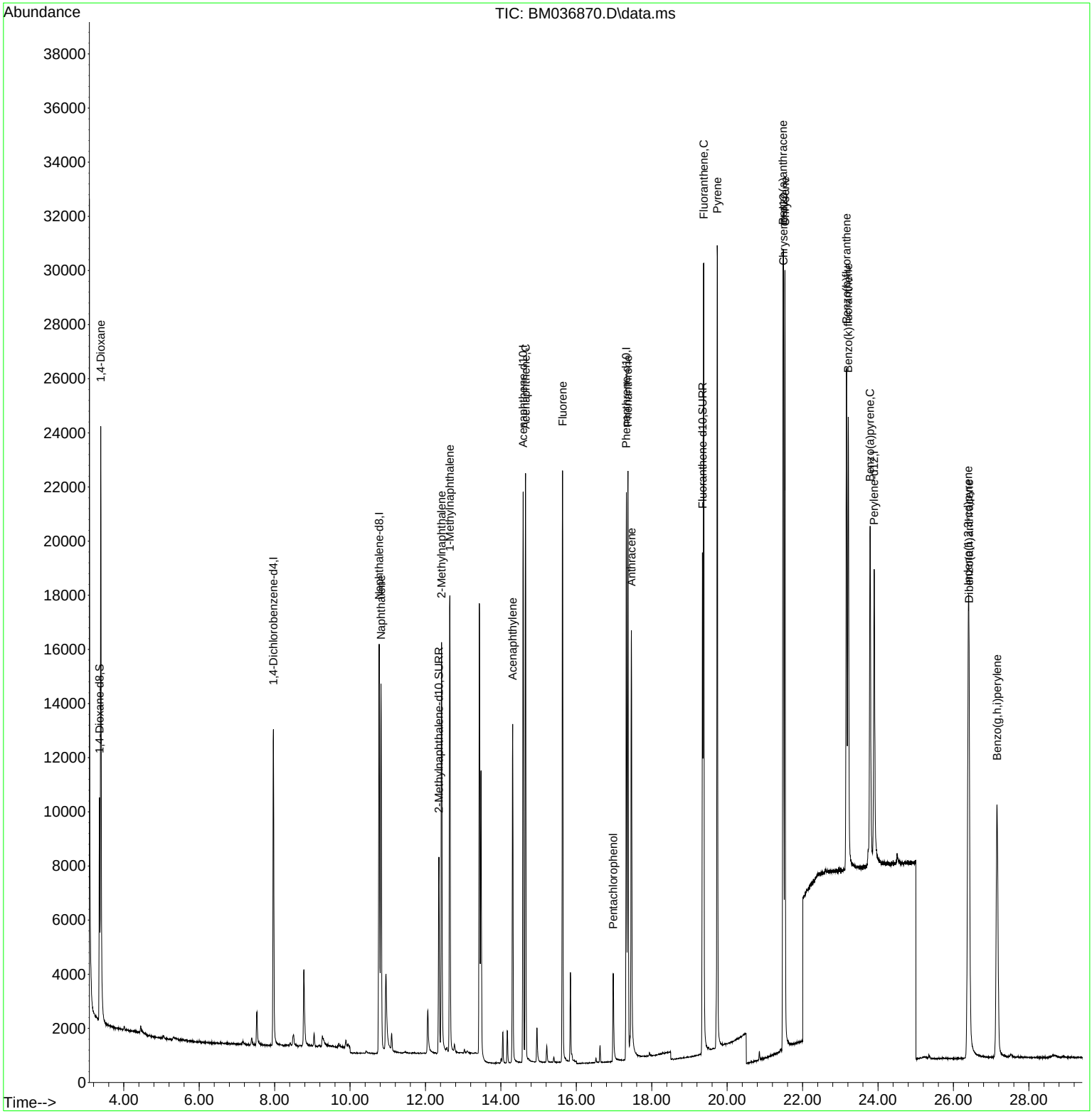
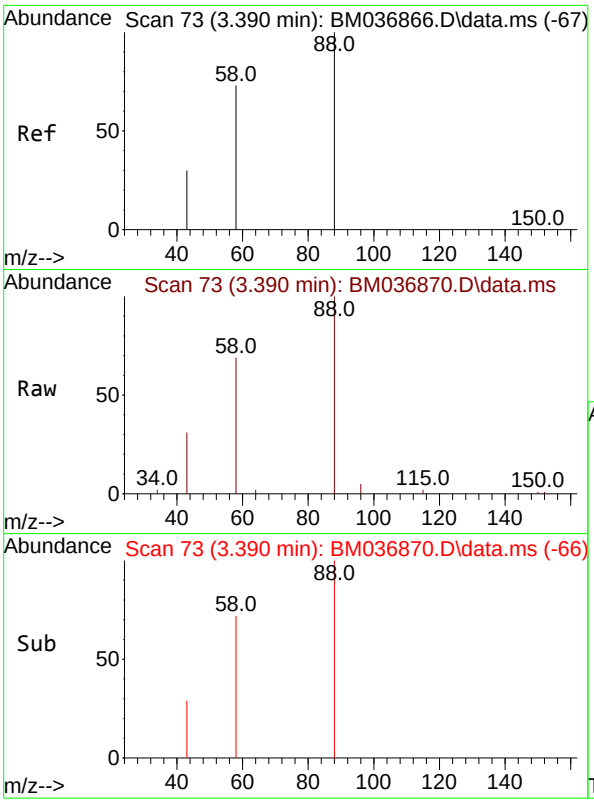
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration



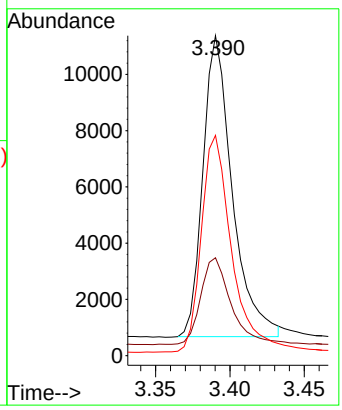


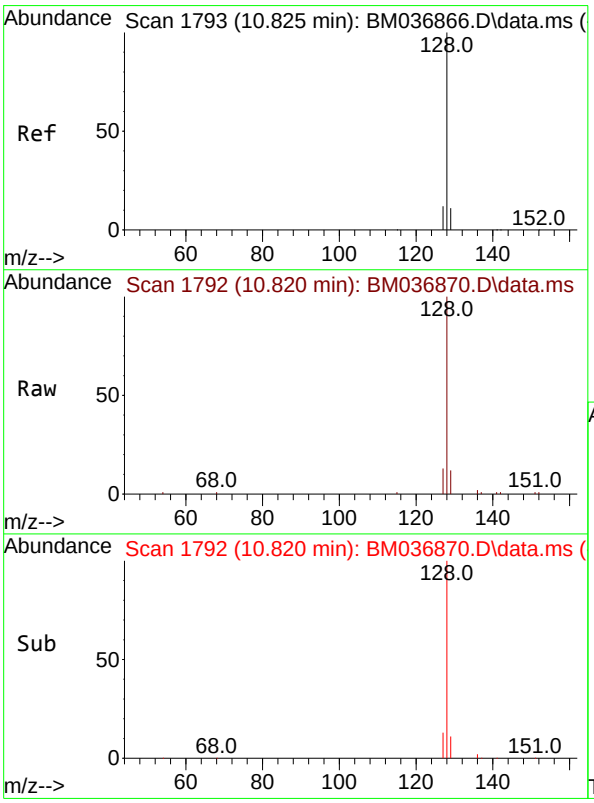
#2
1,4-Dioxane
Concen: 1.651 ng/ul
RT: 3.390 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion: 88 Resp: 14666

Ion	Ratio	Lower	Upper
88	100		
43	30.6	37.8	56.6#
58	68.8	42.6	63.8#

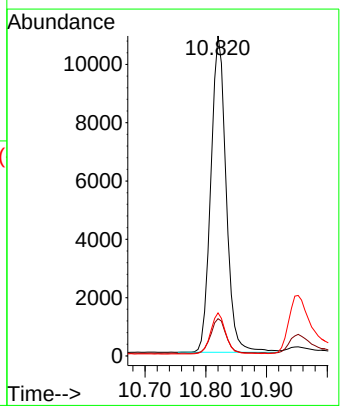


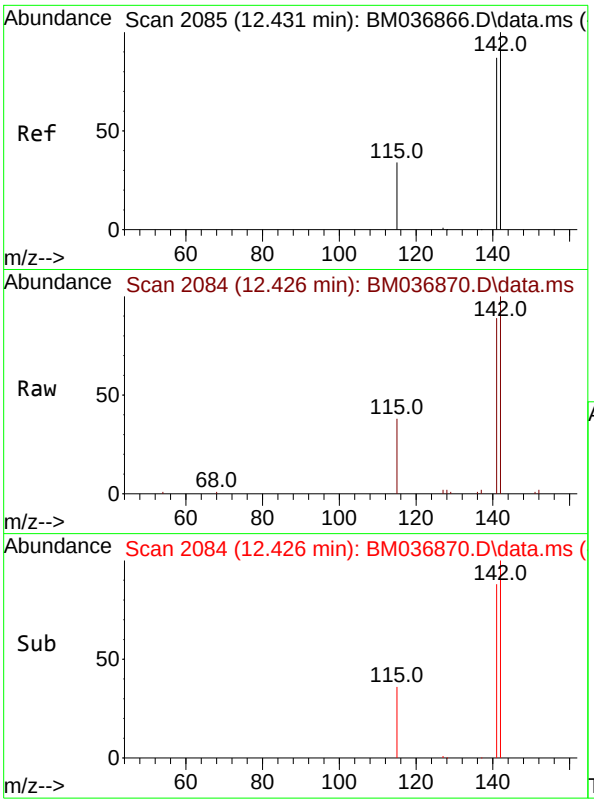


#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:128 Resp: 18963

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.2	15.2
127	13.4	11.7	17.5



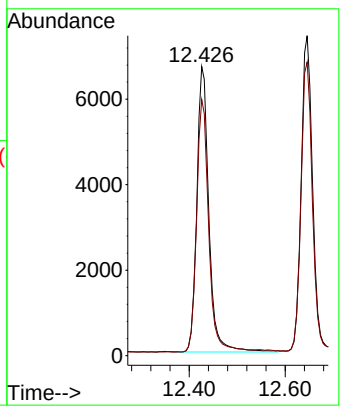


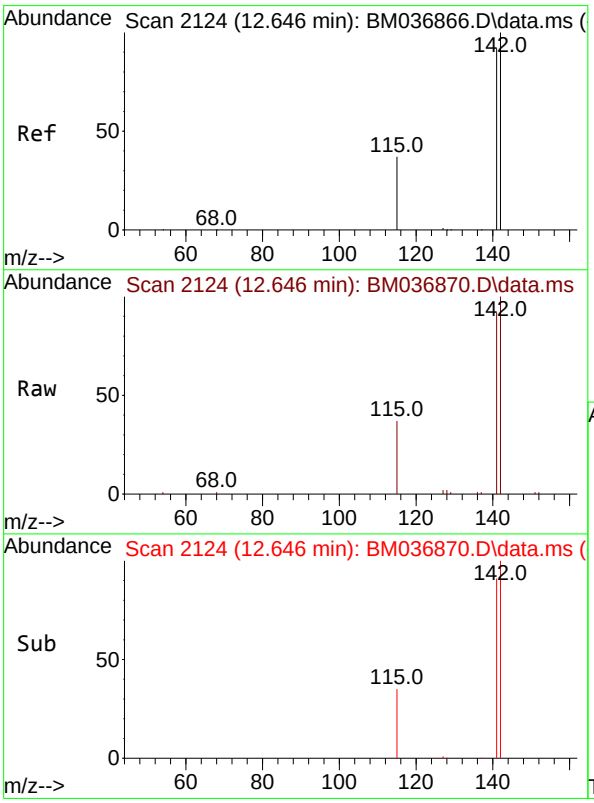
#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.426 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:142 Resp: 11660

Ion	Ratio	Lower	Upper
142	100		
141	89.8	77.4	116.0

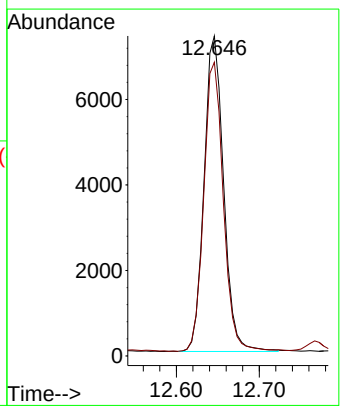


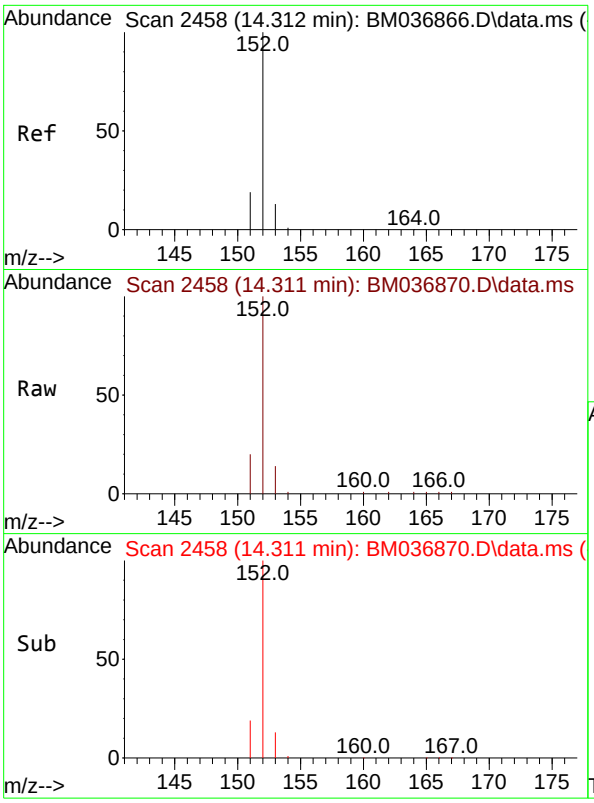


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:142 Resp: 12100

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1



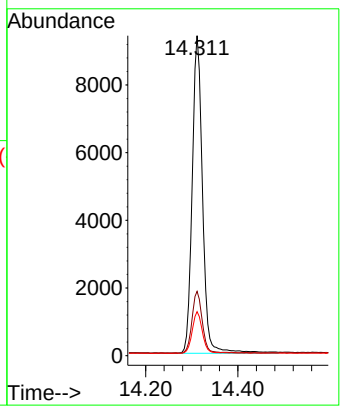


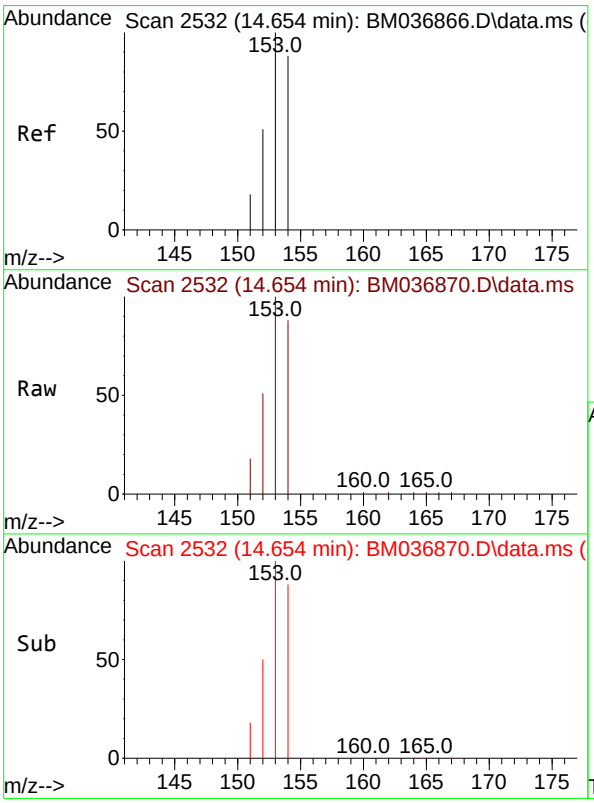
#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.311 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:152 Resp: 14624

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	24.8
153	13.7	11.4	17.0

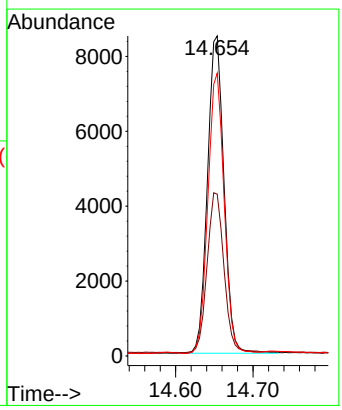


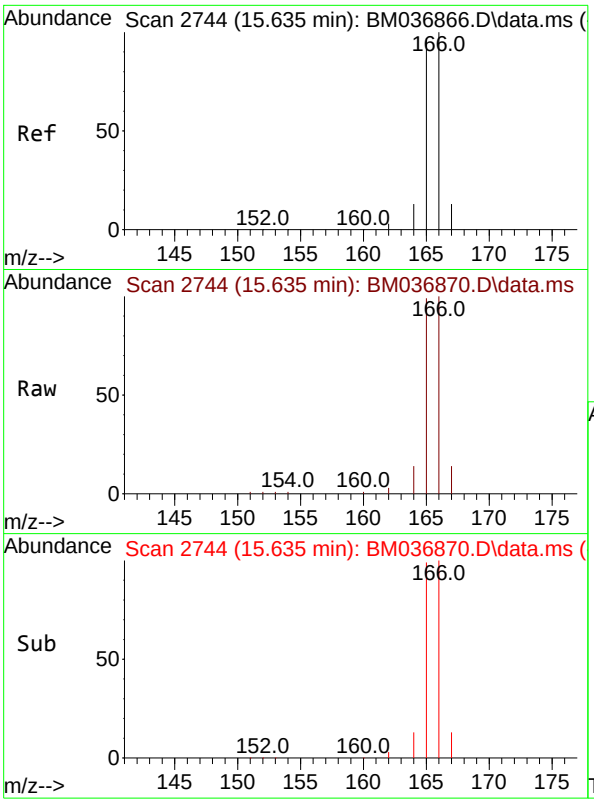


#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:153 Resp: 12554

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.2	60.4
154	88.4	69.7	104.5



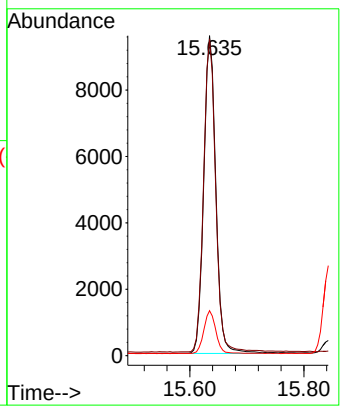


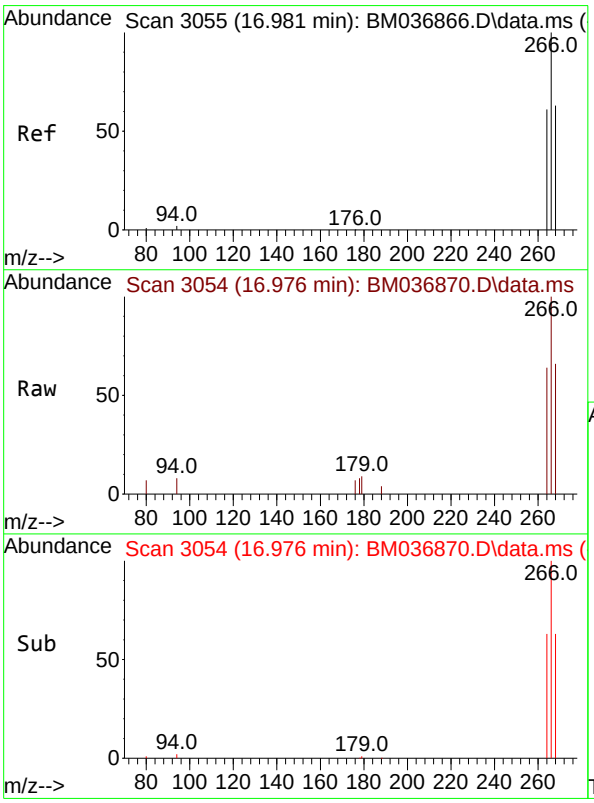
#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.635 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:166 Resp: 14056

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.9	118.3
167	14.0	11.3	16.9

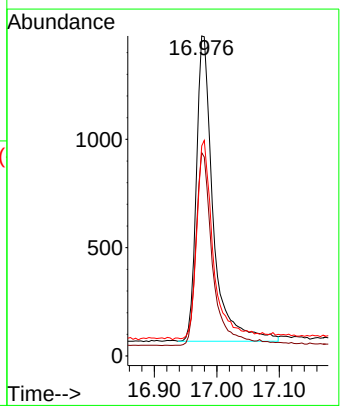


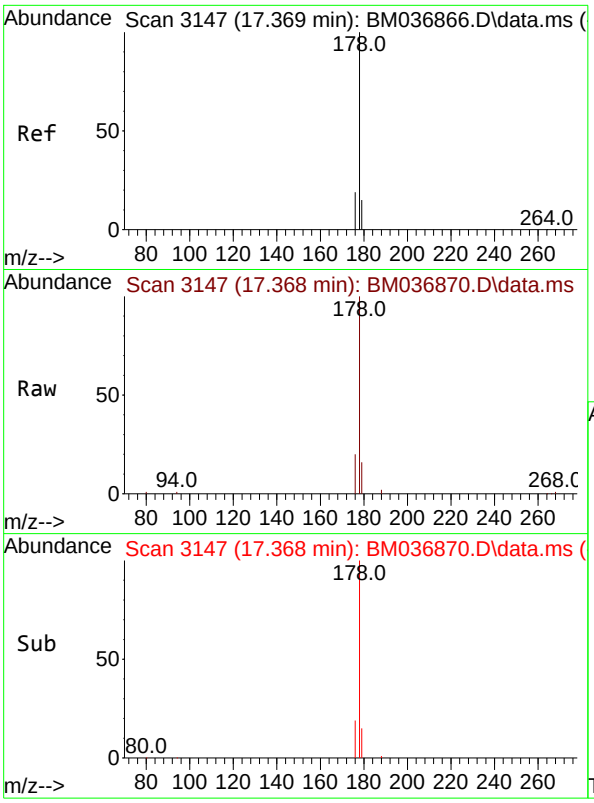


#14
Pentachlorophenol
Concen: 0.461 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.013 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:266 Resp: 2630

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.3	75.5
268	66.4	53.5	80.3



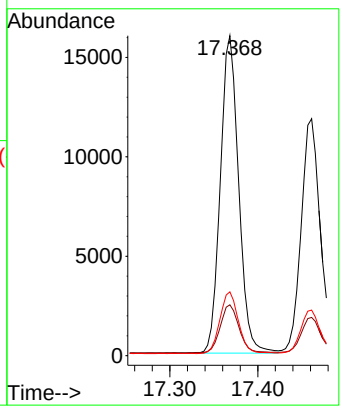


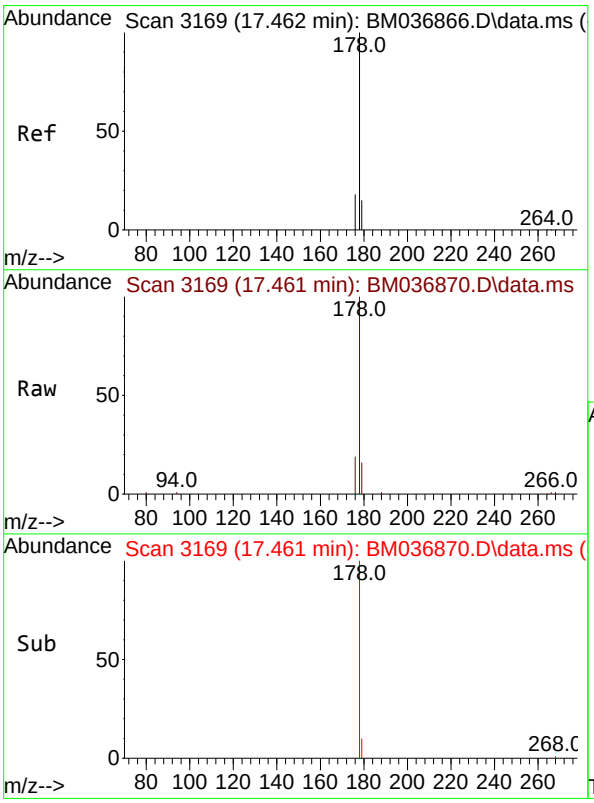
#15
Phenanthrene
Concen: 0.308 ng/ul
RT: 17.368 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:178 Resp: 23142

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	20.0	15.6	23.4

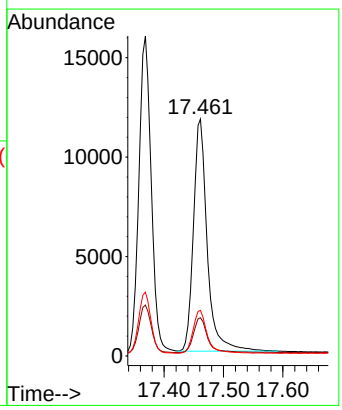


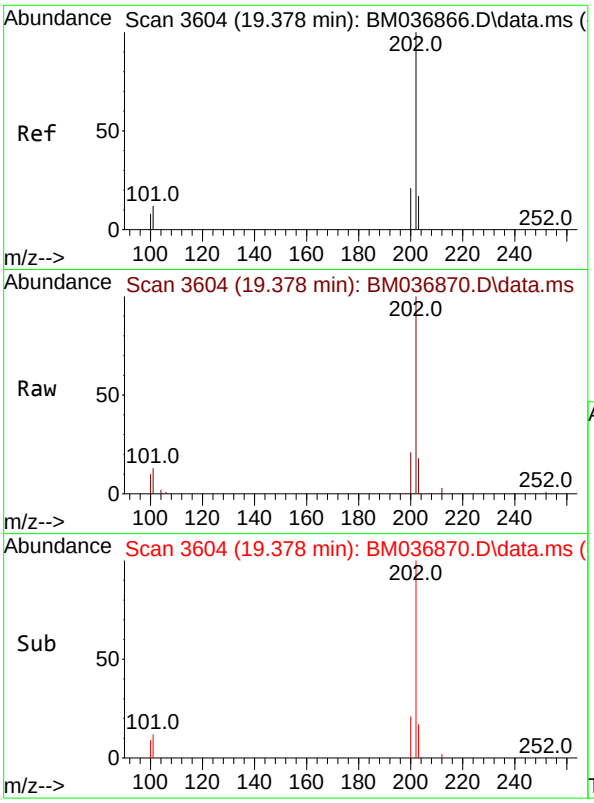


#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:178 Resp: 18839

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	19.3	15.6	23.4



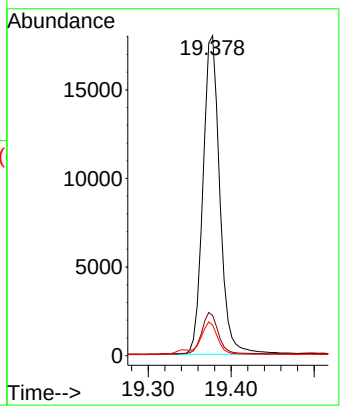


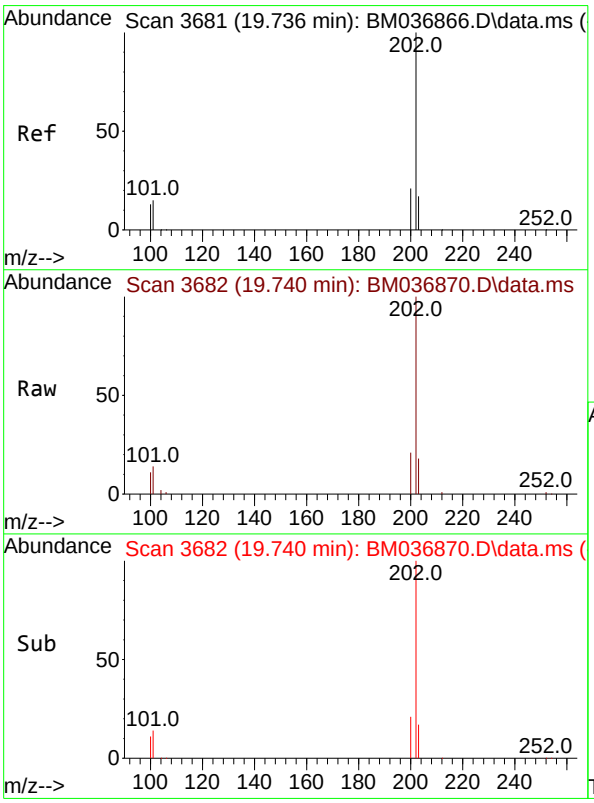
#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.378 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:202 Resp: 25412

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.5	7.9	11.9

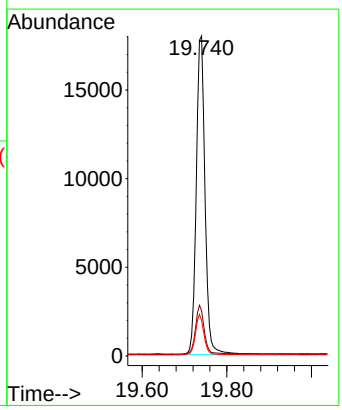


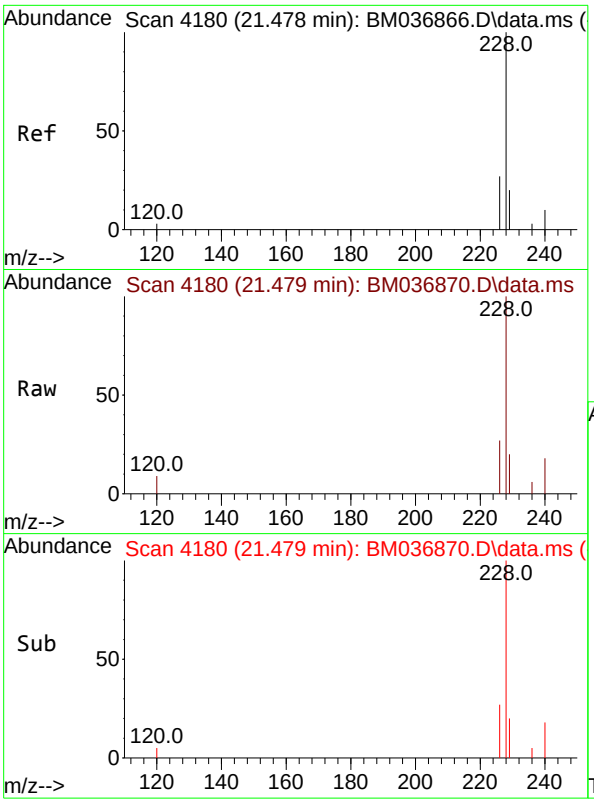


#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:202 Resp: 25910

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.0	18.0
100	11.2	9.8	14.6



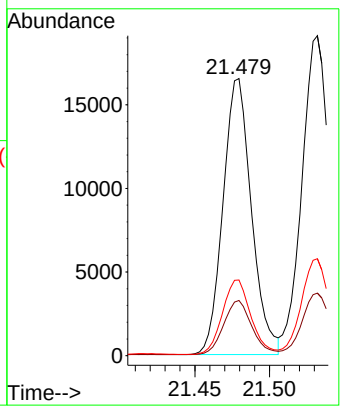


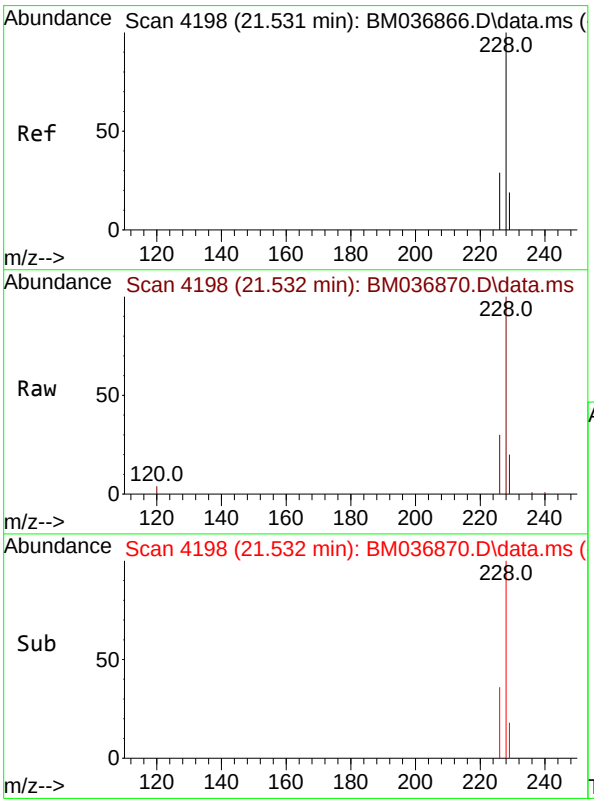
#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.479 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:228 Resp: 21899

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.2
226	27.3	22.5	33.7

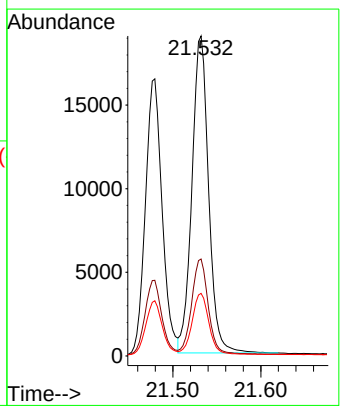


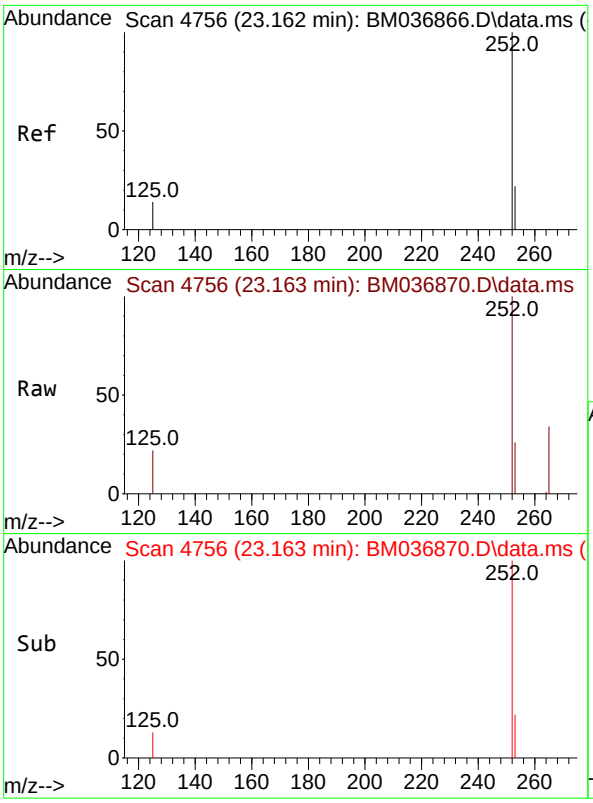


#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:228 Resp: 25039

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.6	16.4	24.6



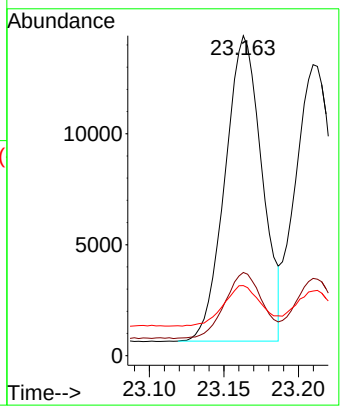


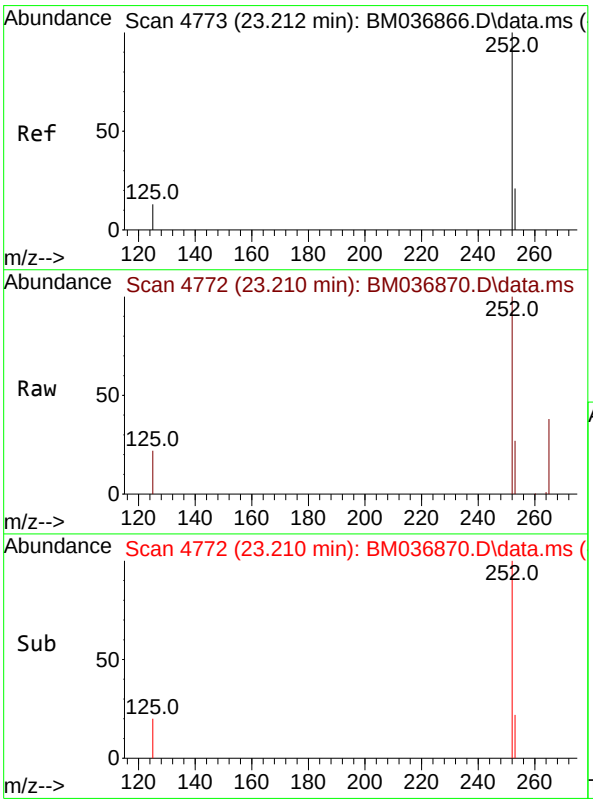
#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.163 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:252 Resp: 23727

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	61.4
125	21.9	0.0	42.6

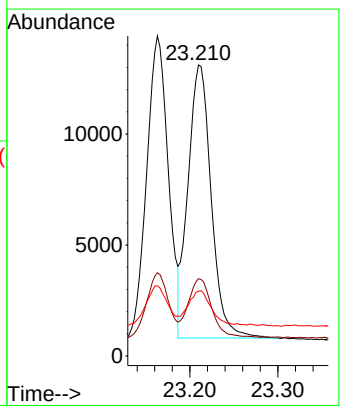


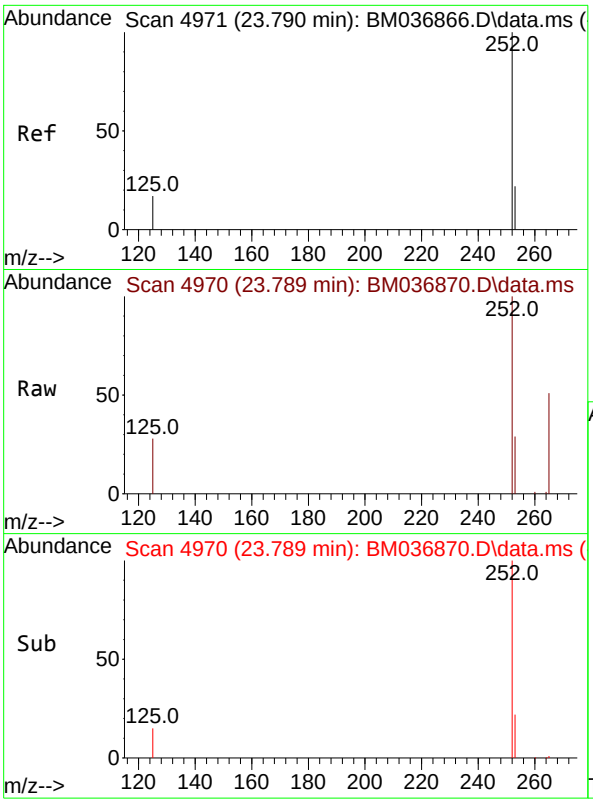


#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.008 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:252 Resp: 22625

Ion	Ratio	Lower	Upper
252	100		
253	26.6	25.2	37.8
125	22.2	18.3	27.5



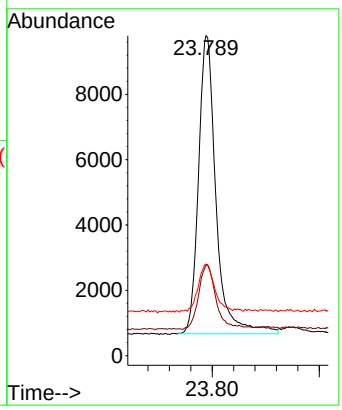


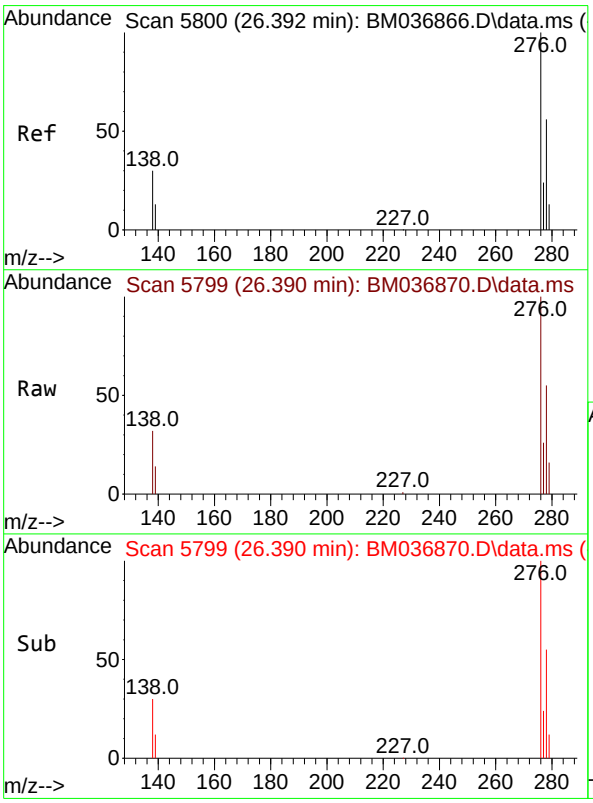
#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.789 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:252 Resp: 20702

Ion	Ratio	Lower	Upper
252	100		
253	28.6	29.7	44.5#
125	28.1	23.6	35.4

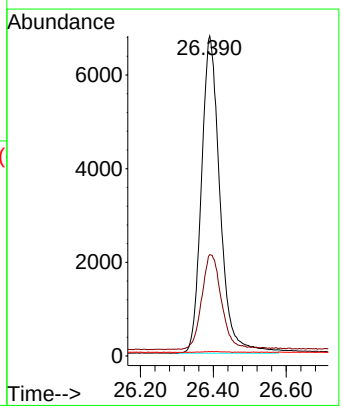


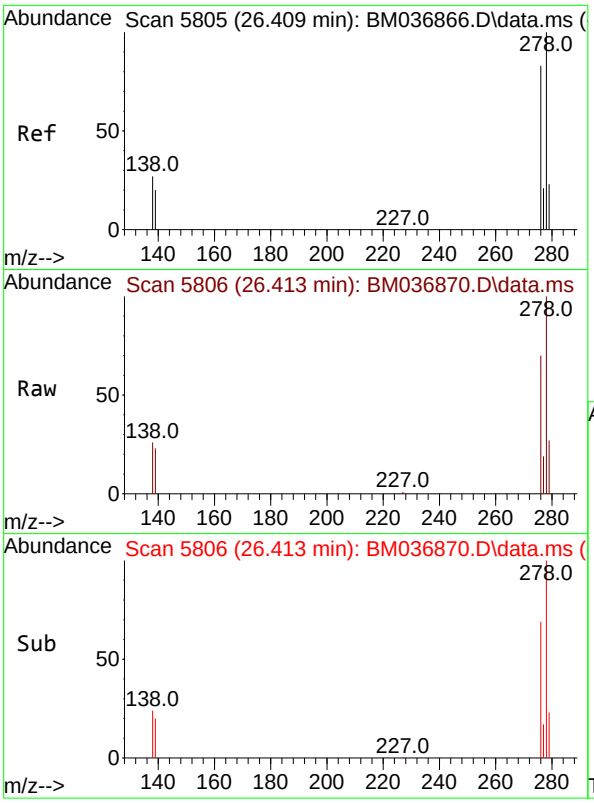


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 26.390 min Scan# 5799
Delta R.T. -0.009 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:276 Resp: 23975

Ion	Ratio	Lower	Upper
276	100		
138	31.9	23.9	35.9
227	0.2	0.1	0.1#



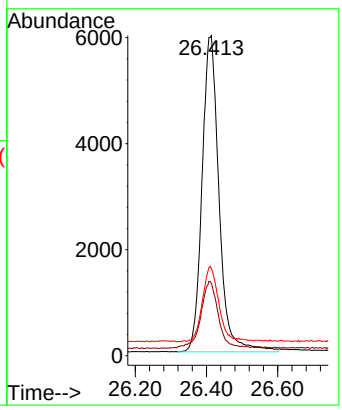


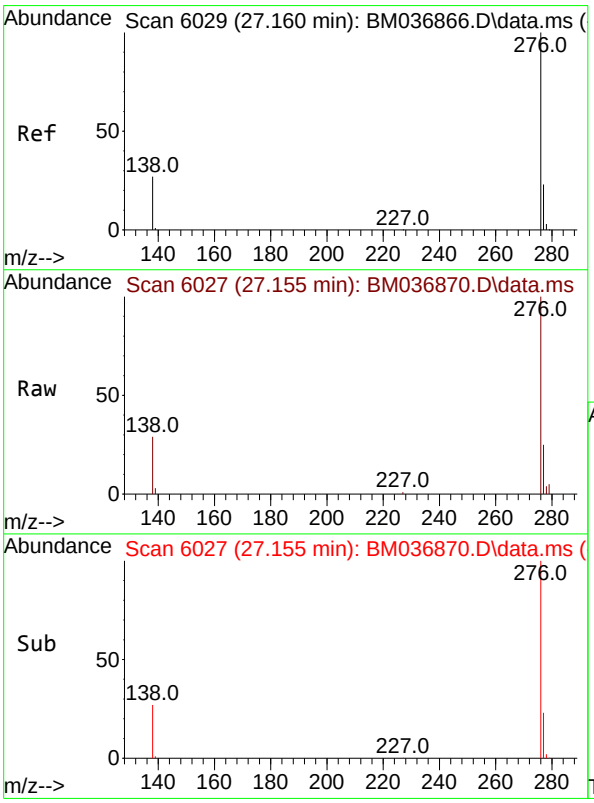
#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.413 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Instrument :
BNA_M
ClientSampleId :
SLCS013

Tgt Ion:278 Resp: 19748

Ion	Ratio	Lower	Upper
278	100		
139	22.7	19.8	29.6
279	27.2	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 27.155 min Scan# 6027
Delta R.T. -0.009 min
Lab File: BM036870.D
Acq: 07 Oct 2022 23:06

Tgt Ion:276 Resp: 21410

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.4	35.0
277	25.1	21.0	31.4