Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036872.D
Acq On : 08 Oct 2022 00:17
Operator : CG/JU
Sample : PB148014BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS014

Quant Time: Oct 08 02:24:05 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	6534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	22135	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.590	164	11736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	24467	0.400	ng/ul	0.00
17) Chrysene-d12	21.493	240	20565	0.400	ng/ul	0.00
23) Perylene-d12	23.896	264	15952	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5201	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10205	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	19502	0.317	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	14177	1.574	ng/ul#	77
5) Naphthalene	10.820	128	18756	0.296	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	11491	0.297	ng/ul	93
8) 1-Methylnaphthalene	12.646	142	11989	0.305	ng/ul	99
10) Acenaphthylene	14.312	152	14334	0.294	ng/ul	99
11) Acenaphthene	14.650	153	12369	0.292	ng/ul	99
12) Fluorene	15.635	166	13942	0.291	ng/ul	99
14) Pentachlorophenol	16.980	266	2465	0.416	ng/ul	99
15) Phenanthrene	17.369	178	22843	0.292	ng/ul	99
16) Anthracene	17.458	178	18393	0.282	ng/ul	99
19) Fluoranthene	19.378	202	24953	0.305	ng/ul	99
20) Pyrene	19.736	202	25439	0.298	ng/ul	99
21) Benzo(a)anthracene	21.478	228	21173	0.285	ng/ul	98
22) Chrysene	21.531	228	24277	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.162	252	22490	0.316	ng/ul	94
25) Benzo(k)fluoranthene	23.209	252	21382	0.308	ng/ul	94
26) Benzo(a)pyrene	23.788	252	19276	0.333	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.389	276	21852	0.267	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.409	278	18081	0.273	ng/ul#	91
29) Benzo(g,h,i)perylene	27.154	276	19964	0.277	ng/ul	99

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

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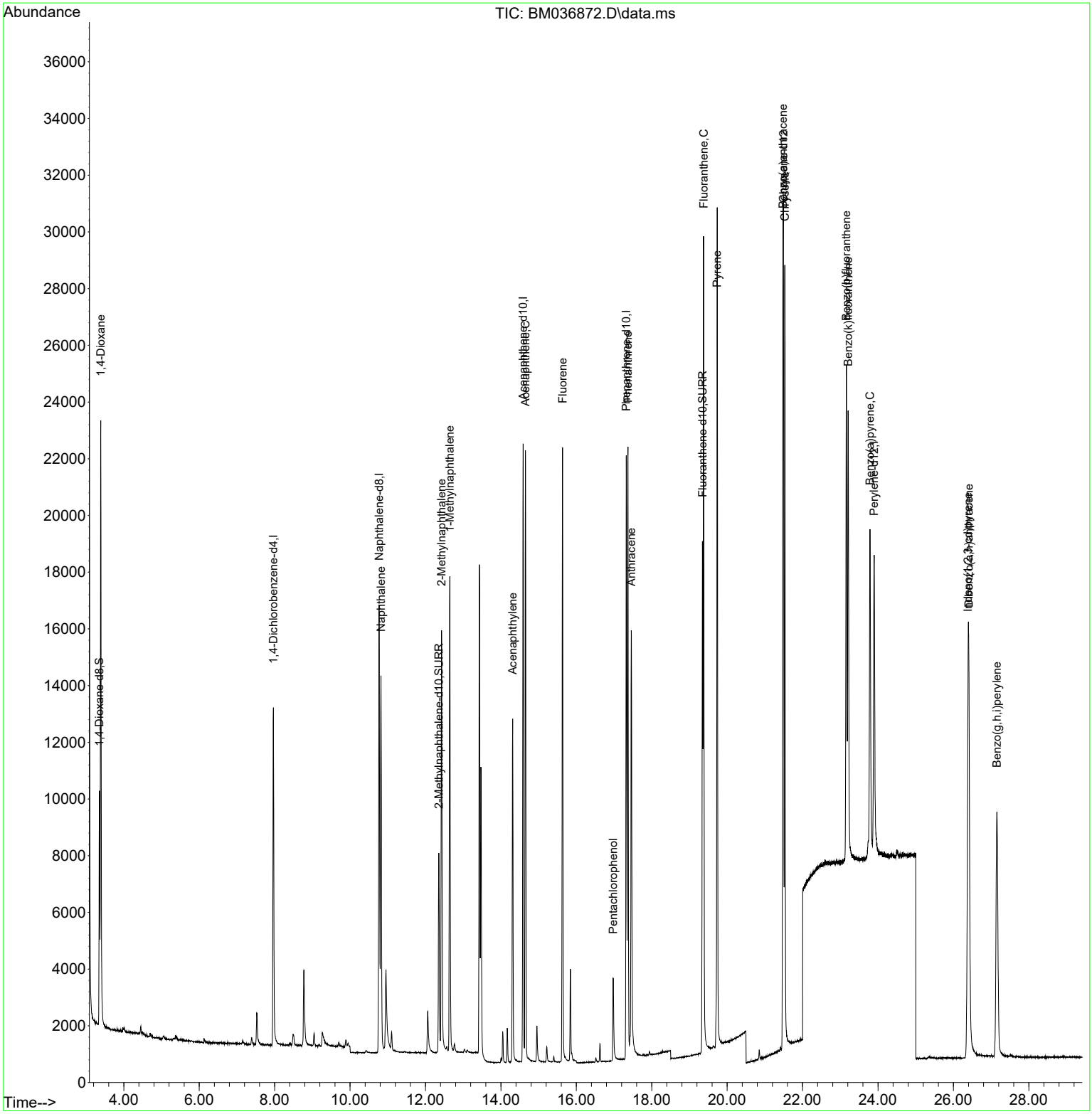
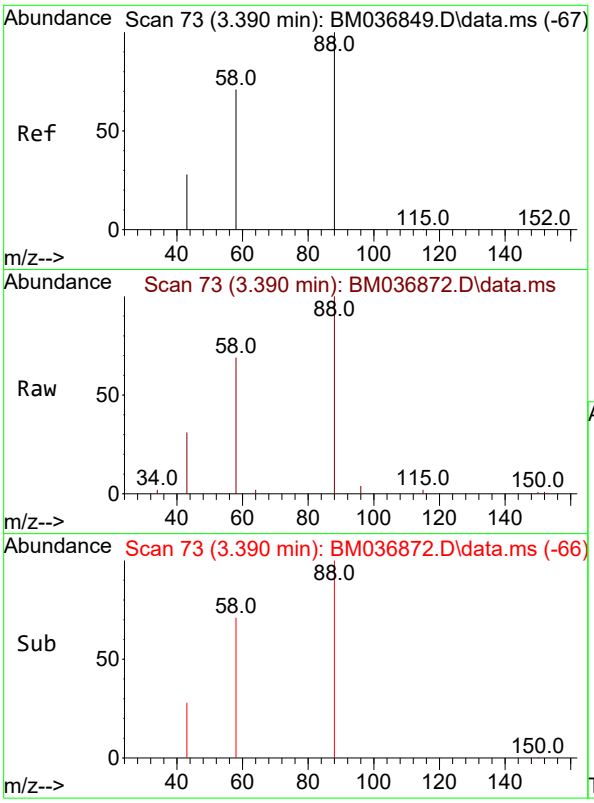


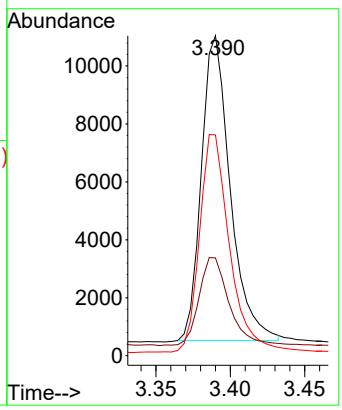


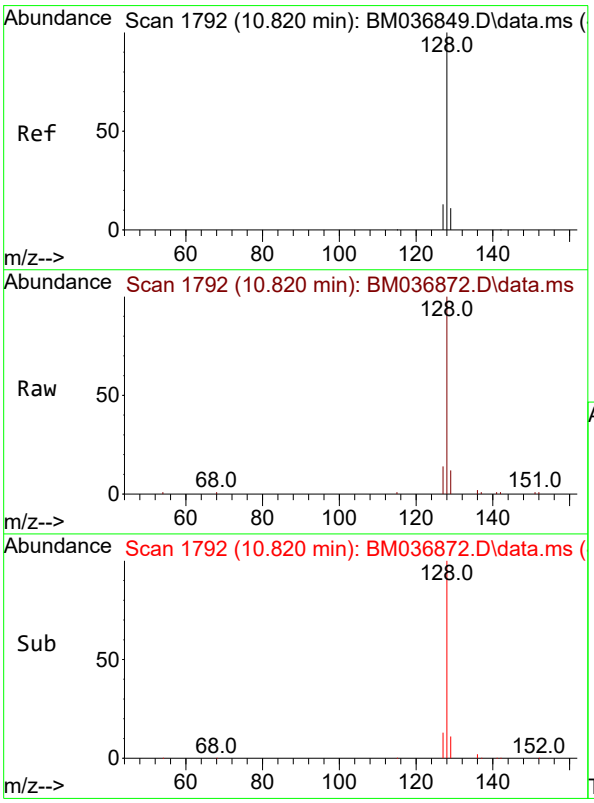
#2
1,4-Dioxane
Concen: 1.574 ng/ul
RT: 3.390 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion: 88 Resp: 14177

Ion	Ratio	Lower	Upper
88	100		
43	30.5	37.8	56.6#
58	69.0	42.6	63.8#

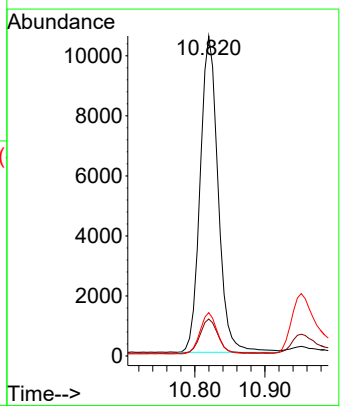


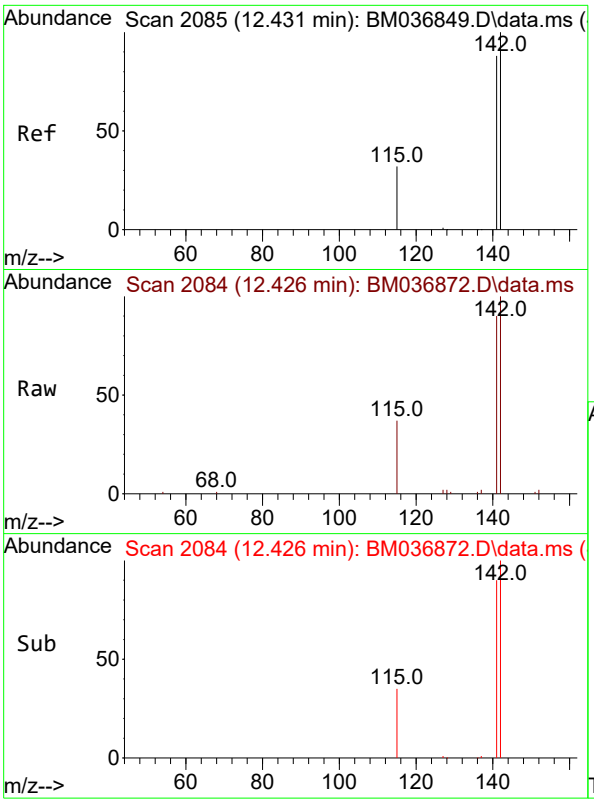


#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:128 Resp: 18756

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.6	11.7	17.5



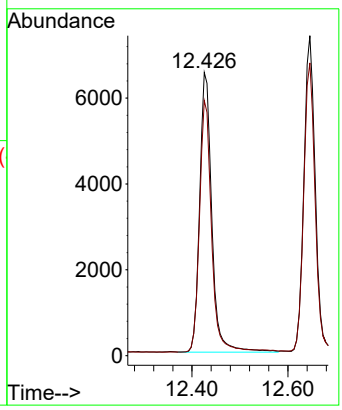


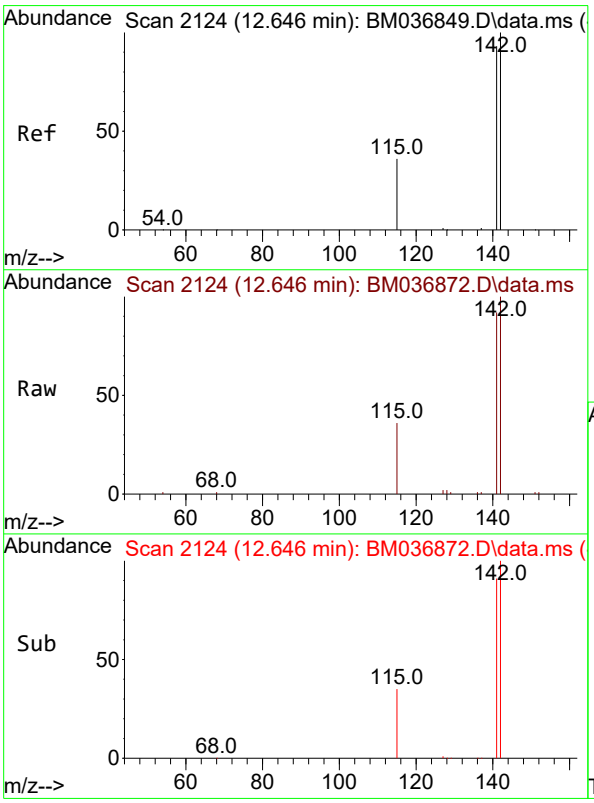
#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.426 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:142 Resp: 11491

Ion	Ratio	Lower	Upper
142	100		
141	89.8	77.4	116.0

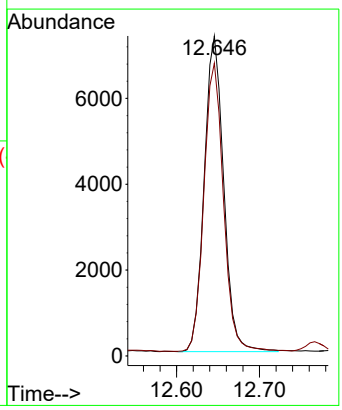


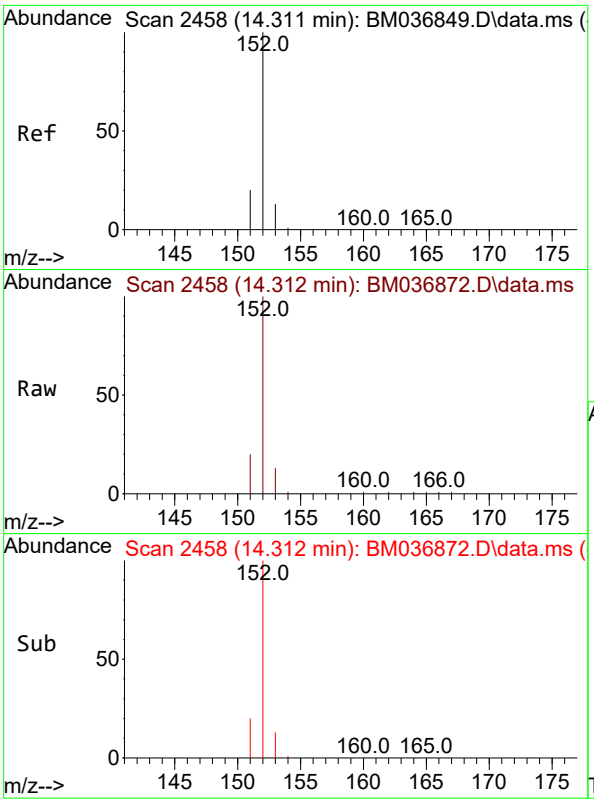


#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:142 Resp: 11989

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1



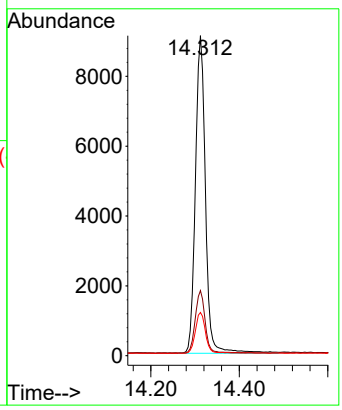


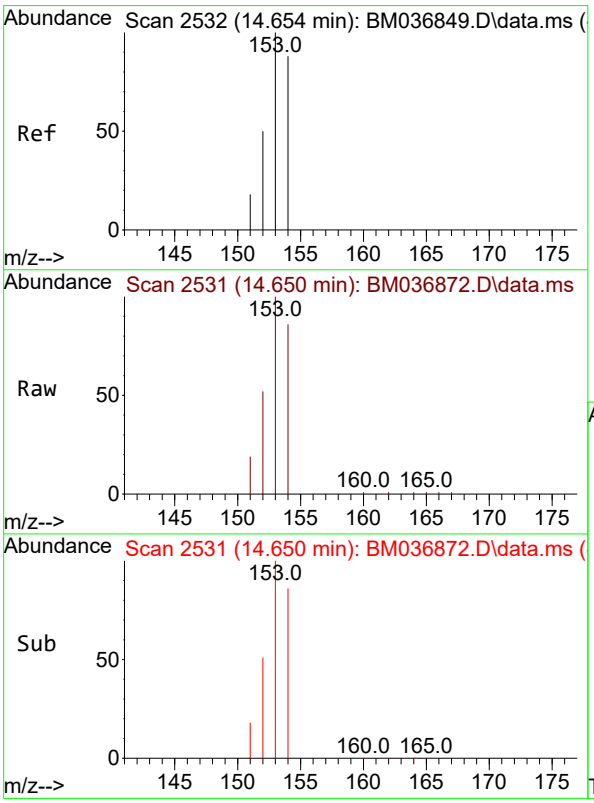
#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.312 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:152 Resp: 14334

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.5	11.4	17.0

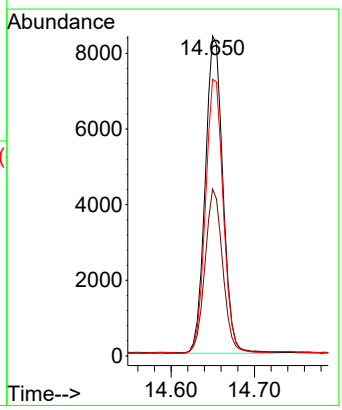


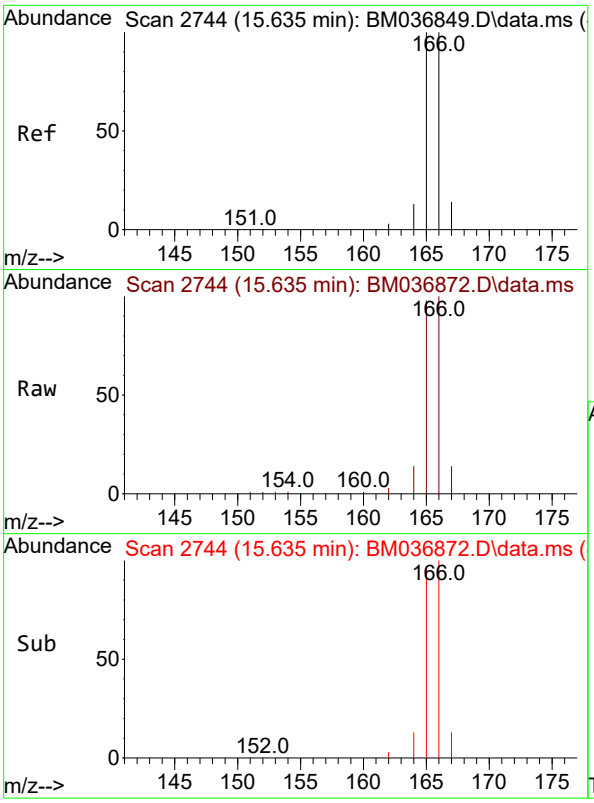


#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.650 min Scan# 2531
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:153 Resp: 12369

Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.2	60.4
154	86.5	69.7	104.5



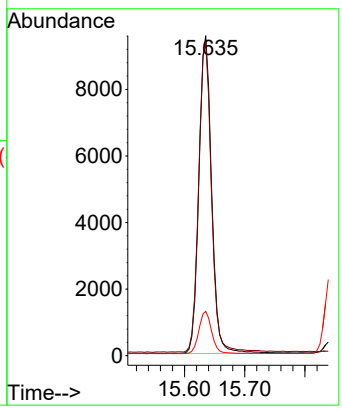


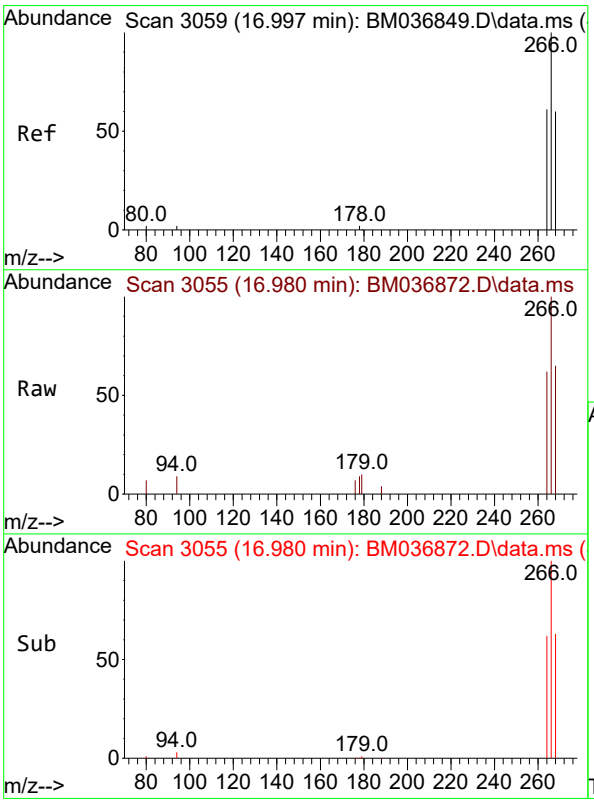
#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:166 Resp: 13942

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.9	118.3
167	13.8	11.3	16.9

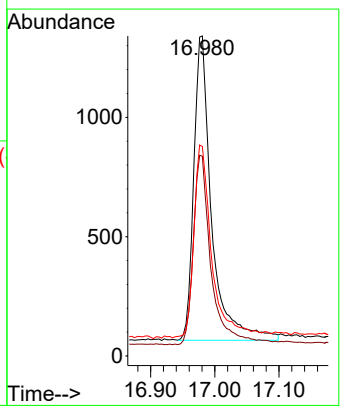


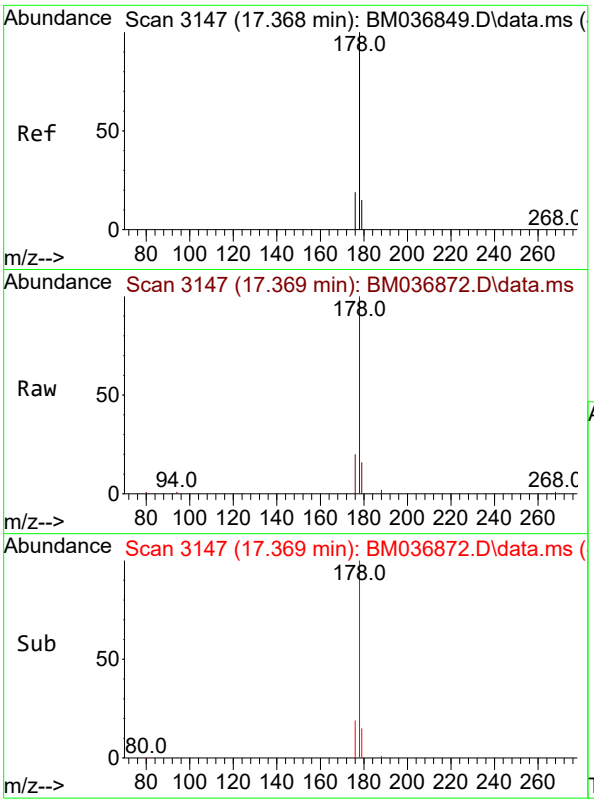


#14
Pentachlorophenol
Concen: 0.416 ng/ul
RT: 16.980 min Scan# 3055
Delta R.T. -0.009 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:266 Resp: 2465

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.3	75.5
268	65.5	53.5	80.3



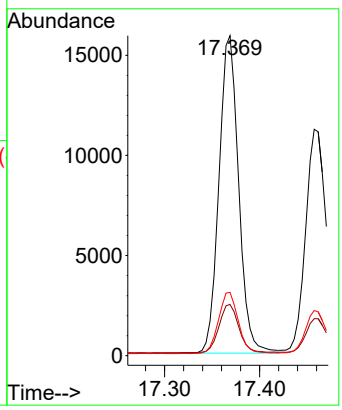


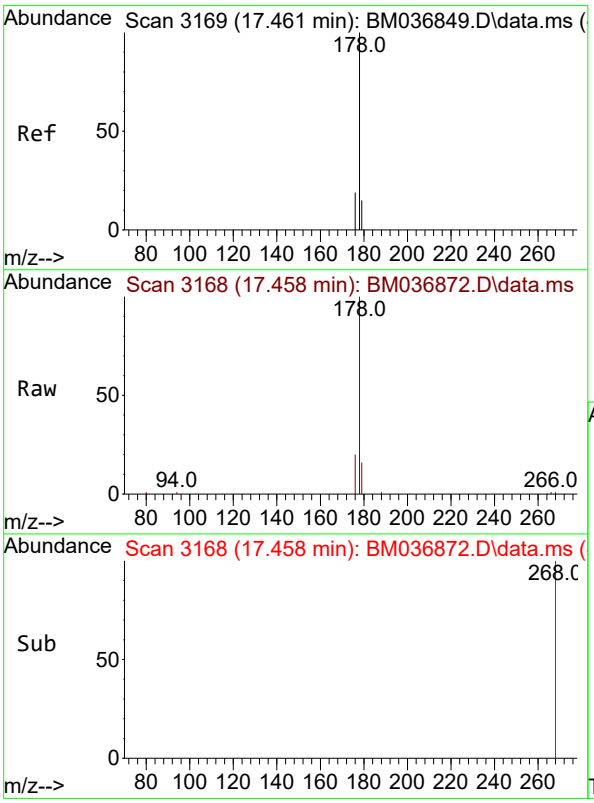
#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.369 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:178 Resp: 22843

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.8	15.6	23.4

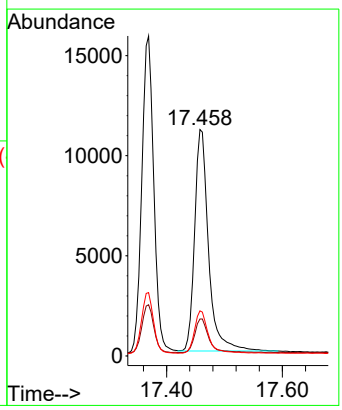


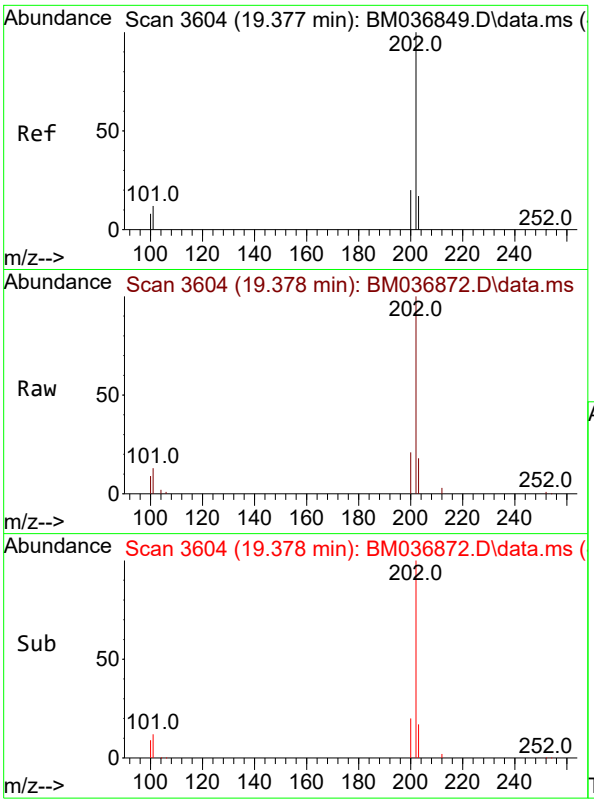


#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.458 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:178 Resp: 18393

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.9	15.6	23.4



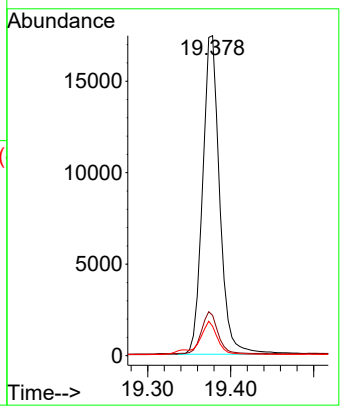


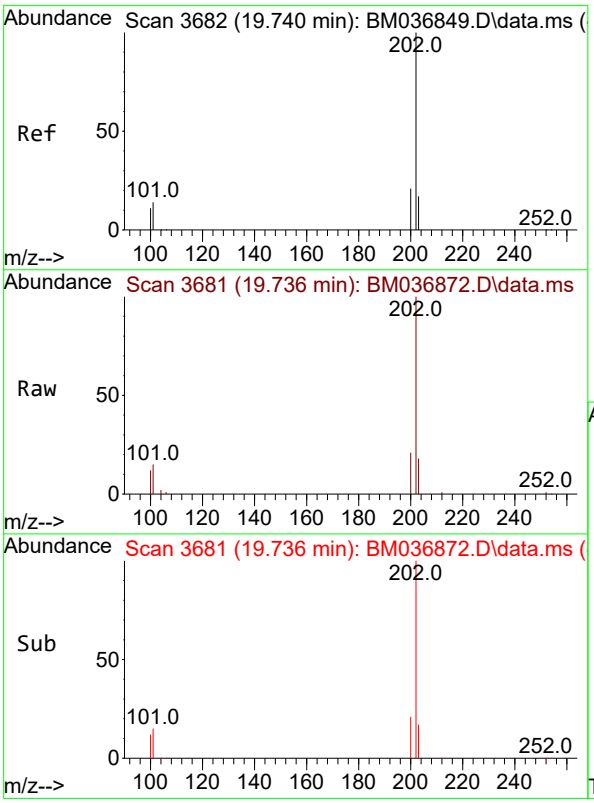
#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 19.378 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:202 Resp: 24953

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.2	7.9	11.9

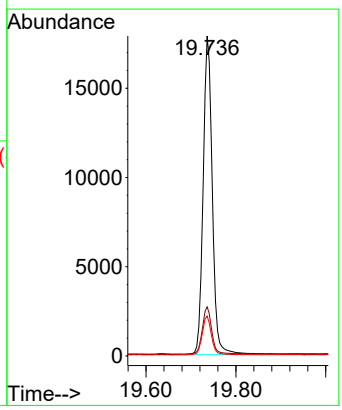


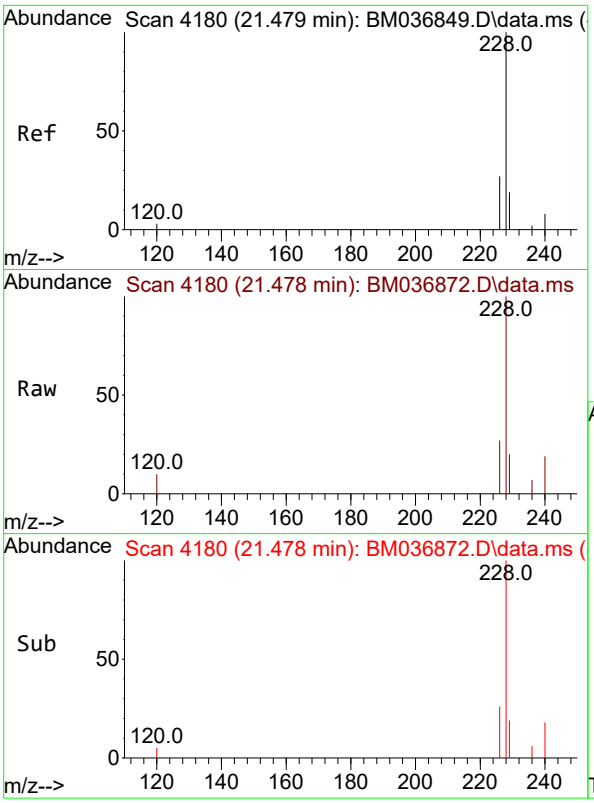


#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.736 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:202 Resp: 25439

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.0	18.0
100	12.4	9.8	14.6



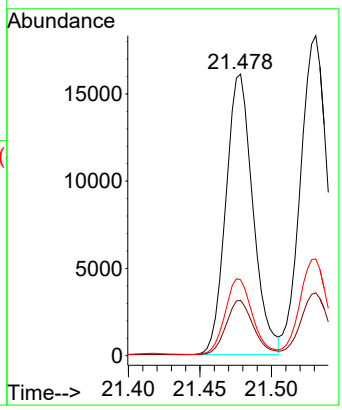


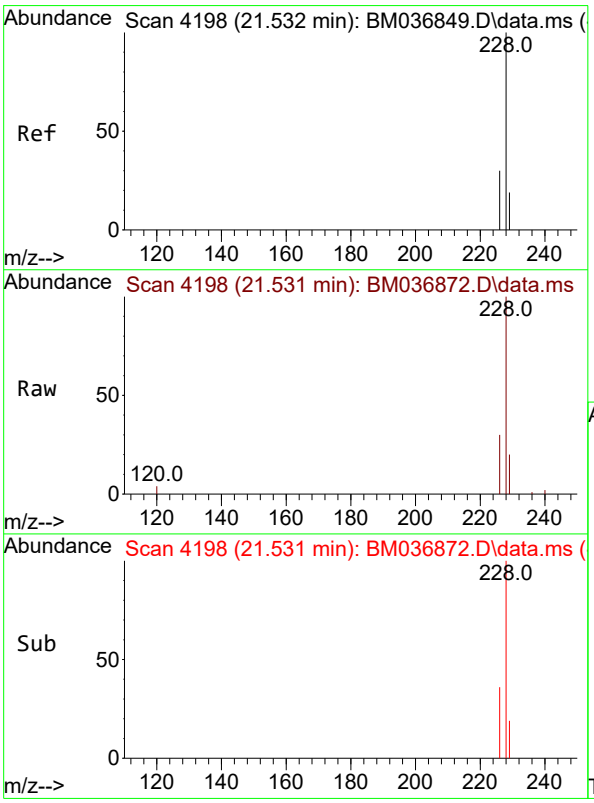
#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.478 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:228 Resp: 21173

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.2	24.2
226	26.9	22.5	33.7

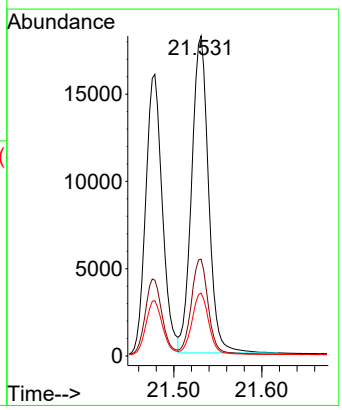


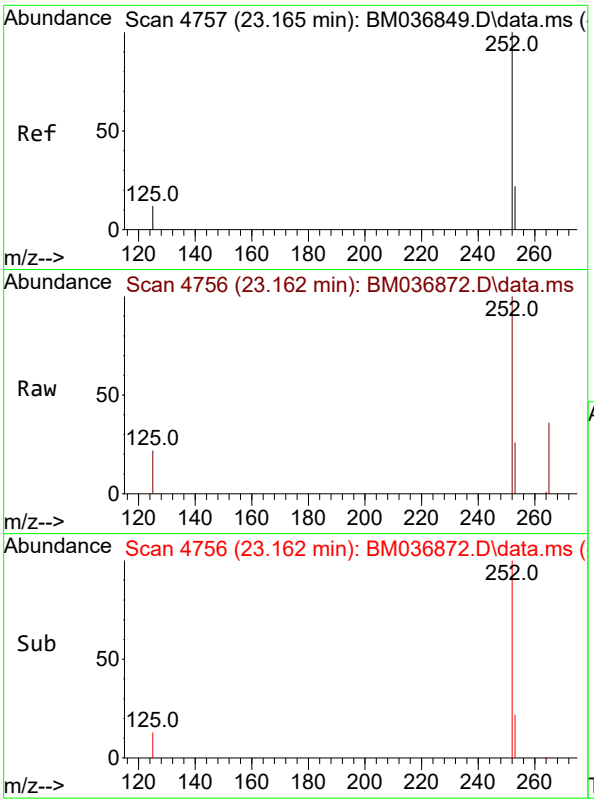


#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:228 Resp: 24277

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.7	16.4	24.6



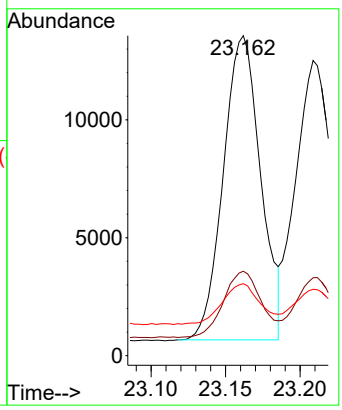


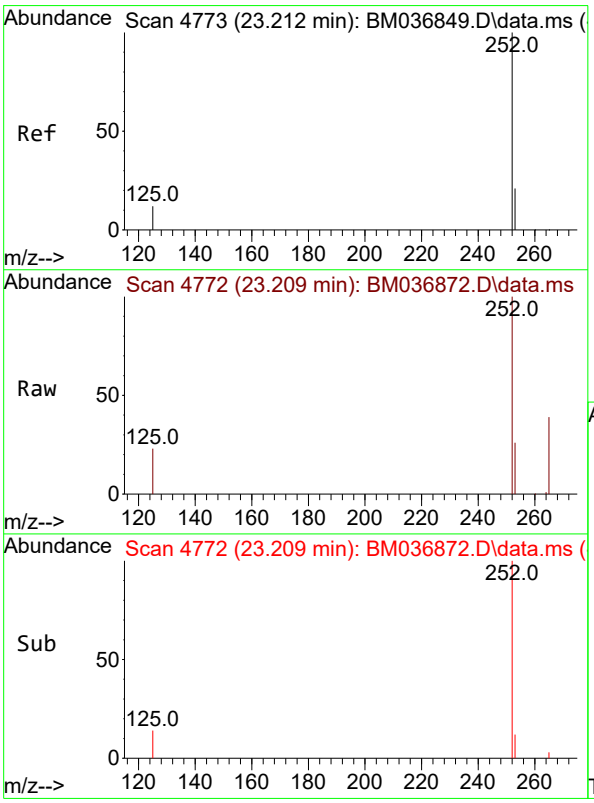
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.162 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:252 Resp: 22490

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	61.4
125	22.5	0.0	42.6

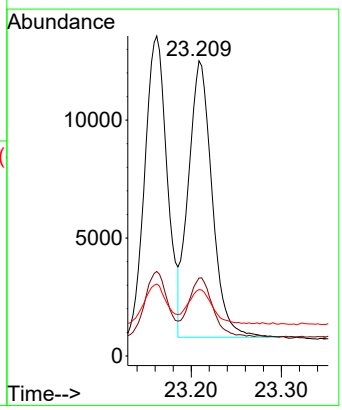


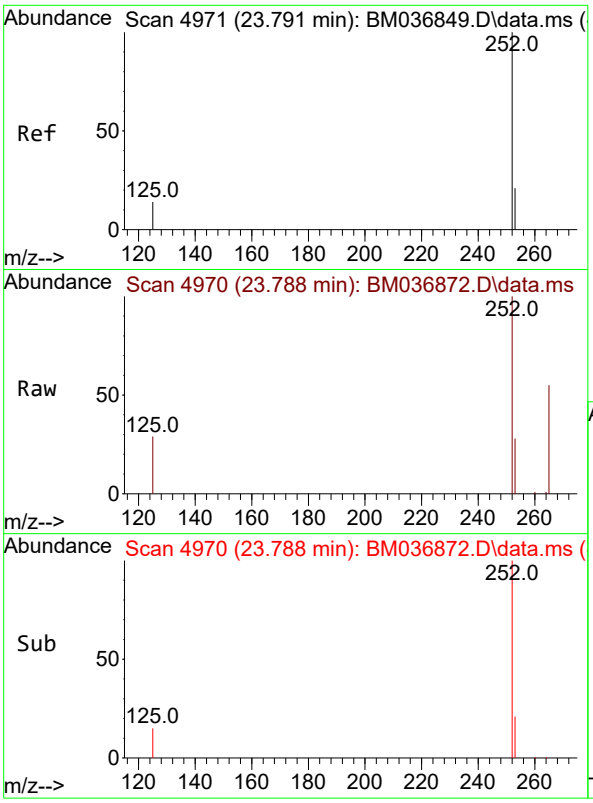


#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.009 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:252 Resp: 21382

Ion	Ratio	Lower	Upper
252	100		
253	26.4	25.2	37.8
125	22.5	18.3	27.5



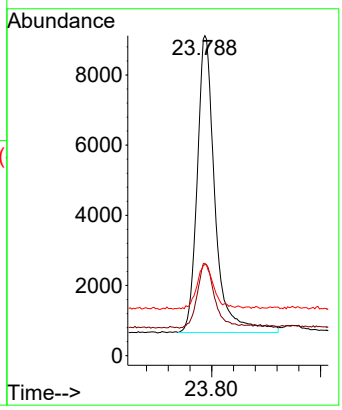


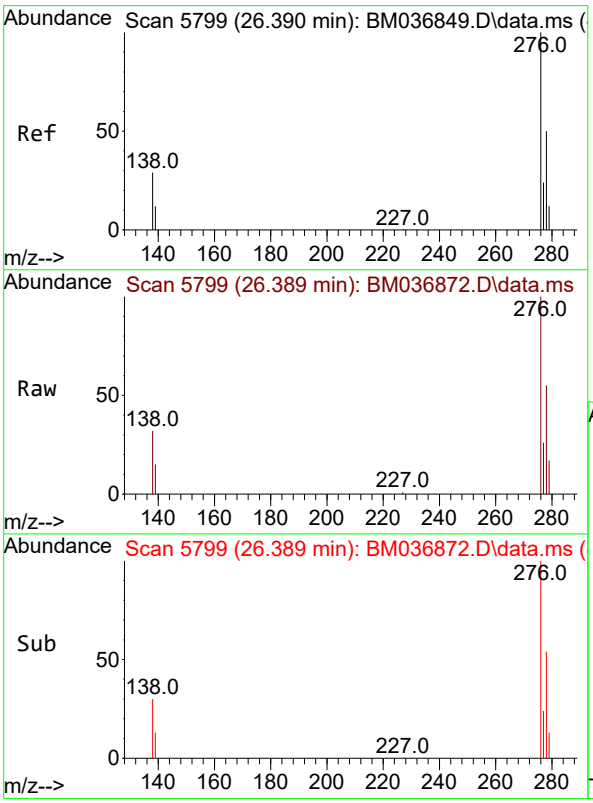
#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.788 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:252 Resp: 19276

Ion	Ratio	Lower	Upper
252	100		
253	28.5	29.7	44.5#
125	28.8	23.6	35.4

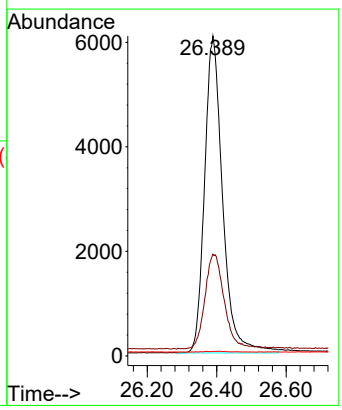


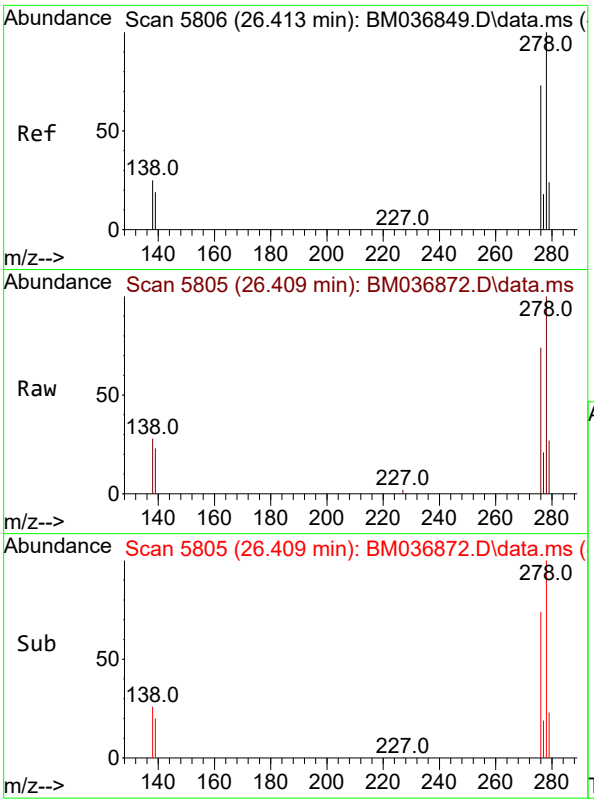


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:276 Resp: 21852

Ion	Ratio	Lower	Upper
276	100		
138	32.3	23.9	35.9
227	0.1	0.1	0.1#



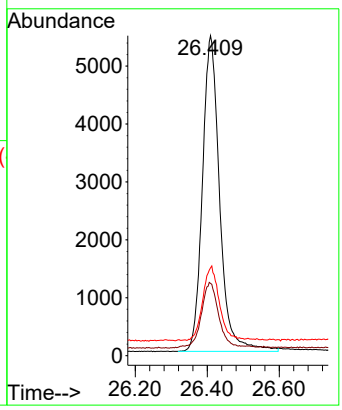


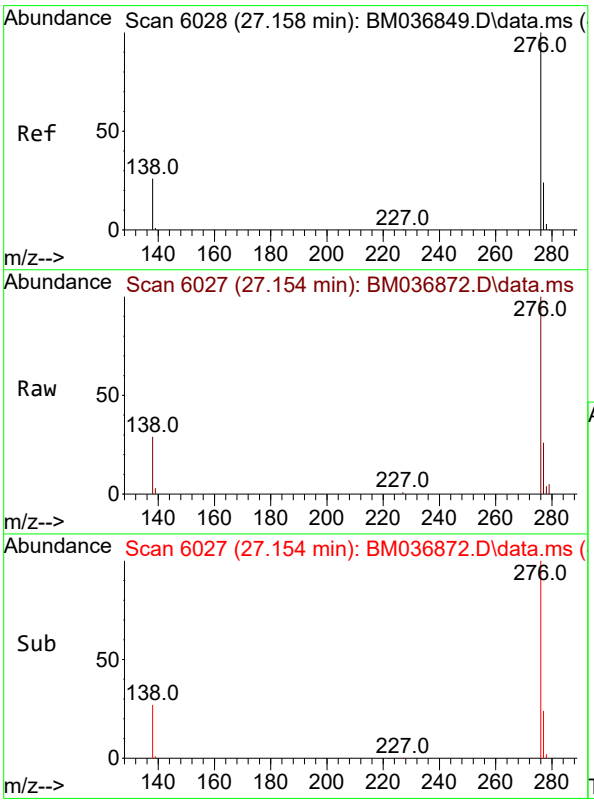
#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.409 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS014

Tgt Ion:278 Resp: 18081

Ion	Ratio	Lower	Upper
278	100		
139	22.6	19.8	29.6
279	27.5	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul
RT: 27.154 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM036872.D
Acq: 08 Oct 2022 00:17

Tgt Ion:276 Resp: 19964

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.4	35.0
277	25.6	21.0	31.4