Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038253.D
Acq On : 24 Dec 2022 03:34
Operator : CG/JU
Sample : PB149780BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS780

Quant Time: Dec 24 04:08:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4486	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.845	136	12765	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.657	164	6634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12286	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	7433	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	8362	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	2481	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	6042	0.322	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	8980	0.322	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	6142	1.372	ng/ul#	91
5) Naphthalene	10.895	128	12047	0.322	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	7607	0.327	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	8064	0.339	ng/ul	99
10) Acenaphthylene	14.379	152	11789	0.322	ng/ul	99
11) Acenaphthene	14.722	153	8543	0.327	ng/ul	100
12) Fluorene	15.702	166	9031	0.319	ng/ul	99
14) Pentachlorophenol	17.054	266	3625	0.592	ng/ul	99
15) Phenanthrene	17.438	178	13046	0.317	ng/ul	99
16) Anthracene	17.531	178	12679	0.321	ng/ul	99
19) Fluoranthene	19.450	202	13534	0.332	ng/ul	100
20) Pyrene	19.812	202	13810	0.336	ng/ul	98
21) Benzo(a)anthracene	21.550	228	11822	0.363	ng/ul	98
22) Chrysene	21.606	228	11436	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.266	252	12014	0.325	ng/ul	95
25) Benzo(k)fluoranthene	23.313	252	11935	0.336	ng/ul	94
26) Benzo(a)pyrene	23.906	252	10644	0.330	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.575	276	14153	0.316	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.585	278	11124	0.320	ng/ul	97
29) Benzo(g,h,i)perylene	27.367	276	11829	0.314	ng/ul	98

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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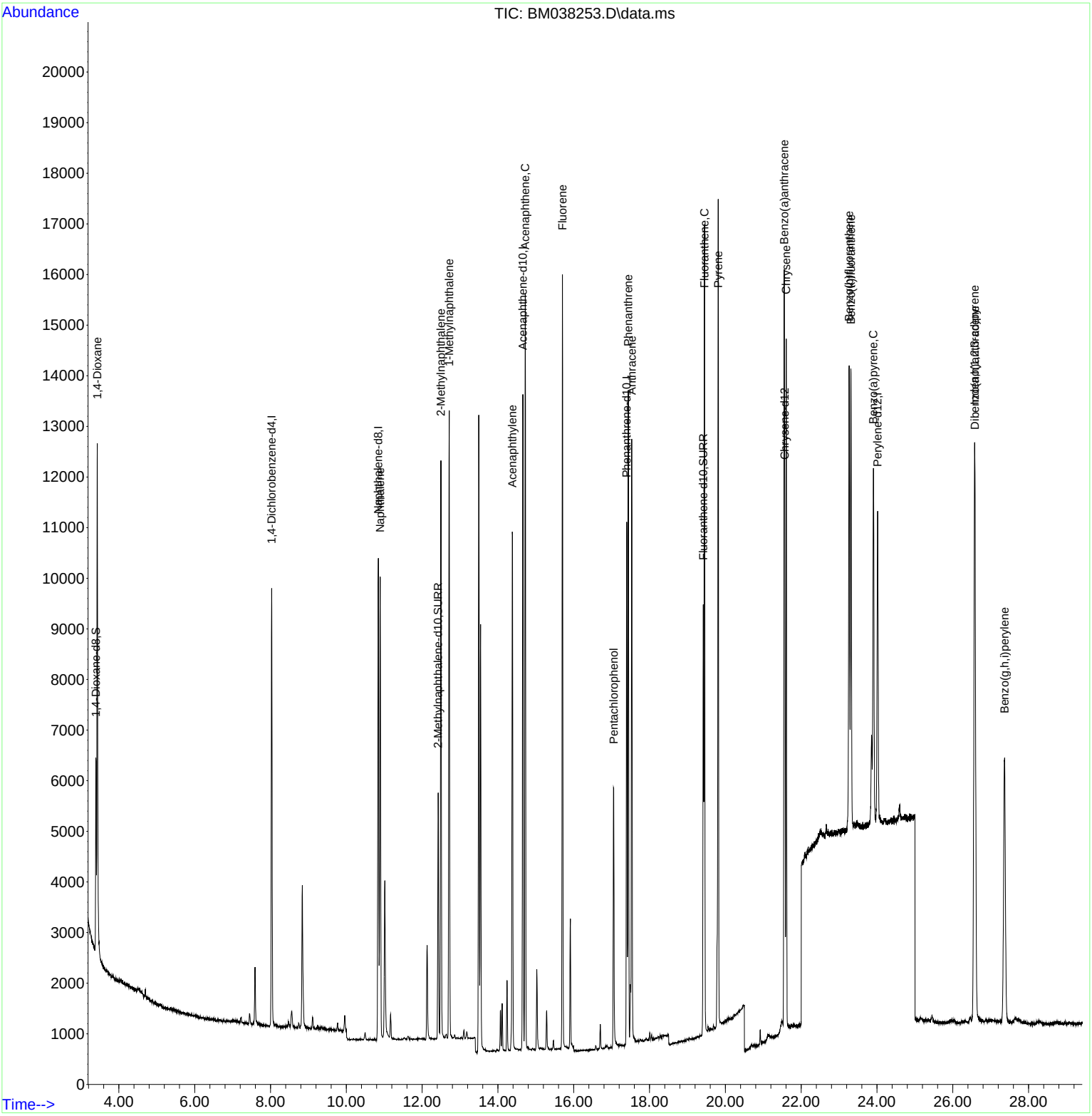
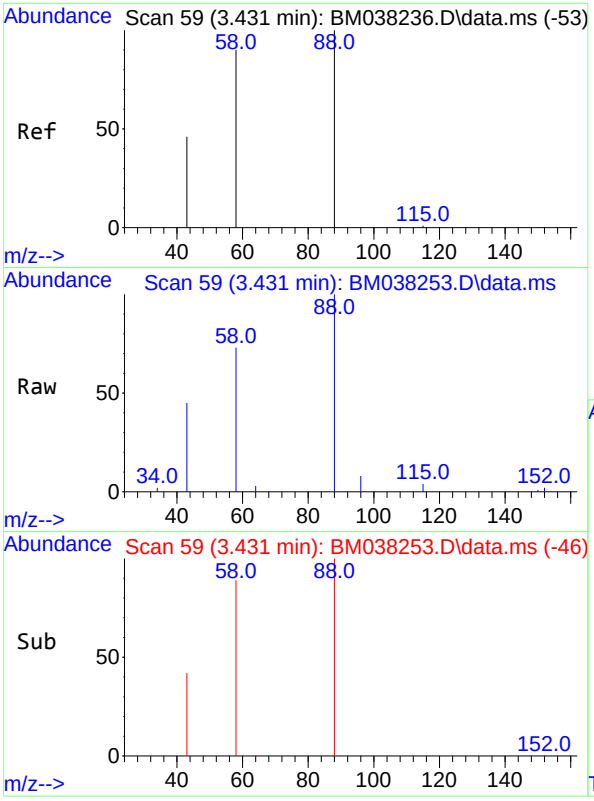


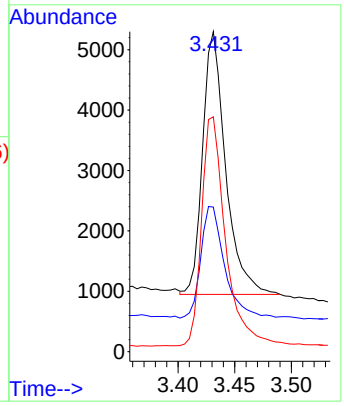


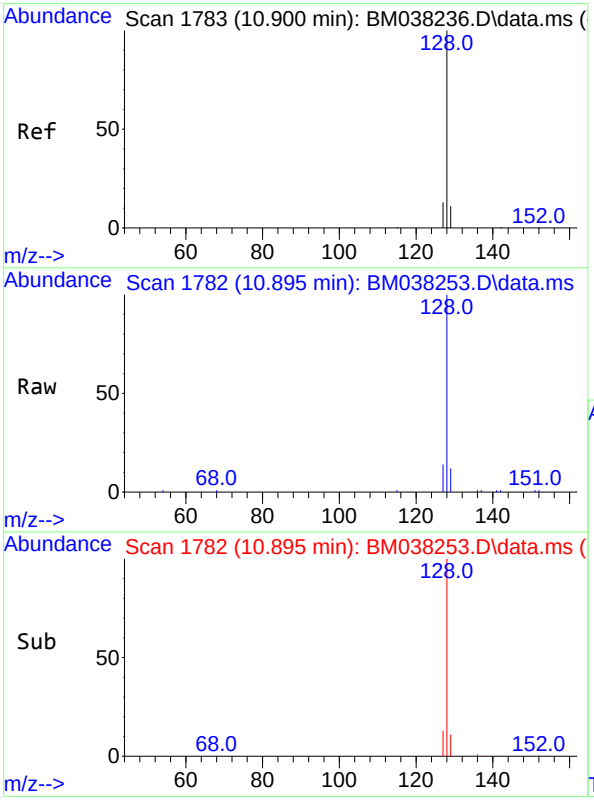
#2
1,4-Dioxane
Concen: 1.372 ng/ul
RT: 3.431 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion: 88 Resp: 6142

Ion	Ratio	Lower	Upper
88	100		
43	45.2	46.4	69.6#
58	73.4	56.9	85.3

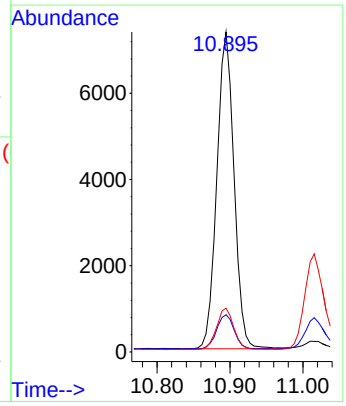


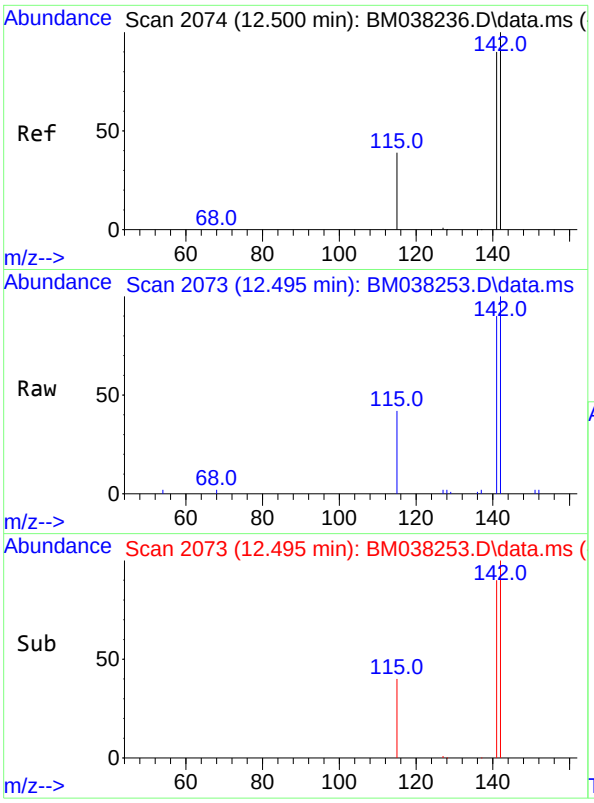


#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:128 Resp: 12047

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.6	10.7	16.1



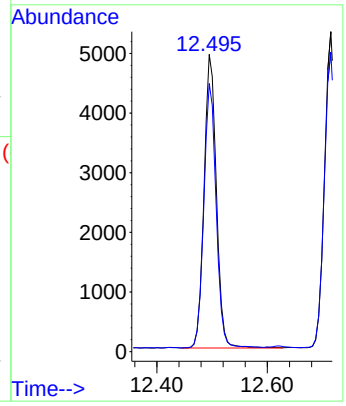


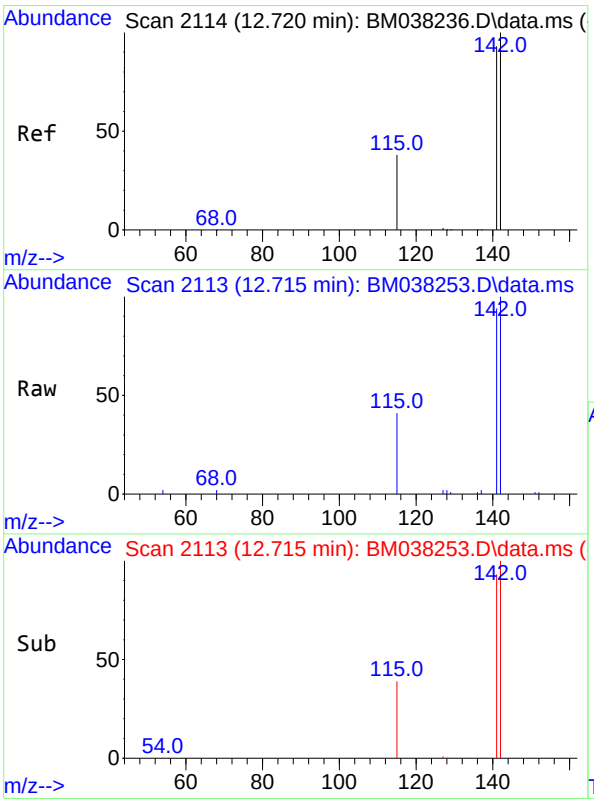
#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.495 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:142 Resp: 7607

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9

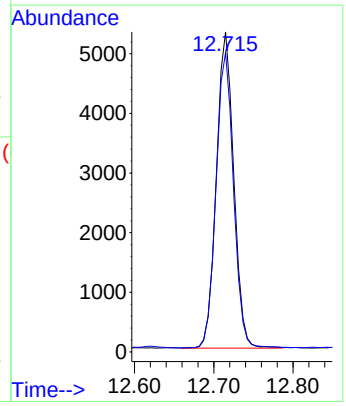


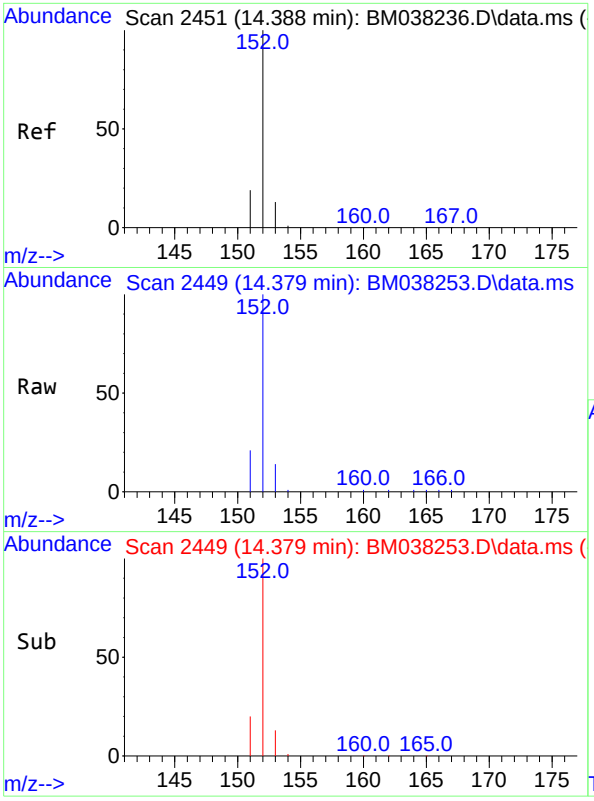


#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. -0.011 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:142 Resp: 8064

Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.7	112.1



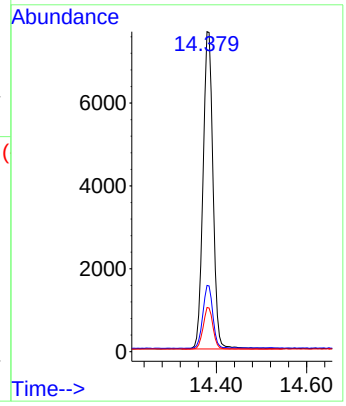


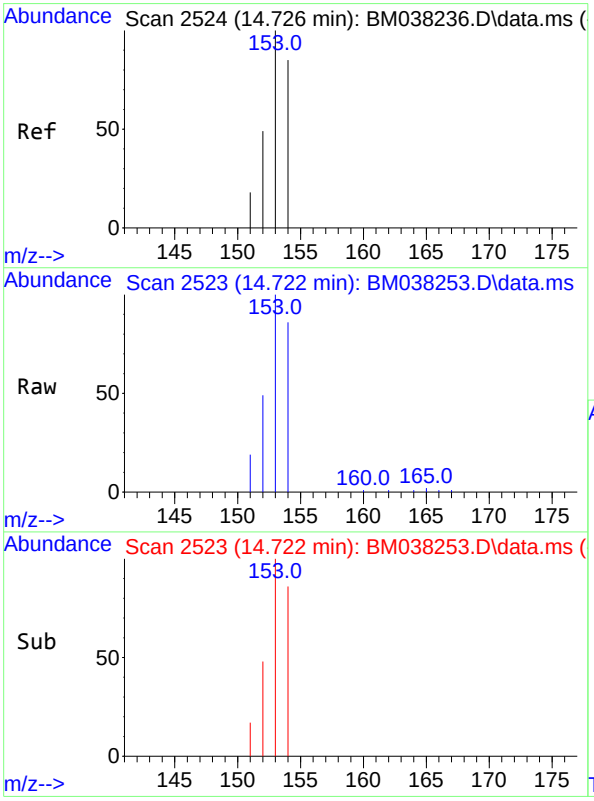
#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.379 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:152 Resp: 11789

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	13.8	10.7	16.1

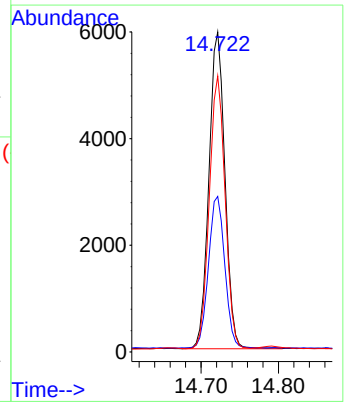


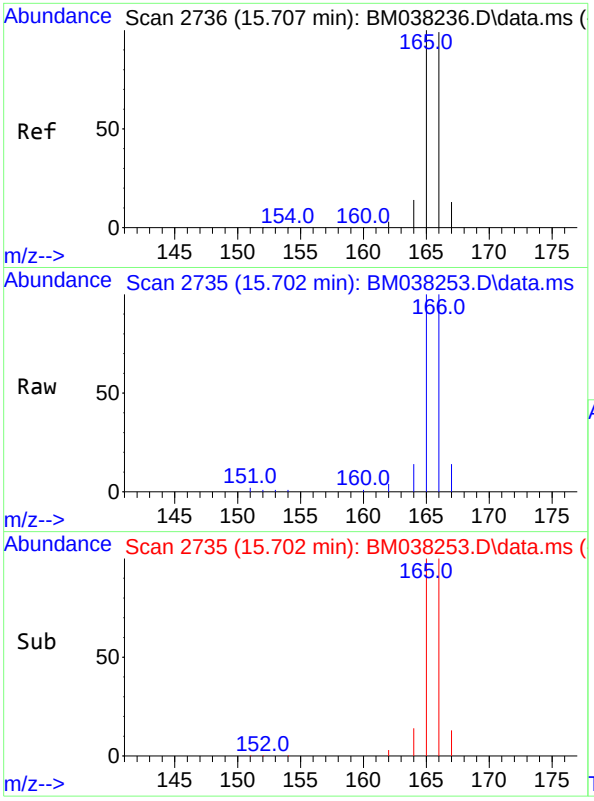


#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.722 min Scan# 2523
Delta R.T. -0.009 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:153 Resp: 8543

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.4	59.0
154	86.3	69.0	103.4



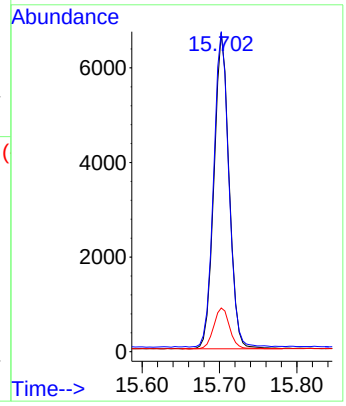


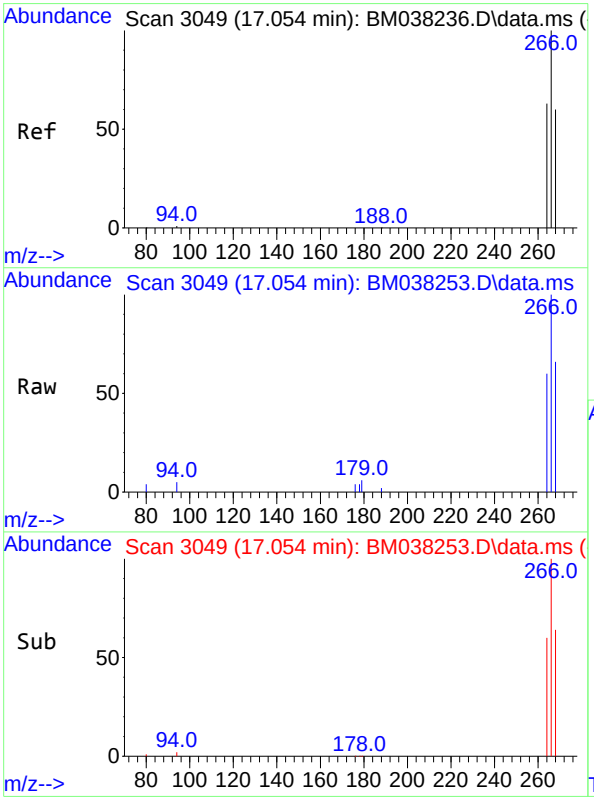
#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.702 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:166 Resp: 9031

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.6
167	13.7	11.0	16.6

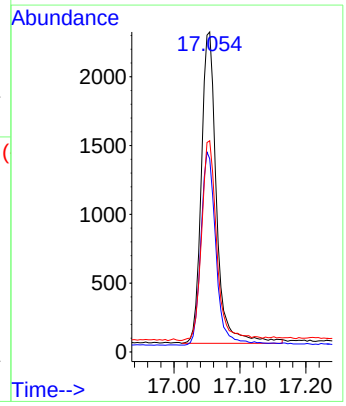


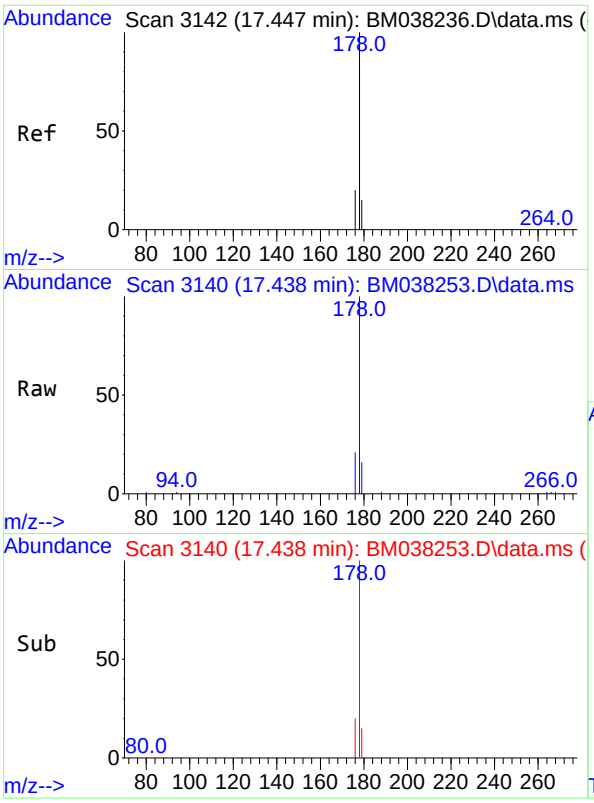


#14
Pentachlorophenol
Concen: 0.592 ng/ul
RT: 17.054 min Scan# 3049
Delta R.T. -0.004 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:266 Resp: 3625

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.9	74.9
268	64.9	51.2	76.8



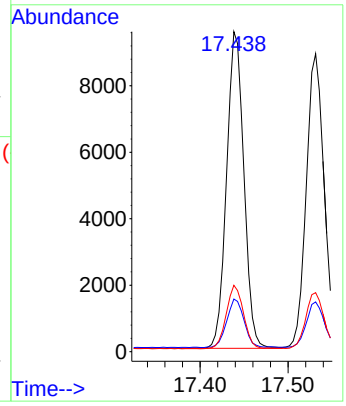


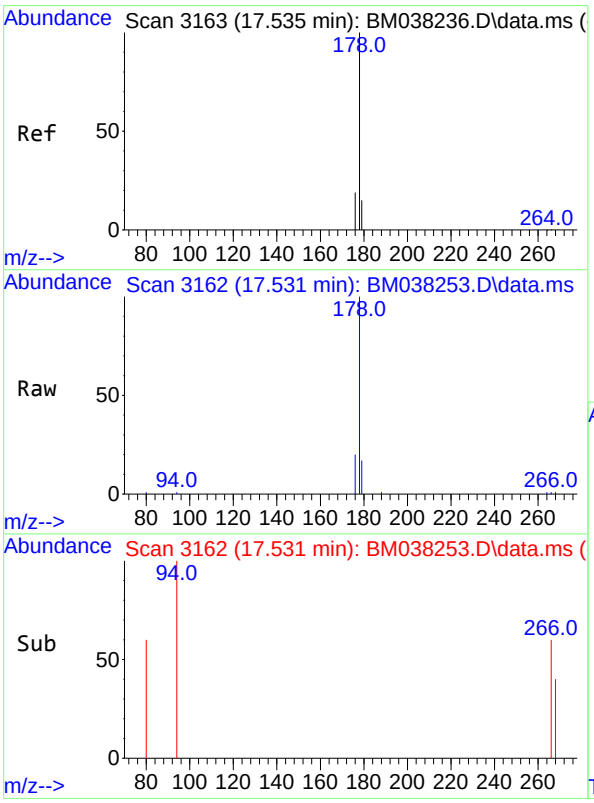
#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.438 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:178 Resp: 13046

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	20.8	16.2	24.4

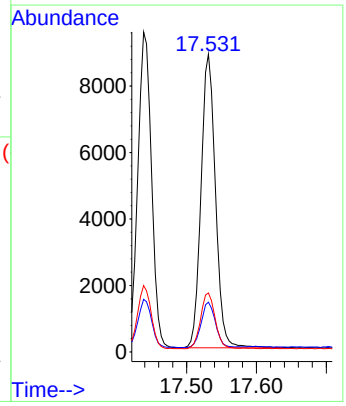


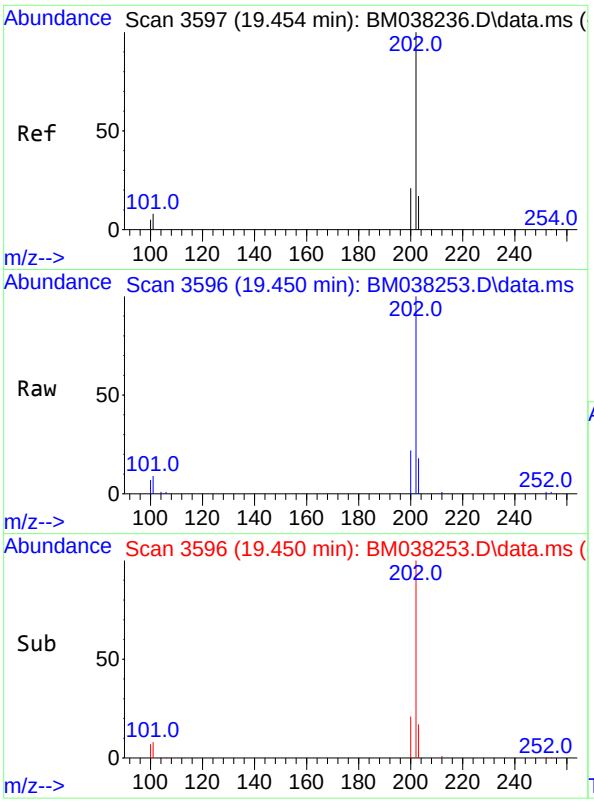


#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:178 Resp: 12679

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	19.8	15.6	23.4



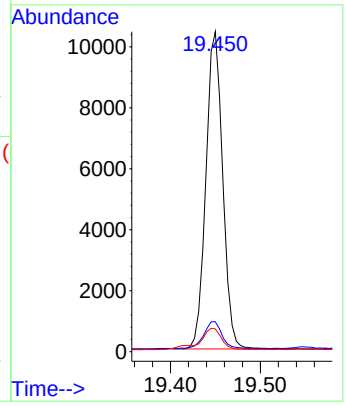


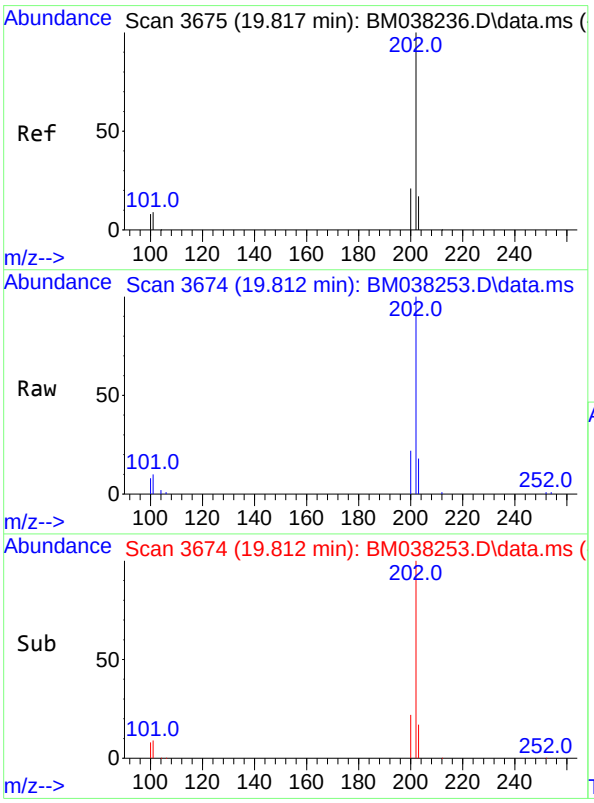
#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.450 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:202 Resp: 13534

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.5	11.3
100	7.1	5.6	8.4

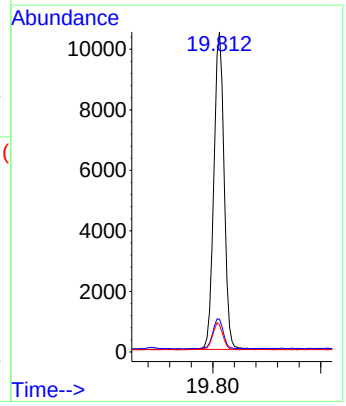


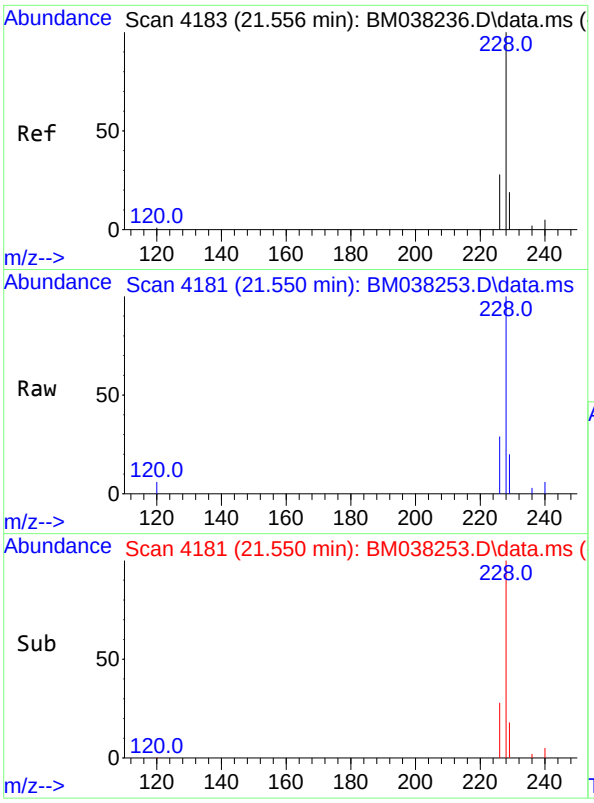


#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:202 Resp: 13810

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	8.5	7.4	11.0



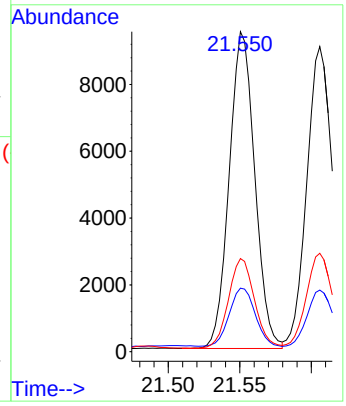


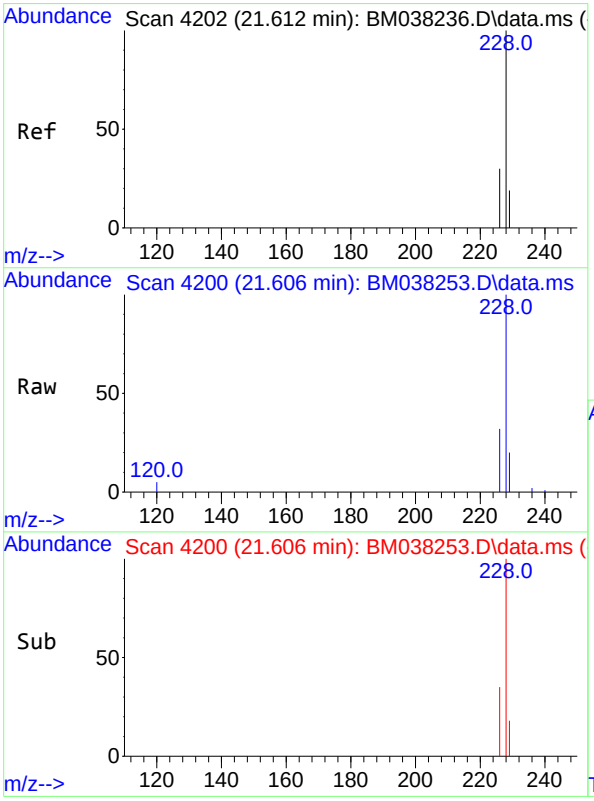
#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.550 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:228 Resp: 11822

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	29.1	22.2	33.2

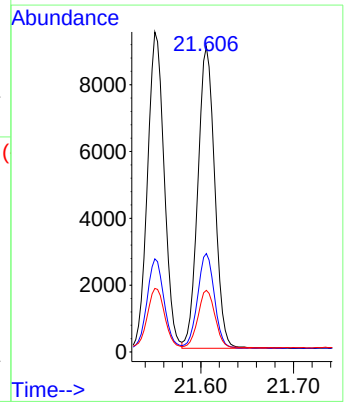


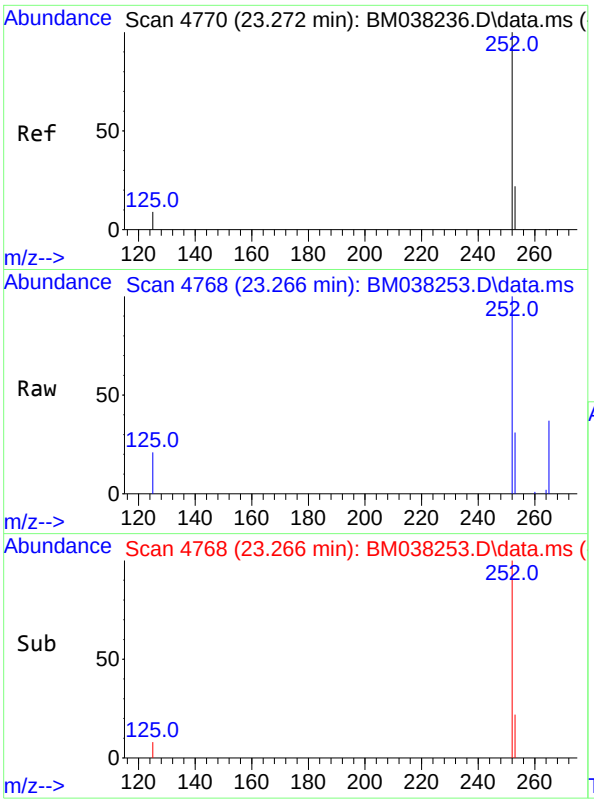


#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:228 Resp: 11436

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.4
229	20.2	16.0	24.0



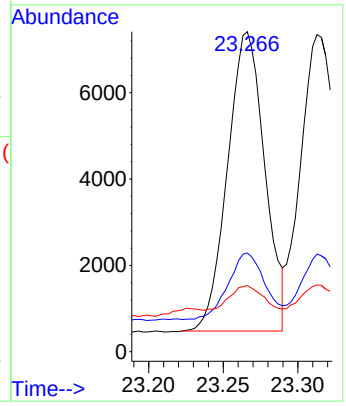


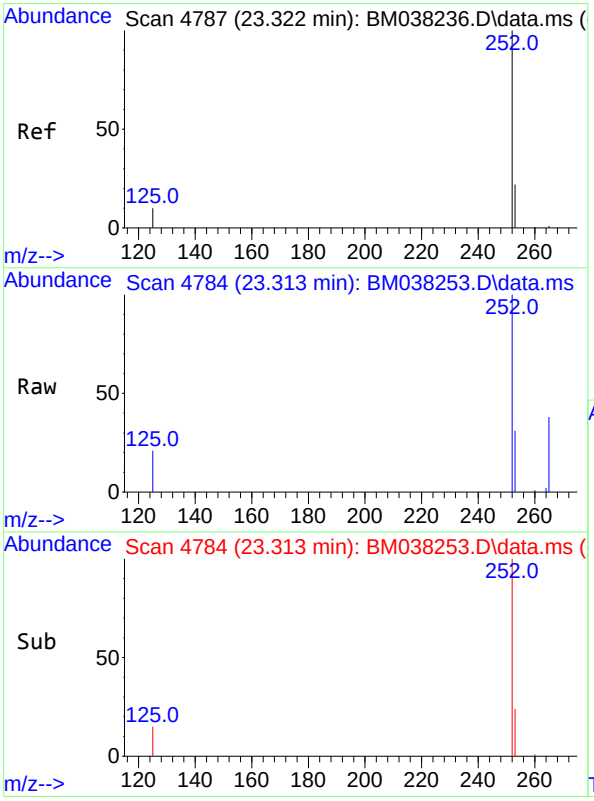
#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.266 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:252 Resp: 12014

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	56.0
125	20.7	0.0	36.6

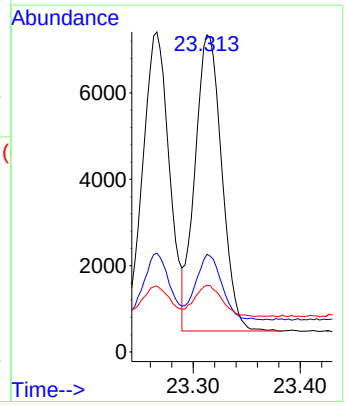


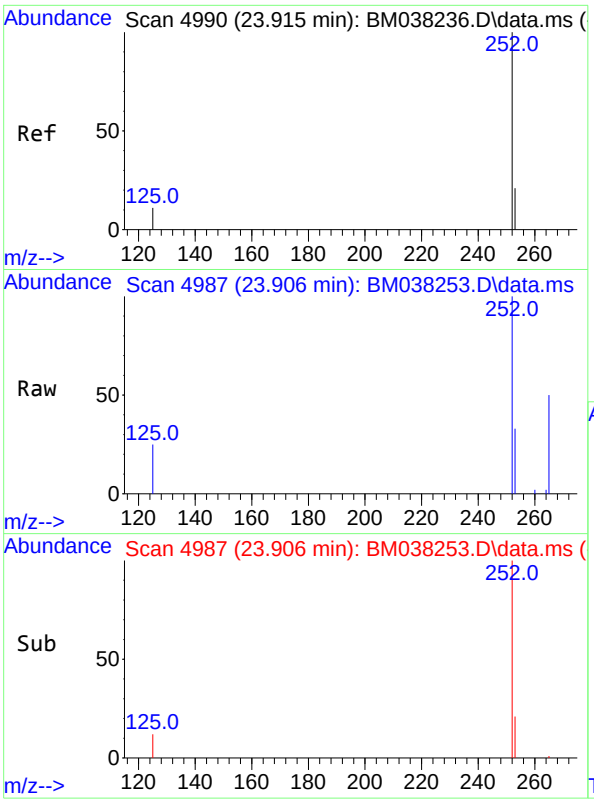


#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:252 Resp: 11935

Ion	Ratio	Lower	Upper
252	100		
253	30.8	22.5	33.7
125	21.0	14.4	21.6



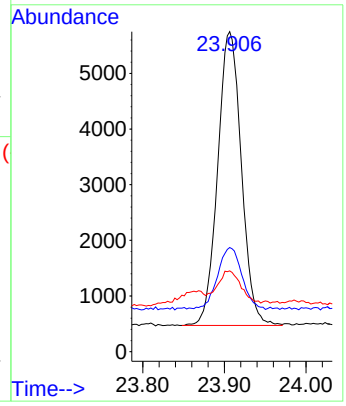


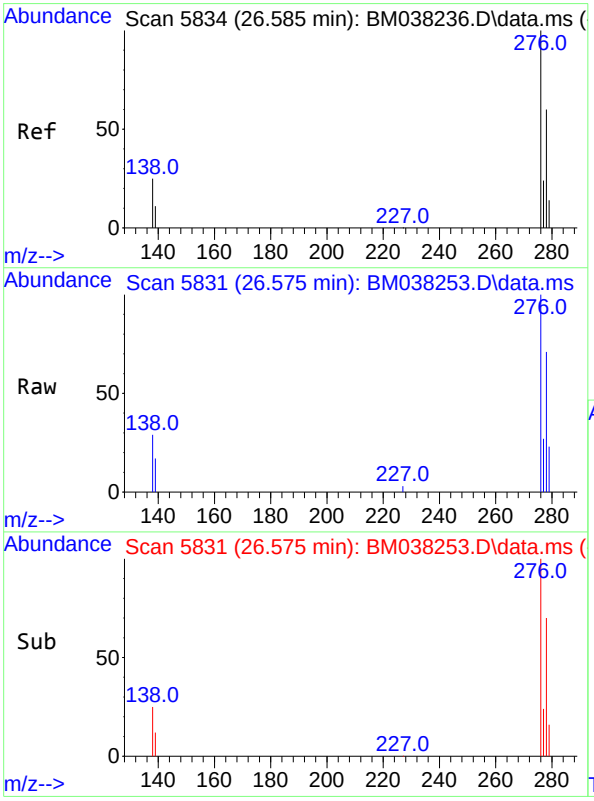
#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.906 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:252 Resp: 10644

Ion	Ratio	Lower	Upper
252	100		
253	32.6	24.2	36.4
125	25.2	17.3	25.9

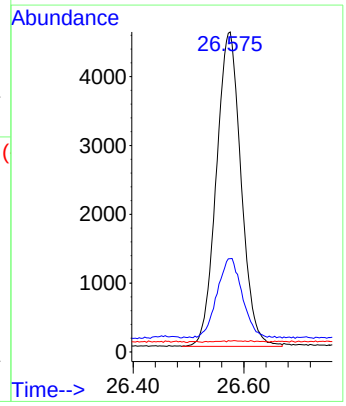


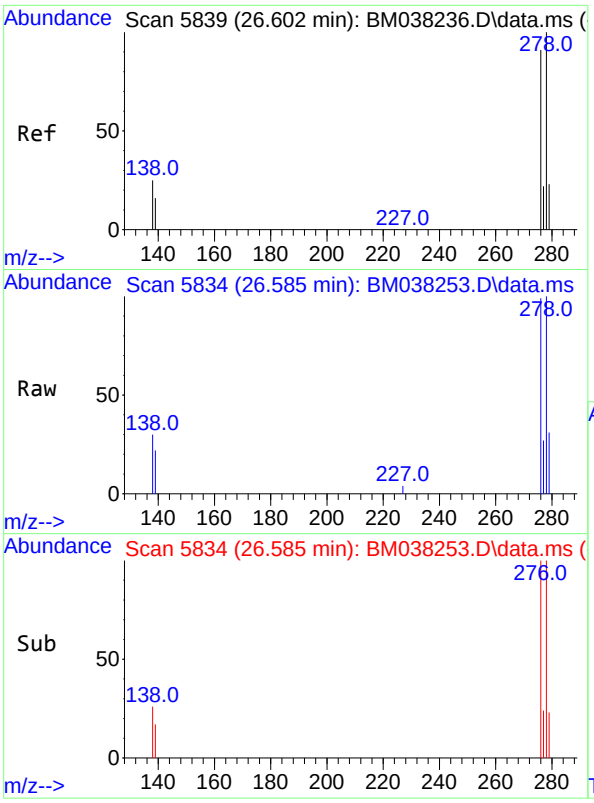


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:276 Resp: 14153

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.7	32.5
227	0.2	0.0	0.0#



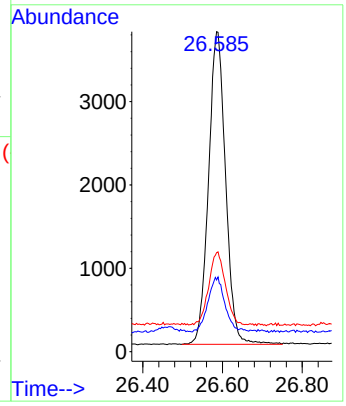


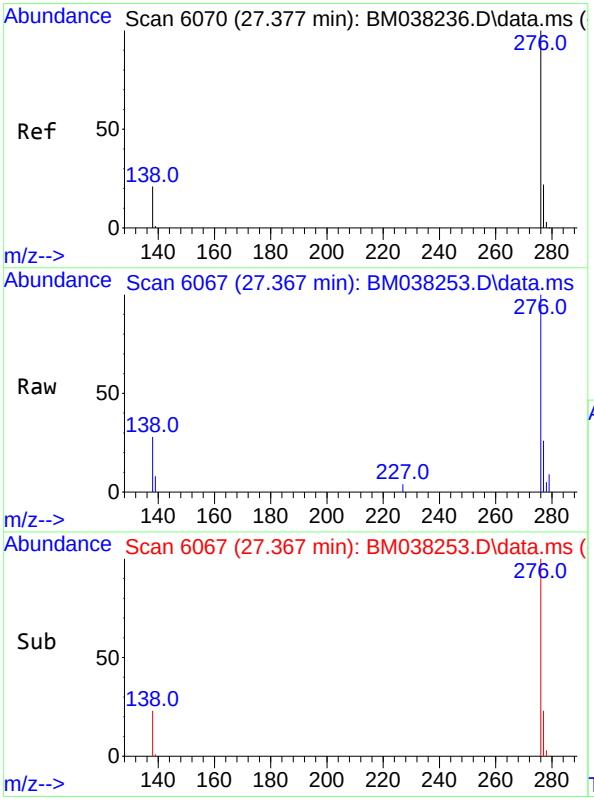
#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.585 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Instrument :
BNA_M
ClientSampleId :
SLCS780

Tgt Ion:278 Resp: 11124

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.8	25.2
279	30.9	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.367 min Scan# 6067
Delta R.T. -0.003 min
Lab File: BM038253.D
Acq: 24 Dec 2022 03:34

Tgt Ion:276 Resp: 11829

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.8	31.2
277	26.5	20.5	30.7