Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042951.D
Acq On : 22 Nov 2023 14:27
Operator : MA/JU
Sample : PB157008BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS008

Quant Time: Nov 23 00:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

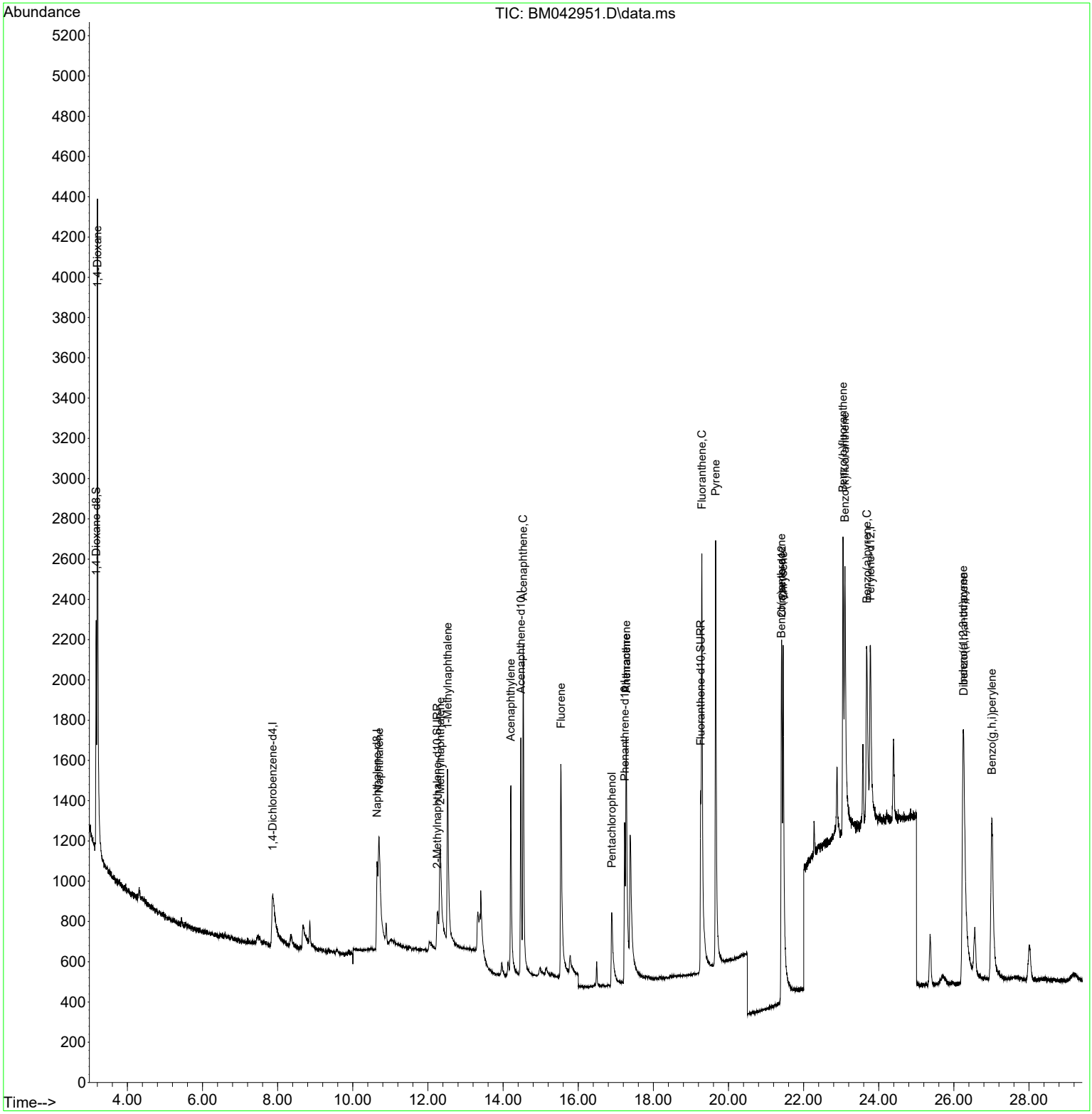
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	544	0.400	ng/ul	0.03
4) Naphthalene-d8	10.645	136	1518	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	811	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1720	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1189	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1686	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	640	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	656	0.343	ng/ul	0.01
18) Fluoranthene-d10	19.262	212	1458	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	1973	2.075	ng/ul#	48
5) Naphthalene	10.700	128	1550	0.324	ng/ul#	87
7) 2-Methylnaphthalene	12.328	142	851	0.304	ng/ul	97
8) 1-Methylnaphthalene	12.526	142	923	0.314	ng/ul	99
10) Acenaphthylene	14.206	152	1735	0.322	ng/ul	95
11) Acenaphthene	14.534	153	1258	0.333	ng/ul	97
12) Fluorene	15.543	166	1287	0.317	ng/ul	95
14) Pentachlorophenol	16.892	266	598	0.625	ng/ul	92
15) Phenanthrene	17.276	178	1940	0.321	ng/ul	93
16) Anthracene	17.276	178	1940	0.310	ng/ul	98
19) Fluoranthene	19.290	202	2636	0.351	ng/ul	98
20) Pyrene	19.657	202	2798	0.347	ng/ul	99
21) Benzo(a)anthracene	21.406	228	1724	0.309	ng/ul	96
22) Chrysene	21.455	228	2650	0.368	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	2131	0.314	ng/ul	99
25) Benzo(k)fluoranthene	23.101	252	2962	0.351	ng/ul	98
26) Benzo(a)pyrene	23.683	252	2312	0.332	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.245	276	2993	0.321	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.262	278	2217	0.319	ng/ul	97
29) Benzo(g,h,i)perylene	27.013	276	2638	0.333	ng/ul	98

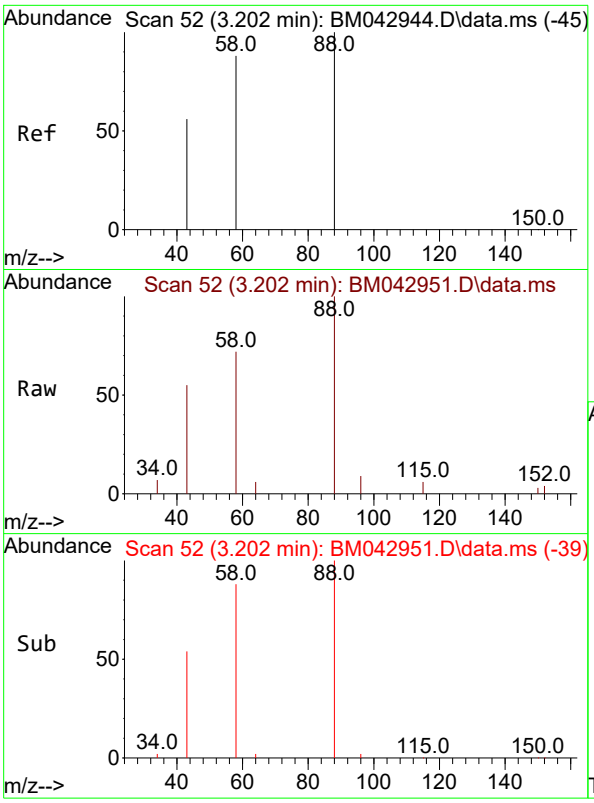
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042951.D
Acq On : 22 Nov 2023 14:27
Operator : MA/JU
Sample : PB157008BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS008

Quant Time: Nov 23 00:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration



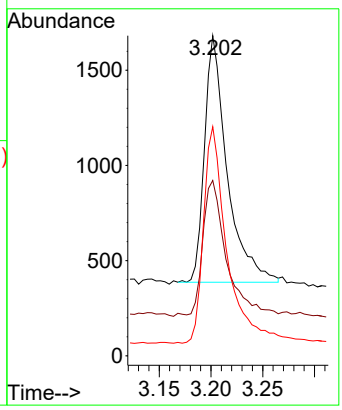


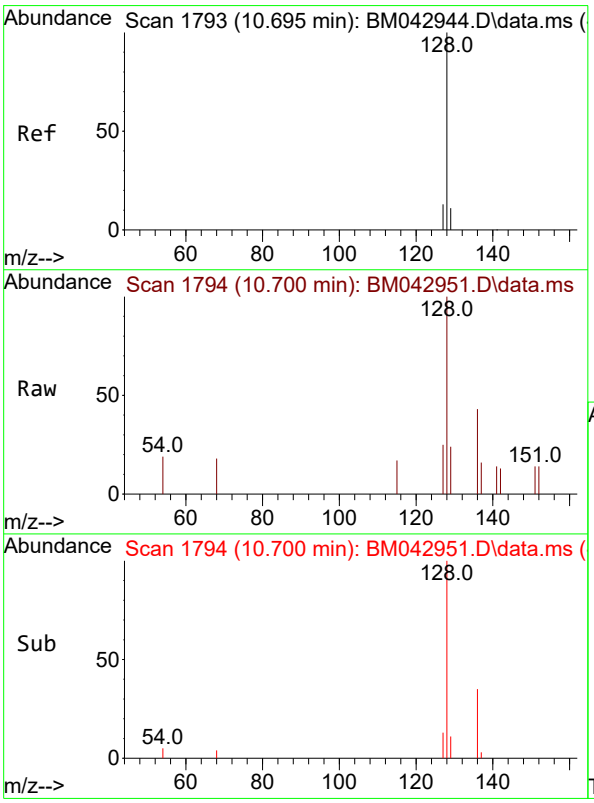
#2
1,4-Dioxane
Concen: 2.075 ng/ul
RT: 3.202 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion: 88 Resp: 1973

Ion	Ratio	Lower	Upper
88	100		
43	54.8	30.5	45.7#
58	71.6	21.8	32.6#

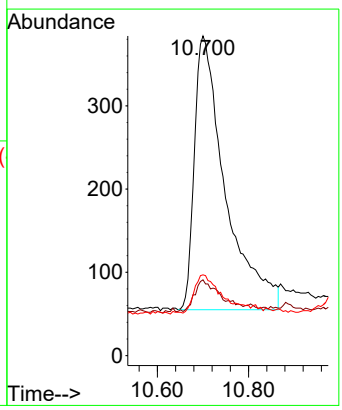


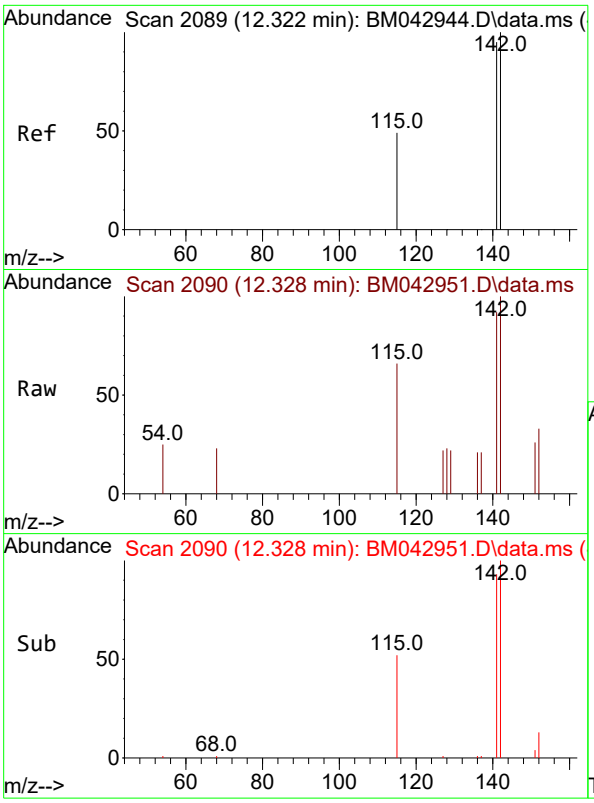


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.700 min Scan# 1794
Delta R.T. 0.018 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:128 Resp: 1550

Ion	Ratio	Lower	Upper
128	100		
129	23.7	14.2	21.4#
127	25.3	15.8	23.6#



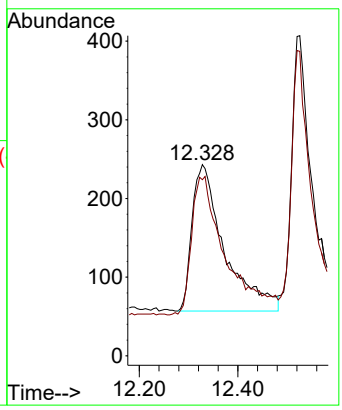


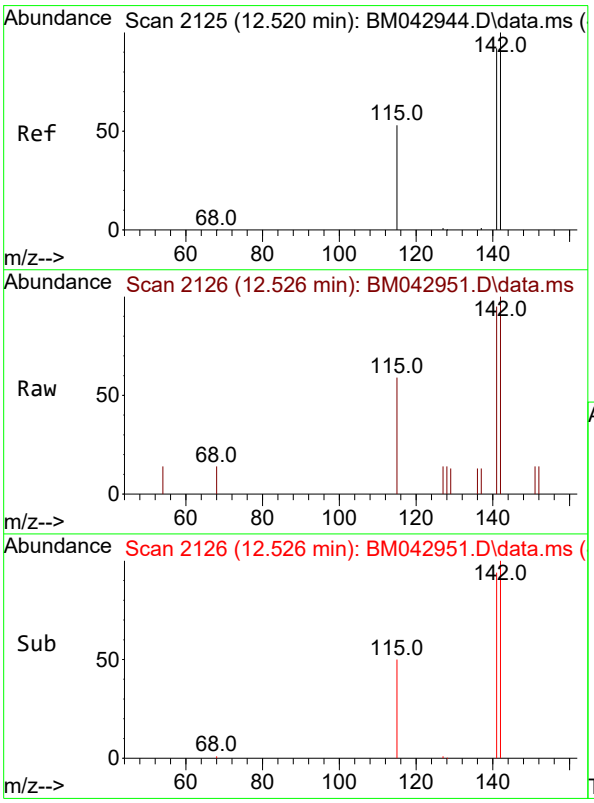
#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.328 min Scan# 2
Delta R.T. 0.018 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:142 Resp: 851

Ion	Ratio	Lower	Upper
142	100		
141	99.3	77.2	115.8

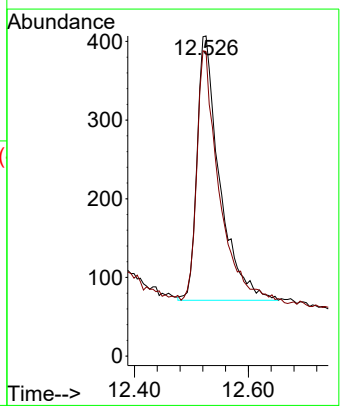


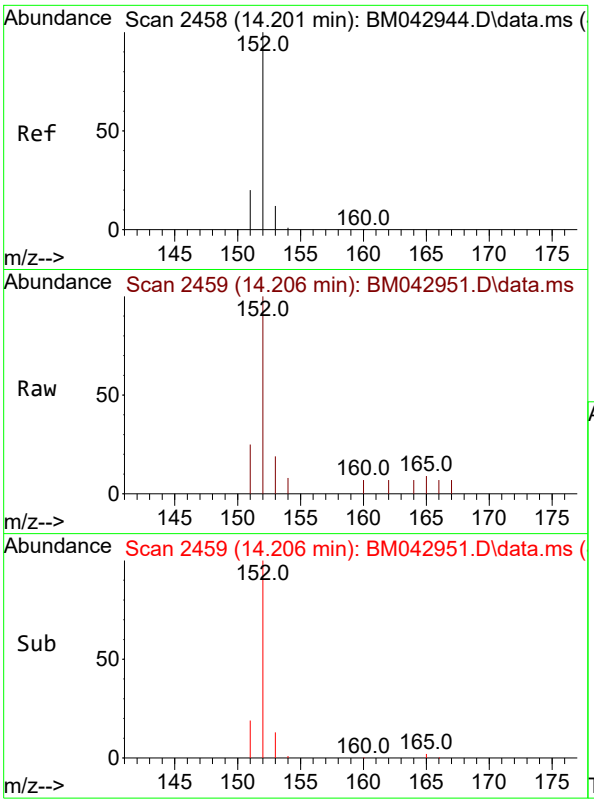


#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.526 min Scan# 2126
Delta R.T. 0.007 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:142 Resp: 923

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.6	112.0



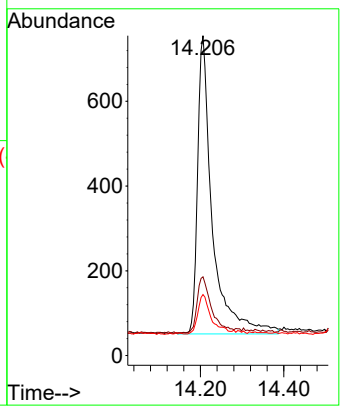


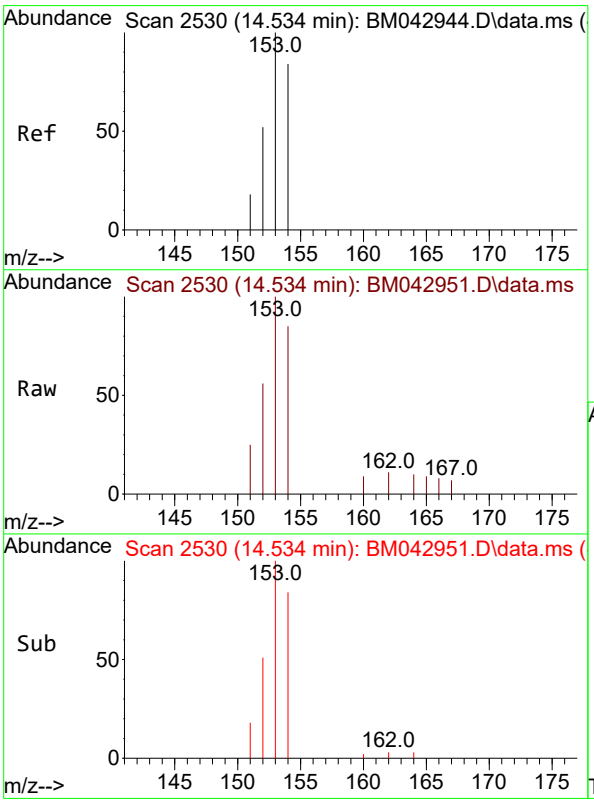
#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.206 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:152 Resp: 1735

Ion	Ratio	Lower	Upper
152	100		
151	24.6	18.5	27.7
153	19.1	12.9	19.3

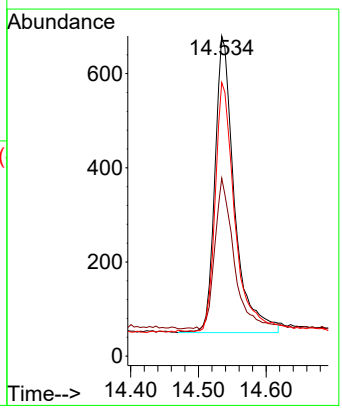


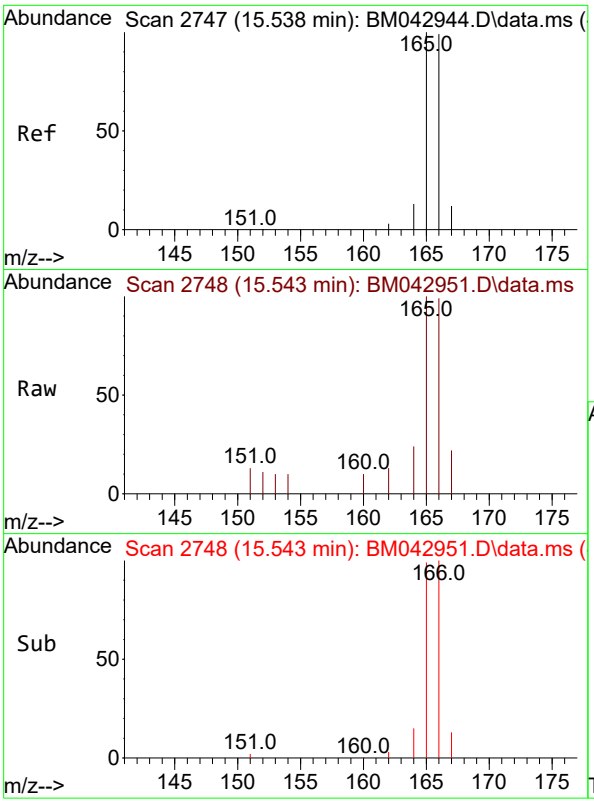


#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.534 min Scan# 2530
Delta R.T. 0.001 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:153 Resp: 1258

Ion	Ratio	Lower	Upper
153	100		
152	55.6	43.3	64.9
154	85.4	70.6	105.8



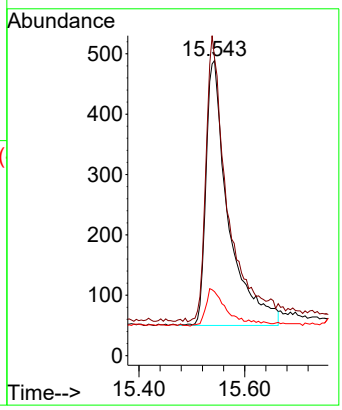


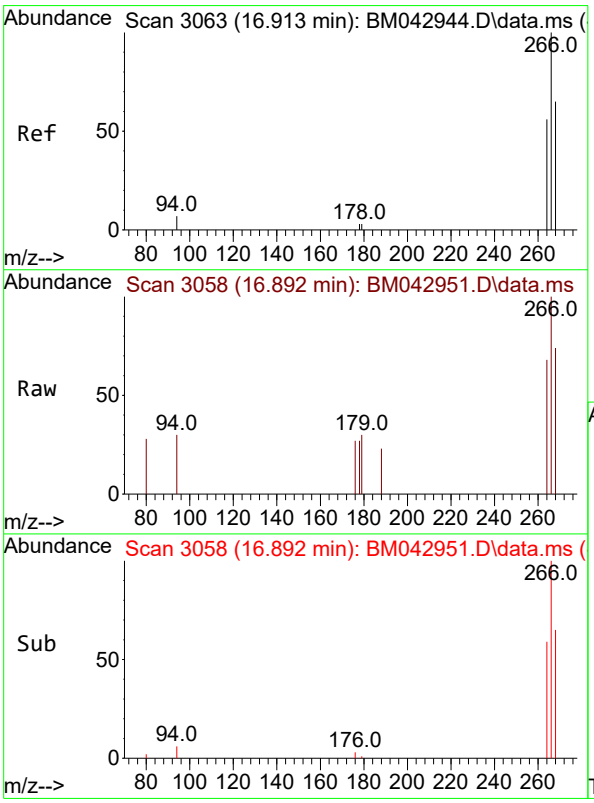
#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.543 min Scan# 2
Delta R.T. 0.015 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:166 Resp: 1287

Ion	Ratio	Lower	Upper
166	100		
165	100.8	84.3	126.5
167	21.7	15.0	22.6

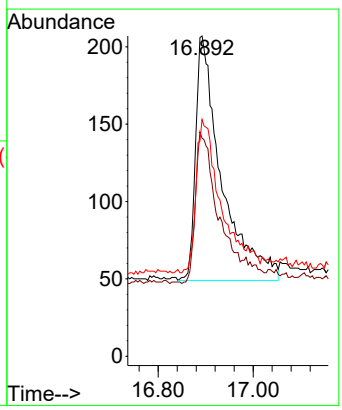


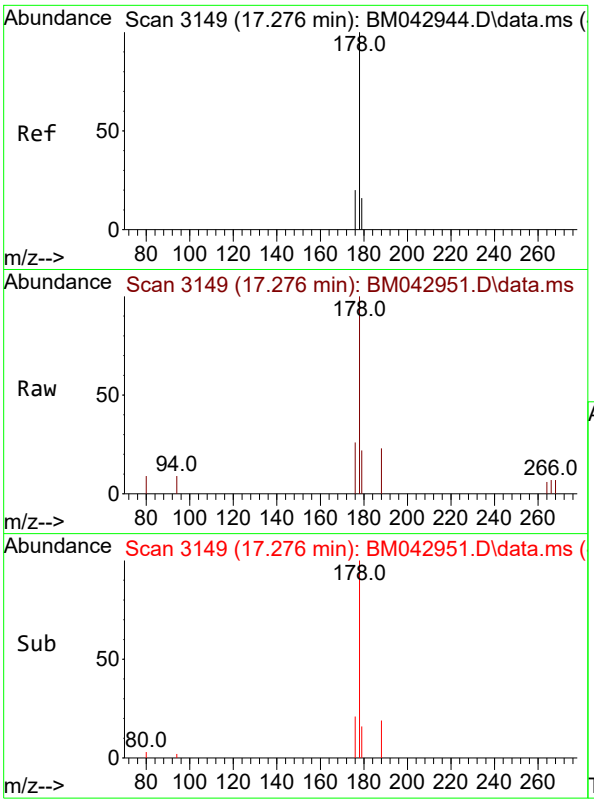


#14
Pentachlorophenol
Concen: 0.625 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. 0.001 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:266 Resp: 598

Ion	Ratio	Lower	Upper
266	100		
264	59.5	52.2	78.2
268	66.4	48.0	72.0



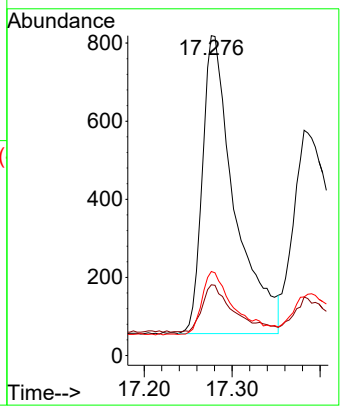


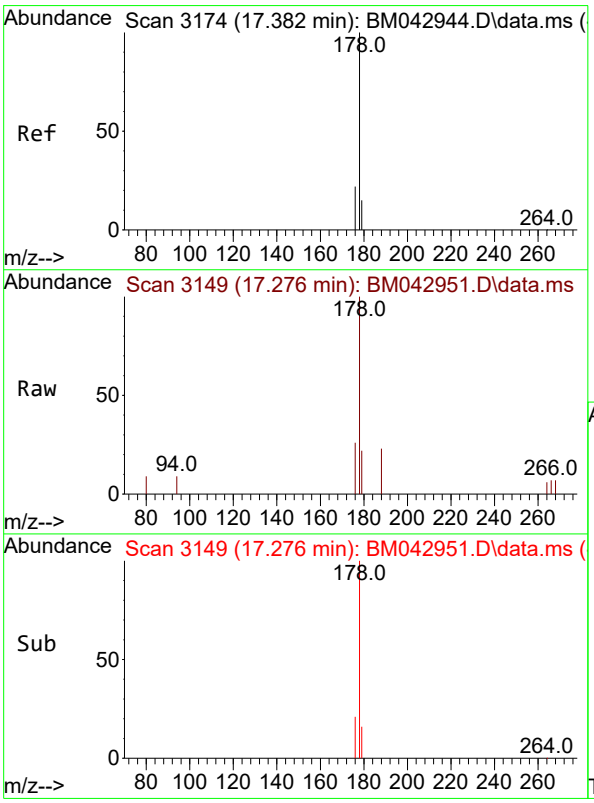
#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.276 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:178 Resp: 1940

Ion	Ratio	Lower	Upper
178	100		
179	22.1	14.9	22.3
176	26.3	18.6	27.8

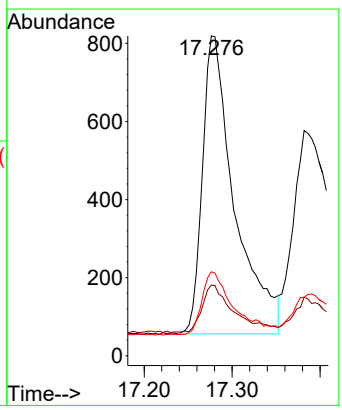


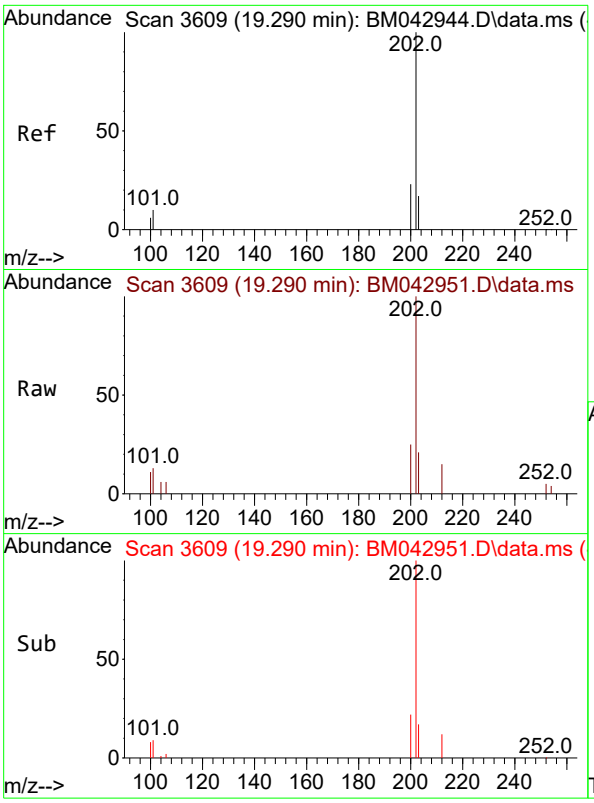


#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.276 min Scan# 3149
Delta R.T. -0.096 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:178 Resp: 1940

Ion	Ratio	Lower	Upper
178	100		
179	22.1	16.6	24.8
176	26.3	20.3	30.5



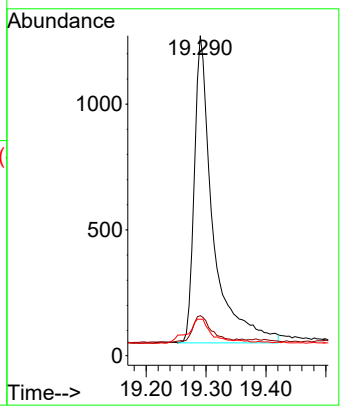


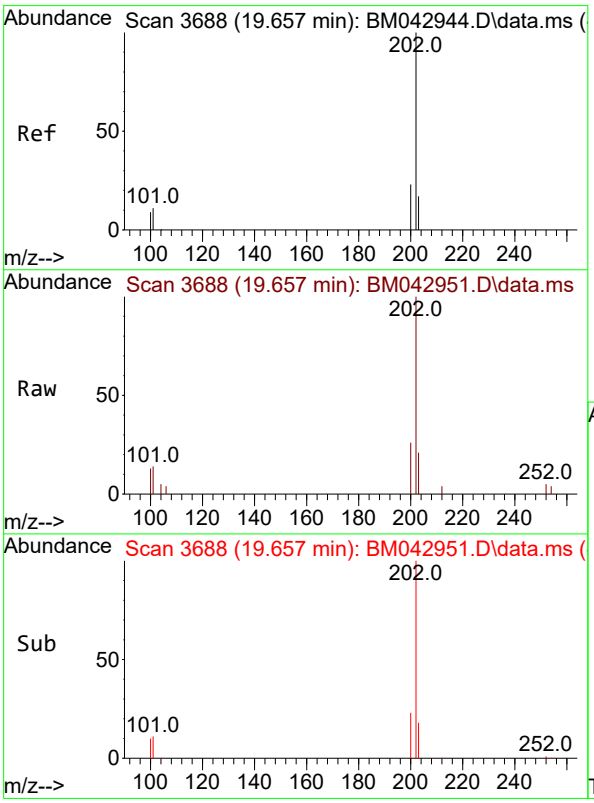
#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.290 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:202 Resp: 2636

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.4
100	11.4	8.2	12.2

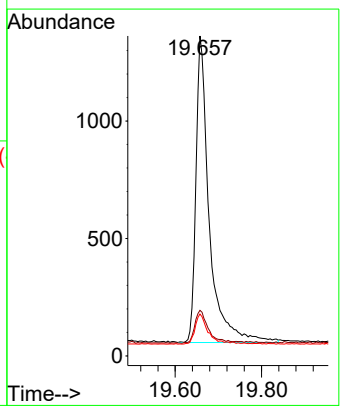


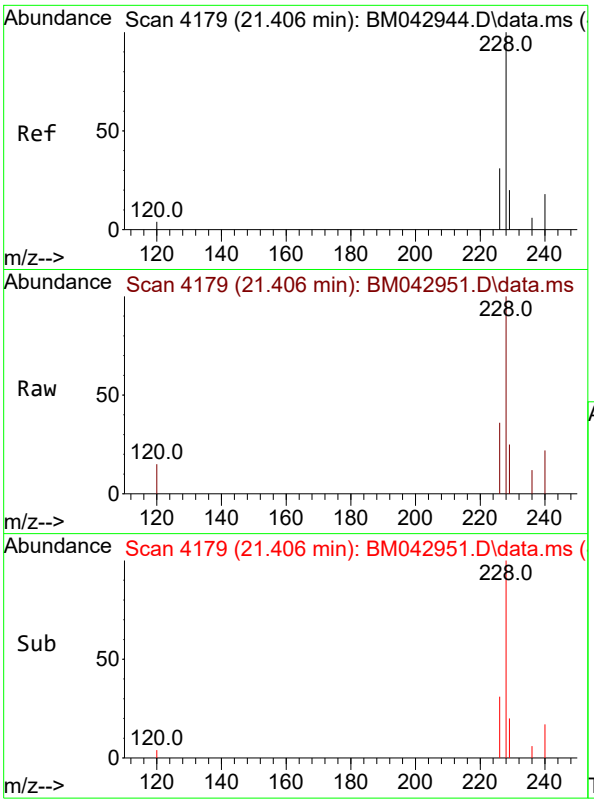


#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.657 min Scan# 3688
Delta R.T. 0.006 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:202 Resp: 2798

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.2	16.8
100	13.1	10.3	15.5



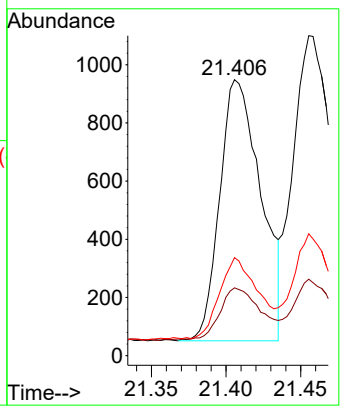


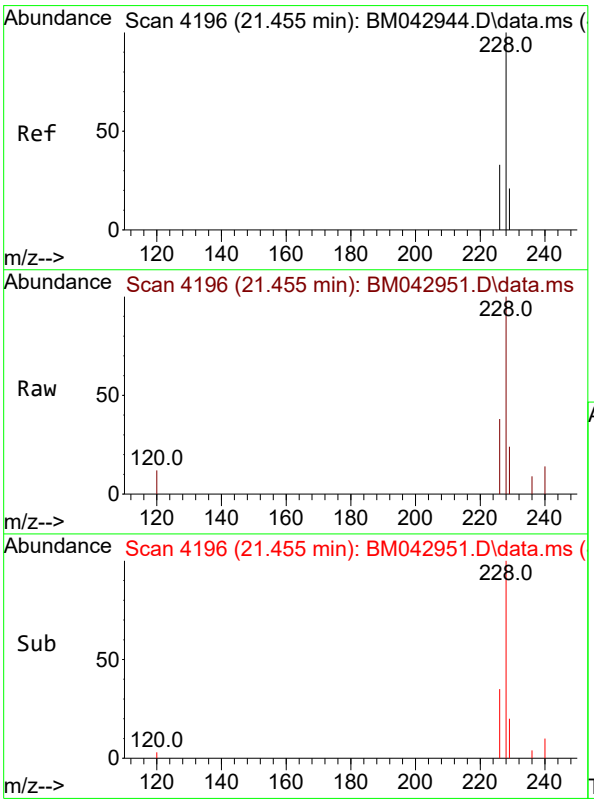
#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.406 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:228 Resp: 1724

Ion	Ratio	Lower	Upper
228	100		
229	24.6	18.6	28.0
226	35.5	26.2	39.2

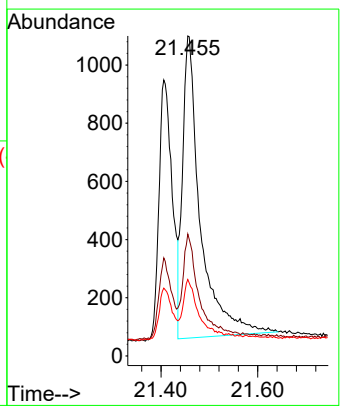


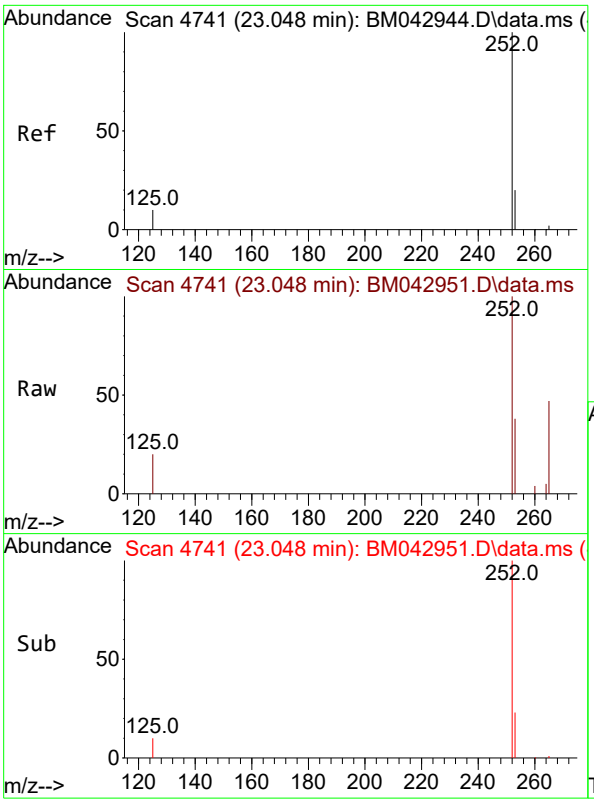


#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.455 min Scan# 4196
Delta R.T. 0.005 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:228 Resp: 2650

Ion	Ratio	Lower	Upper
228	100		
226	38.1	29.2	43.8
229	23.9	19.4	29.2



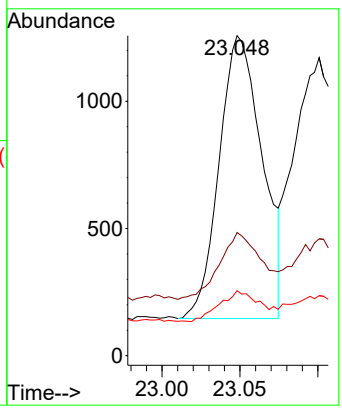


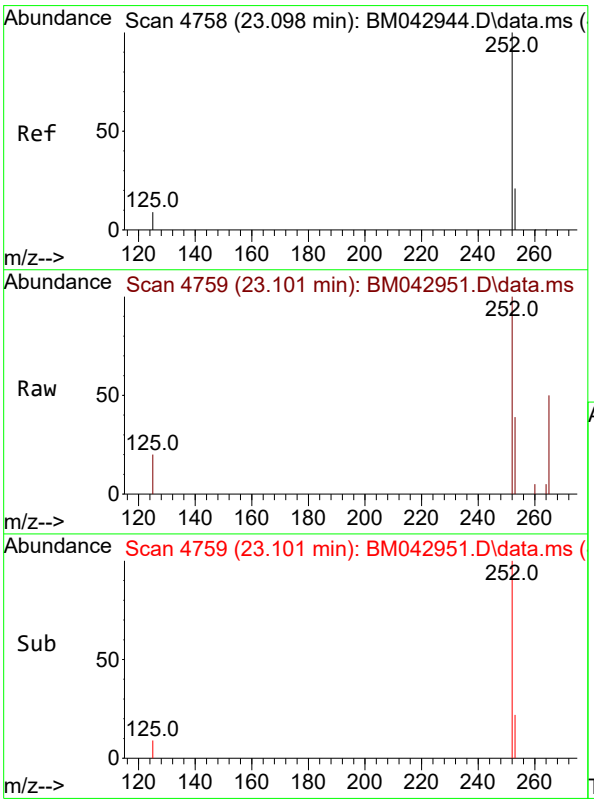
#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.048 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:252 Resp: 2131

Ion	Ratio	Lower	Upper
252	100		
253	38.5	0.0	77.4
125	20.3	0.0	42.0

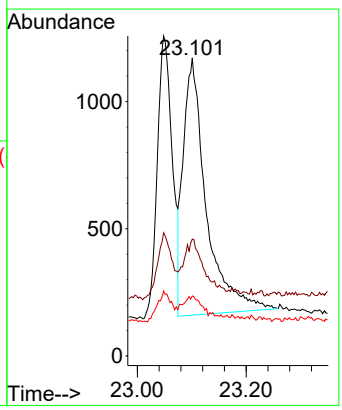


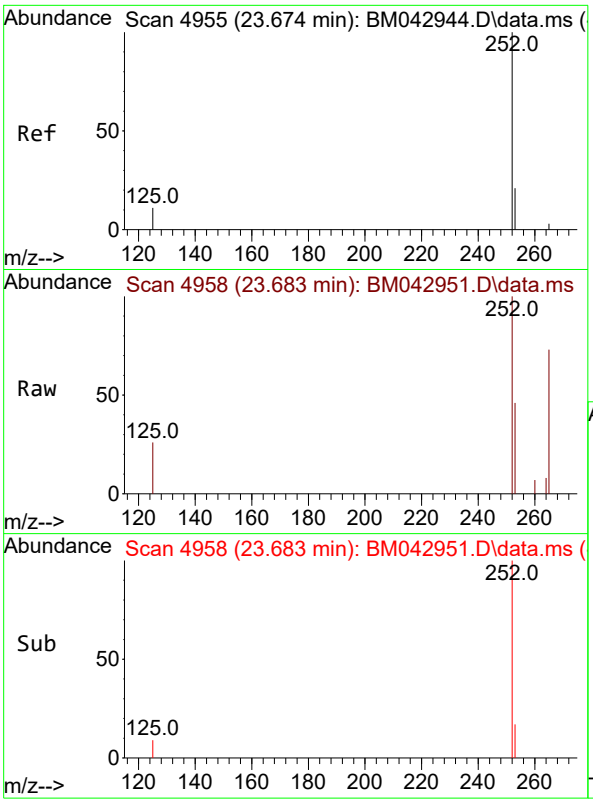


#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. 0.011 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:252 Resp: 2962

Ion	Ratio	Lower	Upper
252	100		
253	39.2	30.5	45.7
125	20.1	17.2	25.8



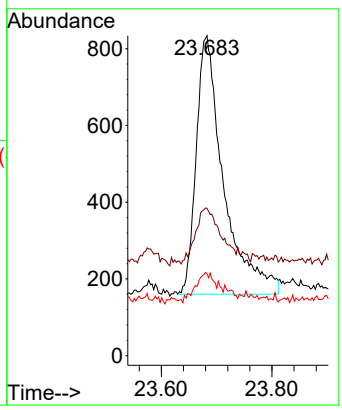


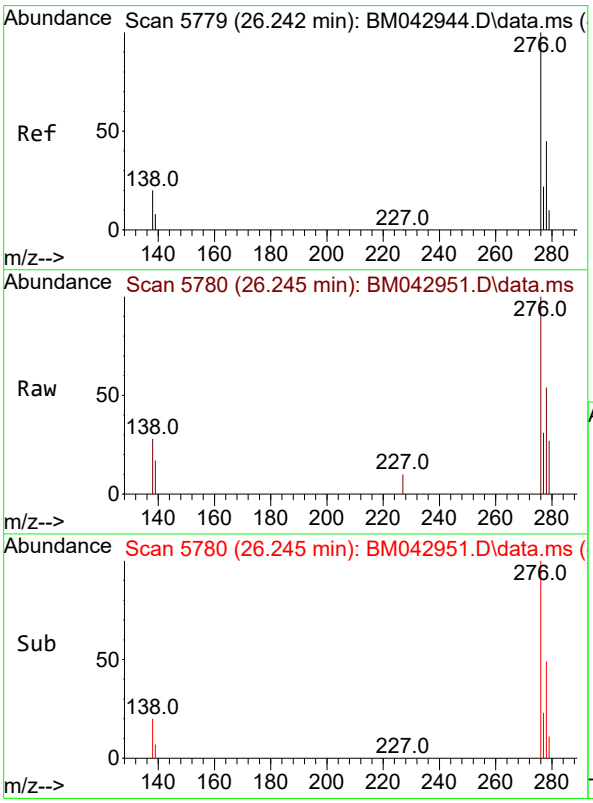
#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.683 min Scan# 4
Delta R.T. 0.014 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:252 Resp: 2312

Ion	Ratio	Lower	Upper
252	100		
253	46.0	35.1	52.7
125	25.7	21.2	31.8

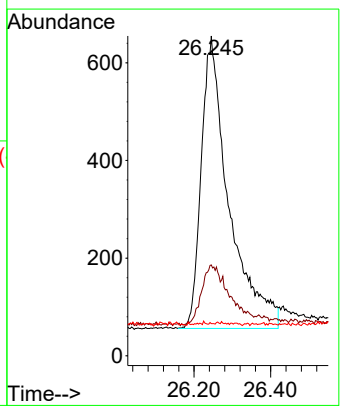


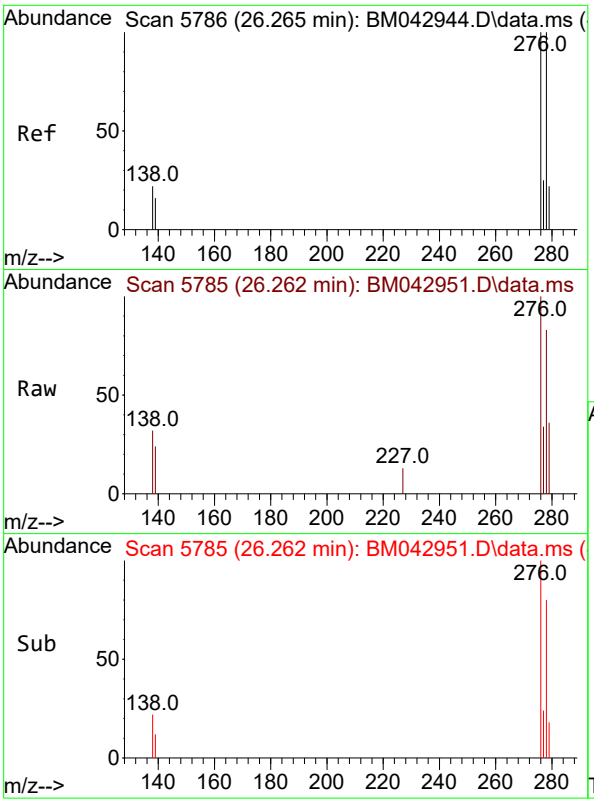


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.245 min Scan# 5780
Delta R.T. 0.016 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:276 Resp: 2993

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.5	29.3
227	0.0	0.1	0.1#



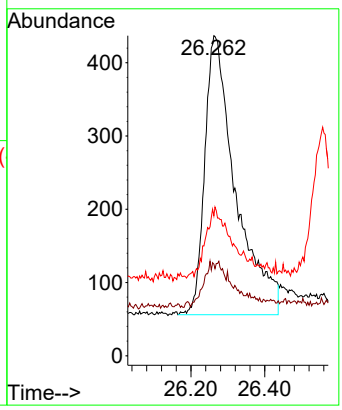


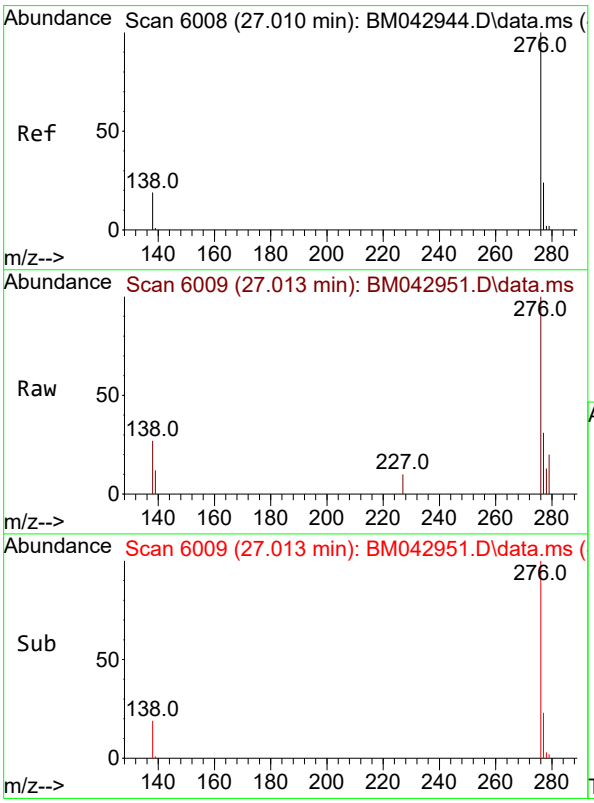
#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.262 min Scan# 5
Delta R.T. 0.020 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SLCS008

Tgt Ion:278 Resp: 2217

Ion	Ratio	Lower	Upper
278	100		
139	28.6	21.8	32.6
279	43.7	33.4	50.0





#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.013 min Scan# 6009
Delta R.T. 0.016 min
Lab File: BM042951.D
Acq: 22 Nov 2023 14:27

Tgt Ion:276 Resp: 2638

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.2	33.4
277	31.1	25.9	38.9