Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
Data File : BM037983.D
Acq On : 13 Dec 2022 13:56
Operator : CG/JU
Sample : SSTD0.298
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Quant Time: Dec 14 01:16:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:15:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	1763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	4583	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	2298	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	5161	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	3866	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	3514	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	561	0.239	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	1307	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	2624	0.200	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	544	0.222	ng/ul#	83
5) Naphthalene	10.933	128	2836	0.198	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	1618	0.186	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	1693	0.189	ng/ul	99
10) Acenaphthylene	14.416	152	2610	0.227	ng/ul	95
11) Acenaphthene	14.754	153	1875	0.196	ng/ul	97
12) Fluorene	15.735	166	2110	0.199	ng/ul	98
14) Pentachlorophenol	17.075	266	469	0.277	ng/ul	97
15) Phenanthrene	17.468	178	3572	0.191	ng/ul	98
16) Anthracene	17.561	178	3183	0.191	ng/ul	96
19) Fluoranthene	19.473	202	4060	0.189	ng/ul	96
20) Pyrene	19.836	202	4158	0.185	ng/ul	98
21) Benzo(a)anthracene	21.574	228	3578	0.191	ng/ul	96
22) Chrysene	21.629	228	3762	0.199	ng/ul	97
24) Benzo(b)fluoranthene	23.292	252	4082	0.222	ng/ul	91
25) Benzo(k)fluoranthene	23.342	252	3718	0.210	ng/ul#	89
26) Benzo(a)pyrene	23.936	252	3208	0.204	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.615	276	3968	0.193	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	3009	0.187	ng/ul#	92
29) Benzo(g,h,i)perylene	27.410	276	3305	0.192	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
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Quant Time: Dec 14 01:16:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:15:09 2022
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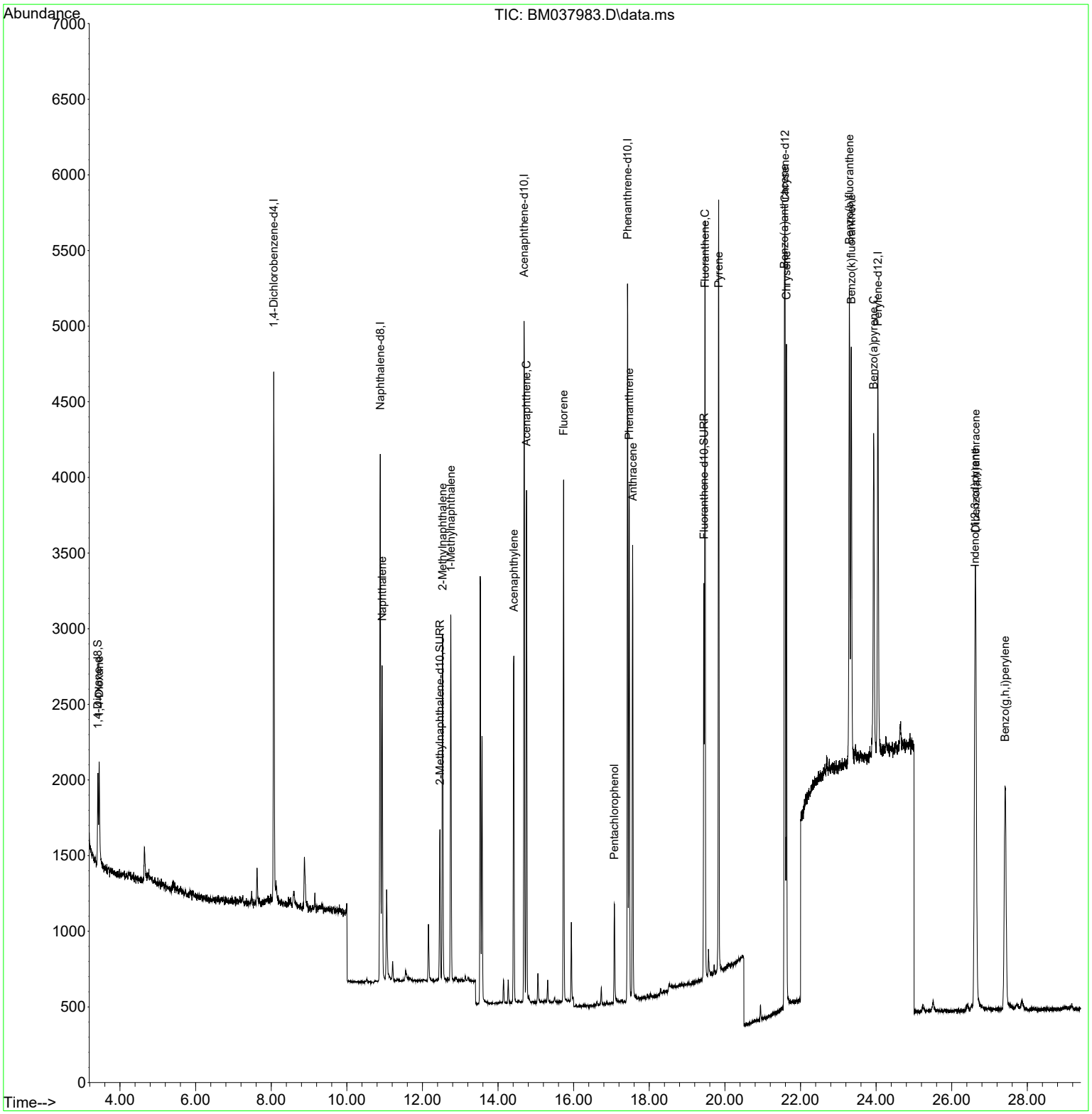
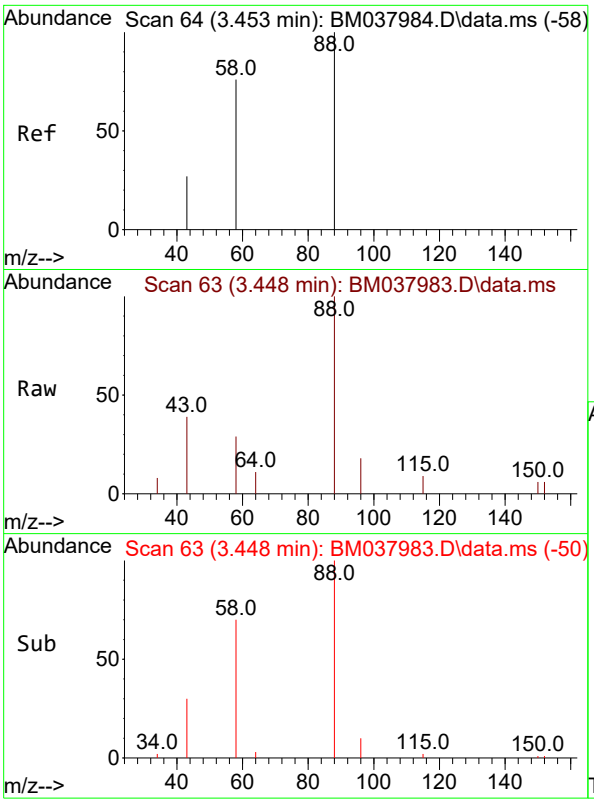


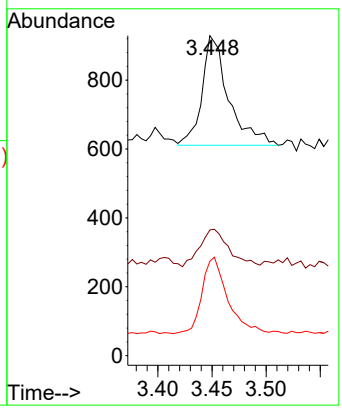


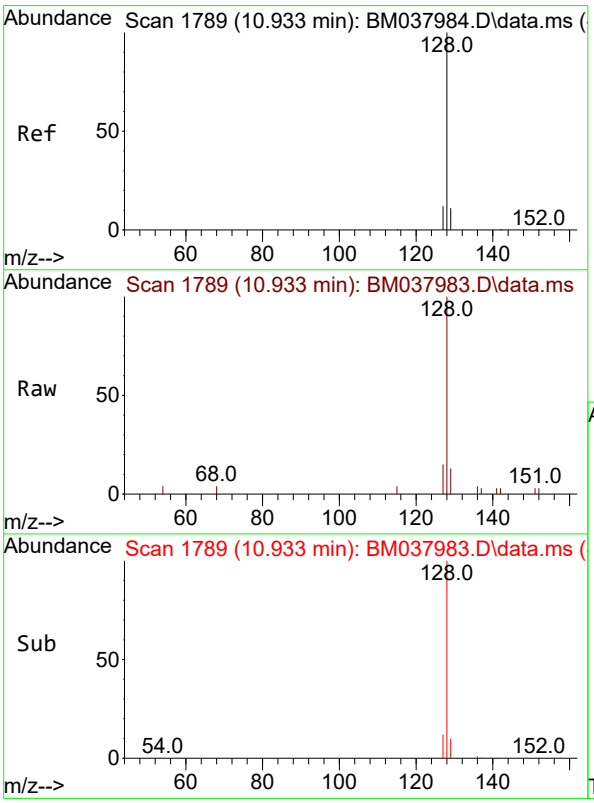
#2
1,4-Dioxane
Concen: 0.222 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion: 88 Resp: 544

Ion	Ratio	Lower	Upper
88	100		
43	39.3	25.5	38.3#
58	29.5	33.8	50.8#

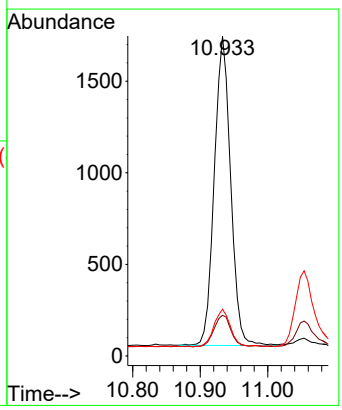


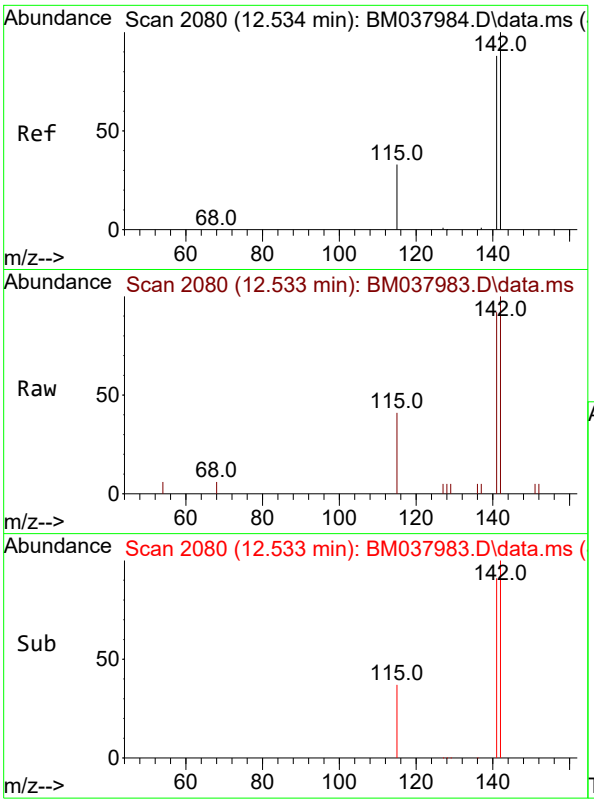


#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:128 Resp: 2836

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.7	14.5
127	14.6	10.8	16.2



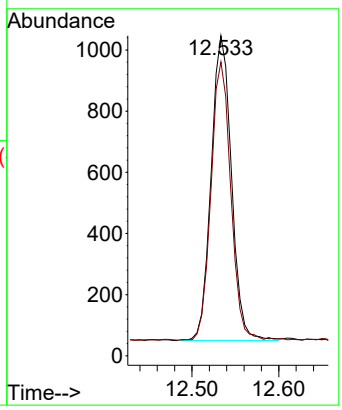


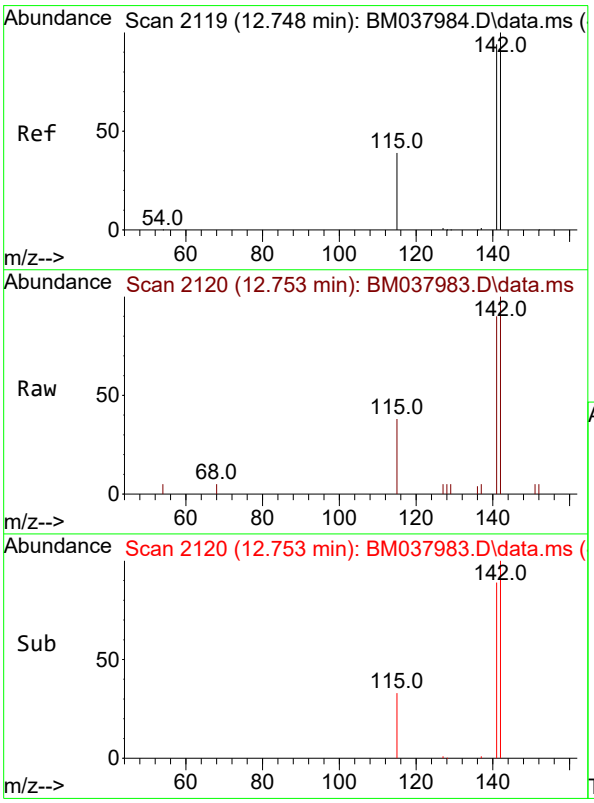
#7
2-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:142 Resp: 1618

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

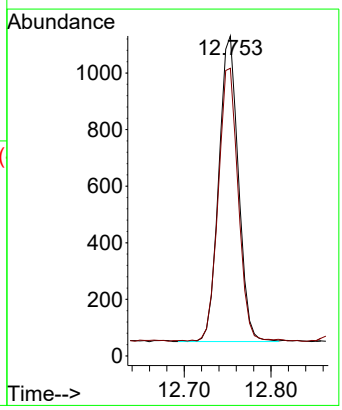


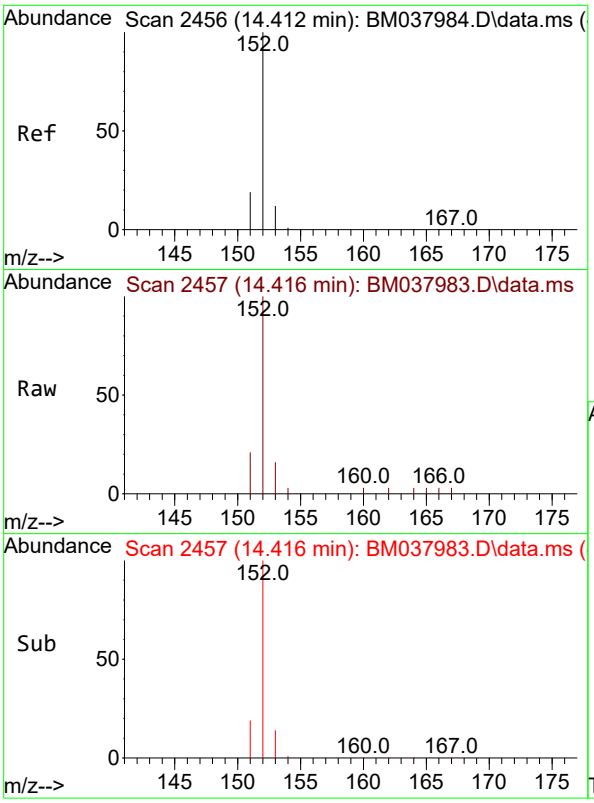


#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.753 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:142 Resp: 1693

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.1	109.7



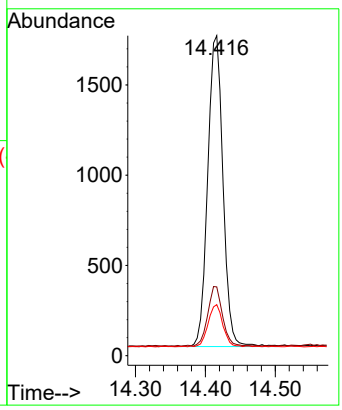


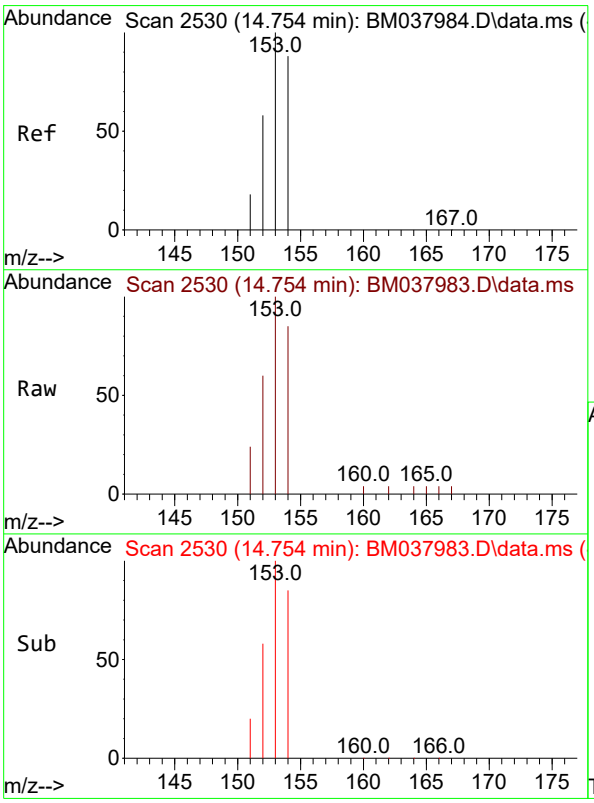
#10
Acenaphthylene
Concen: 0.227 ng/ul
RT: 14.416 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:152 Resp: 2610

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.8	23.8
153	16.0	10.7	16.1

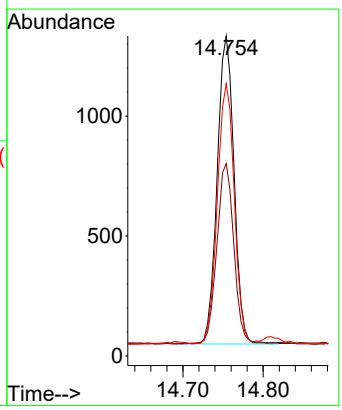


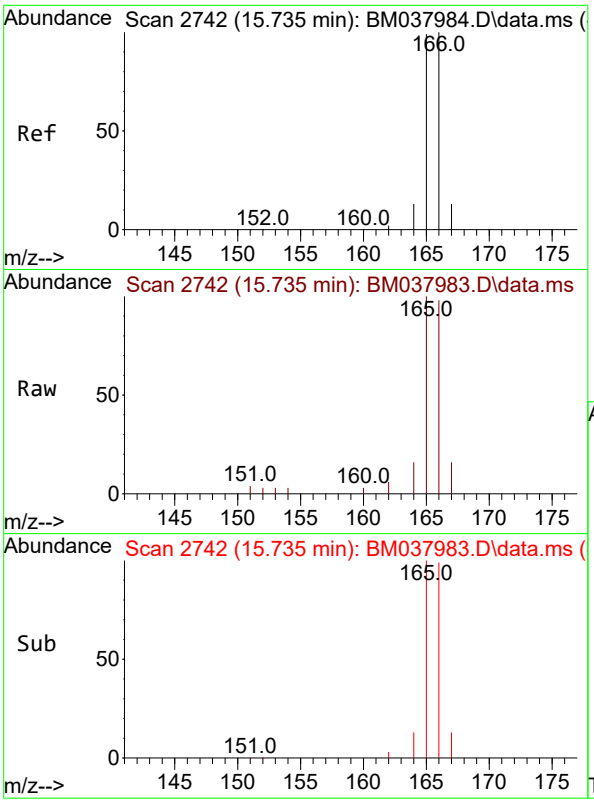


#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:153 Resp: 1875

Ion	Ratio	Lower	Upper
153	100		
152	60.1	47.1	70.7
154	85.1	70.7	106.1



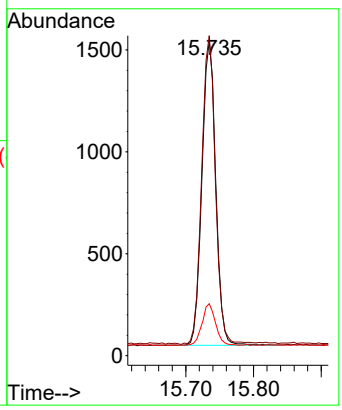


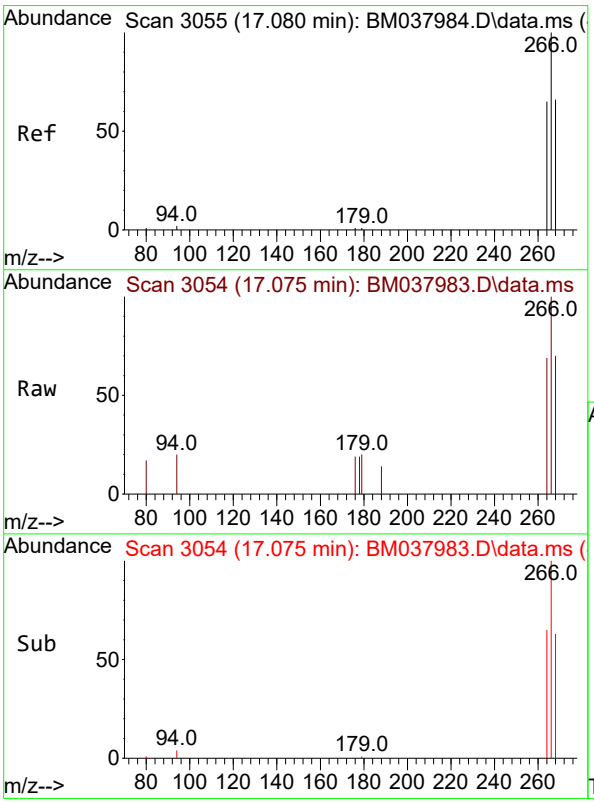
#12
Fluorene
Concen: 0.199 ng/ul
RT: 15.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:166 Resp: 2110

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.6
167	16.5	11.7	17.5

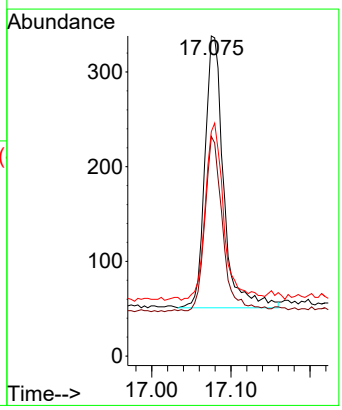


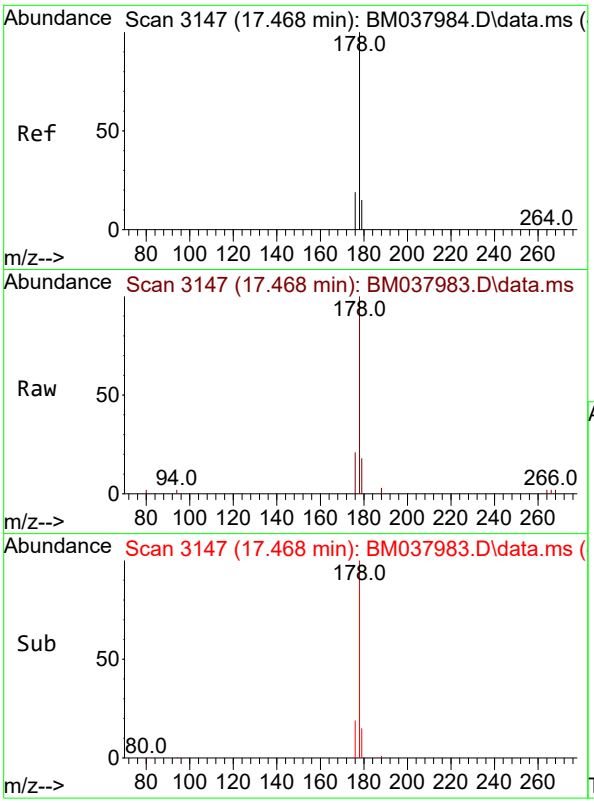


#14
Pentachlorophenol
Concen: 0.277 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.005 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:266 Resp: 469

Ion	Ratio	Lower	Upper
266	100		
264	60.1	50.9	76.3
268	64.4	50.4	75.6



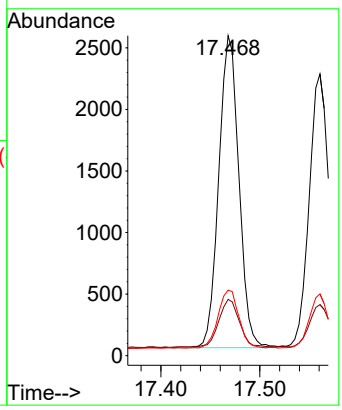


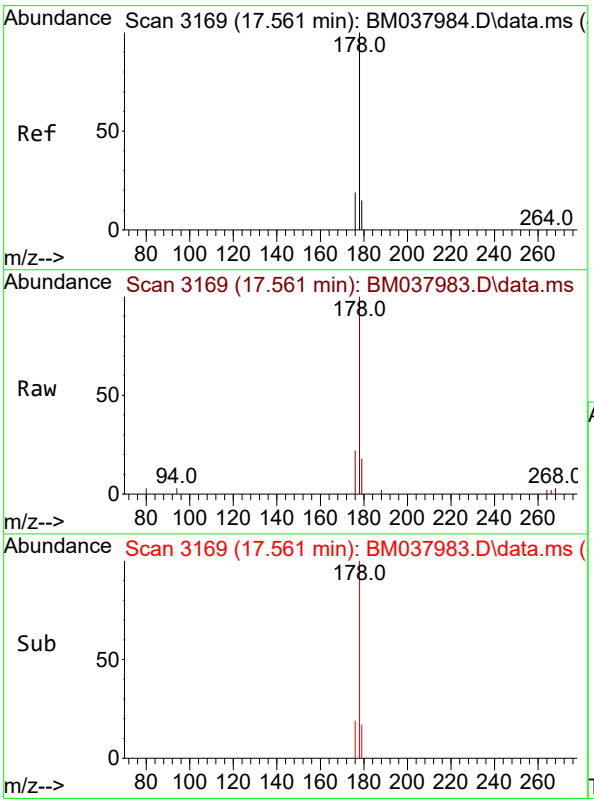
#15
Phenanthrene
Concen: 0.191 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:178 Resp: 3572

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.7	19.1
176	20.5	16.2	24.2

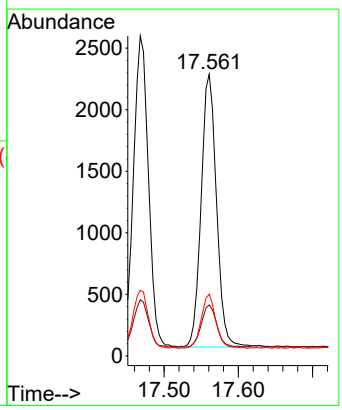


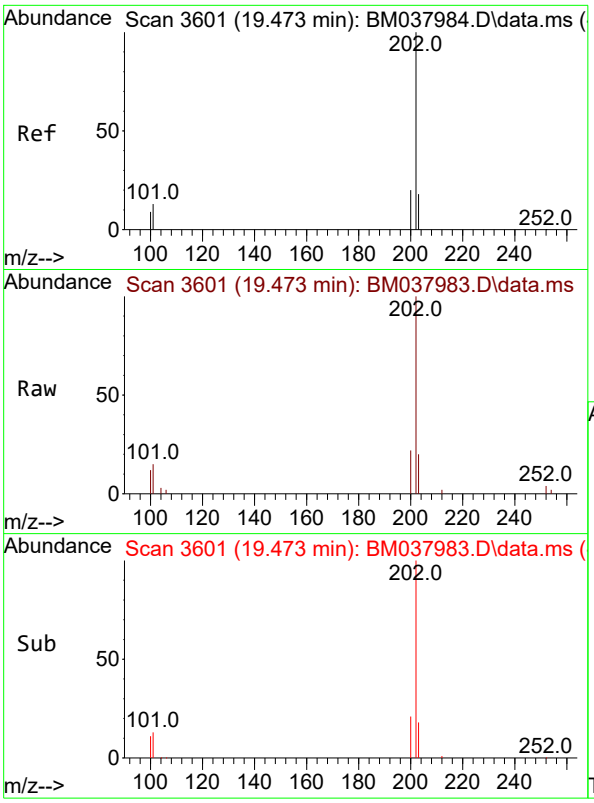


#16
Anthracene
Concen: 0.191 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:178 Resp: 3183

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.4	20.0
176	21.9	15.8	23.6



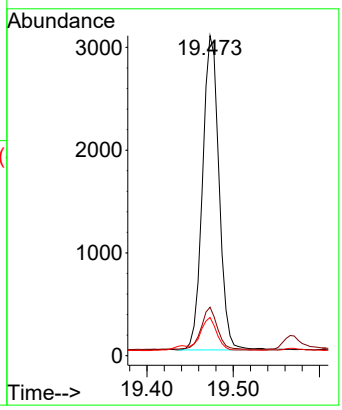


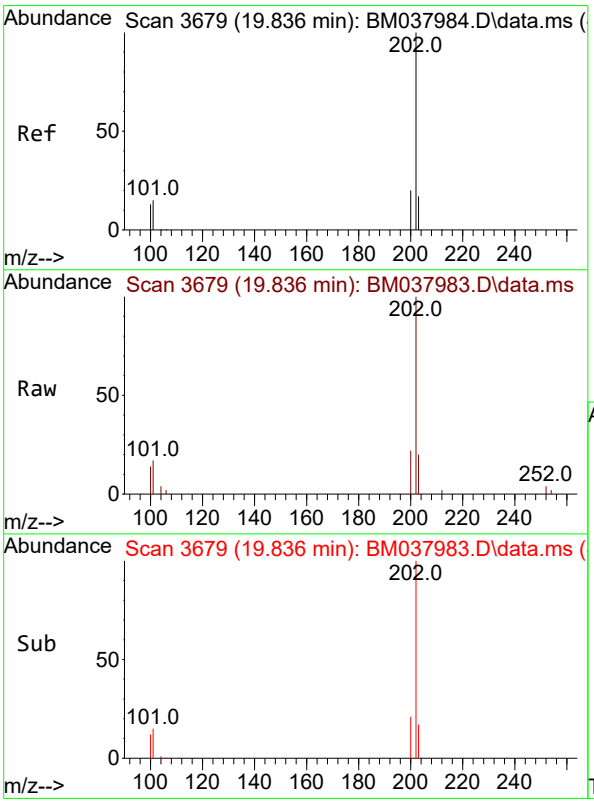
#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:202 Resp: 4060

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	12.0	8.5	12.7

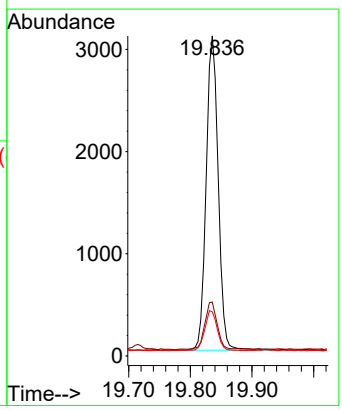


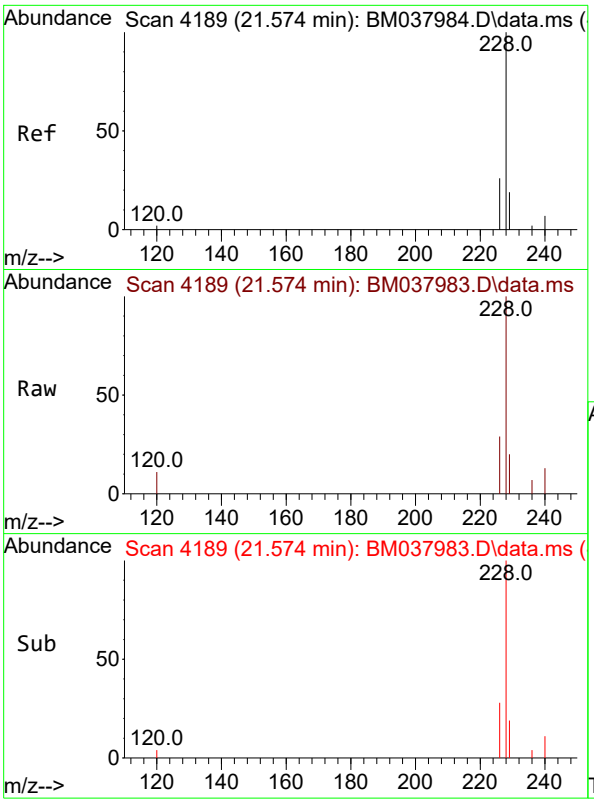


#20
Pyrene
Concen: 0.185 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:202 Resp: 4158

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.6	19.0
100	13.8	10.6	15.8



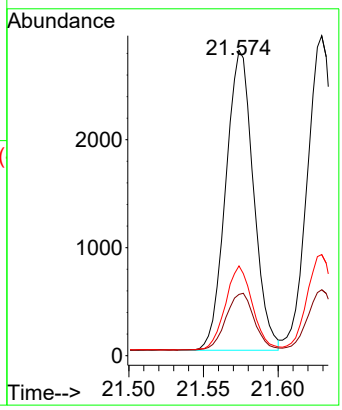


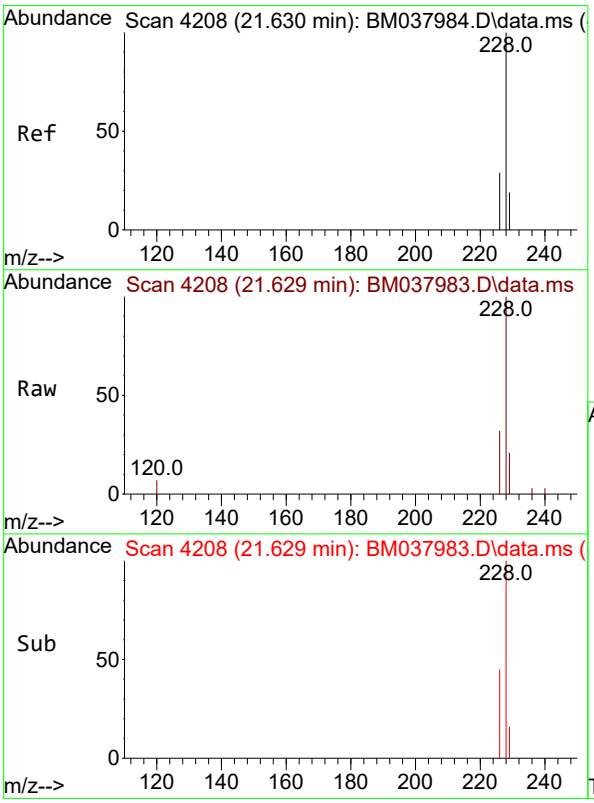
#21
Benzo(a)anthracene
Concen: 0.191 ng/ul
RT: 21.574 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:228 Resp: 3578

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	29.4	21.0	31.4

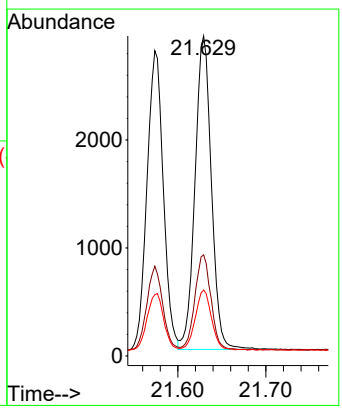


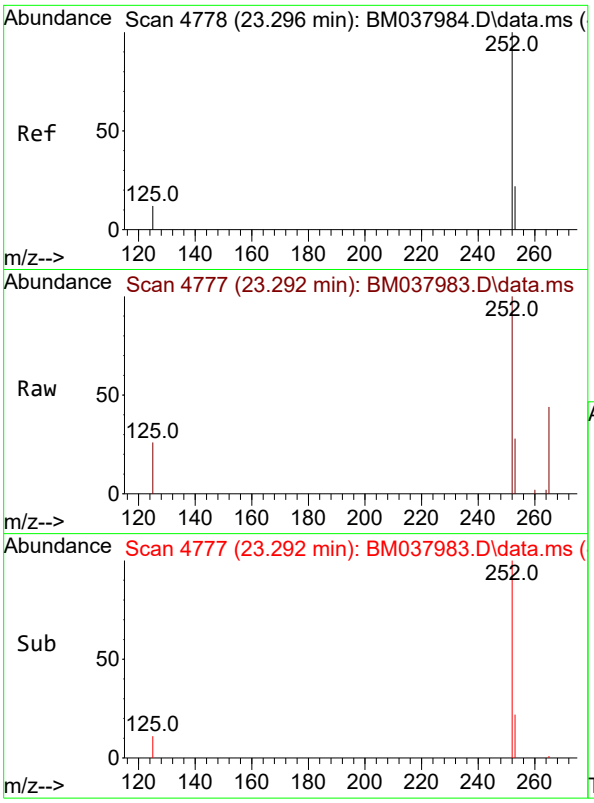


#22
Chrysene
Concen: 0.199 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:228 Resp: 3762

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.7	35.5
229	20.6	15.8	23.8



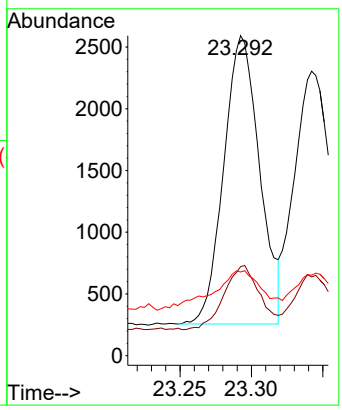


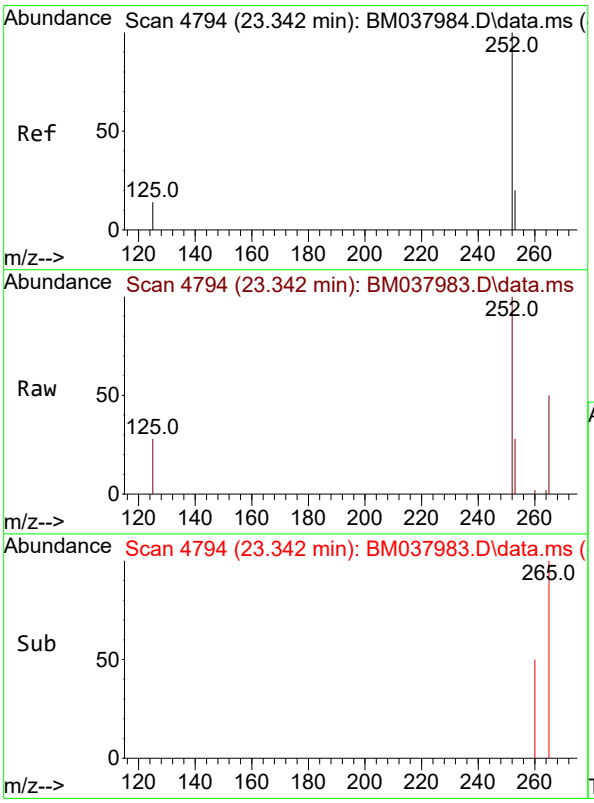
#24
Benzo(b)fluoranthene
Concen: 0.222 ng/ul
RT: 23.292 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:252 Resp: 4082

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	49.6
125	26.2	0.0	39.6

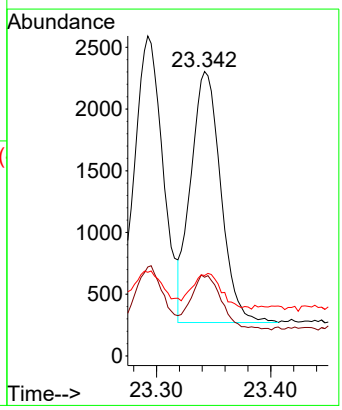


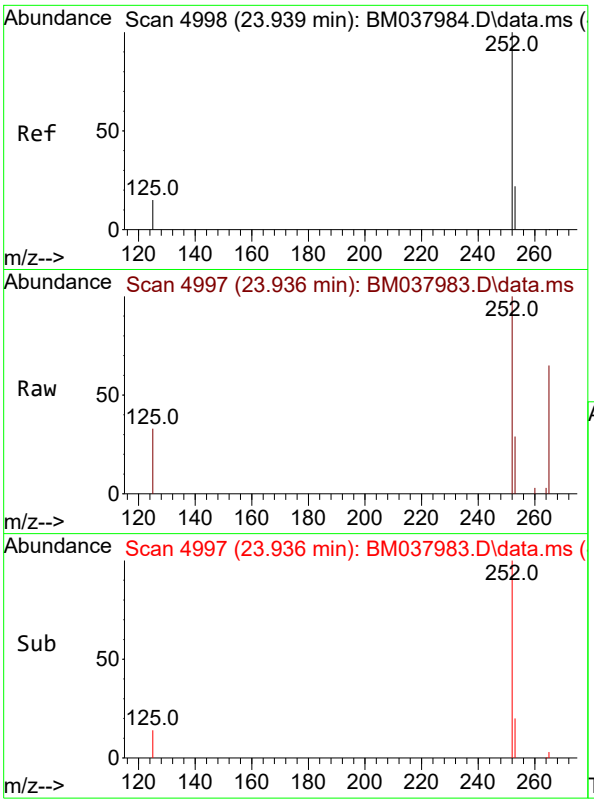


#25
Benzo(k)fluoranthene
Concen: 0.210 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:252 Resp: 3718

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.4	29.0
125	28.3	16.7	25.1#



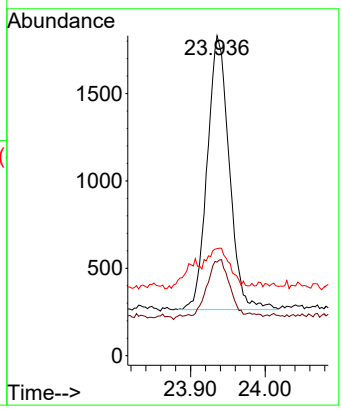


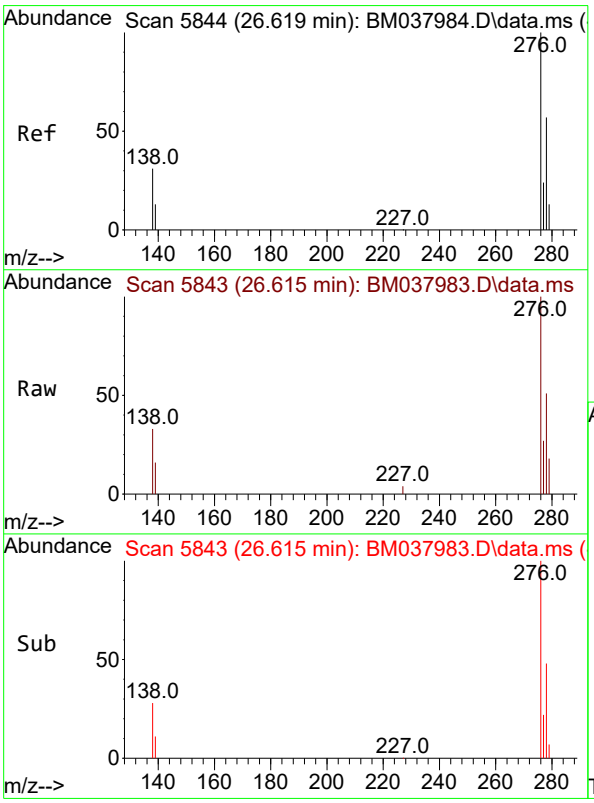
#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.936 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:252 Resp: 3208

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.7	32.5
125	33.4	20.4	30.6#

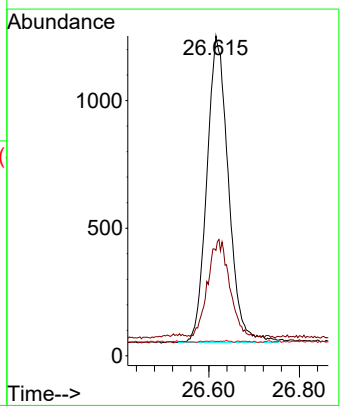


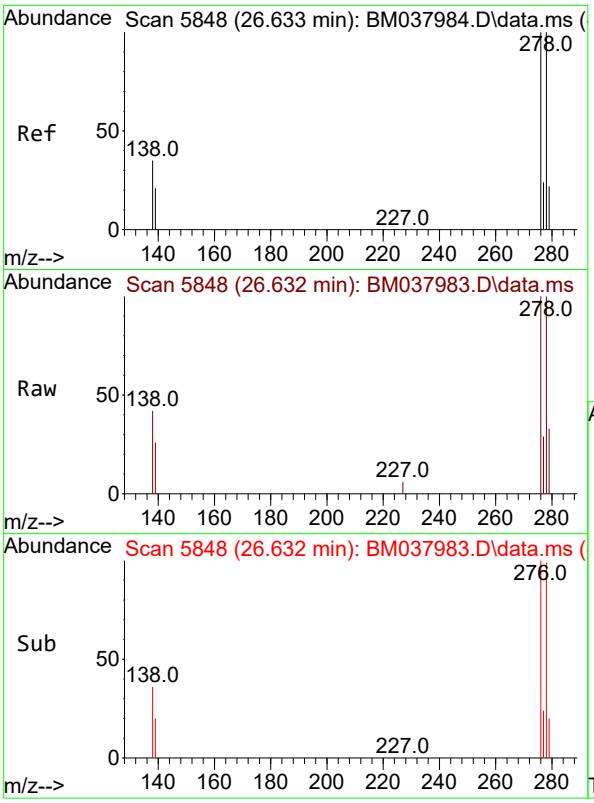


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.004 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:276 Resp: 3968

Ion	Ratio	Lower	Upper
276	100		
138	32.7	0.0	0.0#
227	0.1	0.1	0.1



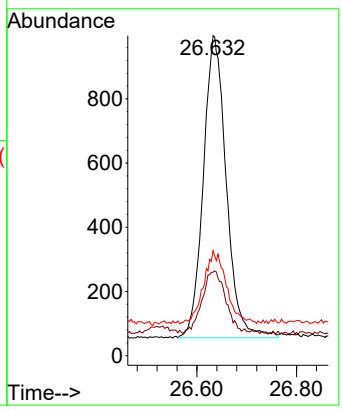


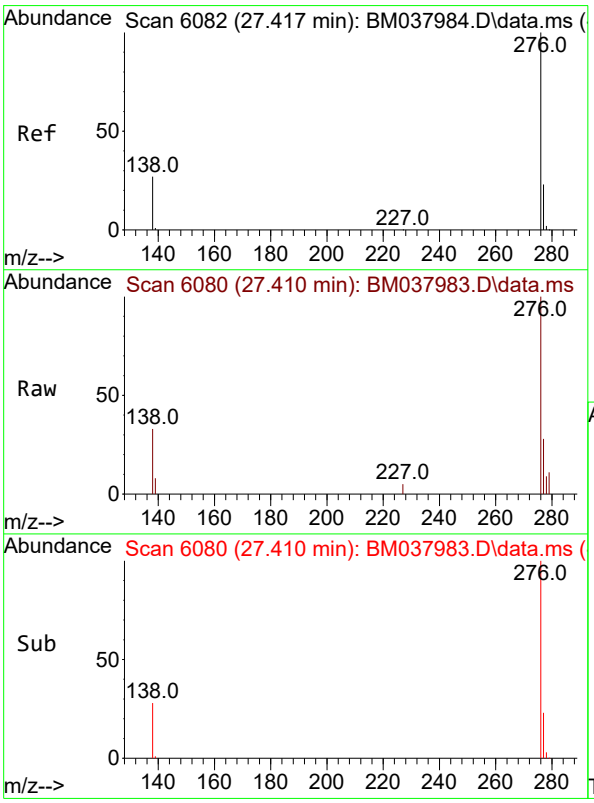
#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.632 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 3009

Ion	Ratio	Lower	Upper
278	100		
139	26.1	19.4	29.0
279	32.8	21.2	31.8#





#29
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM037983.D
Acq: 13 Dec 2022 13:56

Tgt Ion:276 Resp: 3305

Ion	Ratio	Lower	Upper
276	100		
138	33.3	23.5	35.3
277	27.7	20.0	30.0