Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041713.D
Acq On : 08 Sep 2023 02:28
Operator : MA/JU
Sample : PB155142BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS142

Quant Time: Sep 08 03:52:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	22930	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.638	164	10877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	21855	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	8545	0.400	ng/ul	-0.02
23) Perylene-d12	23.982	264	8016	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7946	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	11341	0.384	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	15689	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	18811	1.286	ng/ul	90
5) Naphthalene	10.867	128	24054	0.319	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	14744	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	15684	0.365	ng/ul	100
10) Acenaphthylene	14.365	152	21845	0.325	ng/ul	99
11) Acenaphthene	14.703	153	16825	0.322	ng/ul	98
12) Fluorene	15.688	166	19372	0.330	ng/ul	99
14) Pentachlorophenol	17.012	266	4824	0.552	ng/ul	99
15) Phenanthrene	17.430	178	30474	0.330	ng/ul	99
16) Anthracene	17.523	178	26780	0.339	ng/ul	99
19) Fluoranthene	19.436	202	32476	0.322	ng/ul	99
20) Pyrene	19.803	202	33005	0.329	ng/ul	99
21) Benzo(a)anthracene	21.539	228	22028	0.316	ng/ul	99
22) Chrysene	21.591	228	21896	0.291	ng/ul	99
24) Benzo(b)fluoranthene	23.234	252	20367	0.284	ng/ul	100
25) Benzo(k)fluoranthene	23.284	252	19245	0.274	ng/ul	99
26) Benzo(a)pyrene	23.874	252	16403	0.281	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.505	276	20588	0.257	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.522	278	14704	0.262	ng/ul	98
29) Benzo(g,h,i)perylene	27.286	276	17333	0.245	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041713.D
Acq On : 08 Sep 2023 02:28
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Misc :
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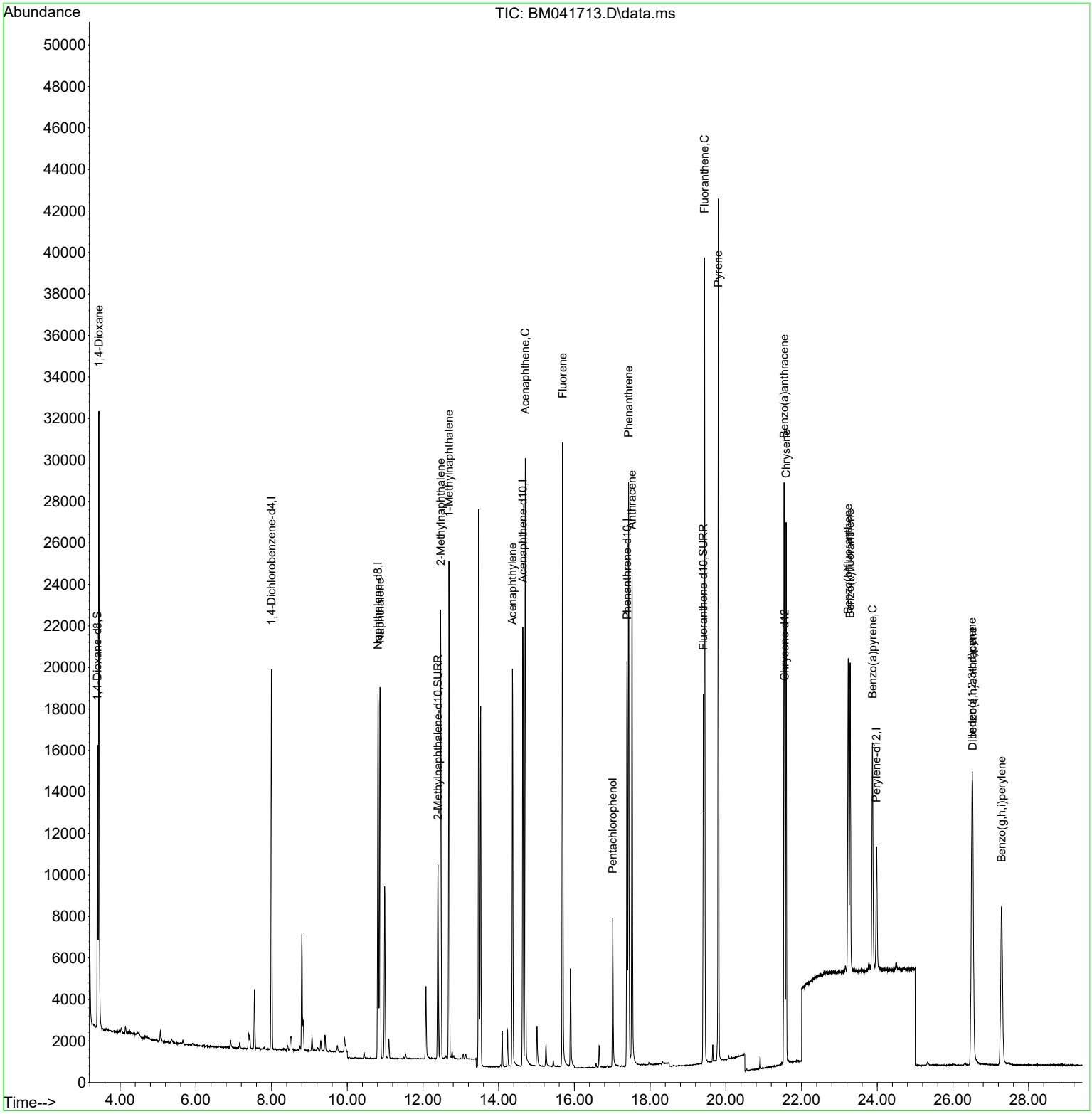
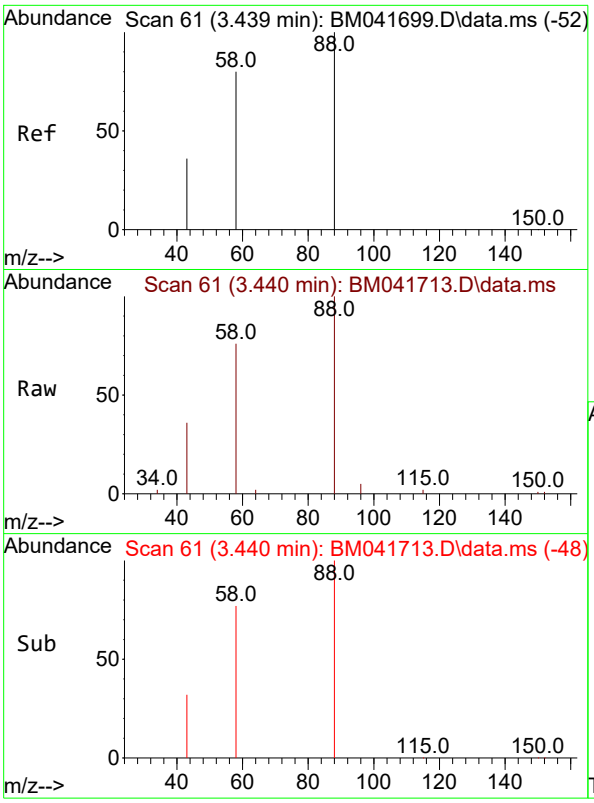
Quant Time: Sep 08 03:52:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



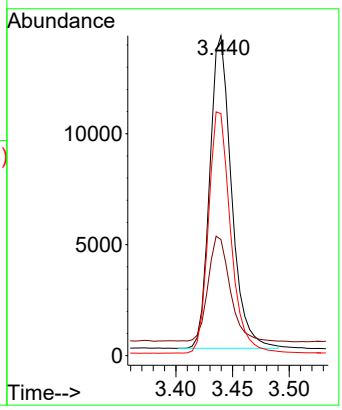


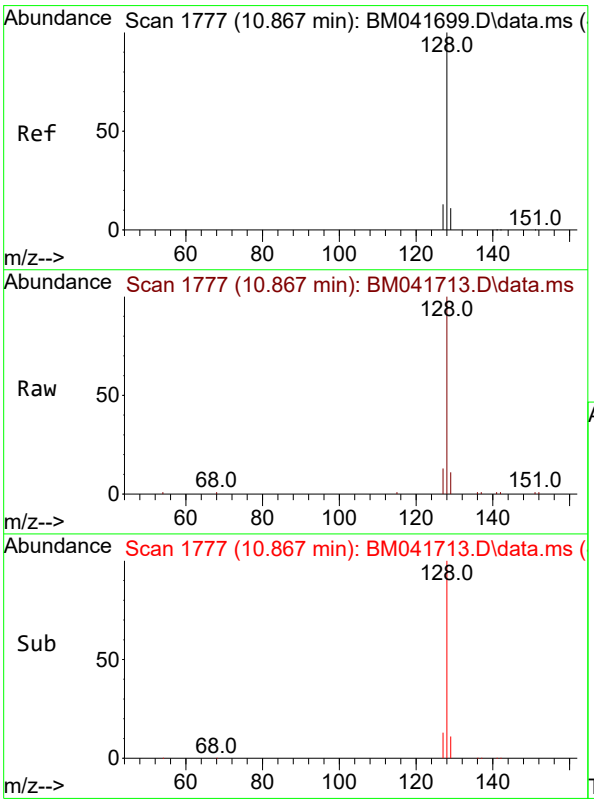
#2
1,4-Dioxane
Concen: 1.286 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion: 88 Resp: 18811

Ion	Ratio	Lower	Upper
88	100		
43	36.3	33.8	50.6
58	75.6	54.2	81.2

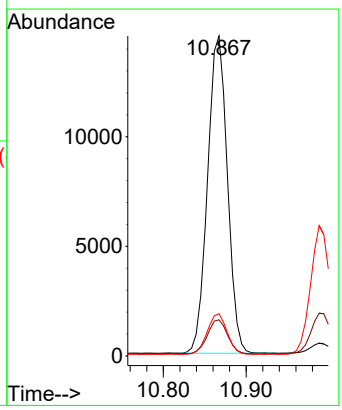


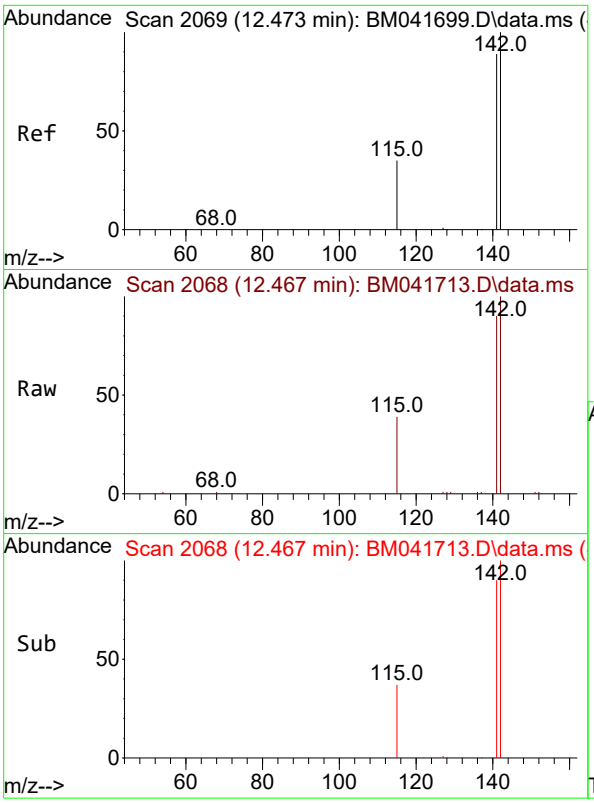


#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:128 Resp: 24054

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.2	11.0	16.6



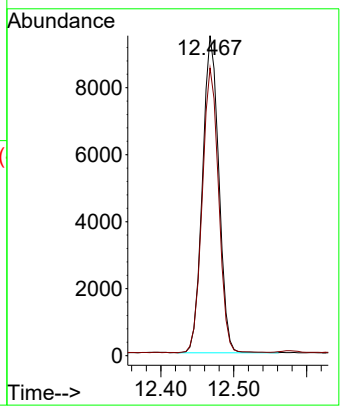


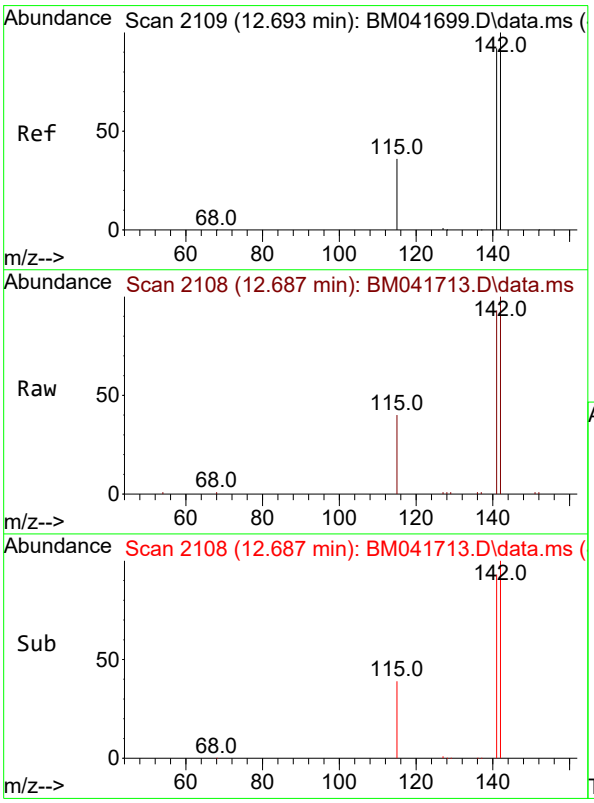
#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:142 Resp: 14744

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2

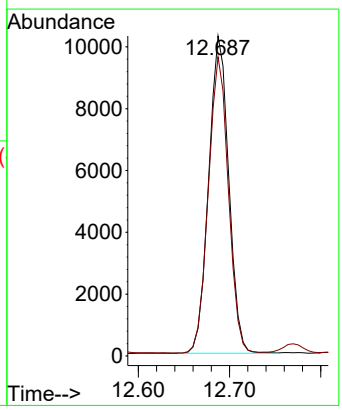


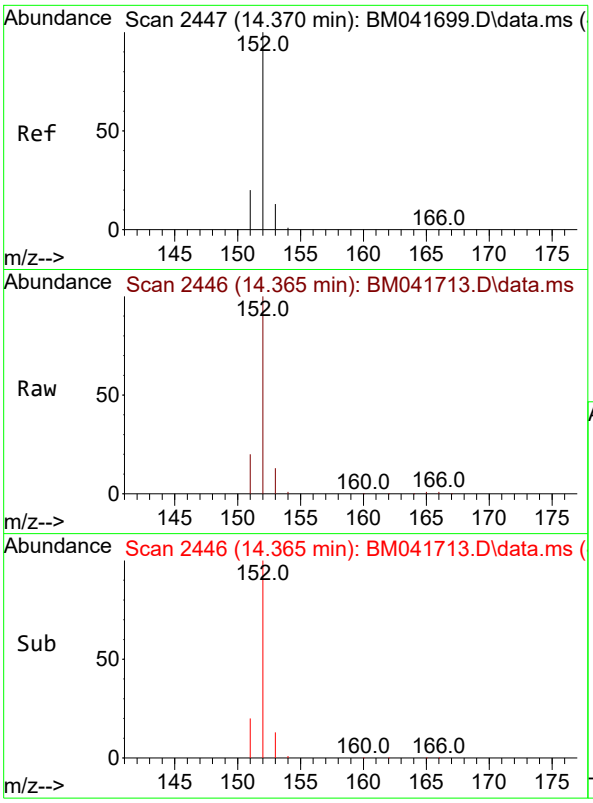


#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:142 Resp: 15684

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.4	111.6



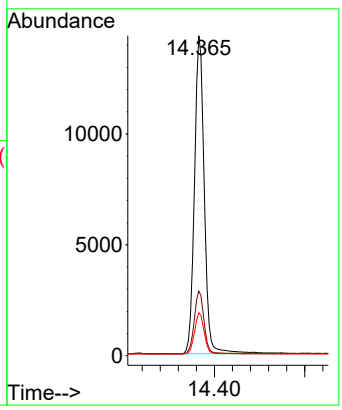


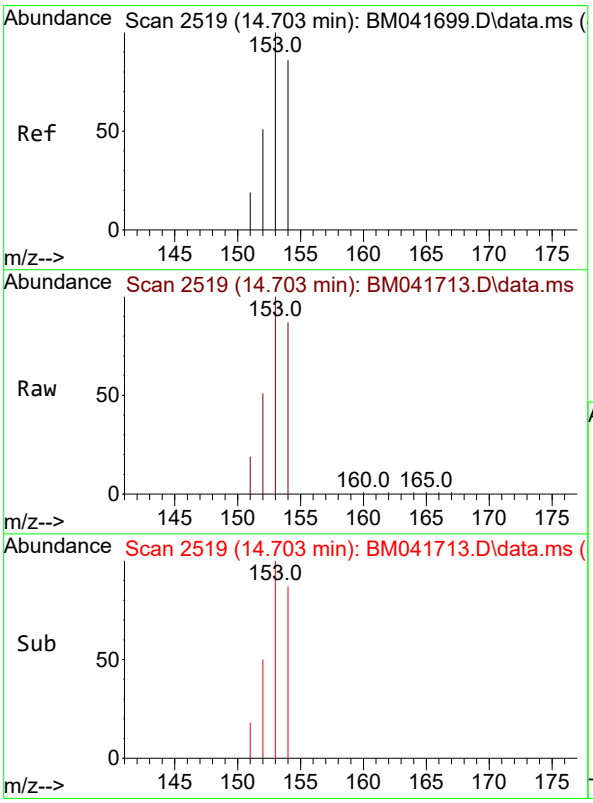
#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.365 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:152 Resp: 21845

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.4	11.1	16.7

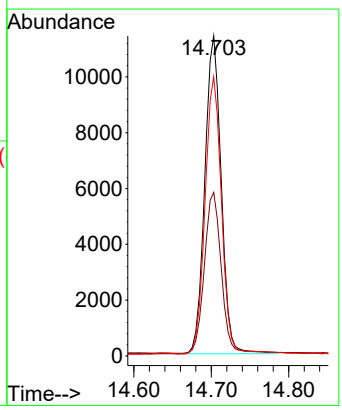


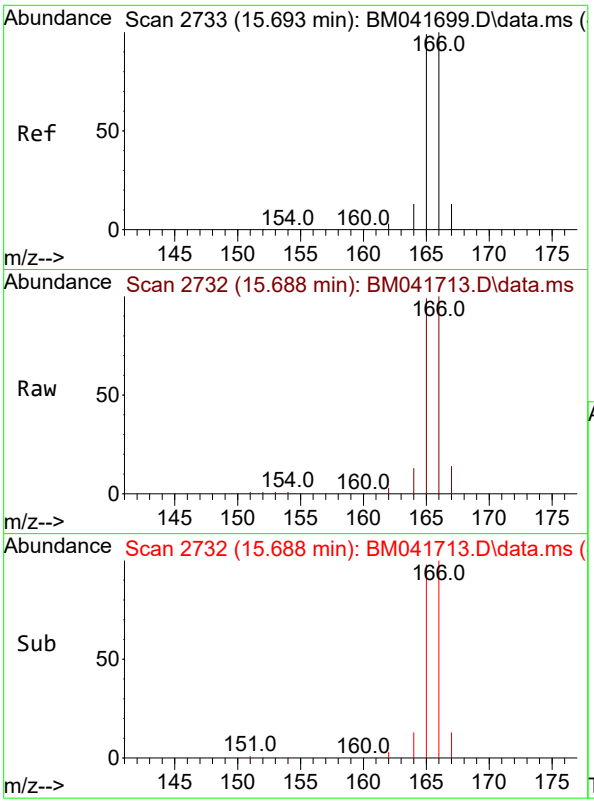


#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:153 Resp: 16825

Ion	Ratio	Lower	Upper
153	100		
152	51.1	43.4	65.2
154	87.2	69.4	104.0



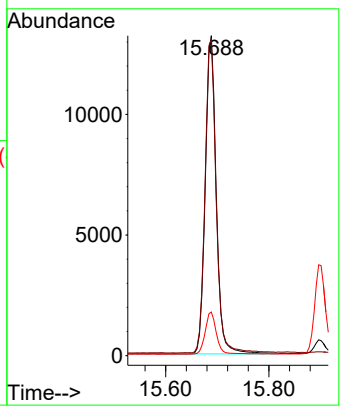


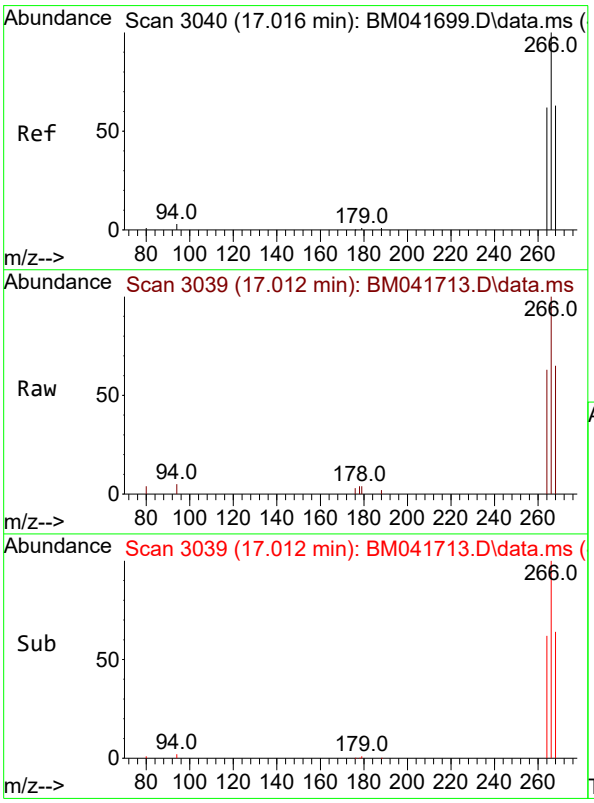
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.688 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:166 Resp: 19372

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.2
167	13.7	11.3	16.9

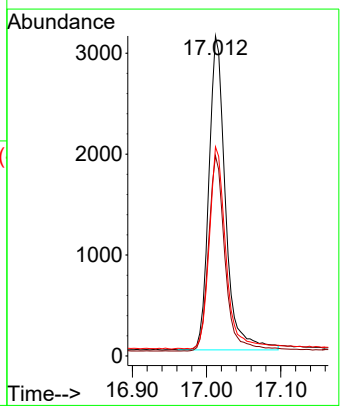


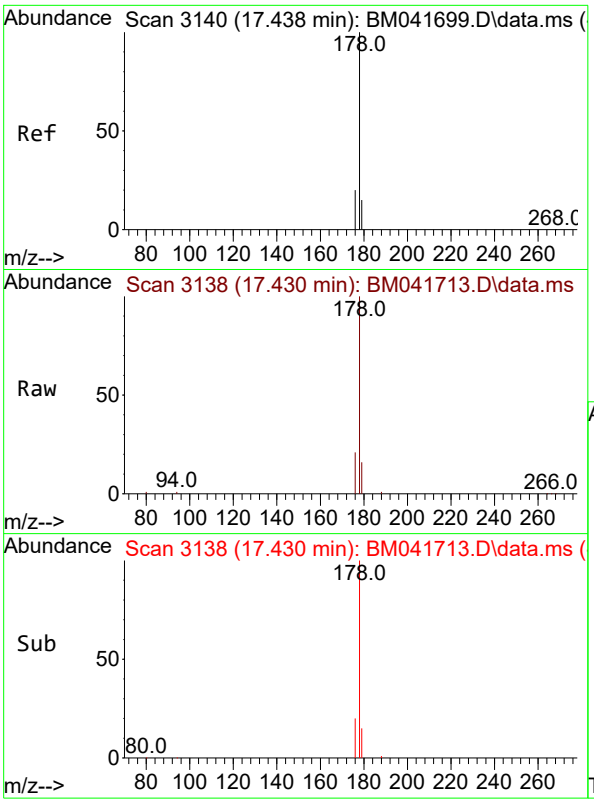


#14
Pentachlorophenol
Concen: 0.552 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.013 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:266 Resp: 4824

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.0	75.0
268	65.0	50.8	76.2



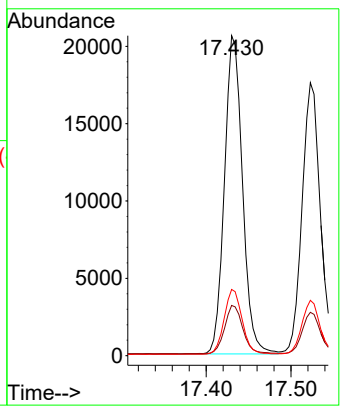


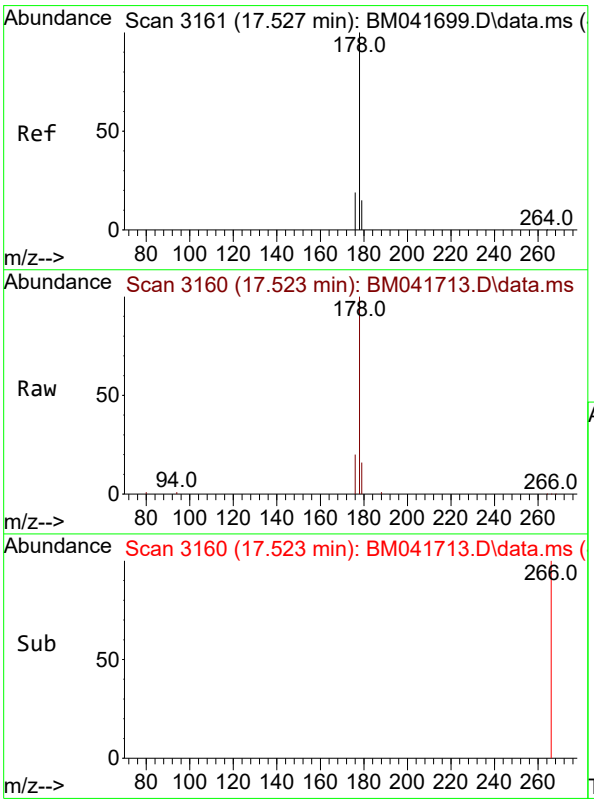
#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.430 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:178 Resp: 30474

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	20.7	16.9	25.3

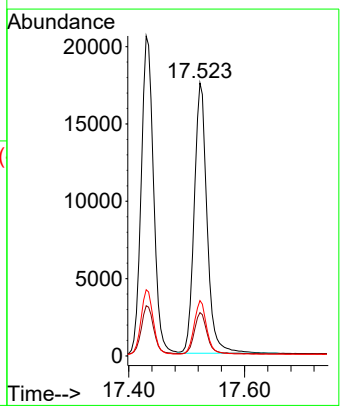


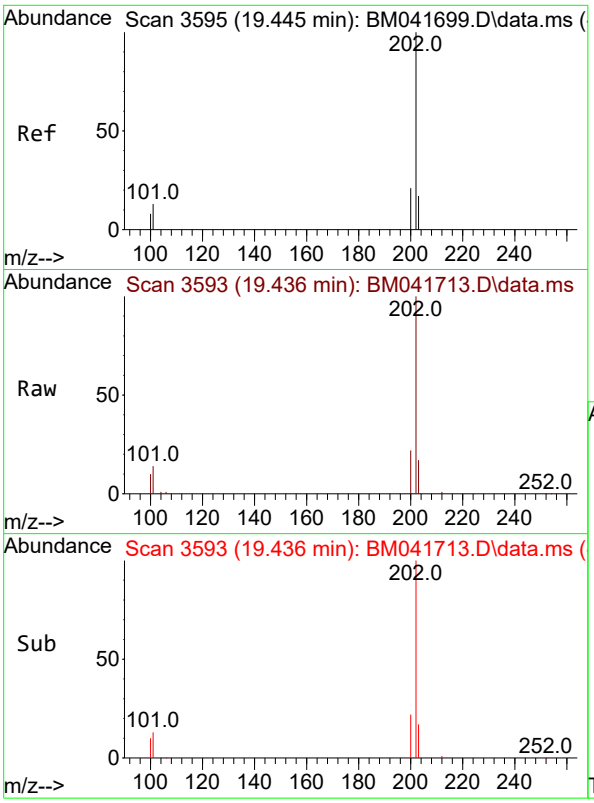


#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:178 Resp: 26780

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.3	15.8	23.8



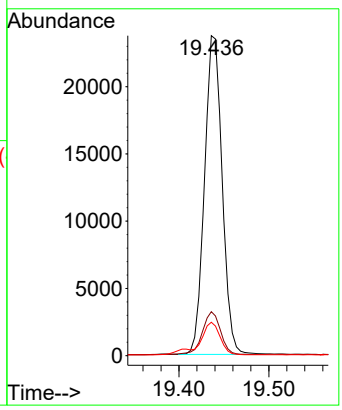


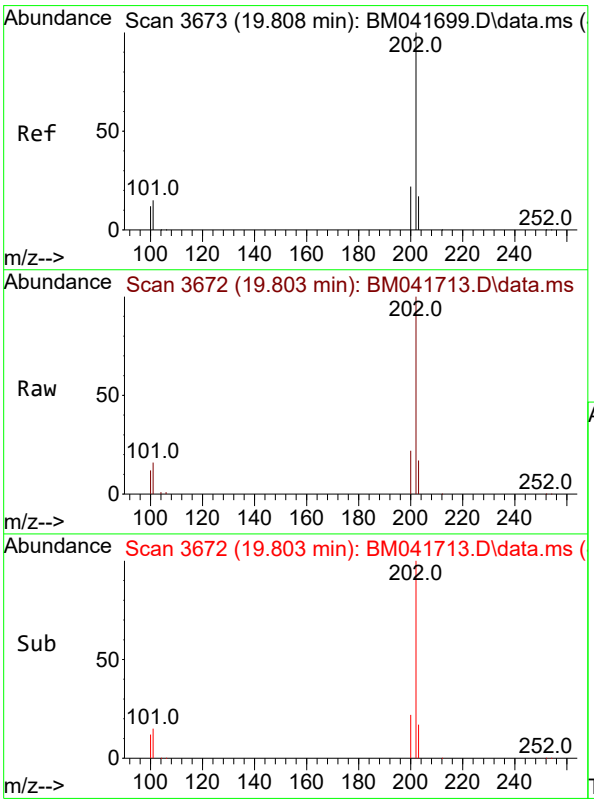
#19
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:202 Resp: 32476

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.5	15.7
100	10.4	8.4	12.6

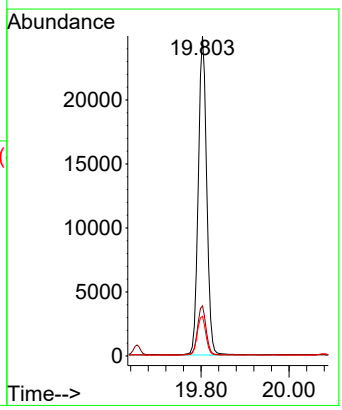


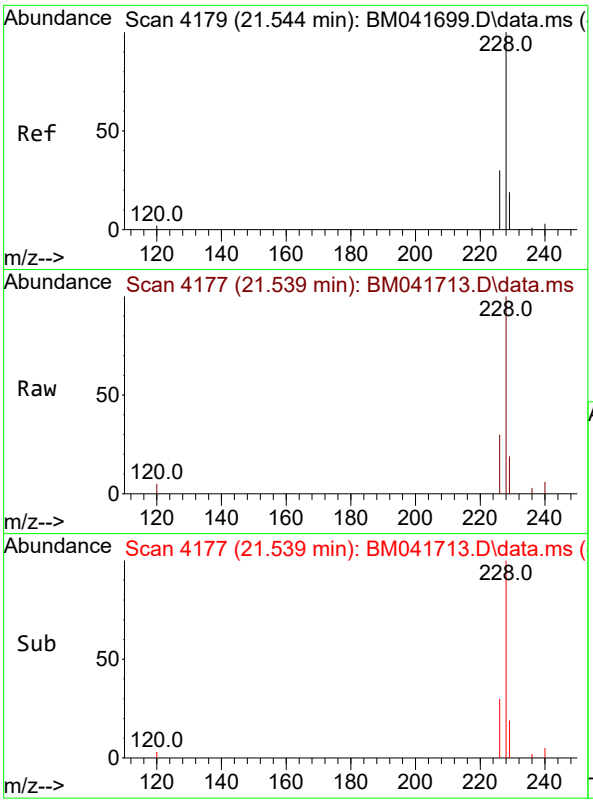


#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:202 Resp: 33005

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.8	17.8
100	12.4	9.8	14.6



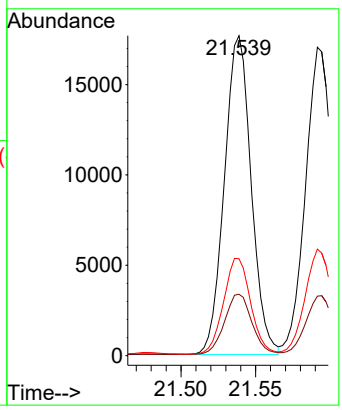


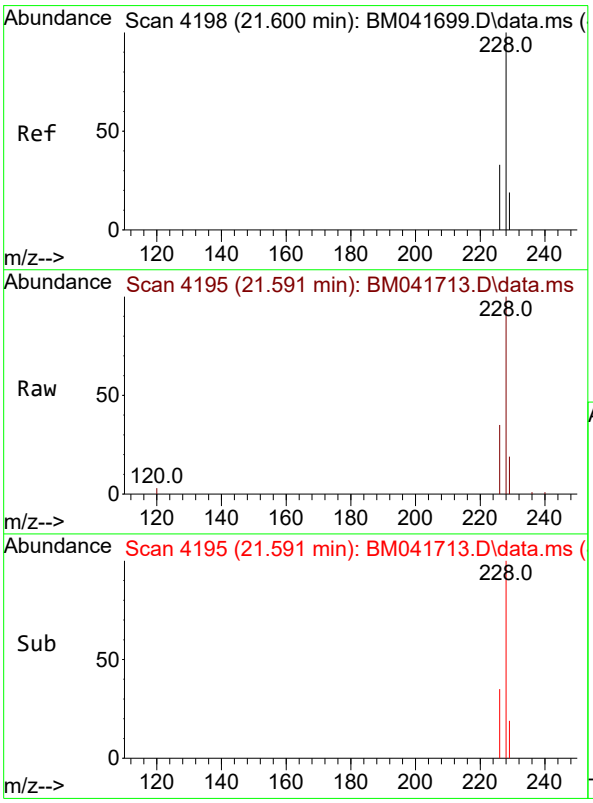
#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:228 Resp: 22028

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.6
226	30.3	24.8	37.2

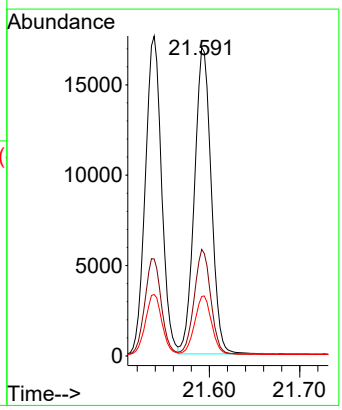


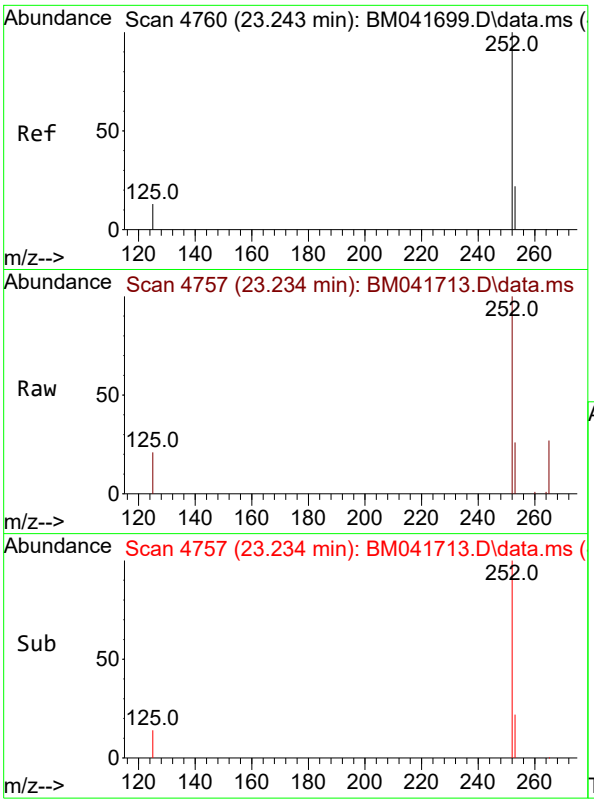


#22
Chrysene
Concen: 0.291 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.018 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:228 Resp: 21896

Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.0	40.6
229	19.3	15.4	23.2



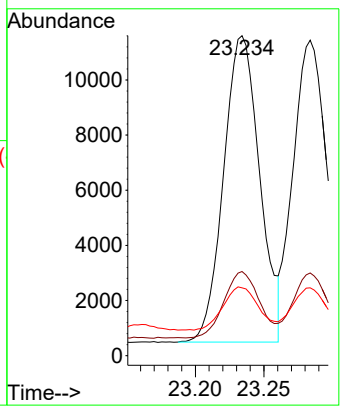


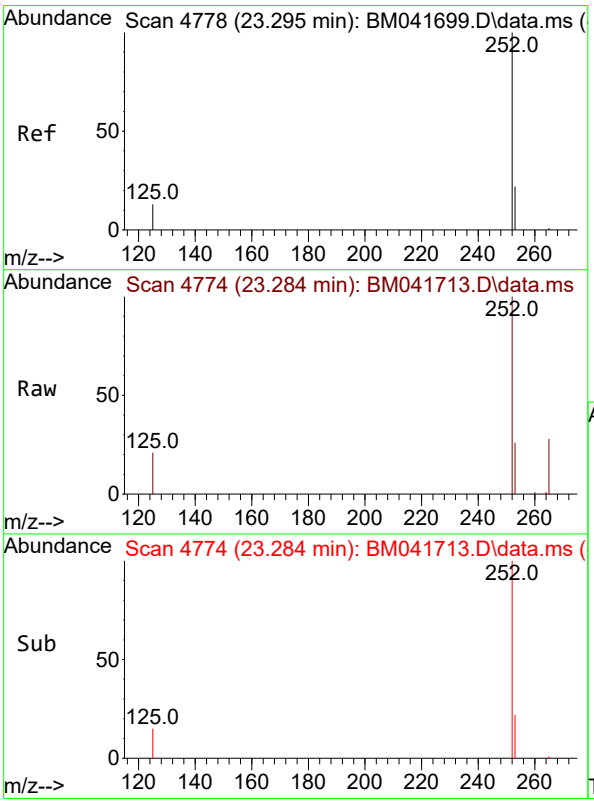
#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:252 Resp: 20367

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.4
125	21.2	0.0	42.8

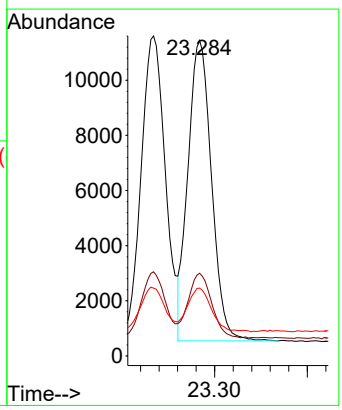


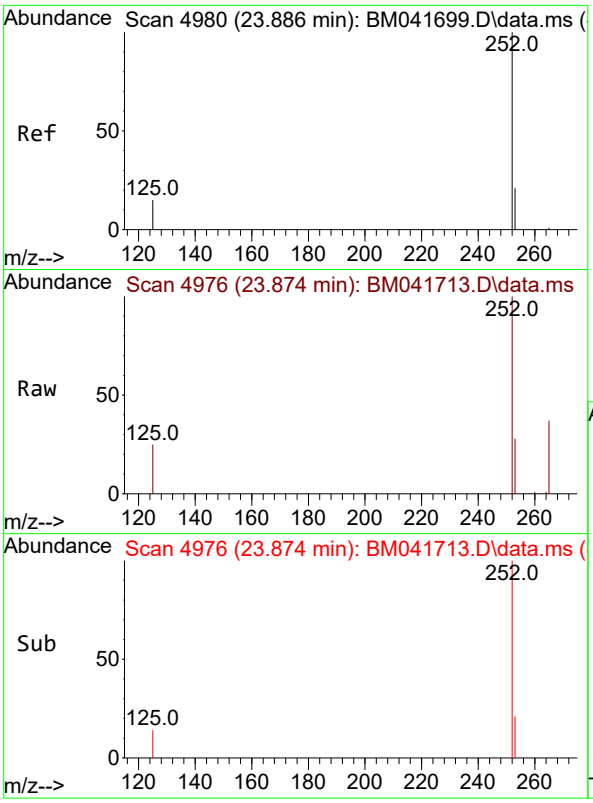


#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.020 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:252 Resp: 19245

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	21.5	17.4	26.0



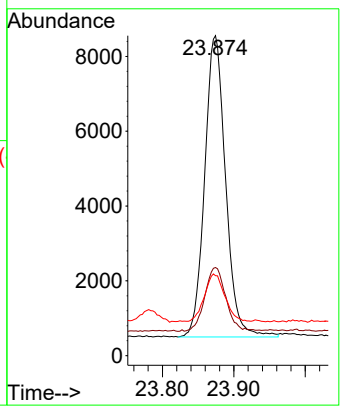


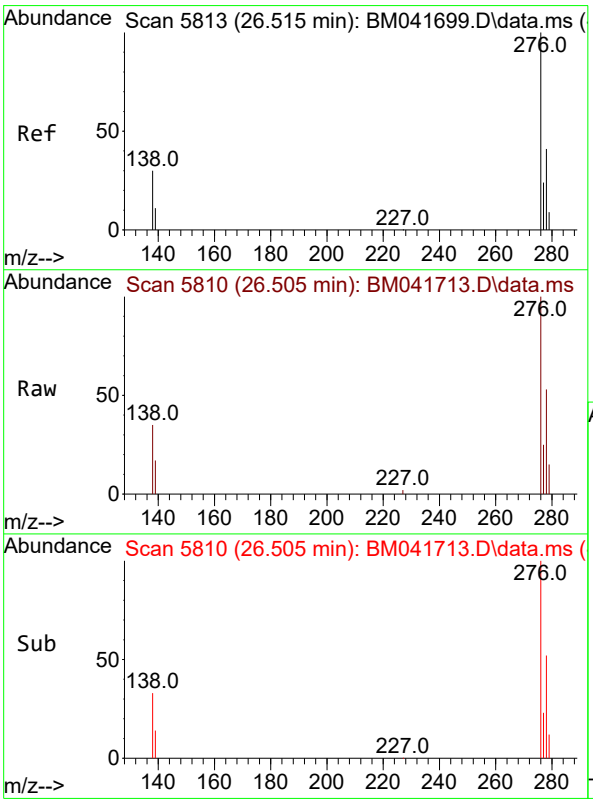
#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.874 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:252 Resp: 16403

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.4	33.6
125	25.0	21.0	31.4

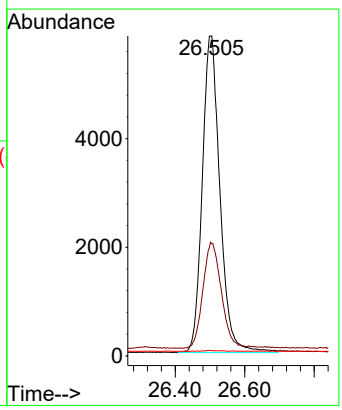


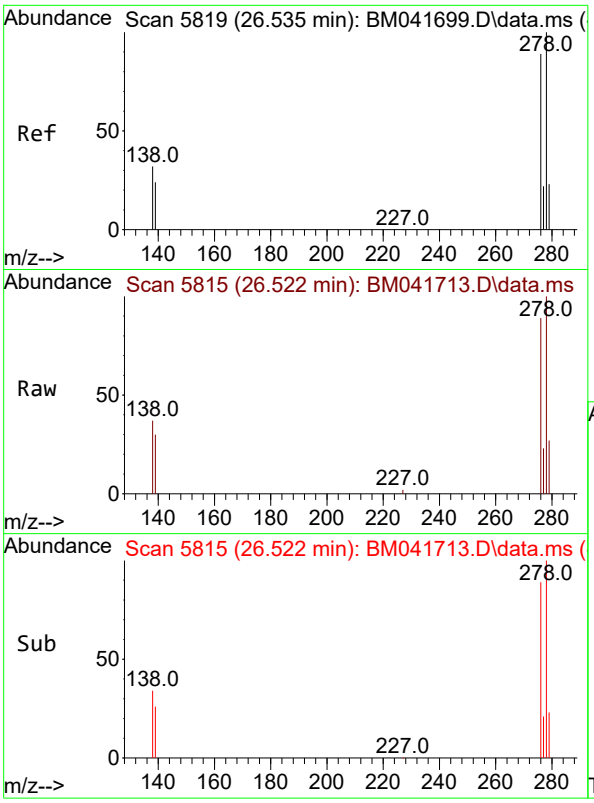


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng/ul
RT: 26.505 min Scan# 5810
Delta R.T. -0.027 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:276 Resp: 20588

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.4	39.6#
227	0.0	0.1	0.1#



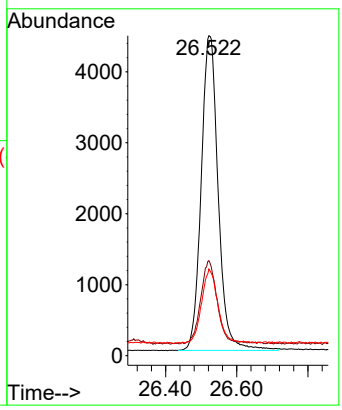


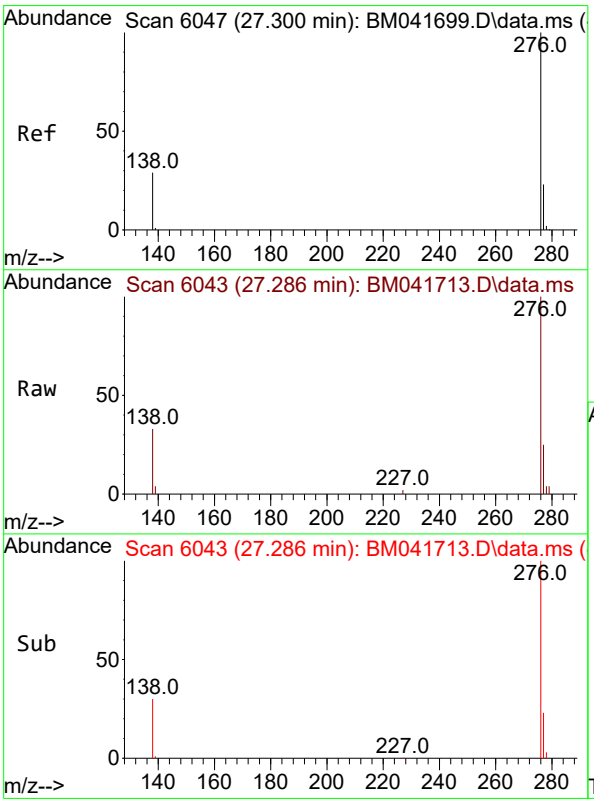
#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:278 Resp: 14704

Ion	Ratio	Lower	Upper
278	100		
139	29.7	23.0	34.6
279	27.1	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 27.286 min Scan# 6043
Delta R.T. -0.030 min
Lab File: BM041713.D
Acq: 08 Sep 2023 02:28

Tgt Ion:276 Resp: 17333

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.4
277	24.7	20.2	30.2