Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042019.D
Acq On : 23 Sep 2023 11:13
Operator : MA/JU
Sample : PB155517BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS517

Quant Time: Sep 25 01:04:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	13058	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10680	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	4717	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5967	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6854	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8705	0.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	14355	1.759	ng/ul#	87
5) Naphthalene	10.818	128	16311	0.373	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	9560	0.367	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	10176	0.384	ng/ul	100
10) Acenaphthylene	14.324	152	13875	0.366	ng/ul	100
11) Acenaphthene	14.661	153	10736	0.369	ng/ul	99
12) Fluorene	15.647	166	11822	0.361	ng/ul	100
14) Pentachlorophenol	16.978	266	3842	0.680	ng/ul	99
15) Phenanthrene	17.392	178	18088	0.365	ng/ul	99
16) Anthracene	17.485	178	15990	0.374	ng/ul	100
19) Fluoranthene	19.399	202	19606	0.368	ng/ul	97
20) Pyrene	19.766	202	20175	0.385	ng/ul	99
21) Benzo(a)anthracene	21.504	228	13639	0.381	ng/ul	99
22) Chrysene	21.559	228	14080	0.381	ng/ul	99
24) Benzo(b)fluoranthene	23.187	252	14202	0.375	ng/ul	97
25) Benzo(k)fluoranthene	23.237	252	13998	0.380	ng/ul	97
26) Benzo(a)pyrene	23.822	252	12053	0.387	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	16821	0.393	ng/ul	99
28) Dibenzo(a,h)anthracene	26.441	278	12000	0.388	ng/ul	98
29) Benzo(g,h,i)perylene	27.199	276	14448	0.402	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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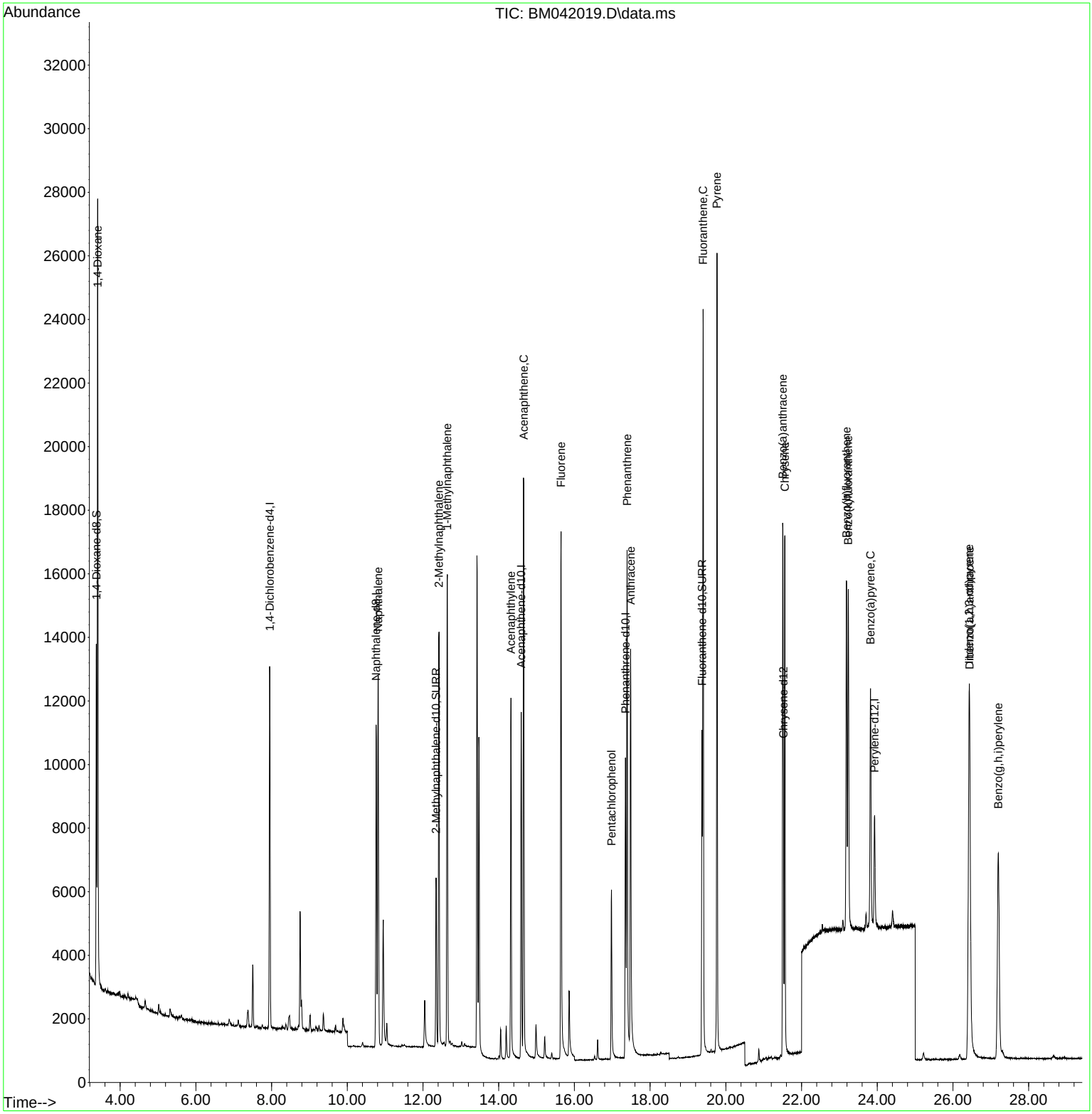
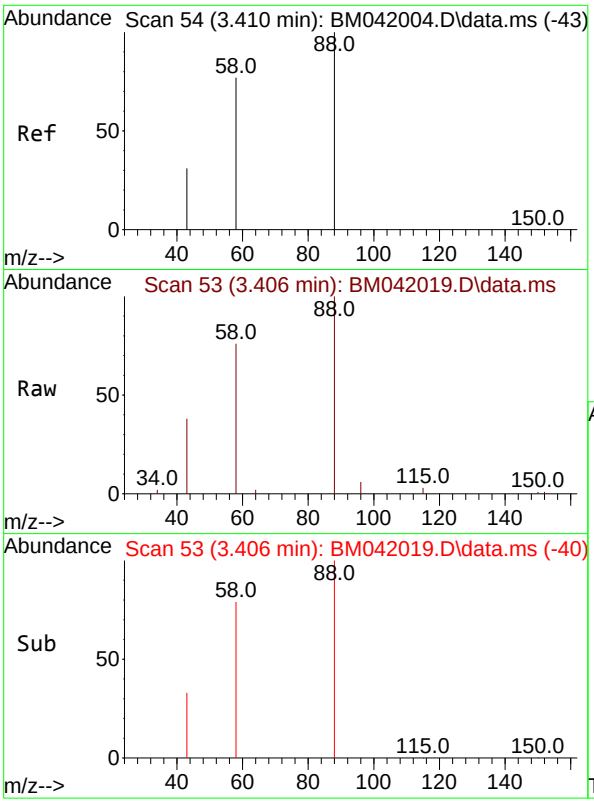


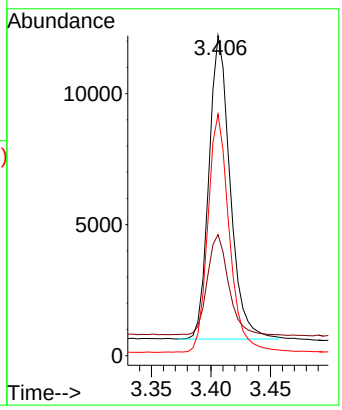


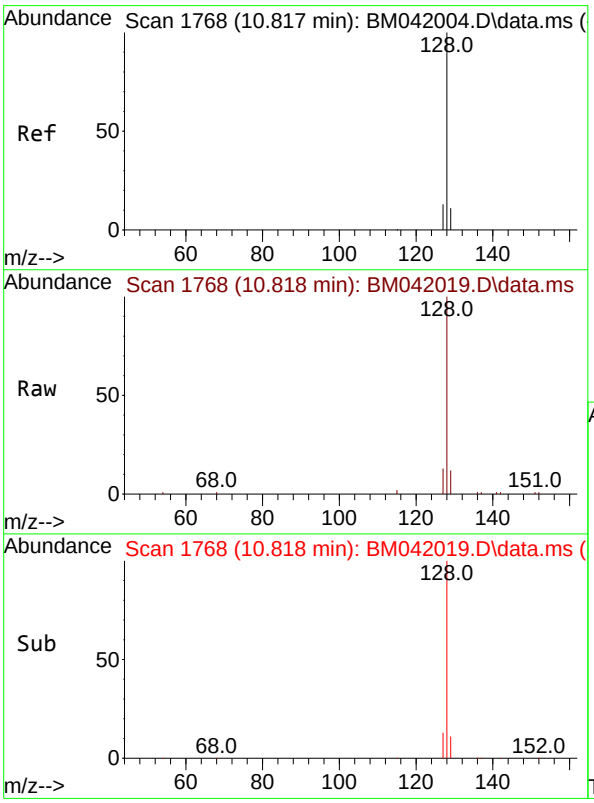
#2
1,4-Dioxane
Concen: 1.759 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion: 88 Resp: 14355

Ion	Ratio	Lower	Upper
88	100		
43	37.9	42.9	64.3#
58	75.5	56.4	84.6

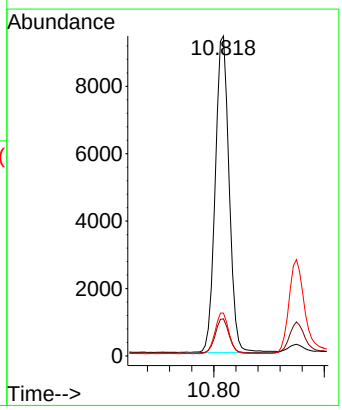


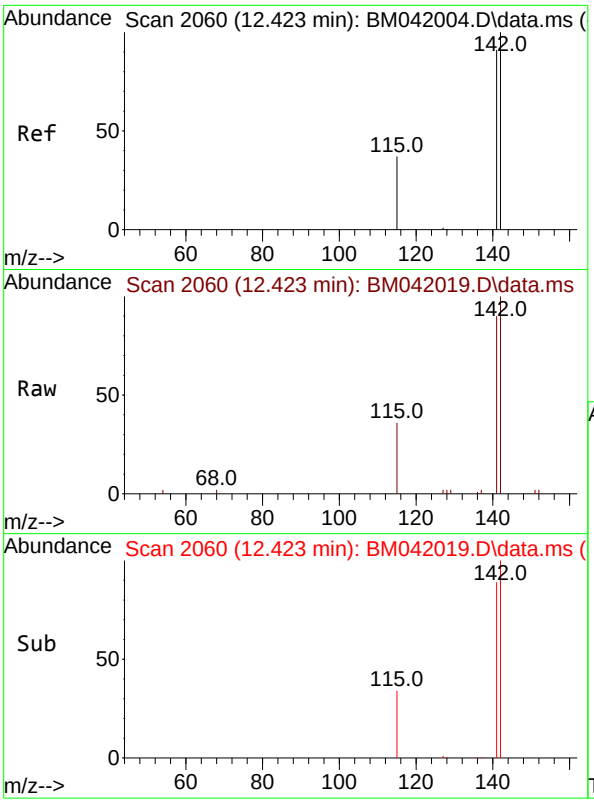


#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:128 Resp: 16311

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.4	10.8	16.2



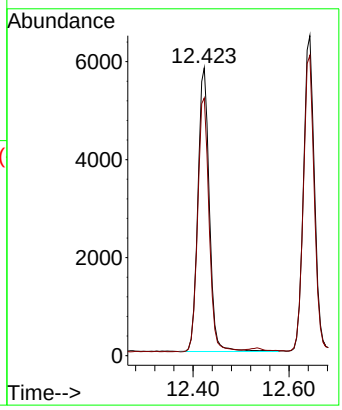


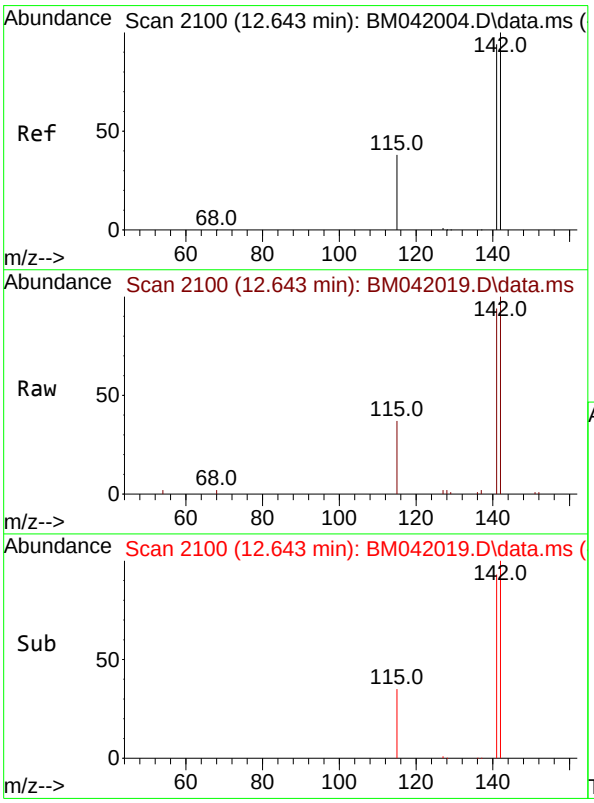
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.423 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:142 Resp: 9560

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1

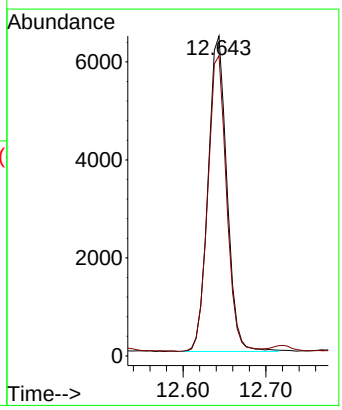


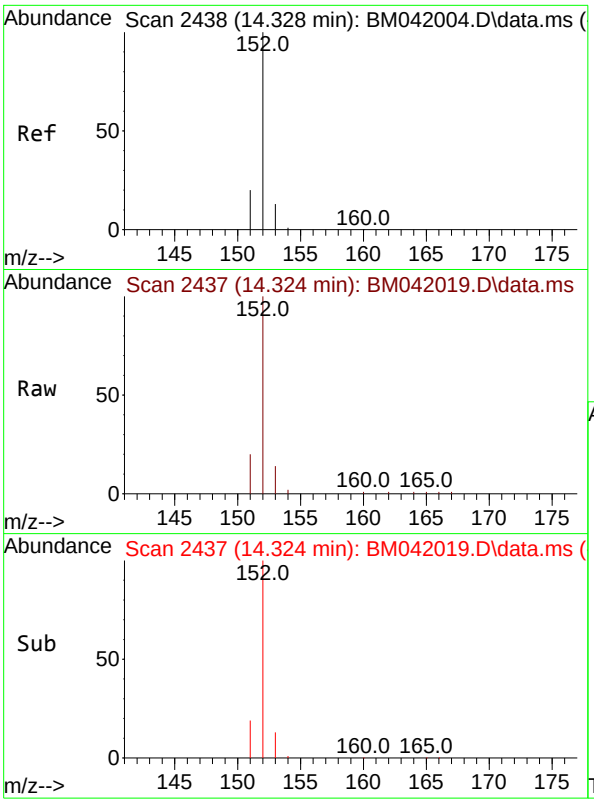


#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:142 Resp: 10176

Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.1	112.7



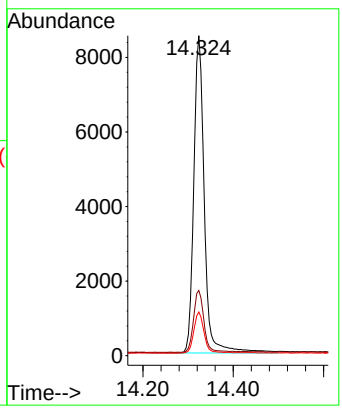


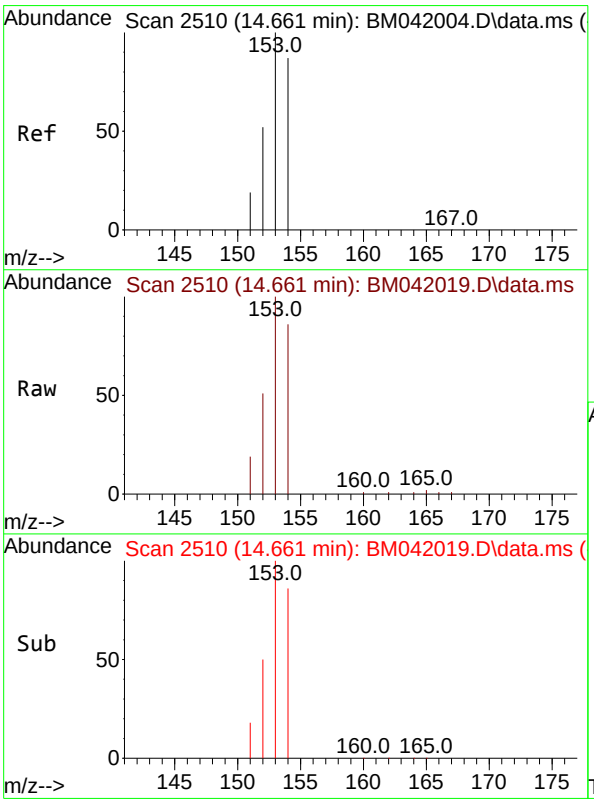
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:152 Resp: 13875

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.7	10.8	16.2

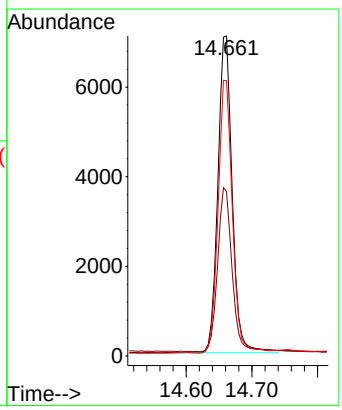


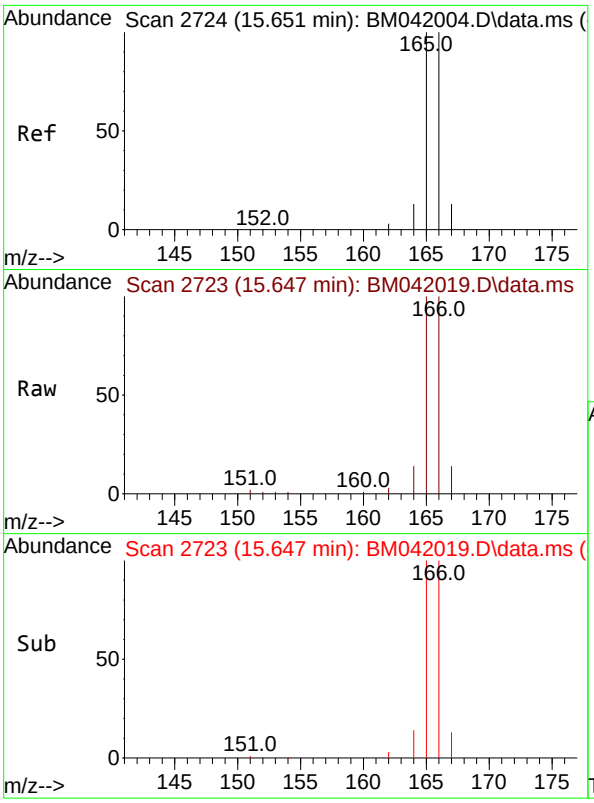


#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:153 Resp: 10736

Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.8	62.8
154	86.0	69.0	103.6



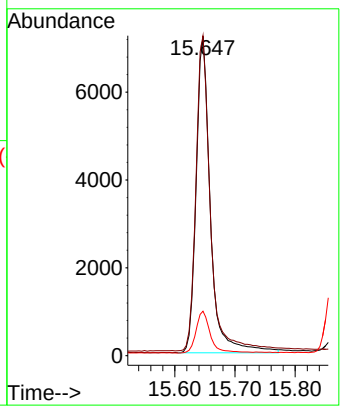


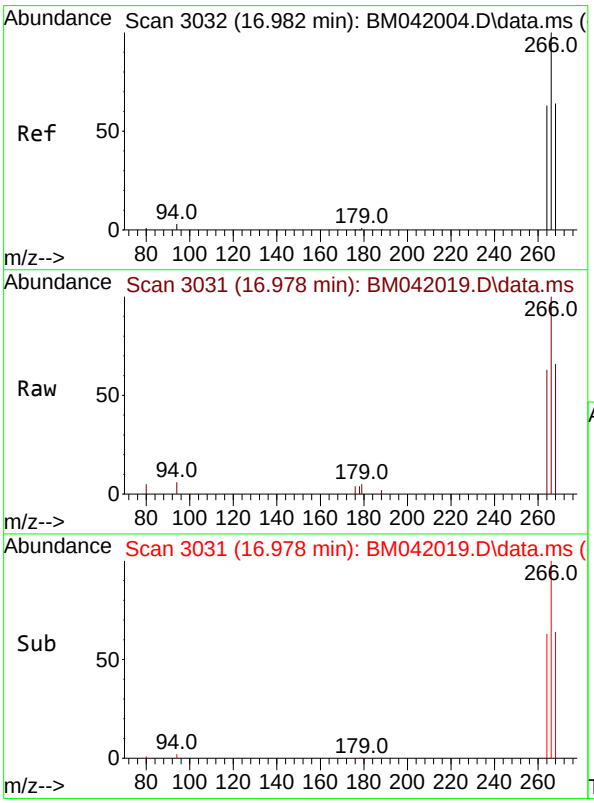
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.647 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:166 Resp: 11822

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.9	11.1	16.7

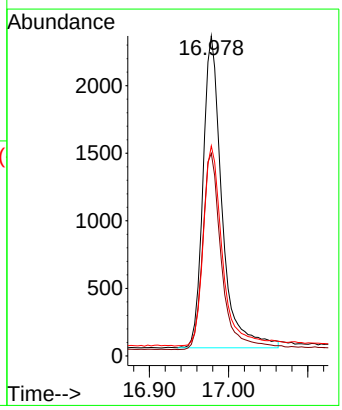


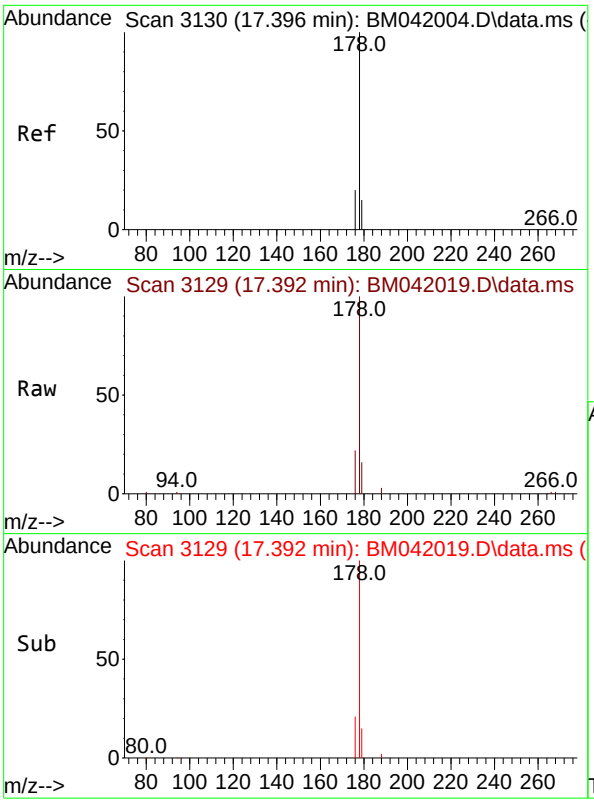


#14
Pentachlorophenol
Concen: 0.680 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:266 Resp: 3842

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.2	75.4
268	64.9	51.0	76.4



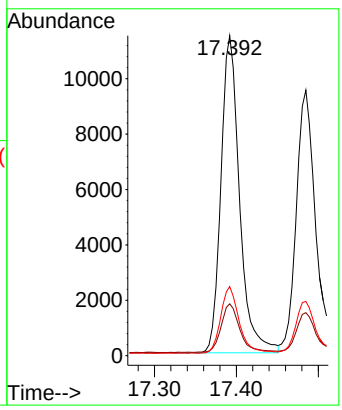


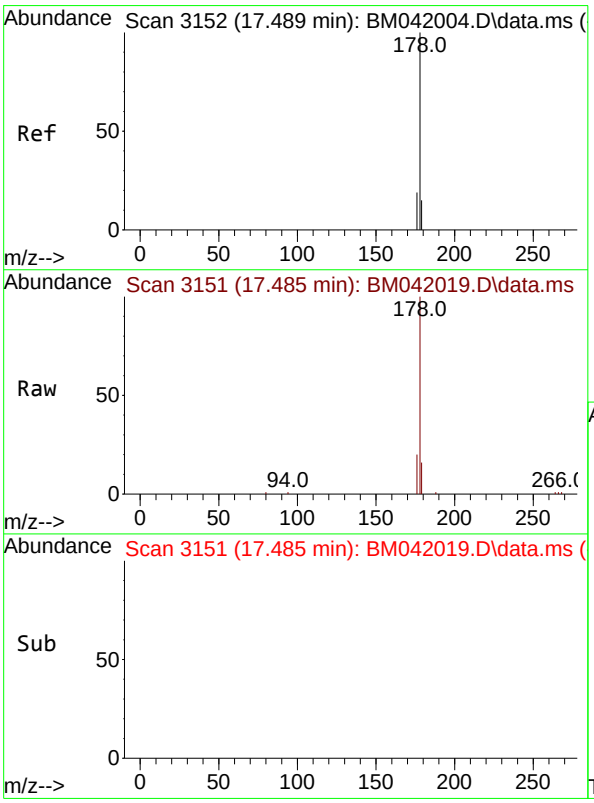
#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:178 Resp: 18088

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	21.6	16.6	24.8

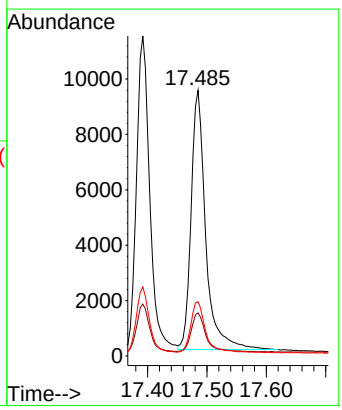


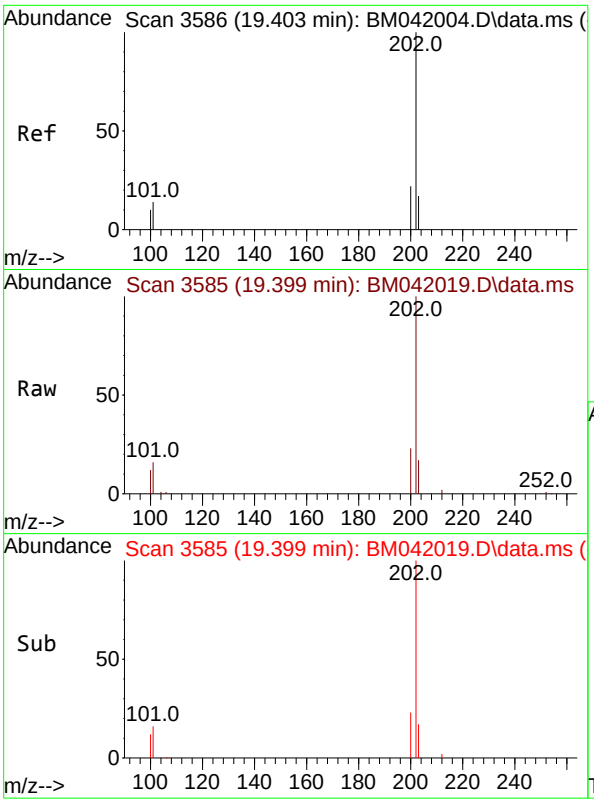


#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:178 Resp: 15990

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.4	16.2	24.2



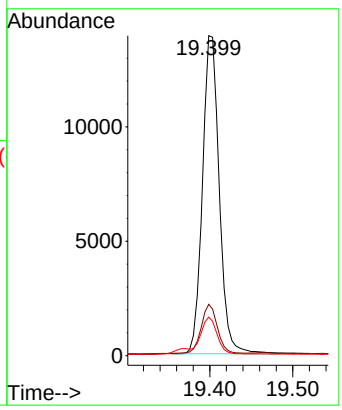


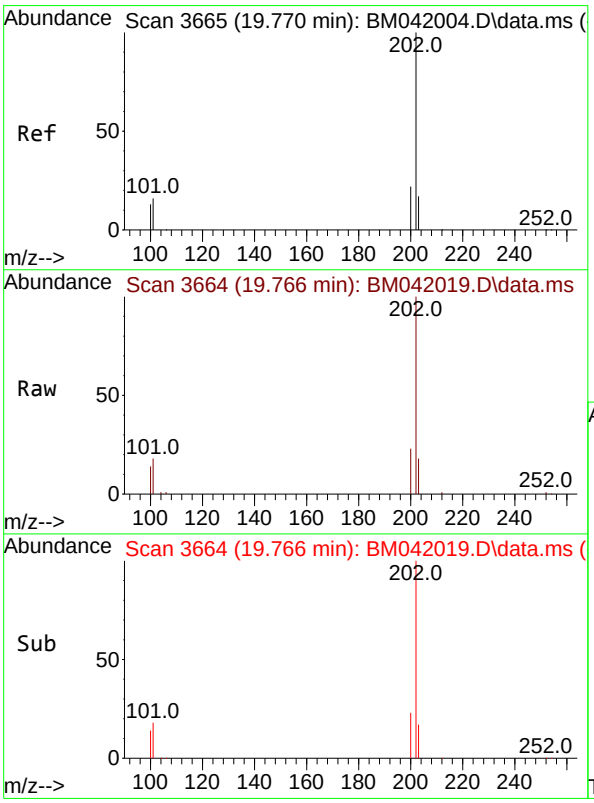
#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.399 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:202 Resp: 19606

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.8	17.6
100	12.0	9.1	13.7

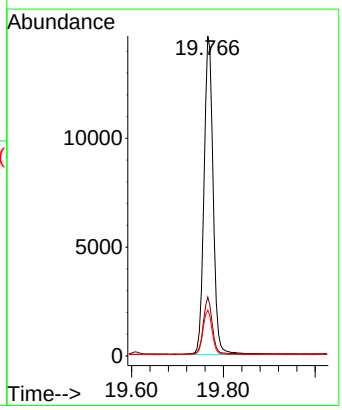


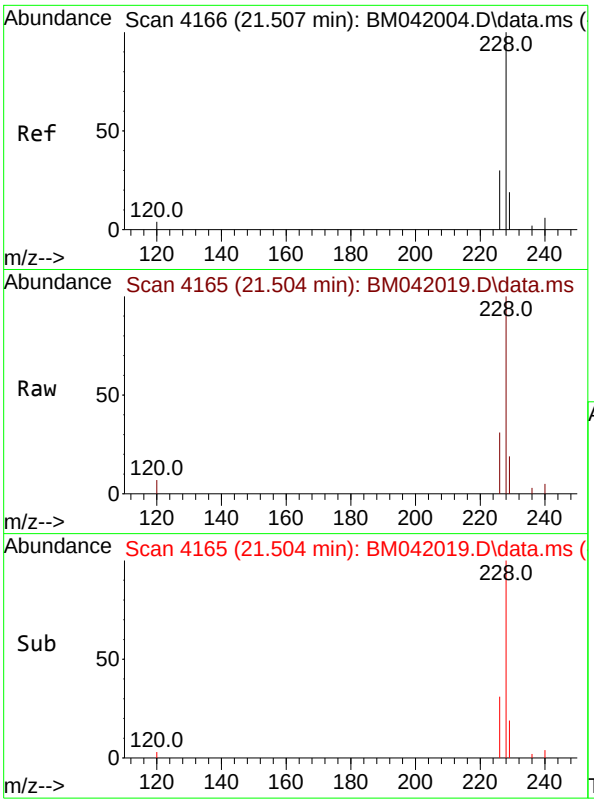


#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:202 Resp: 20175

Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.1	21.1
100	14.3	11.4	17.0





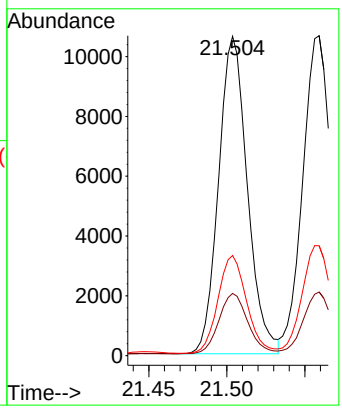
#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.504 min Scan# 4

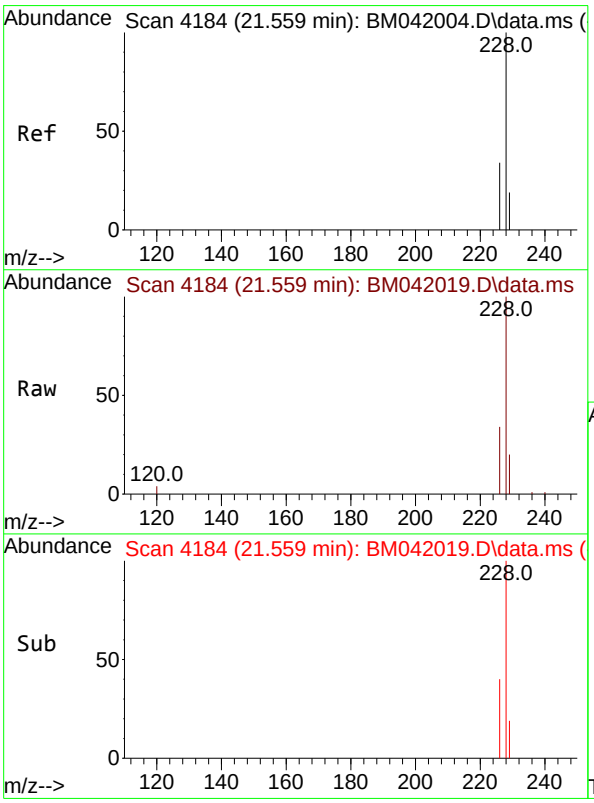
Instrument :
BNA_M
ClientSampleId :
SLCS517

Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:228 Resp: 13639

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	31.4	24.8	37.2

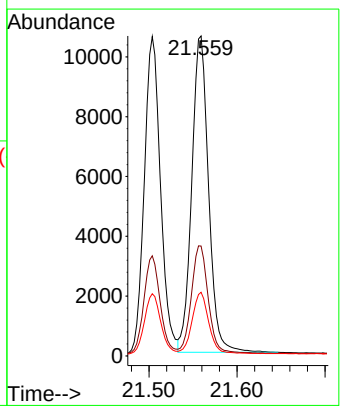


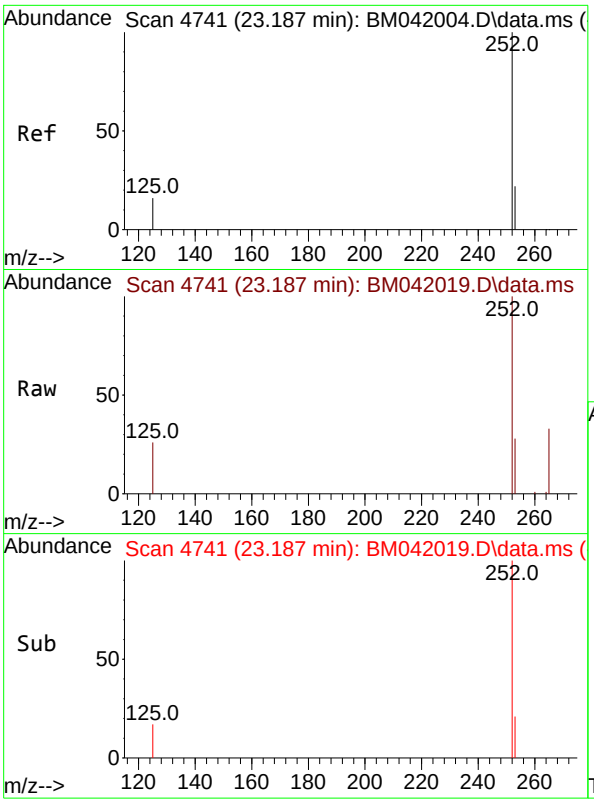


#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:228 Resp: 14080

Ion	Ratio	Lower	Upper
228	100		
226	34.4	27.8	41.6
229	19.9	15.6	23.4



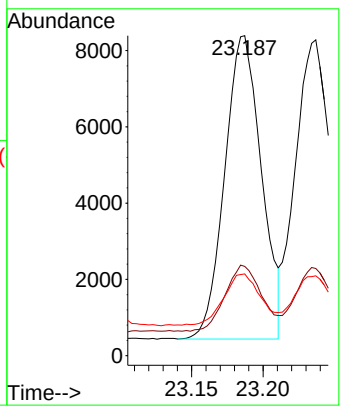


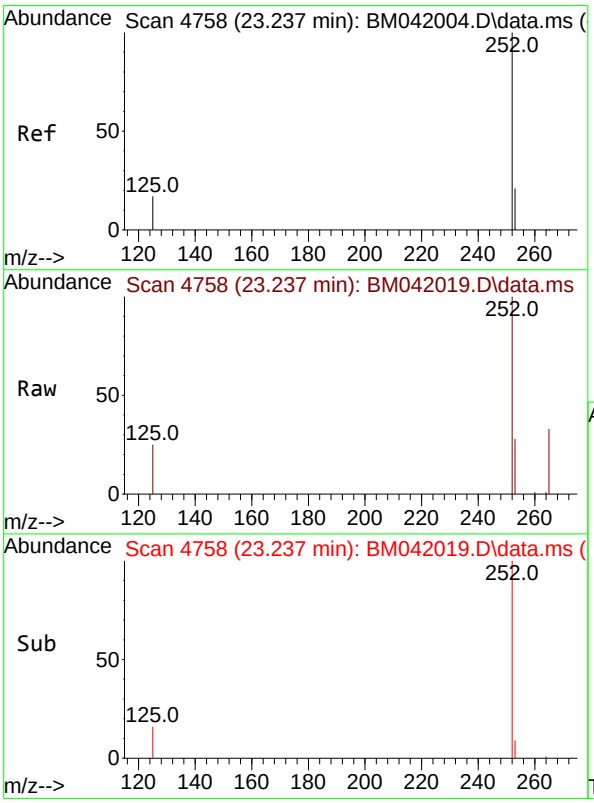
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.187 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:252 Resp: 14202

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	54.4
125	25.5	0.0	46.2

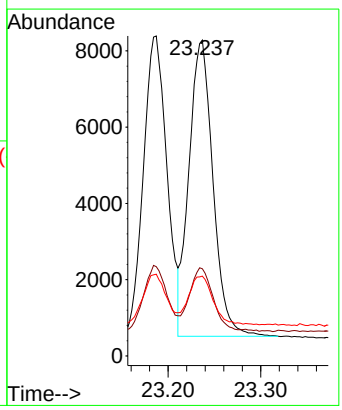


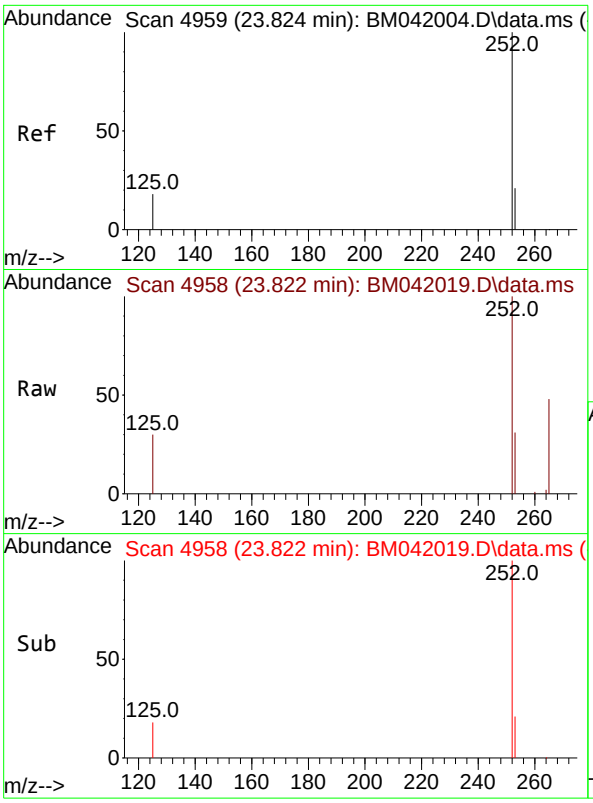


#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:252 Resp: 13998

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.0	31.6
125	25.3	19.0	28.6



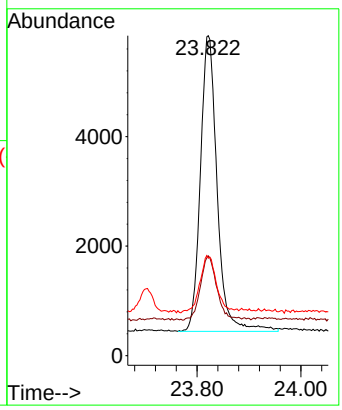


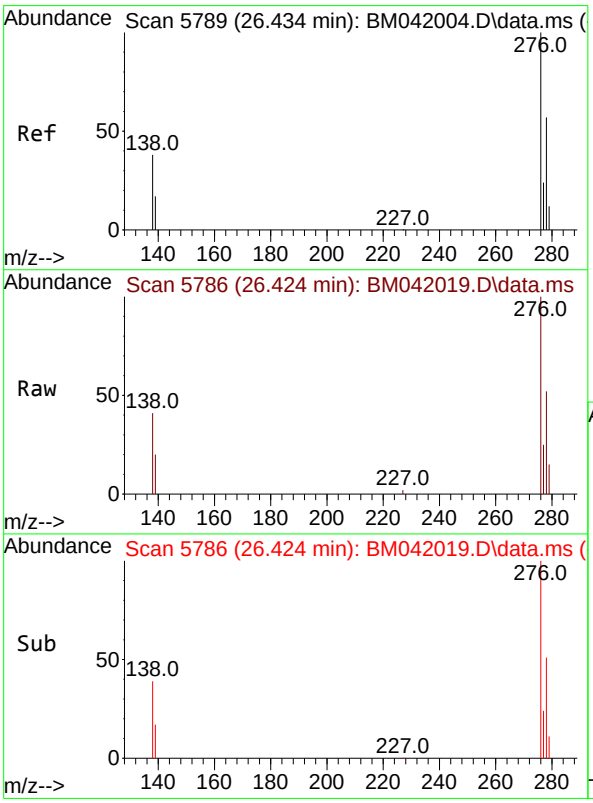
#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.822 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:252 Resp: 12053

Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.2	34.8
125	30.5	22.5	33.7

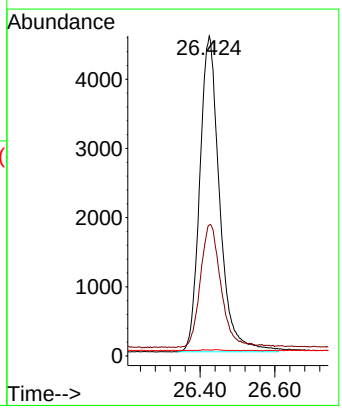


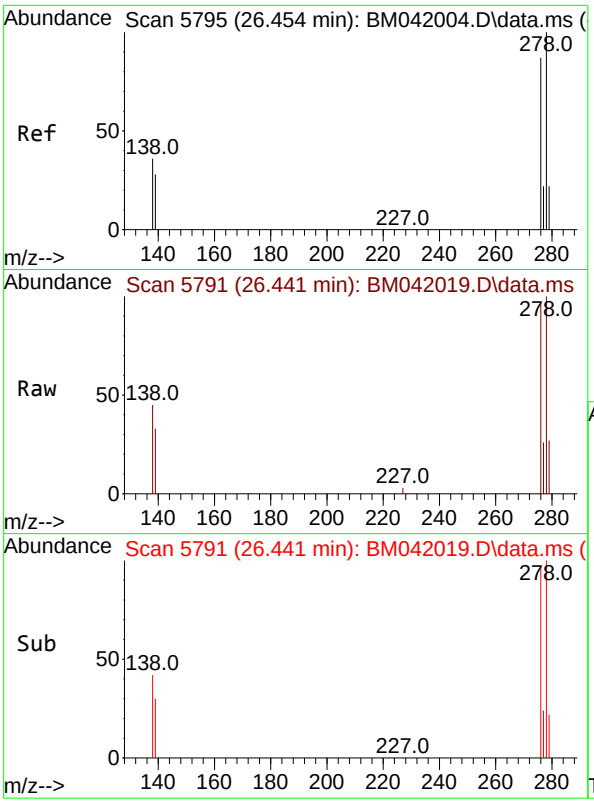


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:276 Resp: 16821

Ion	Ratio	Lower	Upper
276	100		
138	40.6	32.1	48.1
227	0.2	0.2	0.2



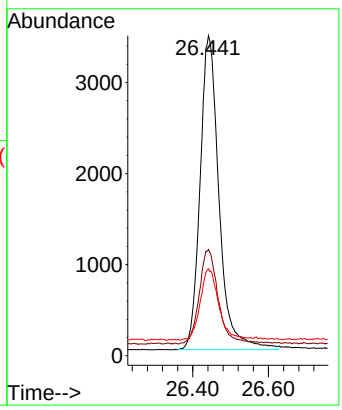


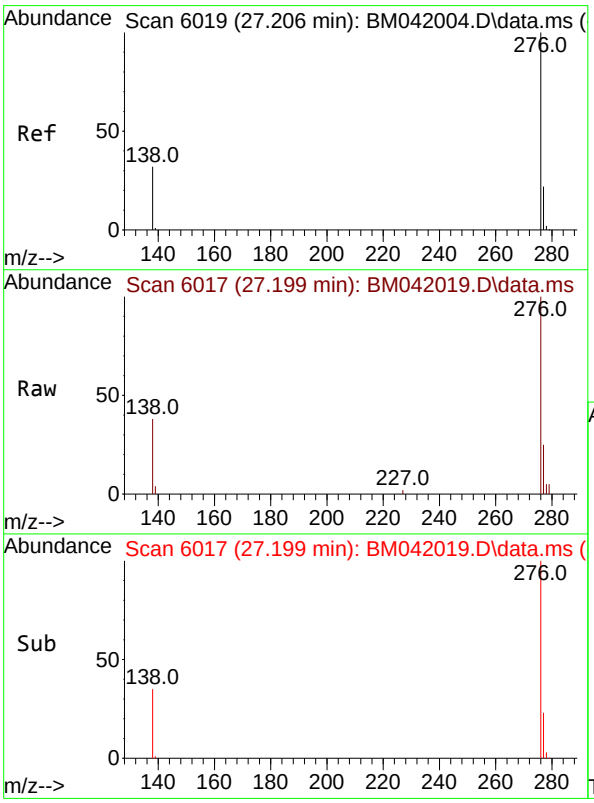
#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.441 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 12000

Ion	Ratio	Lower	Upper
278	100		
139	33.2	25.0	37.6
279	27.1	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.010 min
Lab File: BM042019.D
Acq: 23 Sep 2023 11:13

Tgt Ion:276 Resp: 14448

Ion	Ratio	Lower	Upper
276	100		
138	37.5	29.0	43.4
277	25.0	19.6	29.4