Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039314.D
Acq On : 06 Apr 2023 12:13
Operator : CG/JU
Sample : SSTD3.245
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Quant Time: Apr 06 23:46:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:03:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5977	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	24701	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	15086	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	27425	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	23814	0.400	ng/ul	# 0.00
23) Perylene-d12	23.863	264	19987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	27351	2.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	96251	3.370	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	201627	2.717	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	29410	2.482	ng/ul#	72
5) Naphthalene	10.741	128	183428	3.120	ng/ul	97
7) 2-Methylnaphthalene	12.357	142	112075	3.396	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	122021	3.264	ng/ul	100
10) Acenaphthylene	14.254	152	189008	3.229	ng/ul	97
11) Acenaphthene	14.597	153	142941	3.101	ng/ul	99
12) Fluorene	15.582	166	160620	3.499	ng/ul	100
14) Pentachlorophenol	16.936	266	23168	3.543	ng/ul#	83
15) Phenanthrene	17.324	178	231130	3.038	ng/ul	97
16) Anthracene	17.417	178	211413	3.650	ng/ul	95
19) Fluoranthene	19.343	202	272601	2.766	ng/ul	97
20) Pyrene	19.706	202	294521	2.606	ng/ul	98
21) Benzo(a)anthracene	21.451	228	202285	3.660	ng/ul	98
22) Chrysene	21.507	228	223423	3.319	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	222693	3.513	ng/ul	79
25) Benzo(k)fluoranthene	23.176	252	223953	3.705	ng/ul#	78
26) Benzo(a)pyrene	23.752	252	199928	3.129	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.334	276	230980	2.870	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.357	278	171611	3.046	ng/ul#	80
29) Benzo(g,h,i)perylene	27.092	276	202720	2.627	ng/ul	94

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

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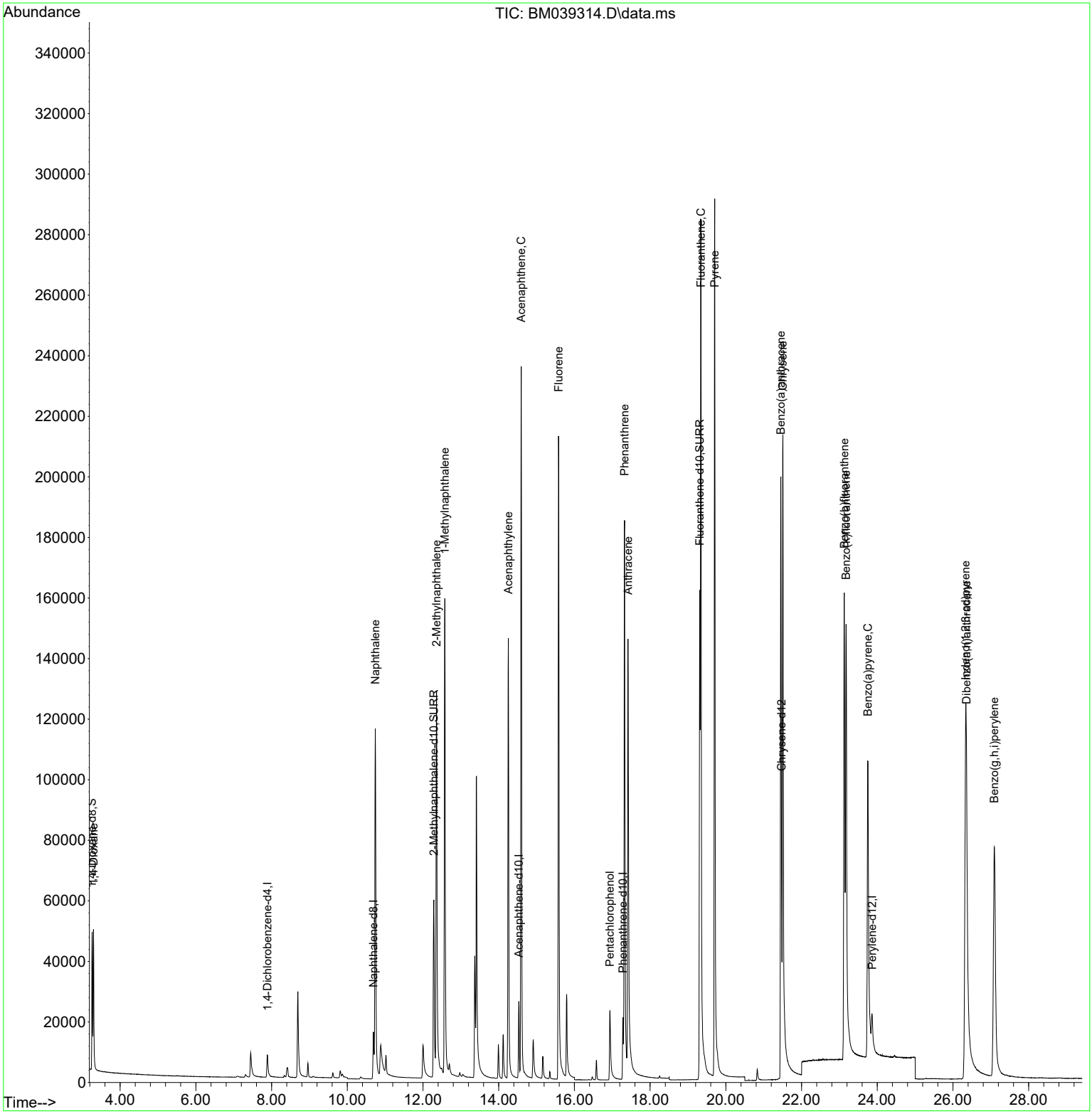
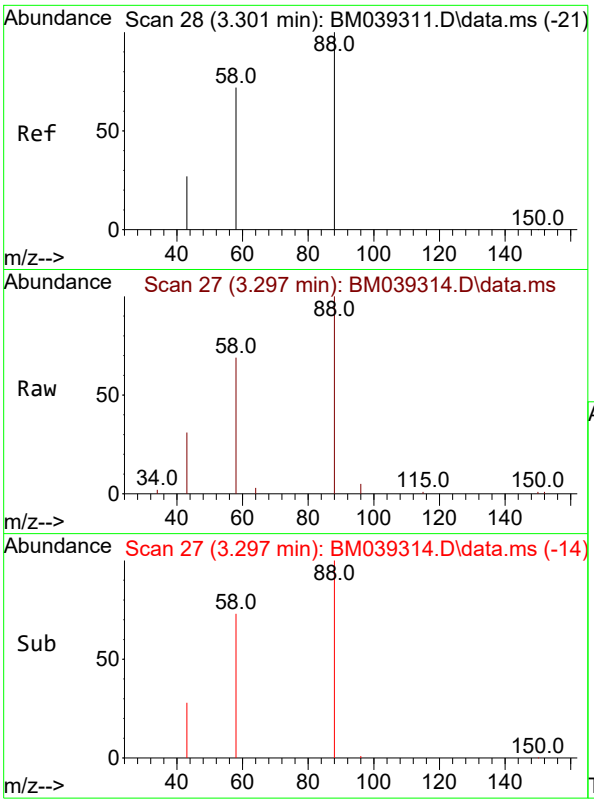


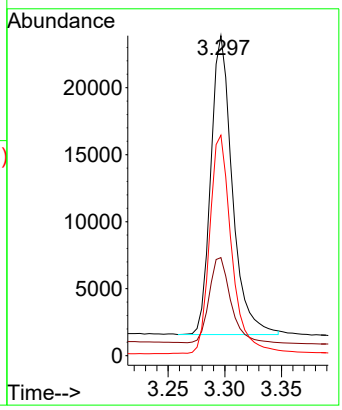


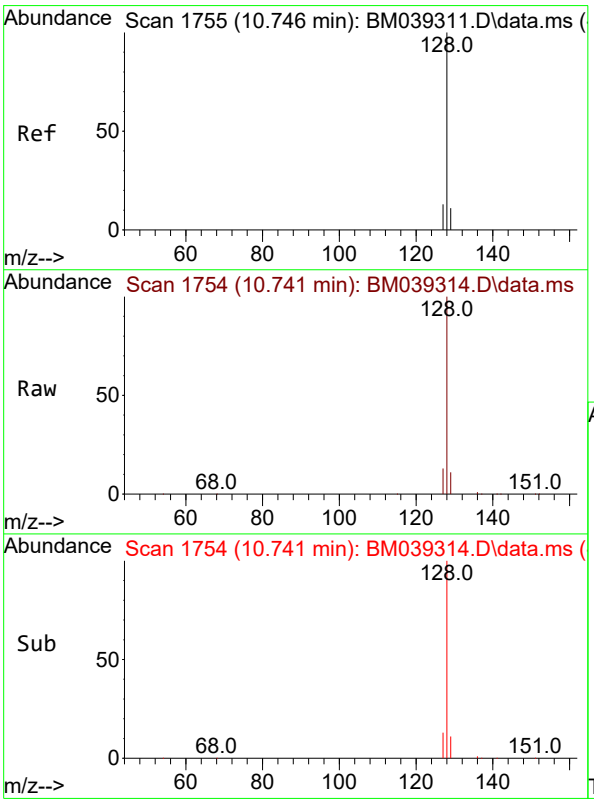
#2
1,4-Dioxane
Concen: 2.482 ng/ul
RT: 3.297 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion: 88 Resp: 29410

Ion	Ratio	Lower	Upper
88	100		
43	30.6	30.6	45.8
58	68.9	34.1	51.1#

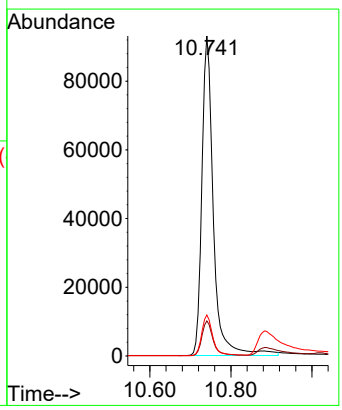


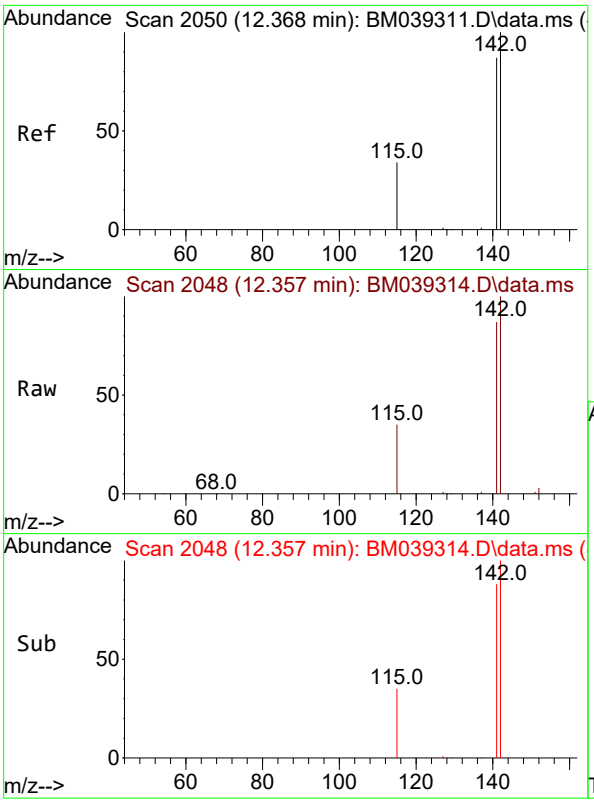


#5
Naphthalene
Concen: 3.120 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:128 Resp: 183428

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.1	15.1
127	12.8	11.0	16.4



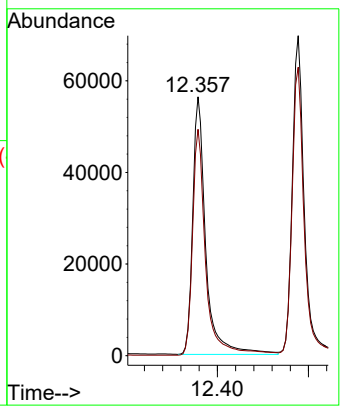


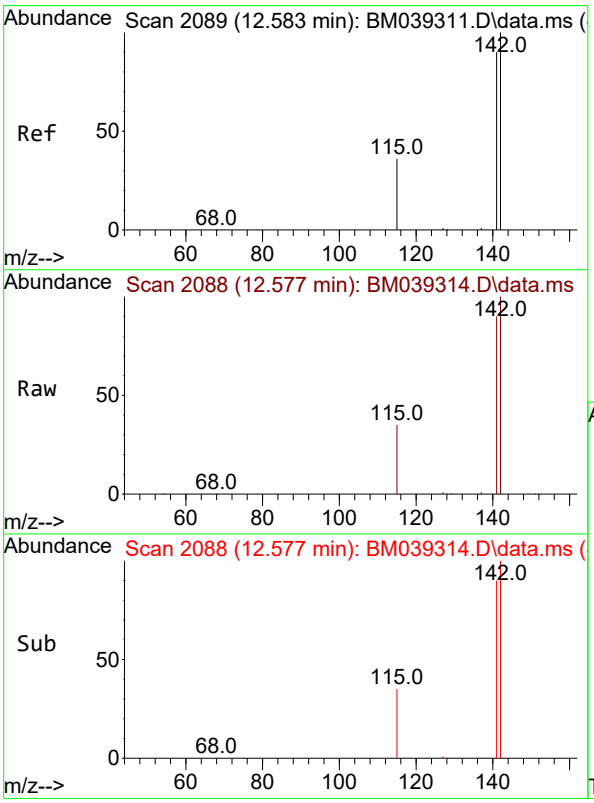
#7
2-Methylnaphthalene
Concen: 3.396 ng/ul
RT: 12.357 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:142 Resp: 112075

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.8	107.6

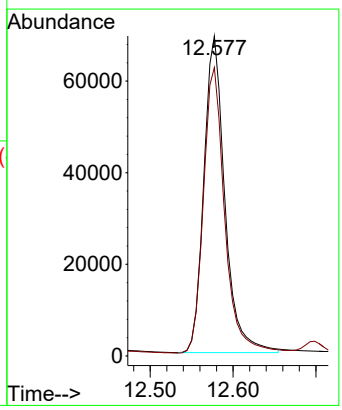


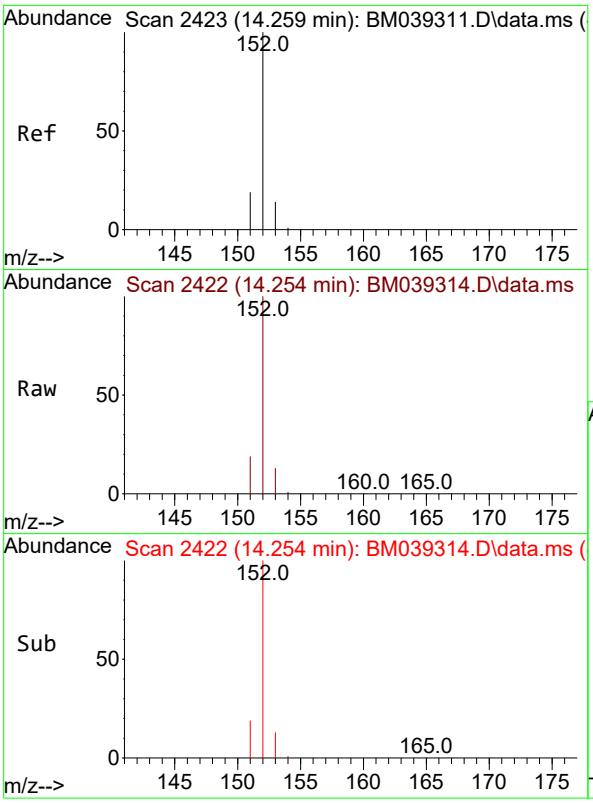


#8
1-Methylnaphthalene
Concen: 3.264 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:142 Resp: 122021

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	109.0



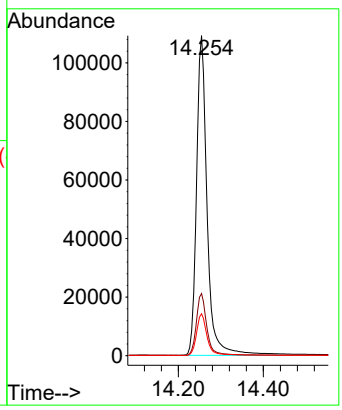


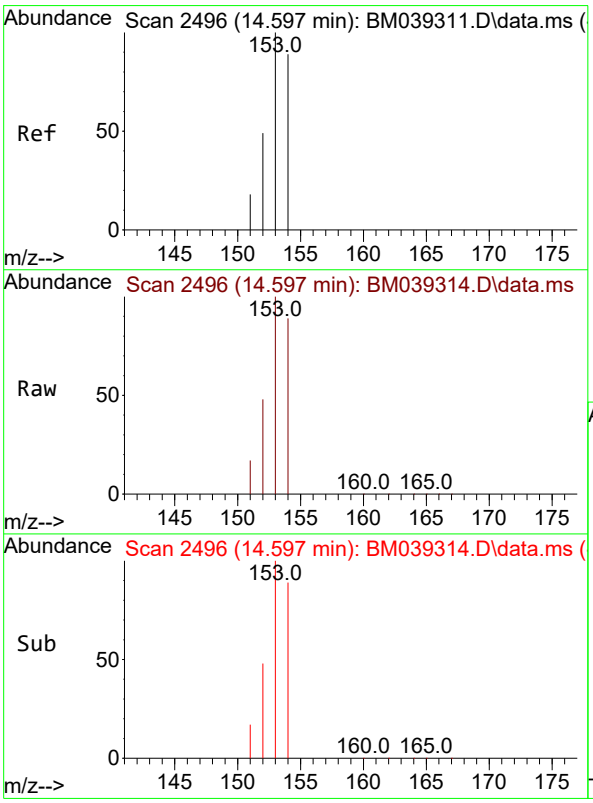
#10
Acenaphthylene
Concen: 3.229 ng/ul
RT: 14.254 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:152 Resp: 189008

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	13.1	11.6	17.4

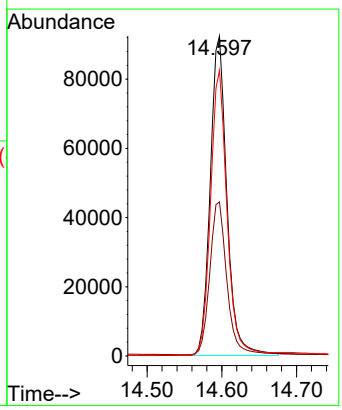


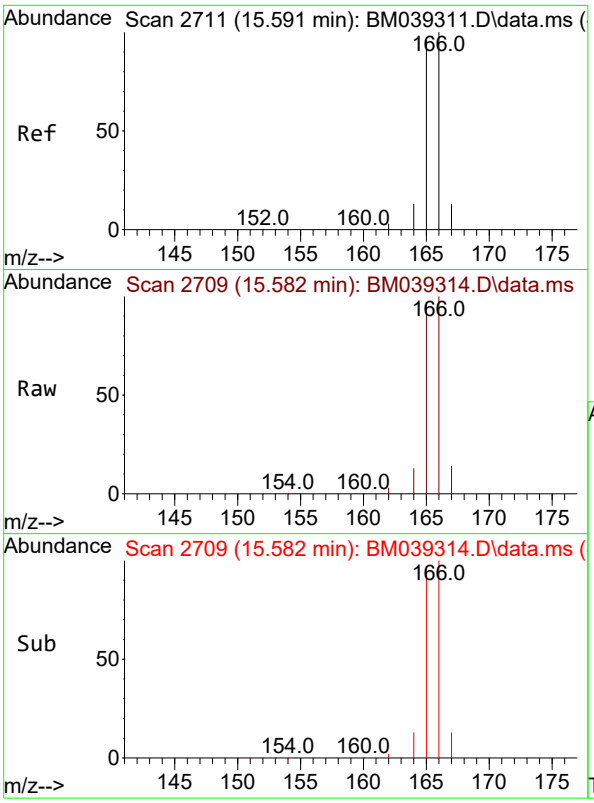


#11
Acenaphthene
Concen: 3.101 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:153 Resp: 142941

Ion	Ratio	Lower	Upper
153	100		
152	48.2	40.3	60.5
154	89.3	71.5	107.3



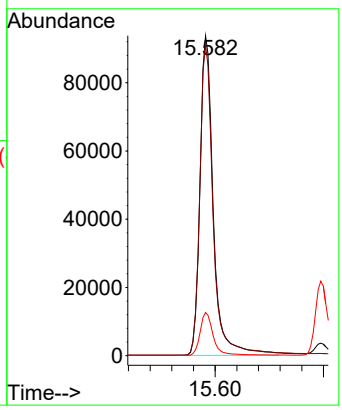


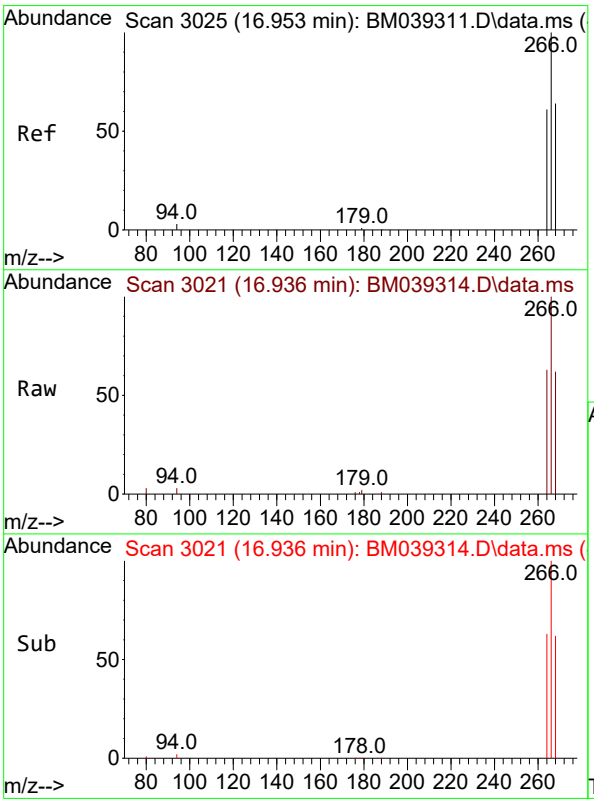
#12
Fluorene
Concen: 3.499 ng/ul
RT: 15.582 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:166 Resp: 160620

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.5	11.8	17.6

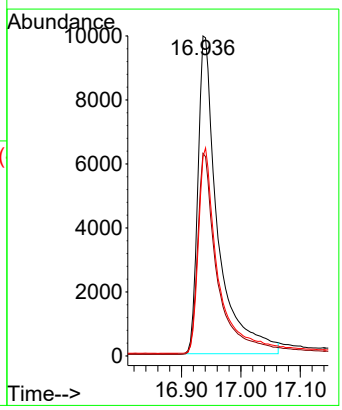


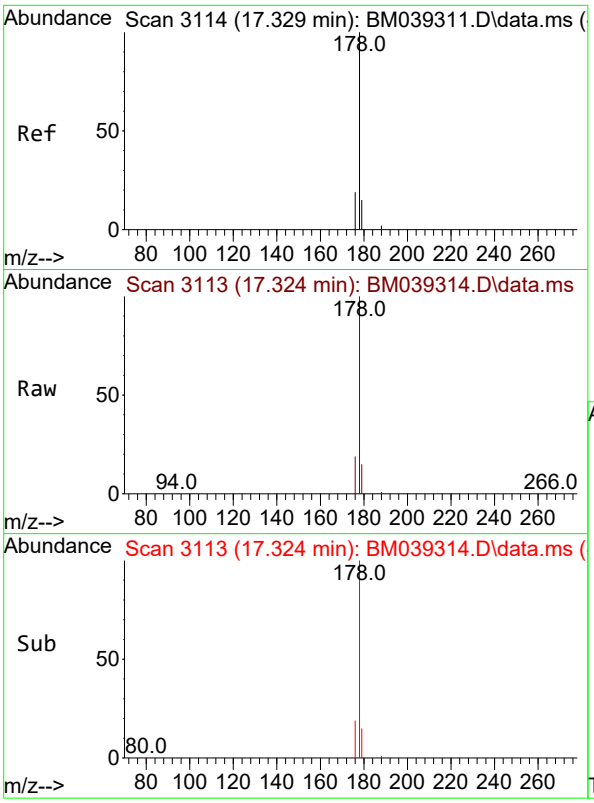


#14
Pentachlorophenol
Concen: 3.543 ng/ul
RT: 16.936 min Scan# 3021
Delta R.T. -0.017 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:266 Resp: 23168

Ion	Ratio	Lower	Upper
266	100		
264	62.8	39.6	59.4#
268	63.9	42.4	63.6#



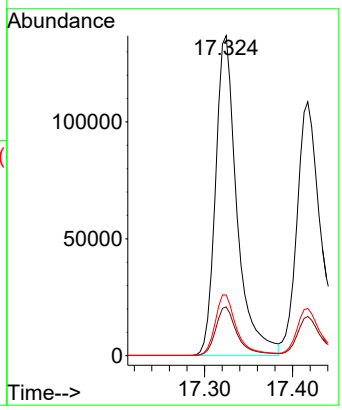


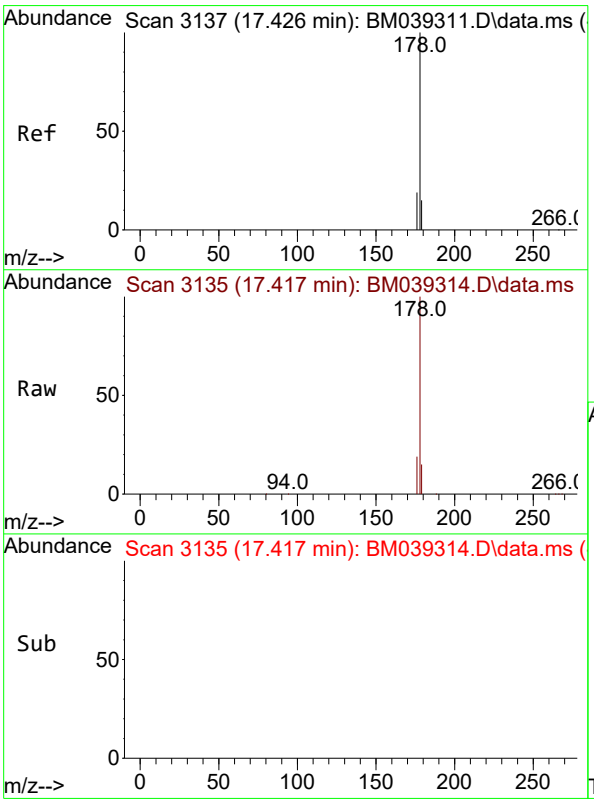
#15
Phenanthrene
Concen: 3.038 ng/ul
RT: 17.324 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:178 Resp: 231130

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	18.9	15.8	23.6

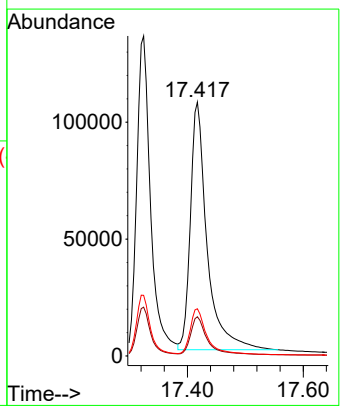


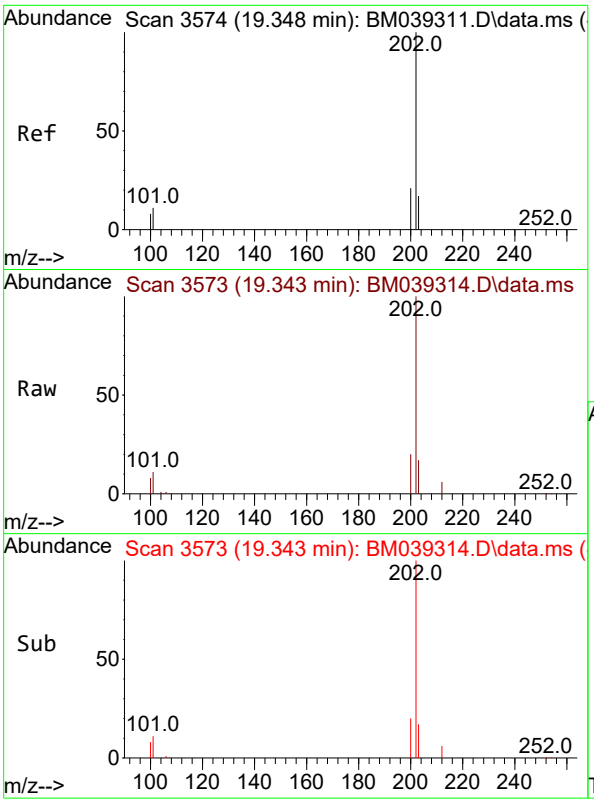


#16
Anthracene
Concen: 3.650 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.009 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:178 Resp: 211413

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.6	21.8
176	18.6	16.6	24.8



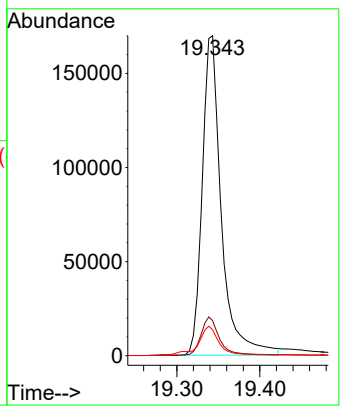


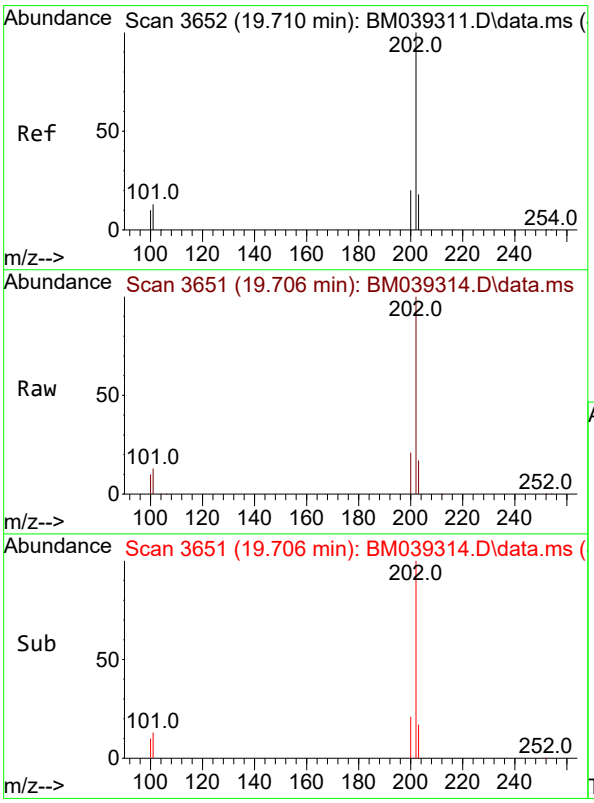
#19
Fluoranthene
Concen: 2.766 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:202 Resp: 272601

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.7	14.5
100	8.1	7.4	11.0

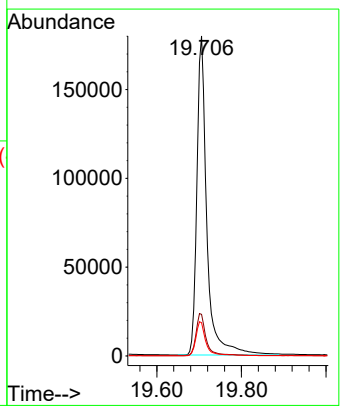


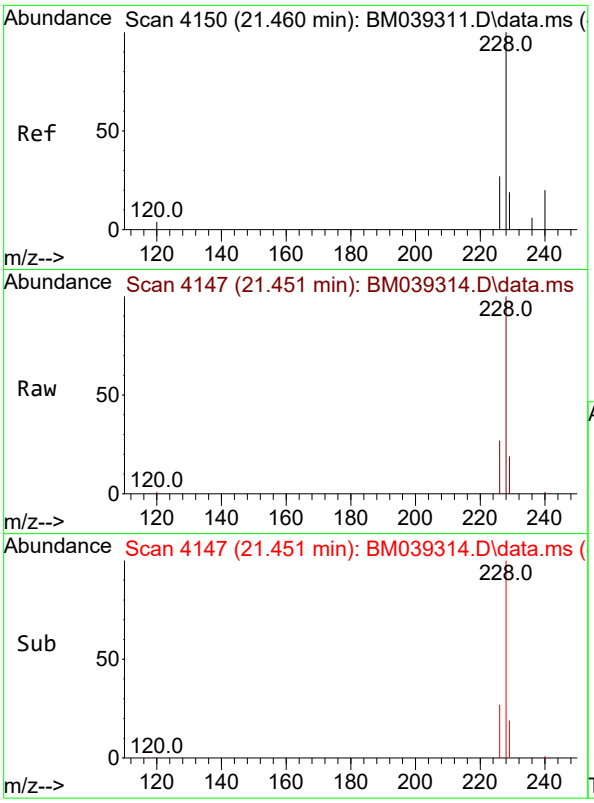


#20
Pyrene
Concen: 2.606 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:202 Resp: 294521

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.1	16.7
100	10.4	8.8	13.2



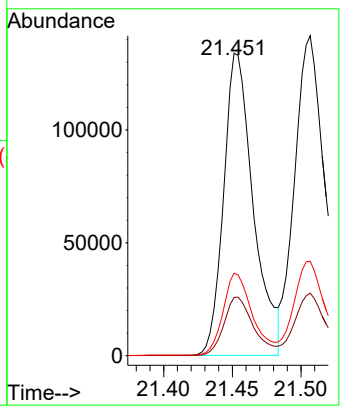


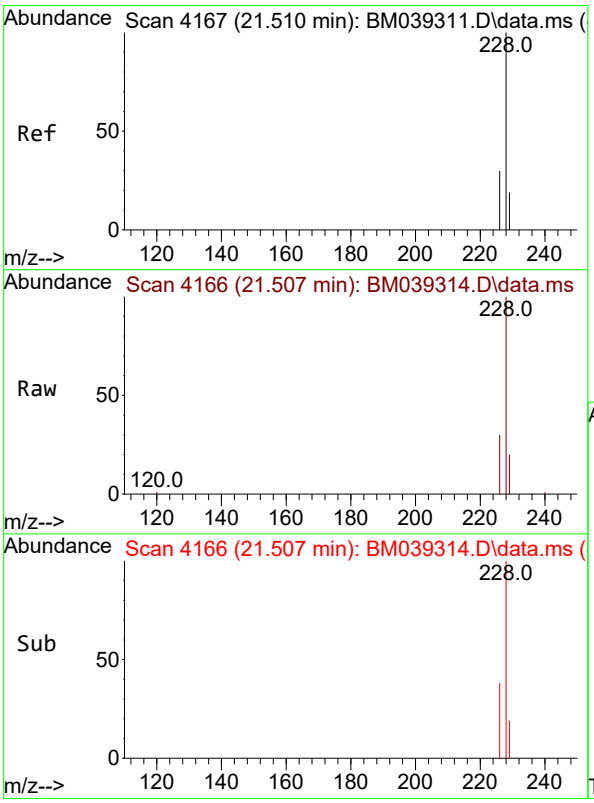
#21
Benzo(a)anthracene
Concen: 3.660 ng/ul
RT: 21.451 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:228 Resp: 202285

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.6	24.8
226	27.2	22.6	34.0

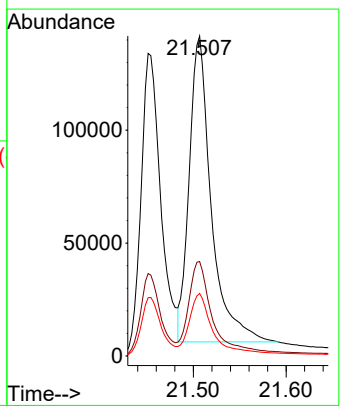


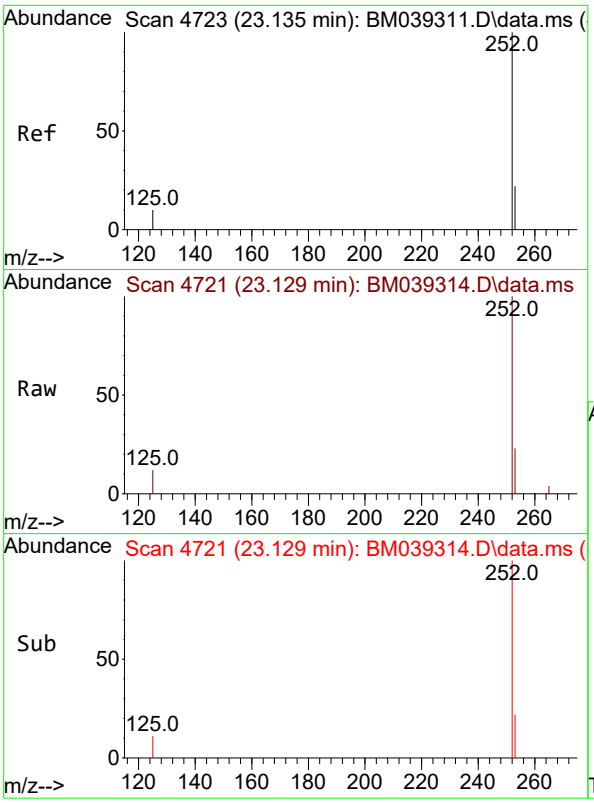


#22
Chrysene
Concen: 3.319 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:228 Resp: 223423

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.6	16.2	24.4



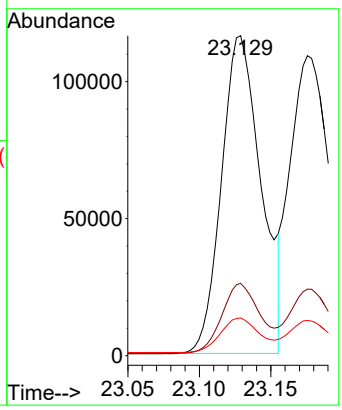


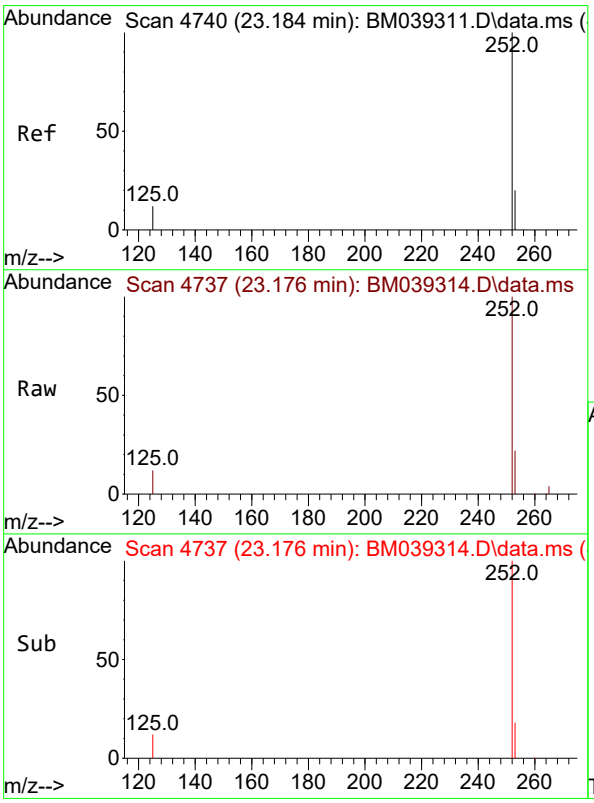
#24
Benzo(b)fluoranthene
Concen: 3.513 ng/ul
RT: 23.129 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 222693

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	64.4
125	11.8	0.0	50.4

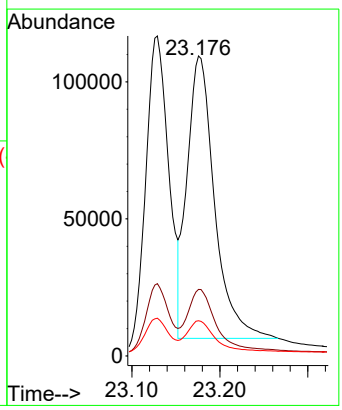


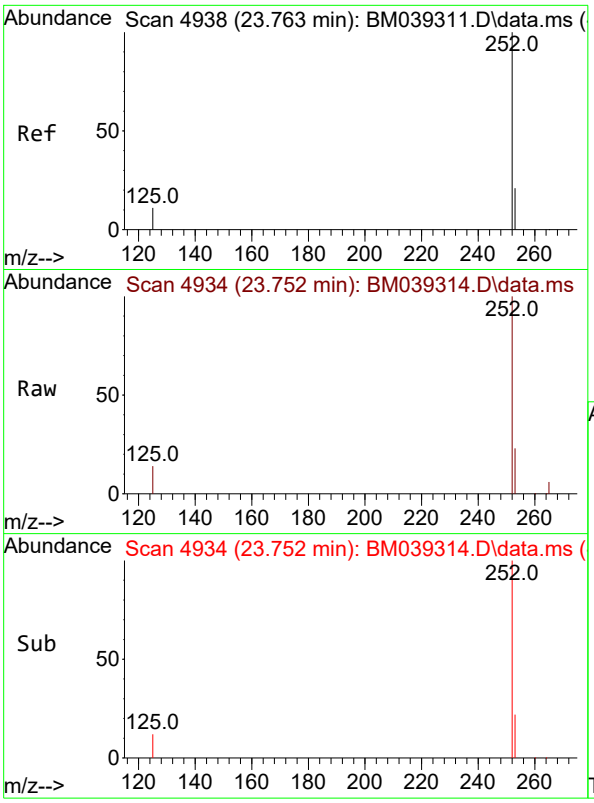


#25
Benzo(k)fluoranthene
Concen: 3.705 ng/ul
RT: 23.176 min Scan# 4737
Delta R.T. -0.009 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:252 Resp: 223953

Ion	Ratio	Lower	Upper
252	100		
253	22.2	25.5	38.3#
125	11.8	20.4	30.6#



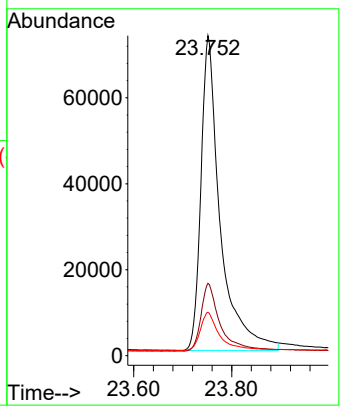


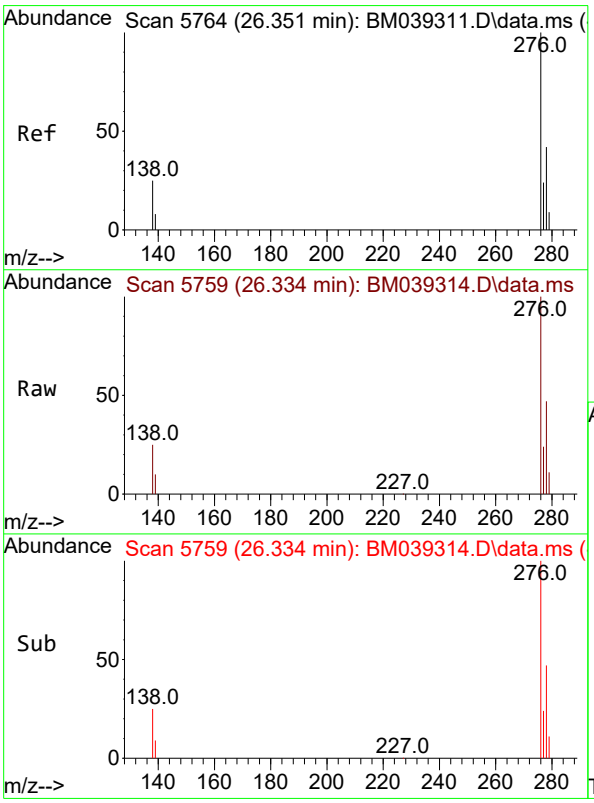
#26
Benzo(a)pyrene
Concen: 3.129 ng/ul
RT: 23.752 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 199928

Ion	Ratio	Lower	Upper
252	100		
253	22.6	31.0	46.4#
125	13.6	28.2	42.4#

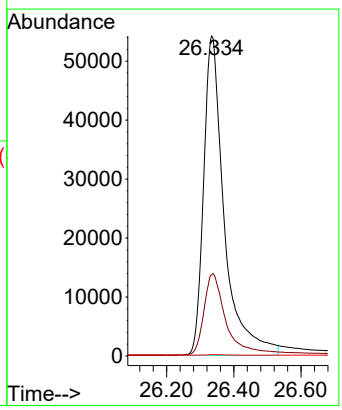


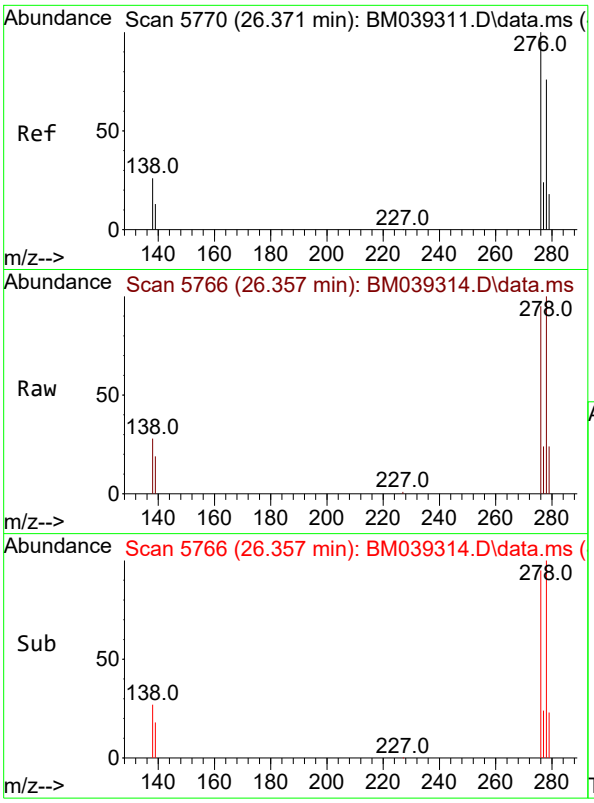


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.870 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:276 Resp: 230980

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.4	32.0
227	0.2	0.1	0.1#



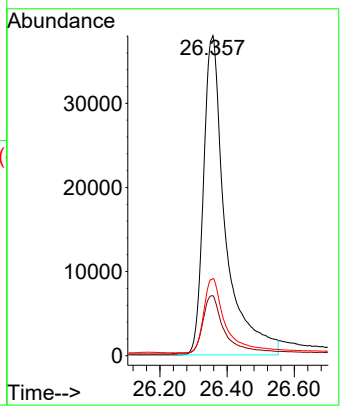


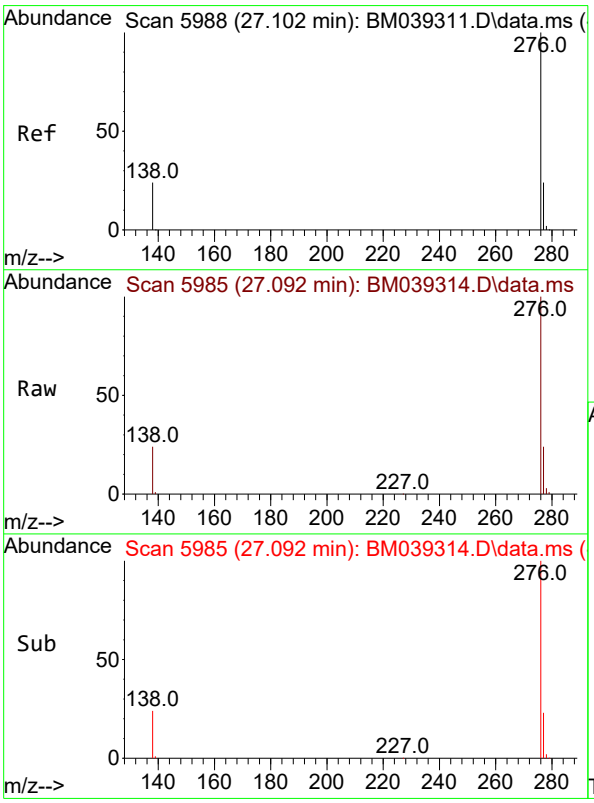
#28
Dibenzo(a,h)anthracene
Concen: 3.046 ng/ul
RT: 26.357 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:278 Resp: 171611

Ion	Ratio	Lower	Upper
278	100		
139	18.8	21.8	32.6#
279	24.1	30.0	45.0#





#29
Benzo(g,h,i)perylene
Concen: 2.627 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM039314.D
Acq: 06 Apr 2023 12:13

Tgt Ion:276 Resp: 202720

Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.2	33.2
277	23.7	21.2	31.8