Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051623\
Data File : BM039938.D
Acq On : 16 May 2023 17:26
Operator : CG/JU
Sample : SSTD3.263
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Quant Time: May 17 01:35:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 18:02:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	7859	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	23842	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.668	164	12085	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	21756	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	18287	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	18196	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	29528	3.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.432	152	90663	3.215	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	141610	2.837	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.433	88	32218	3.086	ng/ul	92
5) Naphthalene	10.897	128	191958	3.107	ng/ul	99
7) 2-Methylnaphthalene	12.503	142	119187	3.318	ng/ul	100
8) 1-Methylnaphthalene	12.723	142	124372	3.302	ng/ul	100
10) Acenaphthylene	14.386	152	163095	3.271	ng/ul	99
11) Acenaphthene	14.728	153	129694	3.141	ng/ul	99
12) Fluorene	15.714	166	144254	3.284	ng/ul	99
14) Pentachlorophenol	17.056	266	14767	3.993	ng/ul	99
15) Phenanthrene	17.449	178	206036	3.251	ng/ul	99
16) Anthracene	17.542	178	189669	3.666	ng/ul	99
19) Fluoranthene	19.457	202	222901	2.963	ng/ul	98
20) Pyrene	19.819	202	214364	2.877	ng/ul	98
21) Benzo(a)anthracene	21.564	228	187459	3.391	ng/ul	100
22) Chrysene	21.620	228	196266	2.966	ng/ul	99
24) Benzo(b)fluoranthene	23.289	252	213726	3.298	ng/ul	95
25) Benzo(k)fluoranthene	23.339	252	232619	3.258	ng/ul	96
26) Benzo(a)pyrene	23.932	252	184401	3.390	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.612	276	290423	3.723	ng/ul	99
28) Dibenzo(a,h)anthracene	26.632	278	240130	3.822	ng/ul	95
29) Benzo(g,h,i)perylene	27.396	276	244508	3.533	ng/ul	97

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

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Quant Time: May 17 01:35:02 2023
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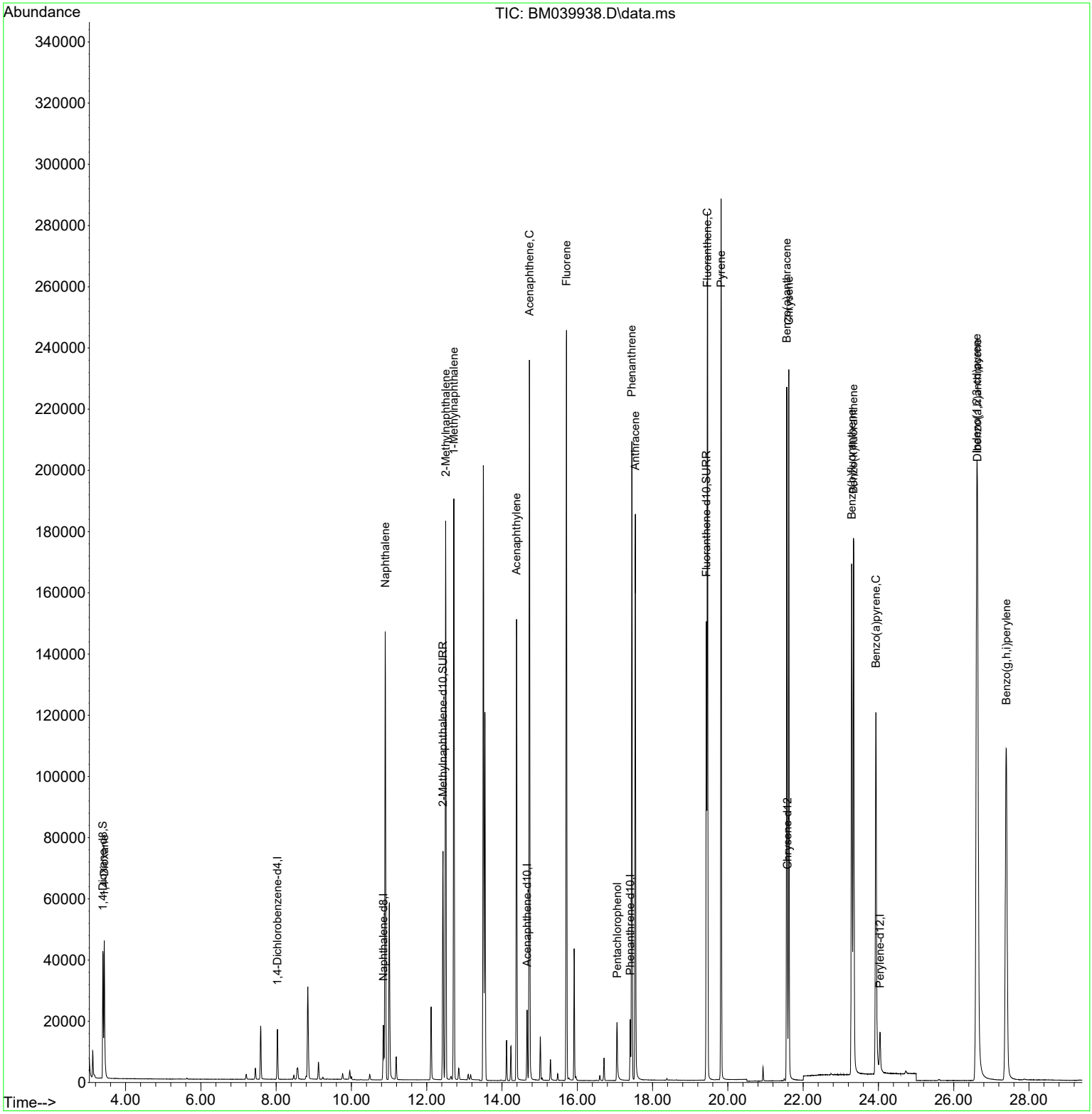
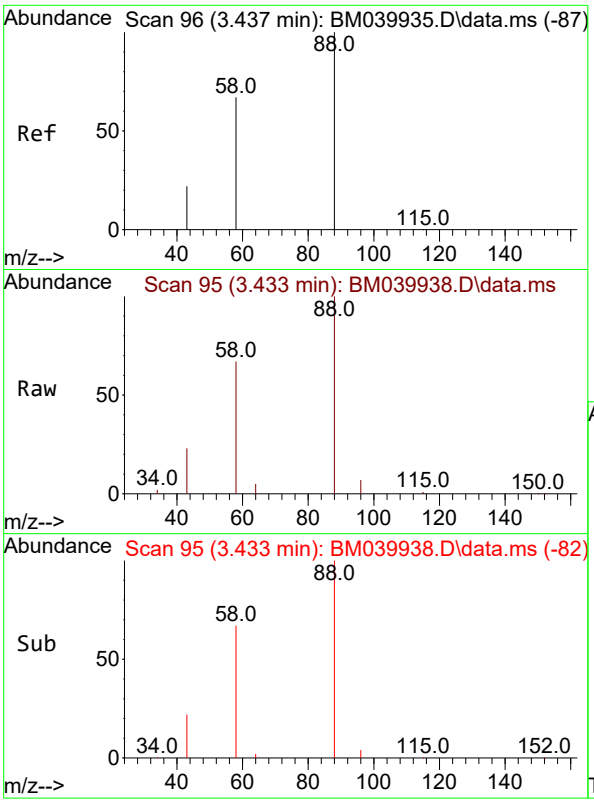


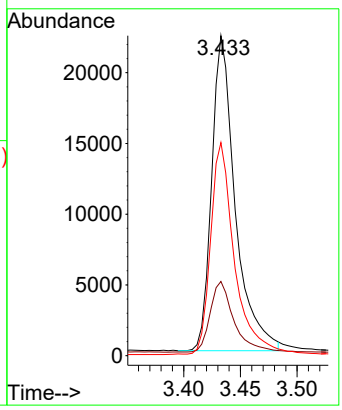


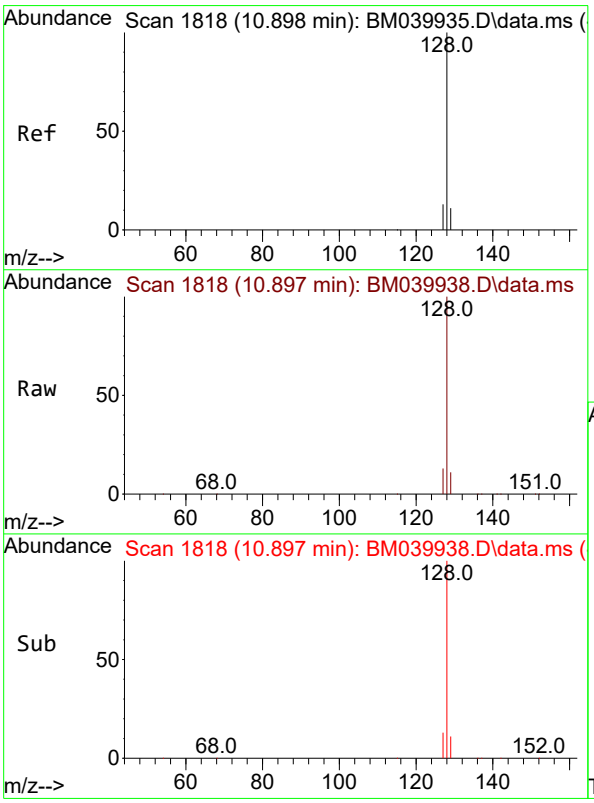
#2
1,4-Dioxane
Concen: 3.086 ng/ul
RT: 3.433 min Scan# 9
Delta R.T. -0.004 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion: 88 Resp: 32218

Ion	Ratio	Lower	Upper
88	100		
43	23.2	20.1	30.1
58	66.6	47.4	71.2

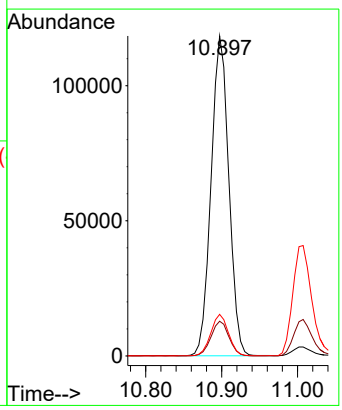


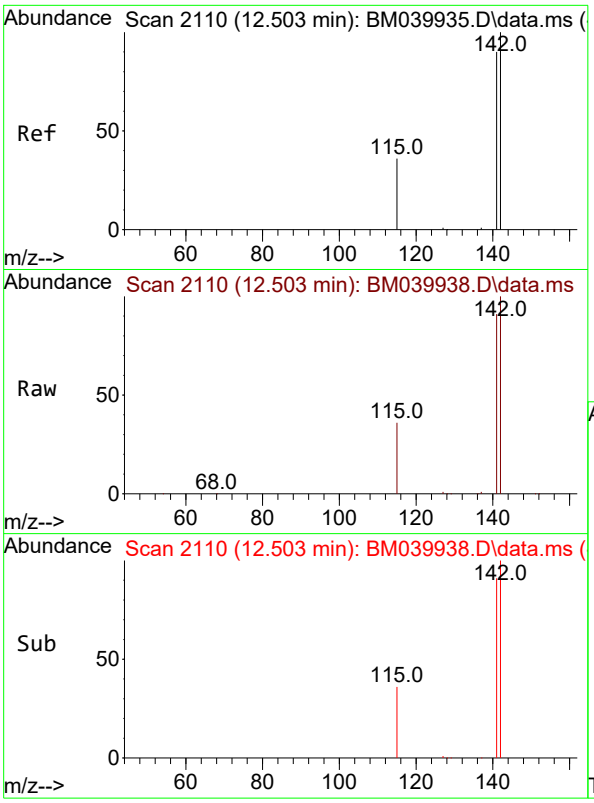


#5
Naphthalene
Concen: 3.107 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:128 Resp: 191958

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.0	10.5	15.7



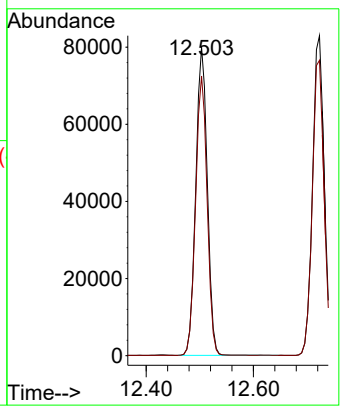


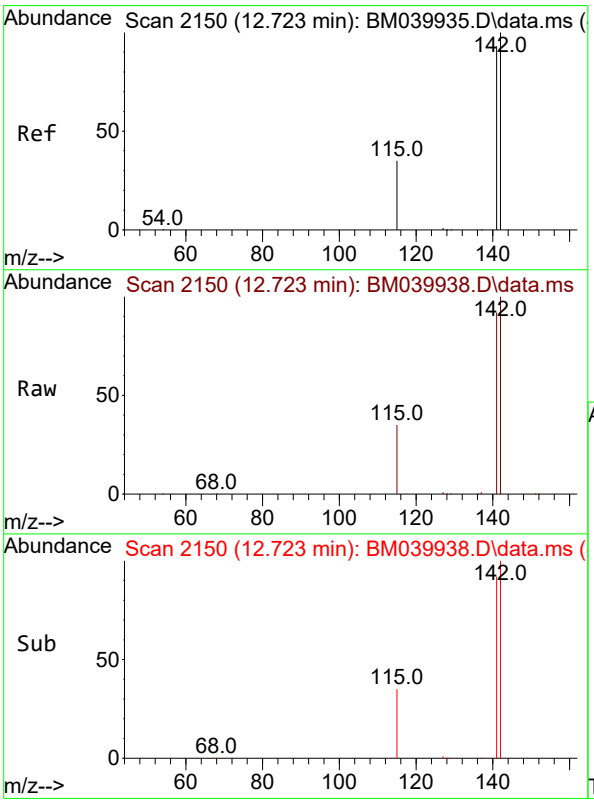
#7
2-Methylnaphthalene
Concen: 3.318 ng/ul
RT: 12.503 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:142 Resp: 119187

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1

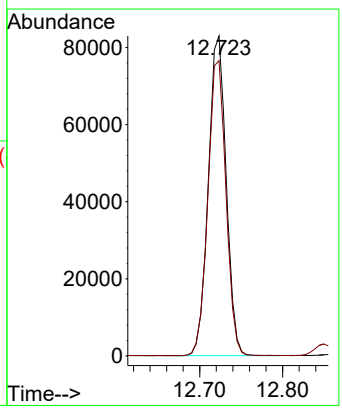


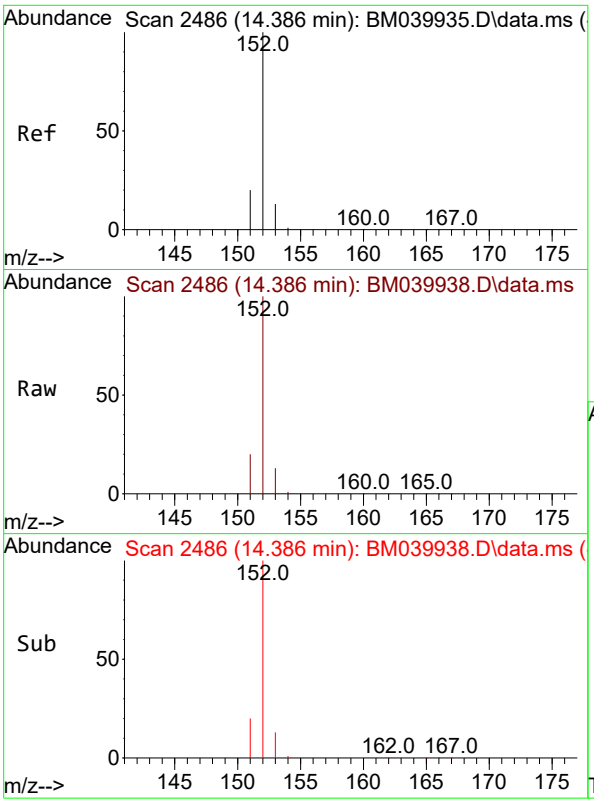


#8
1-Methylnaphthalene
Concen: 3.302 ng/ul
RT: 12.723 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:142 Resp: 124372

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.6	112.0



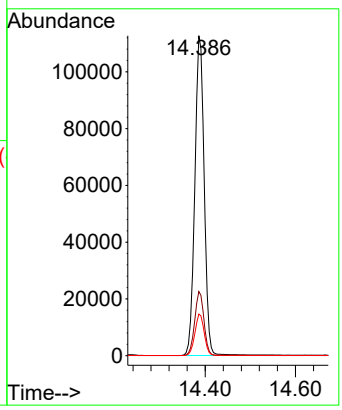


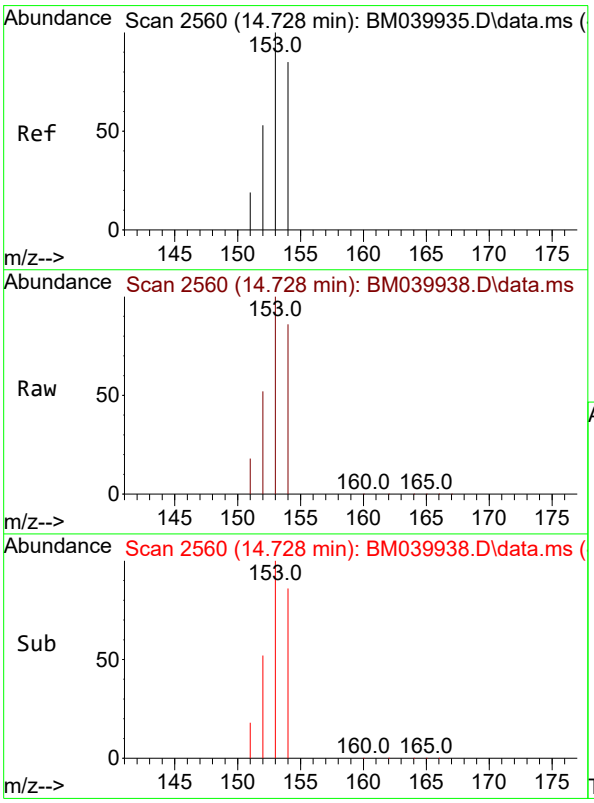
#10
Acenaphthylene
Concen: 3.271 ng/ul
RT: 14.386 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:152 Resp: 163095

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.0	10.9	16.3

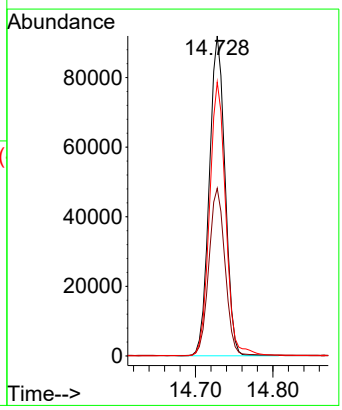


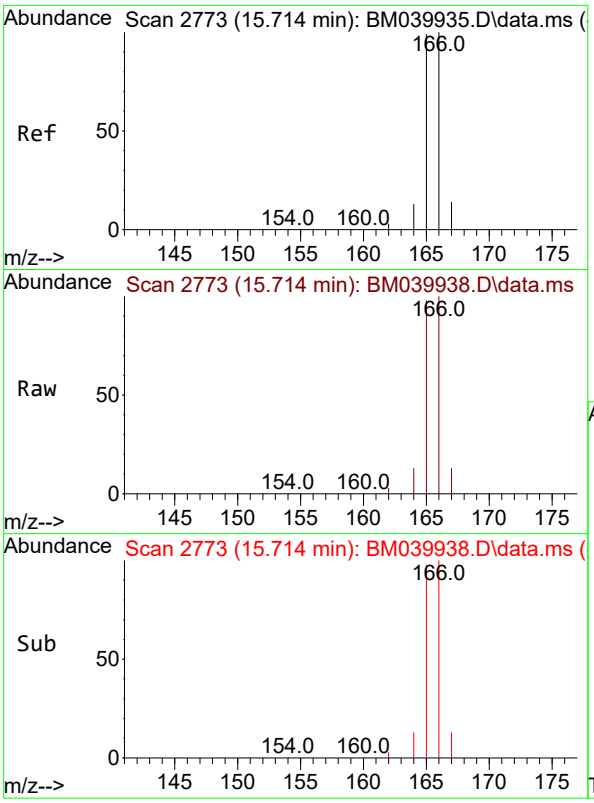


#11
Acenaphthene
Concen: 3.141 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:153 Resp: 129694

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.1	64.7
154	85.6	67.8	101.6



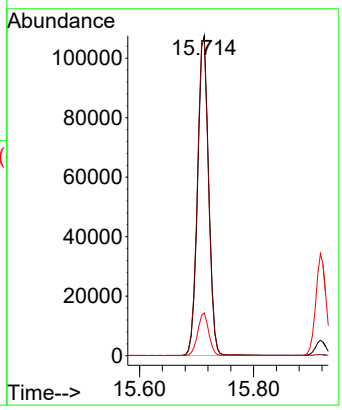


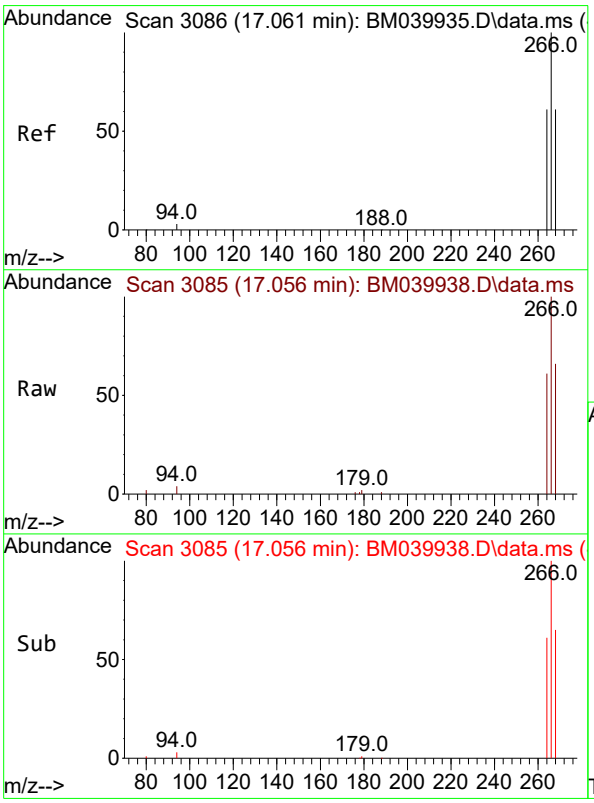
#12
Fluorene
Concen: 3.284 ng/ul
RT: 15.714 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:166 Resp: 144254

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.3	118.9
167	13.4	11.3	16.9

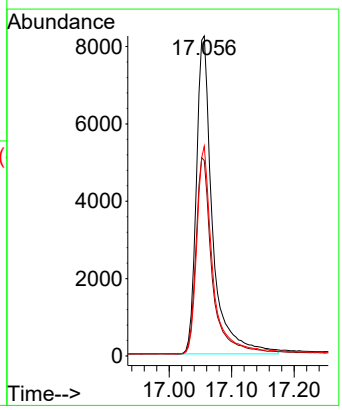


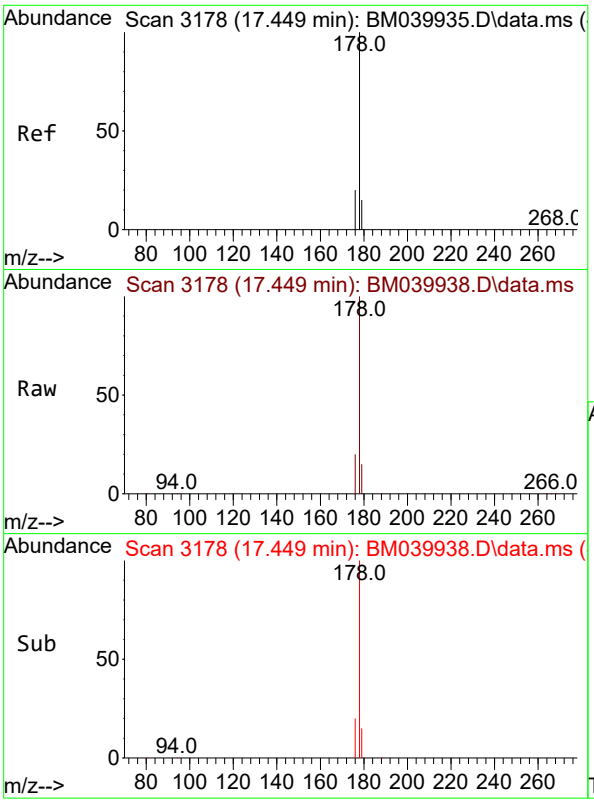


#14
Pentachlorophenol
Concen: 3.993 ng/ul
RT: 17.056 min Scan# 3085
Delta R.T. -0.004 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:266 Resp: 14767

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.9	73.3
268	64.3	51.5	77.3



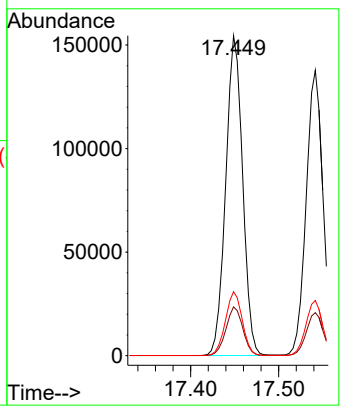


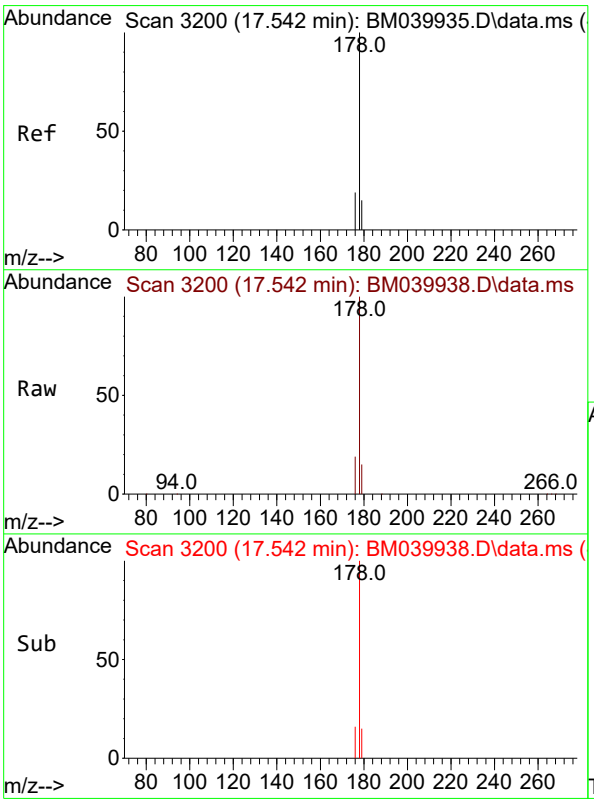
#15
Phenanthrene
Concen: 3.251 ng/ul
RT: 17.449 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:178 Resp: 206036

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	20.0	16.3	24.5

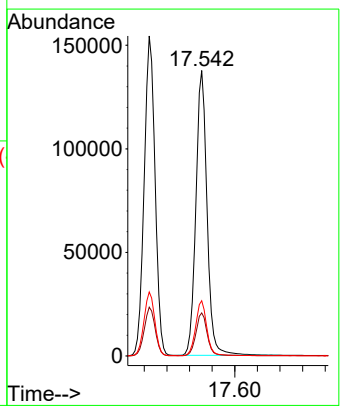


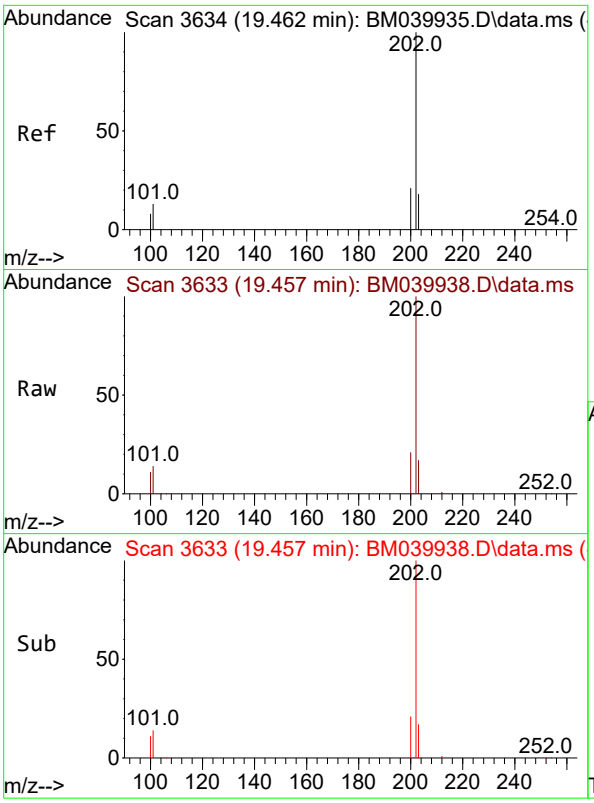


#16
Anthracene
Concen: 3.666 ng/ul
RT: 17.542 min Scan# 3200
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:178 Resp: 189669

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.3	15.4	23.2



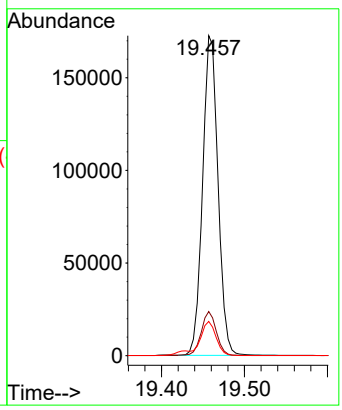


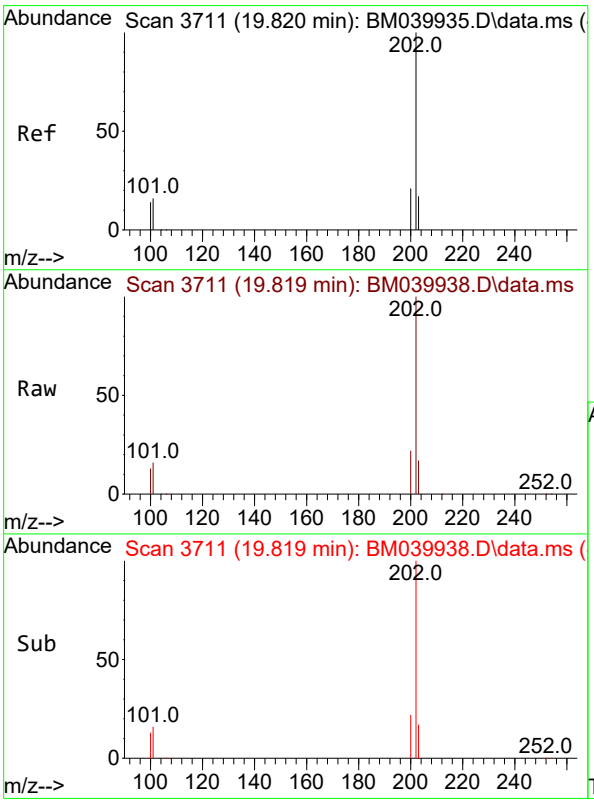
#19
Fluoranthene
Concen: 2.963 ng/ul
RT: 19.457 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:202 Resp: 222901

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.4	15.6
100	10.7	7.8	11.6

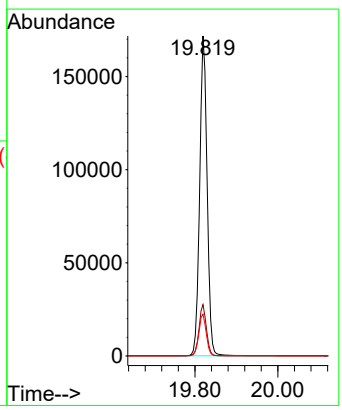


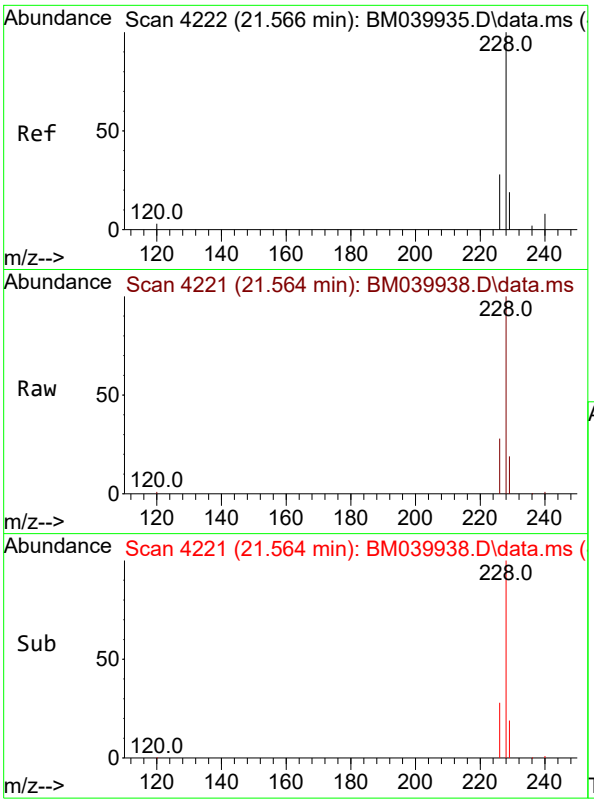


#20
Pyrene
Concen: 2.877 ng/ul
RT: 19.819 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:202 Resp: 214364

Ion	Ratio	Lower	Upper
202	100		
101	16.0	13.4	20.0
100	13.0	11.0	16.6



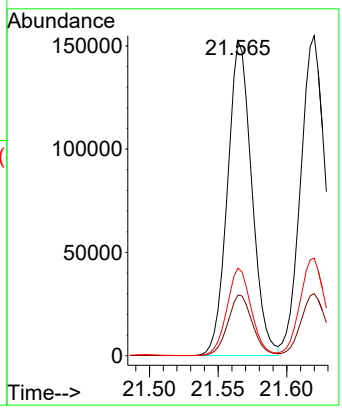


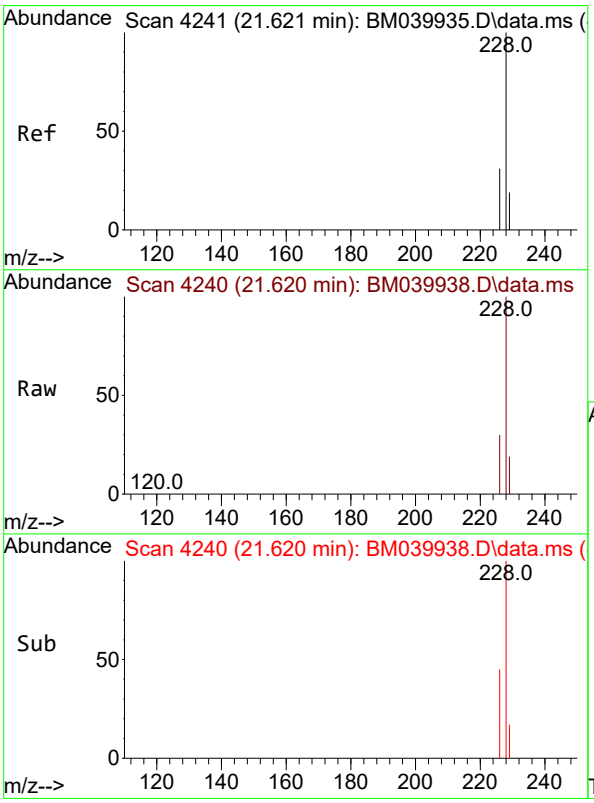
#21
Benzo(a)anthracene
Concen: 3.391 ng/ul
RT: 21.564 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:228 Resp: 187459

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	27.8	22.3	33.5

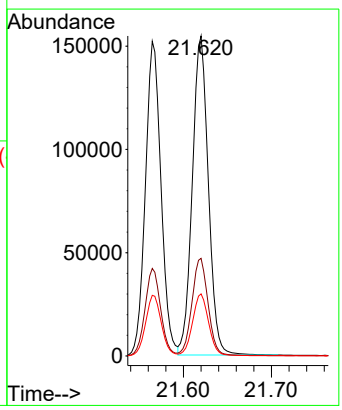


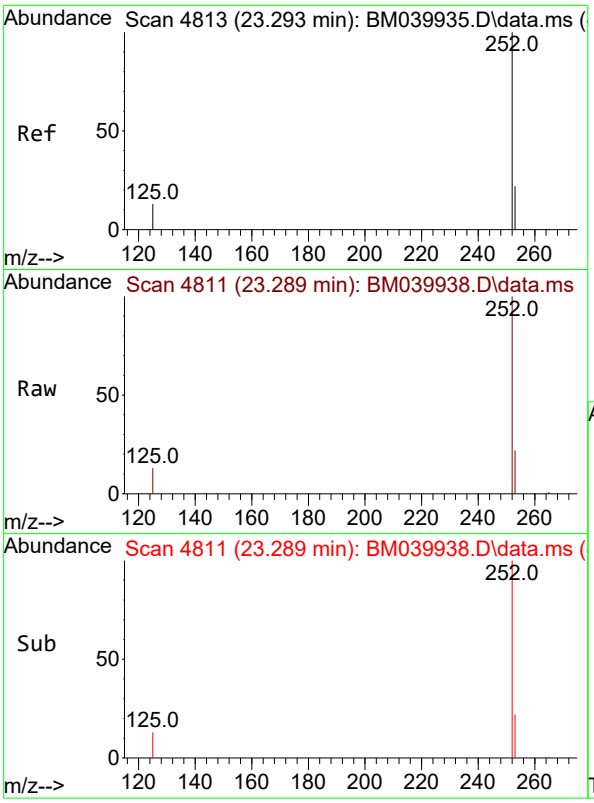


#22
Chrysene
Concen: 2.966 ng/ul
RT: 21.620 min Scan# 4240
Delta R.T. -0.001 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:228 Resp: 196266

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.4	15.6	23.4



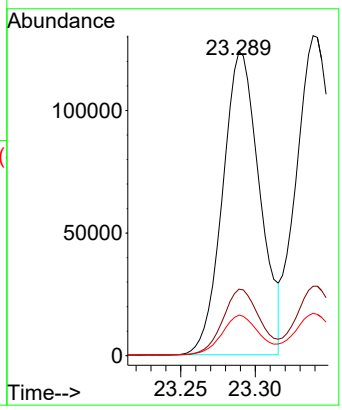


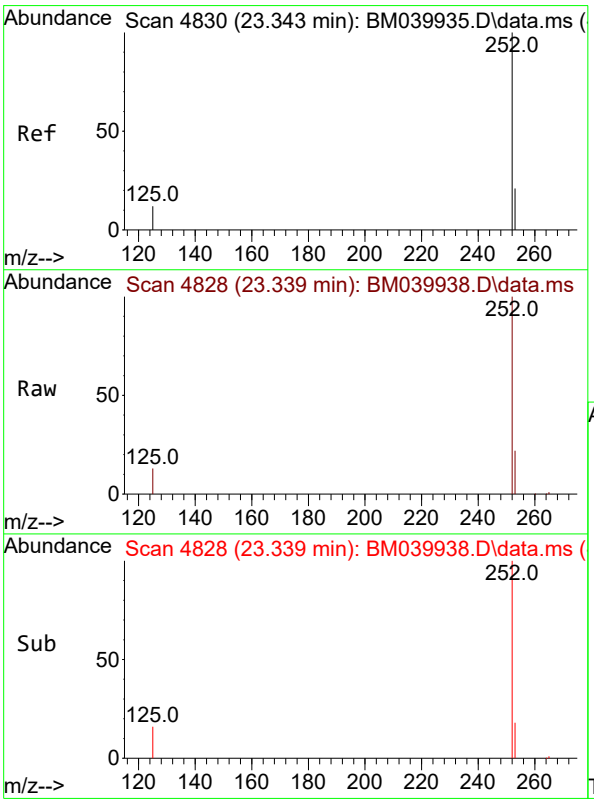
#24
Benzo(b)fluoranthene
Concen: 3.298 ng/ul
RT: 23.289 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 213726

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	47.6
125	13.3	0.0	32.6

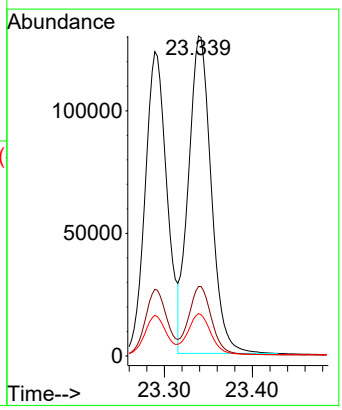


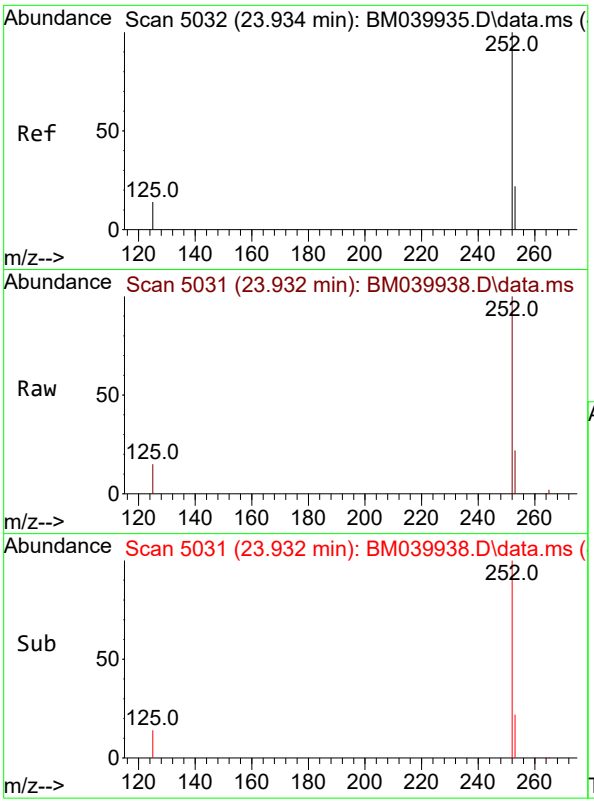


#25
Benzo(k)fluoranthene
Concen: 3.258 ng/ul
RT: 23.339 min Scan# 4828
Delta R.T. -0.004 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:252 Resp: 232619

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.3	12.9	19.3



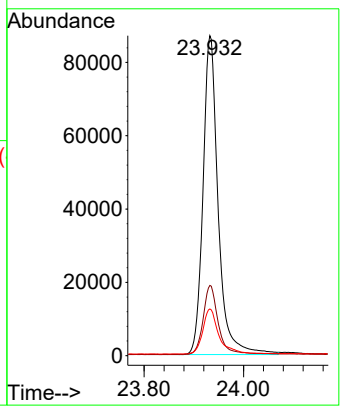


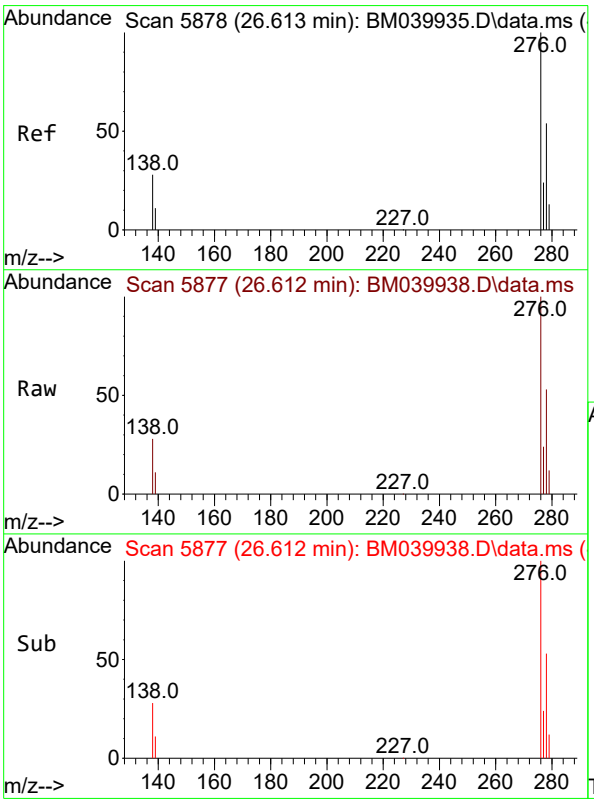
#26
Benzo(a)pyrene
Concen: 3.390 ng/ul
RT: 23.932 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:252 Resp: 184401

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.0	30.0
125	14.6	15.4	23.2#

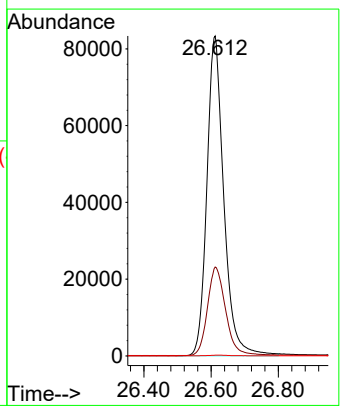


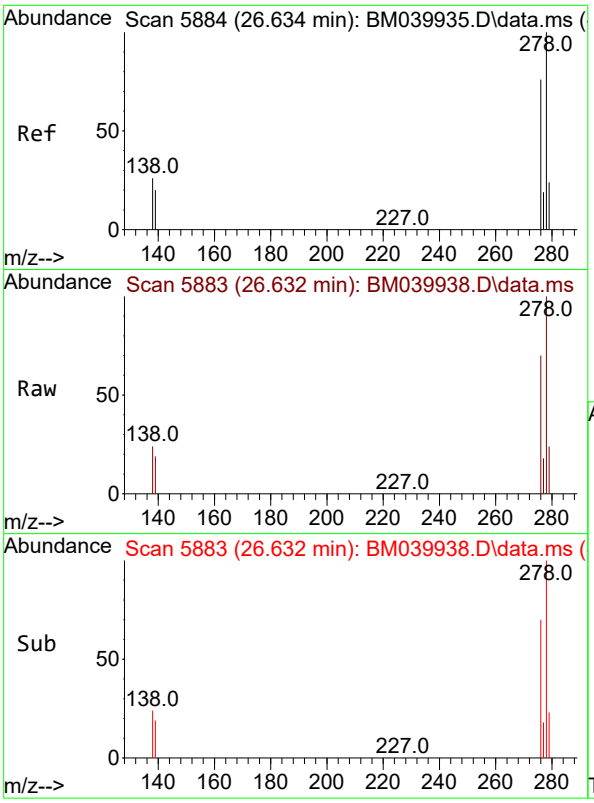


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.723 ng/ul
RT: 26.612 min Scan# 5877
Delta R.T. -0.002 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:276 Resp: 290423

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.3	36.5
227	0.2	0.2	0.2



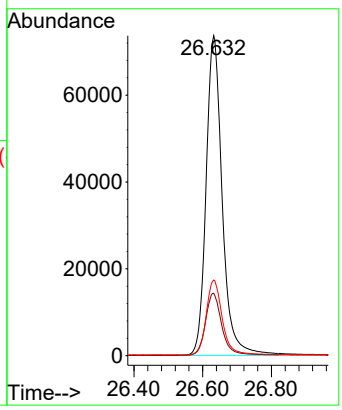


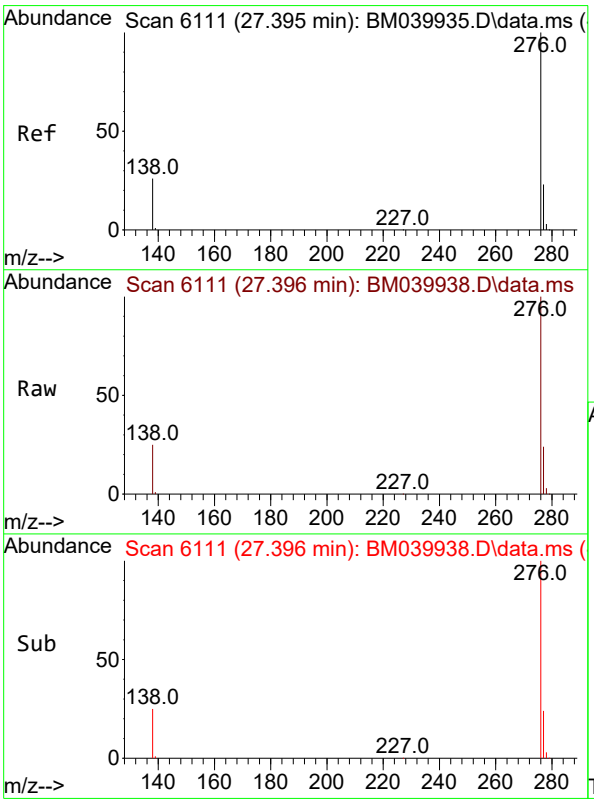
#28
Dibenzo(a,h)anthracene
Concen: 3.822 ng/ul
RT: 26.632 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

Tgt Ion:278 Resp: 240130

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.9	25.3
279	23.6	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 3.533 ng/ul
RT: 27.396 min Scan# 6111
Delta R.T. 0.002 min
Lab File: BM039938.D
Acq: 16 May 2023 17:26

Tgt Ion:276 Resp: 244508

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.4	33.6
277	23.8	19.5	29.3