Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038028.D
Acq On : 15 Dec 2022 12:46
Operator : CG/JU
Sample : SSTD3.209
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Quant Time: Dec 15 21:43:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:40:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3894	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	11648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	6638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	13324	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	10085	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	8629	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	15252	2.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	58472	3.544	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	116988	3.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	15423	2.839	ng/ul#	84
5) Naphthalene	10.928	128	117532	3.305	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	75331	3.590	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	79658	3.706	ng/ul	100
10) Acenaphthylene	14.407	152	119073	3.162	ng/ul	99
11) Acenaphthene	14.749	153	87353	3.236	ng/ul	99
12) Fluorene	15.726	166	98841	3.192	ng/ul	99
14) Pentachlorophenol	17.071	266	19541	3.450	ng/ul	99
15) Phenanthrene	17.464	178	149431	3.236	ng/ul	99
16) Anthracene	17.552	178	145124	3.436	ng/ul	99
19) Fluoranthene	19.469	202	167166	3.138	ng/ul	100
20) Pyrene	19.831	202	169124	3.126	ng/ul	99
21) Benzo(a)anthracene	21.568	228	141218	3.066	ng/ul	99
22) Chrysene	21.621	228	138213	2.890	ng/ul	99
24) Benzo(b)fluoranthene	23.284	252	137298	2.868	ng/ul	90
25) Benzo(k)fluoranthene	23.333	252	132722	2.956	ng/ul#	89
26) Benzo(a)pyrene	23.930	252	116041	2.986	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.606	276	137762	2.913	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.619	278	108176	2.977	ng/ul	94
29) Benzo(g,h,i)perylene	27.397	276	113783	2.896	ng/ul	99

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

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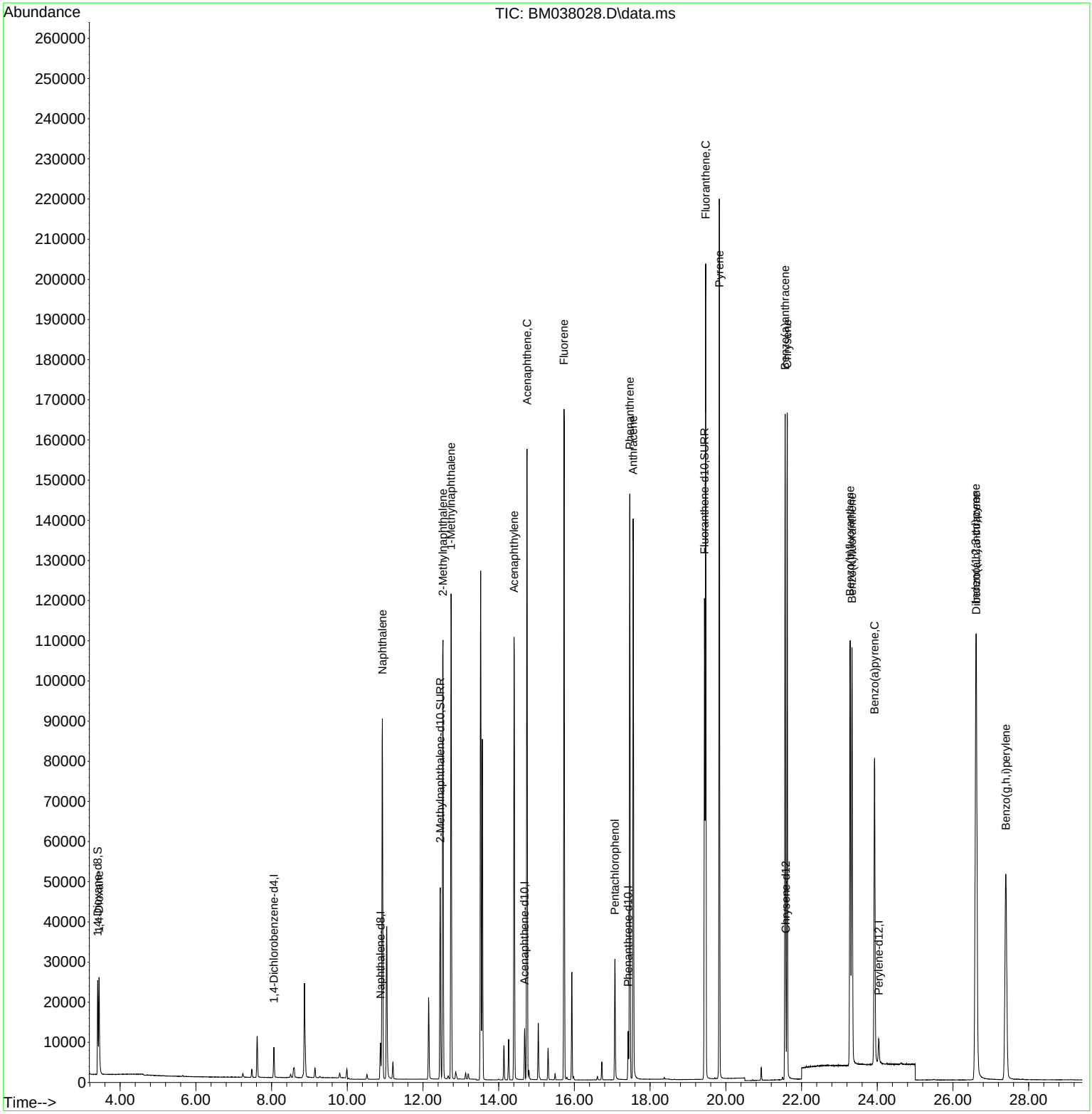
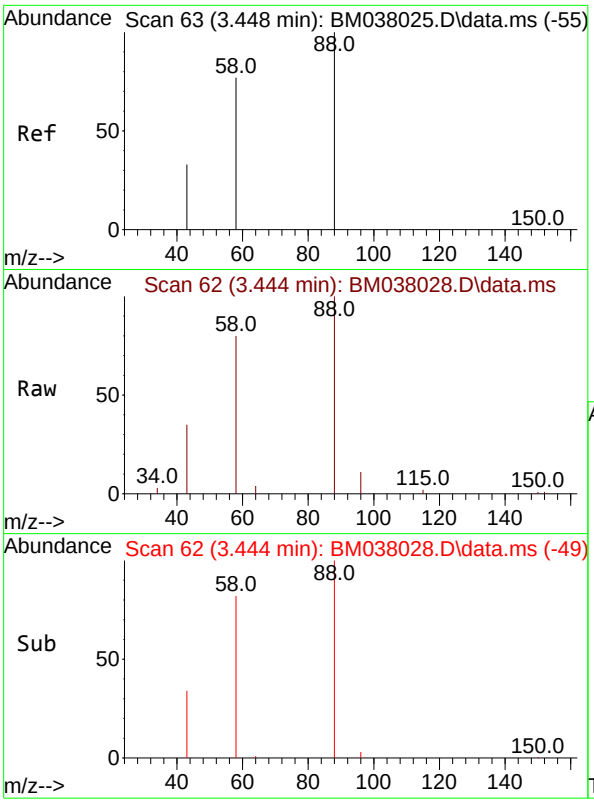


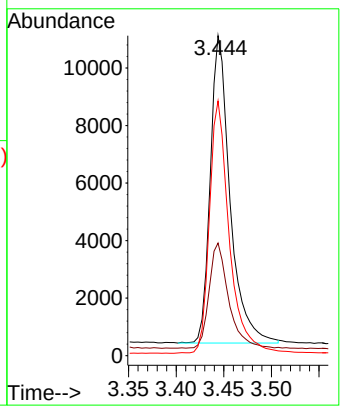


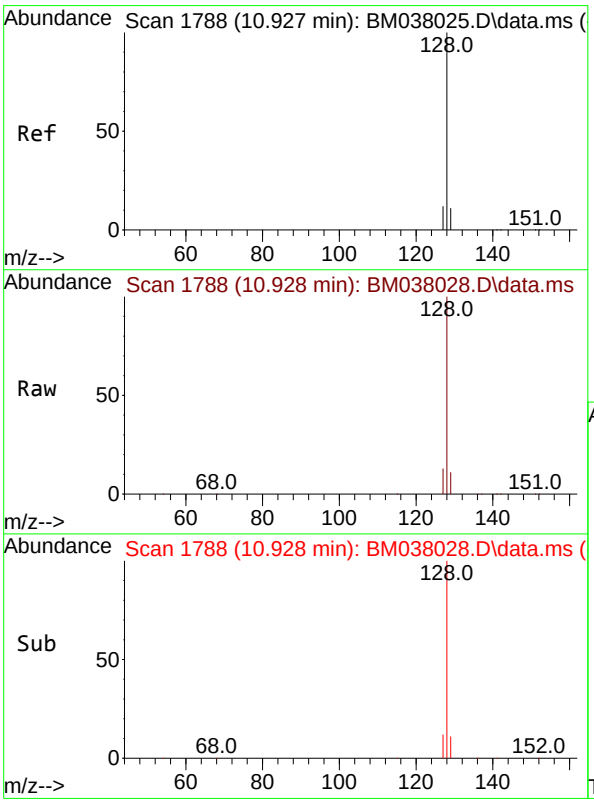
#2
1,4-Dioxane
Concen: 2.839 ng/ul
RT: 3.444 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion: 88 Resp: 15423

Ion	Ratio	Lower	Upper
88	100		
43	35.2	31.4	47.0
58	79.6	50.2	75.2#

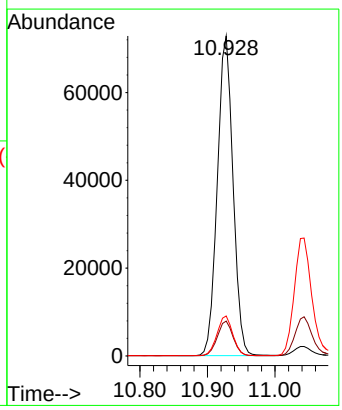


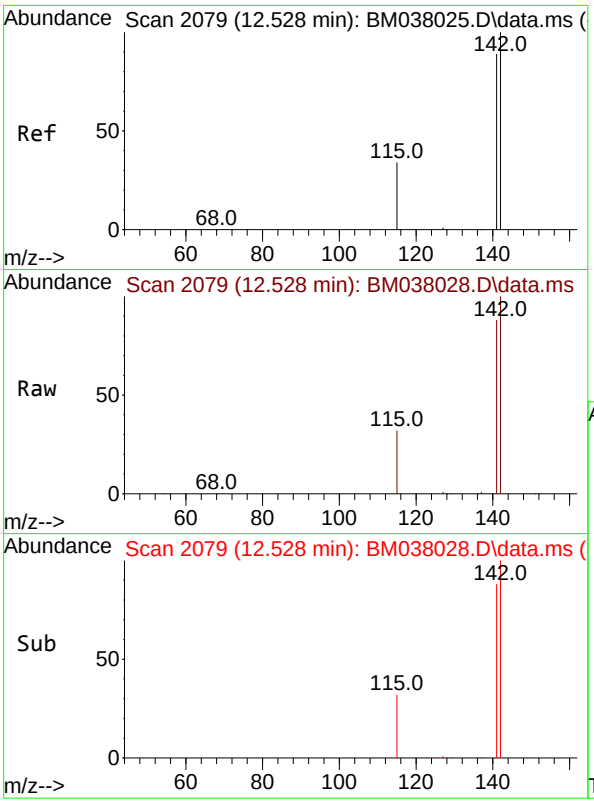


#5
Naphthalene
Concen: 3.305 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:128 Resp: 117532

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.5	10.4	15.6



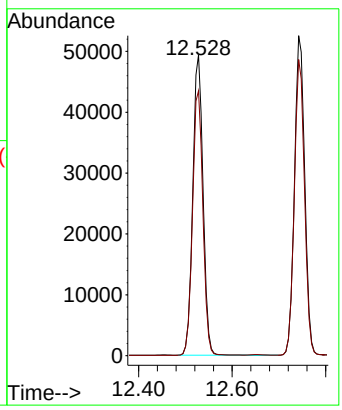


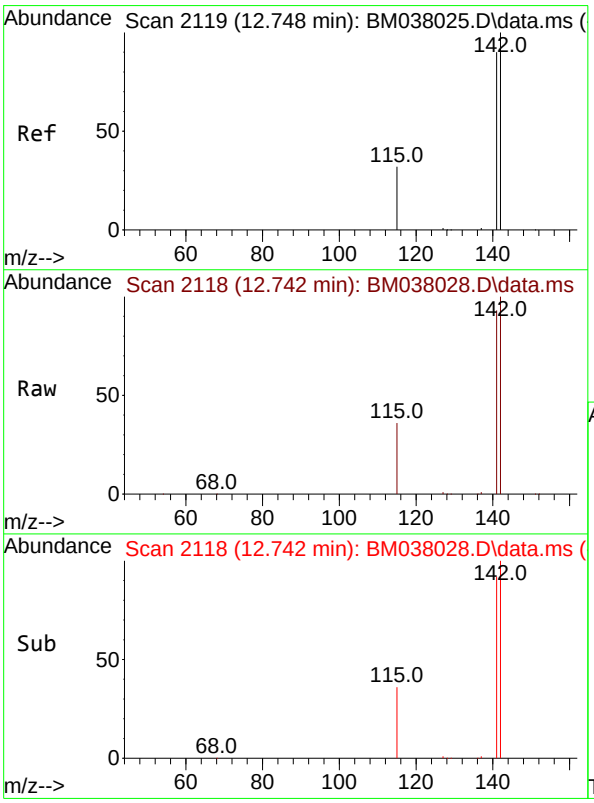
#7
2-Methylnaphthalene
Concen: 3.590 ng/ul
RT: 12.528 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:142 Resp: 75331

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6

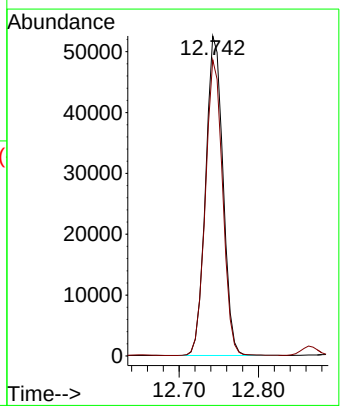


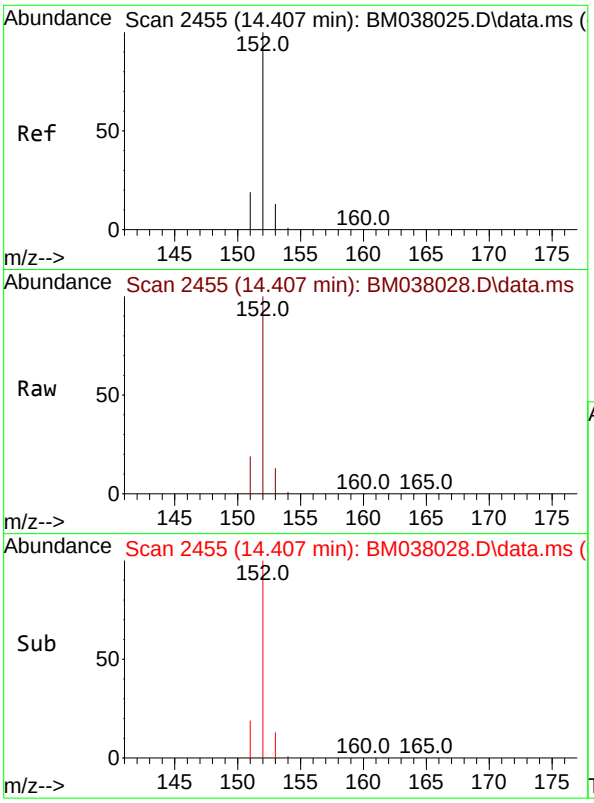


#8
1-Methylnaphthalene
Concen: 3.706 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:142 Resp: 79658

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4



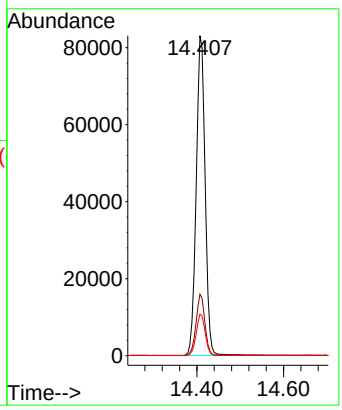


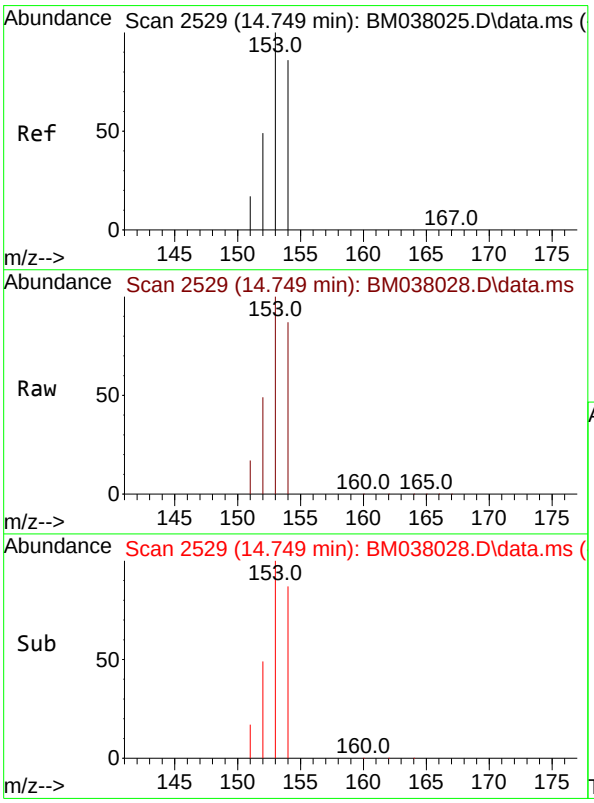
#10
Acenaphthylene
Concen: 3.162 ng/ul
RT: 14.407 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:152 Resp: 119073

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.0	11.0	16.4

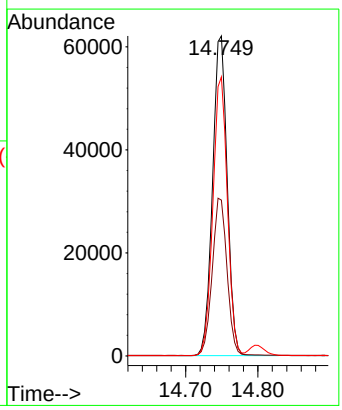


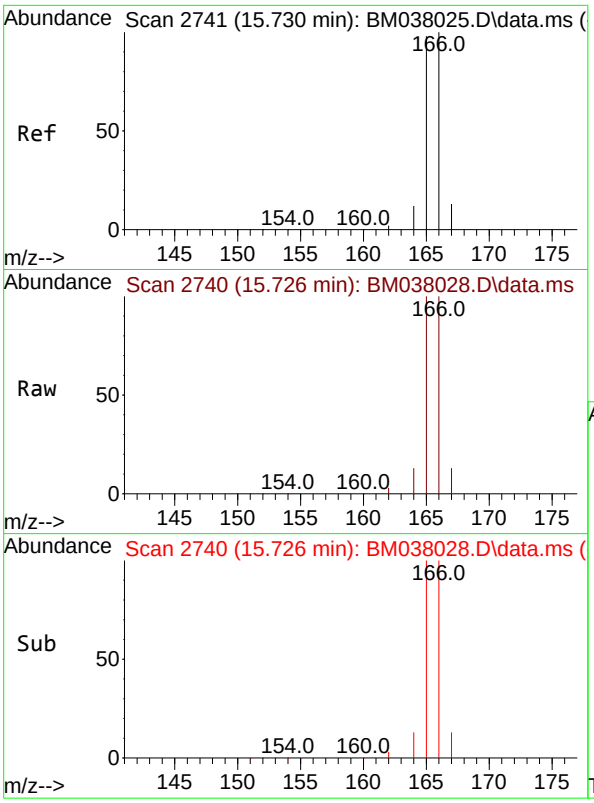


#11
Acenaphthene
Concen: 3.236 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:153 Resp: 87353

Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.5	59.3
154	87.2	69.2	103.8



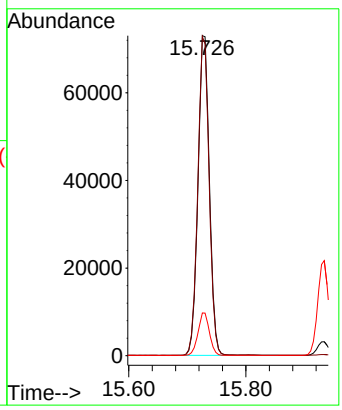


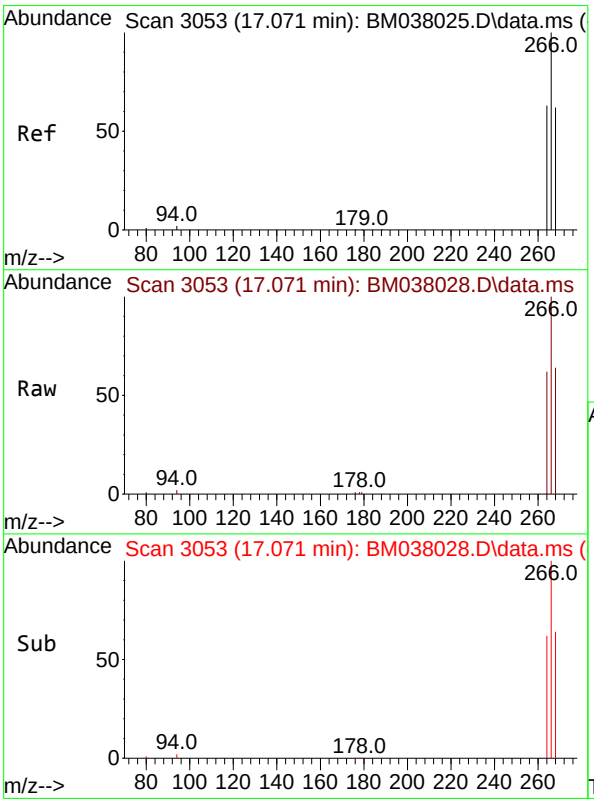
#12
Fluorene
Concen: 3.192 ng/ul
RT: 15.726 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:166 Resp: 98841

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.4	11.1	16.7

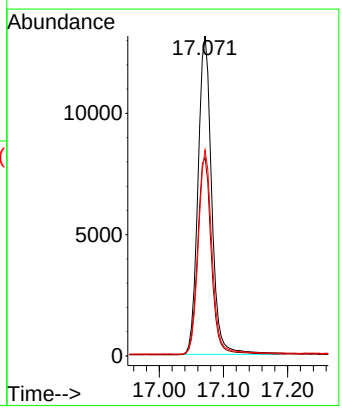


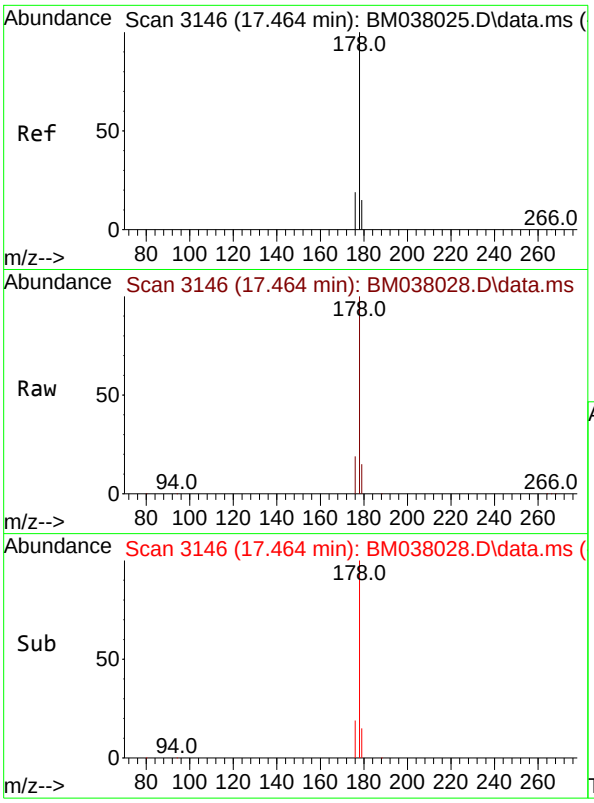


#14
Pentachlorophenol
Concen: 3.450 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:266 Resp: 19541

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.9	74.9
268	64.3	52.0	78.0



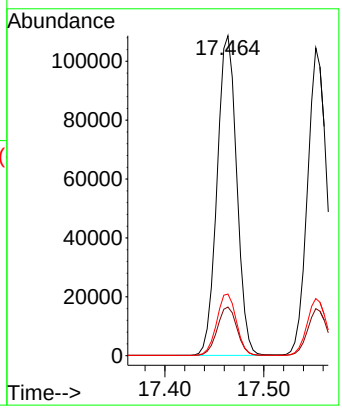


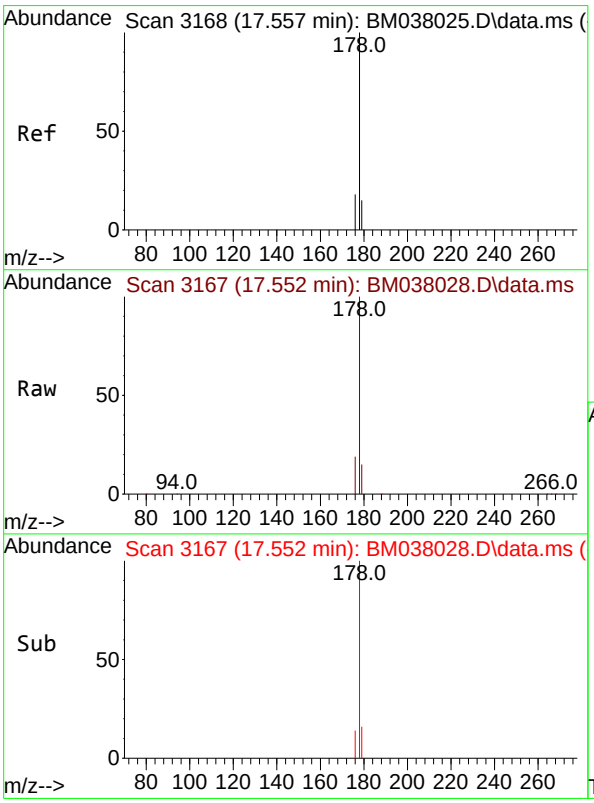
#15
Phenanthrene
Concen: 3.236 ng/ul
RT: 17.464 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:178 Resp: 149431

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	15.8	23.6

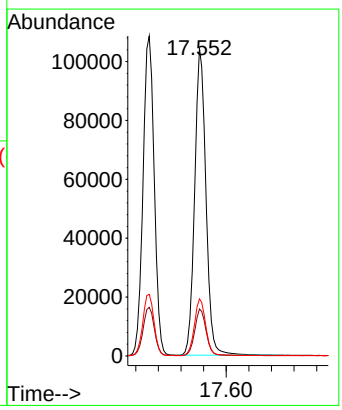


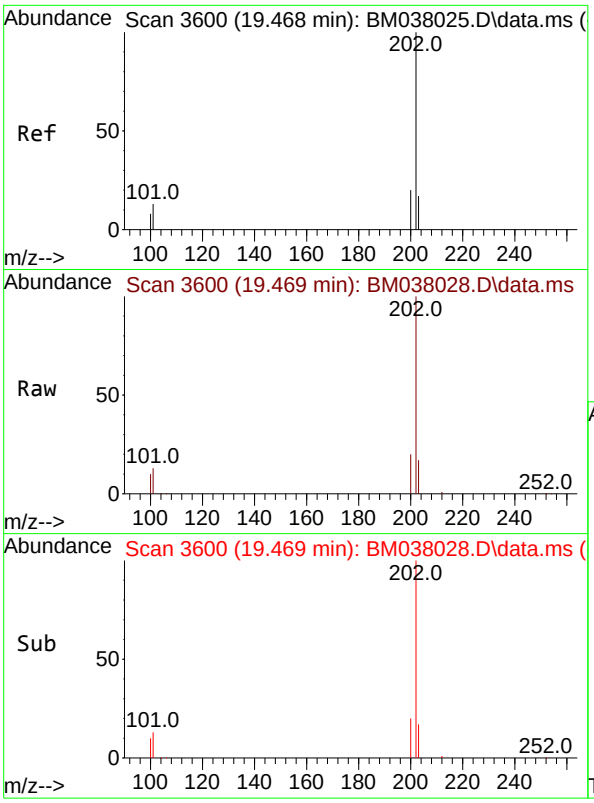


#16
Anthracene
Concen: 3.436 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:178 Resp: 145124

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	18.6	15.0	22.4



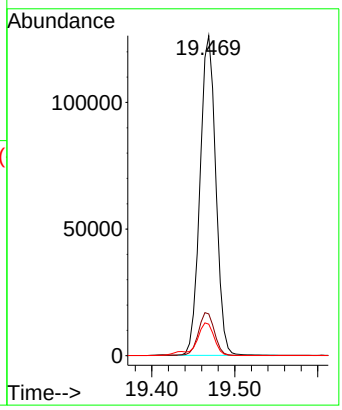


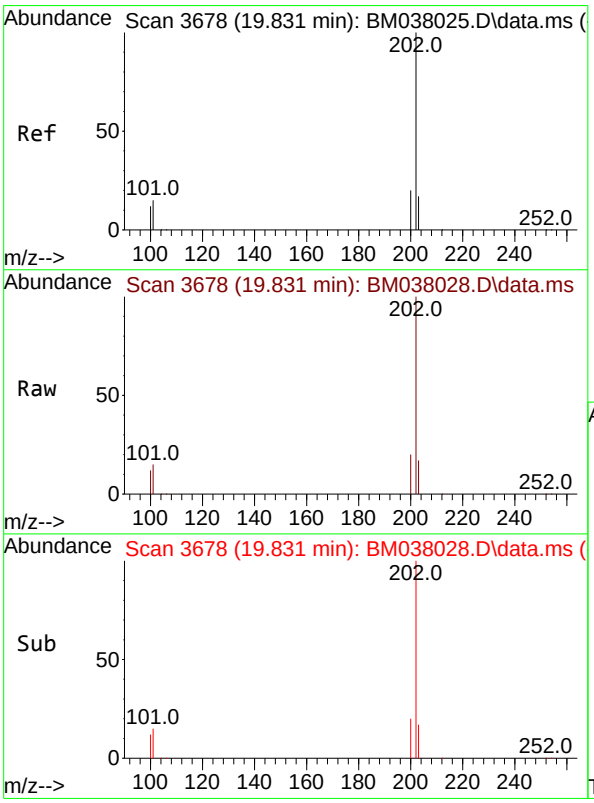
#19
Fluoranthene
Concen: 3.138 ng/ul
RT: 19.469 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:202 Resp: 167166

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	9.9	7.9	11.9

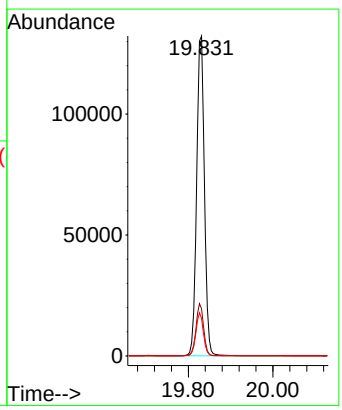


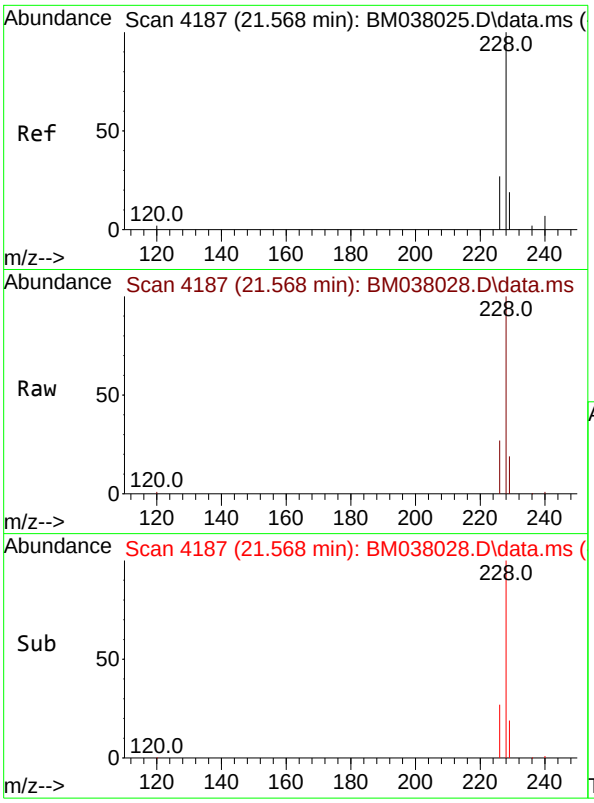


#20
Pyrene
Concen: 3.126 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:202 Resp: 169124

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.1	18.1
100	11.7	9.8	14.6



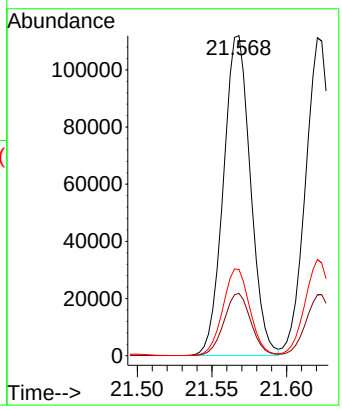


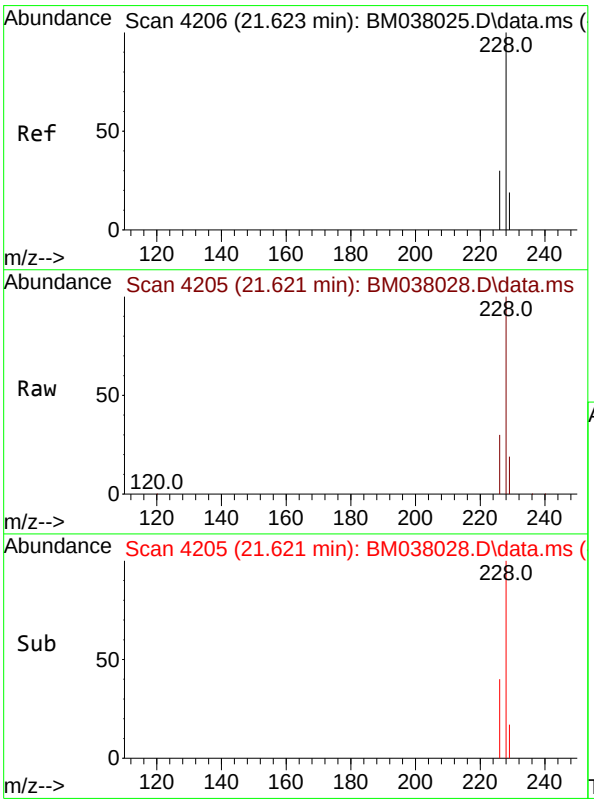
#21
Benzo(a)anthracene
Concen: 3.066 ng/ul
RT: 21.568 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:228 Resp: 141218

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	26.9	22.1	33.1

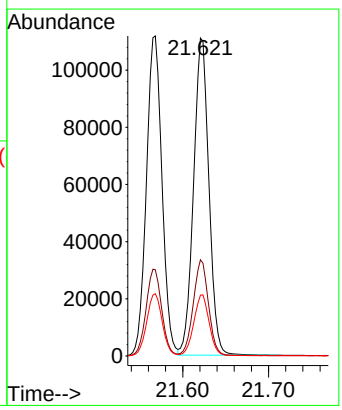


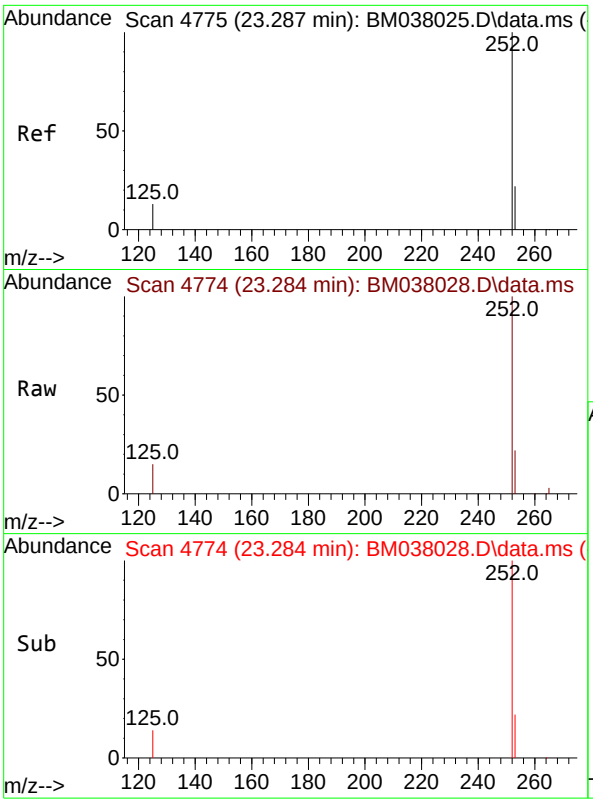


#22
Chrysene
Concen: 2.890 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:228 Resp: 138213

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.1	15.7	23.5



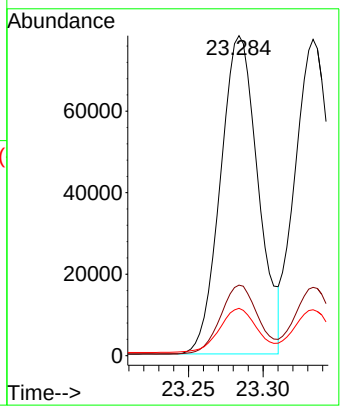


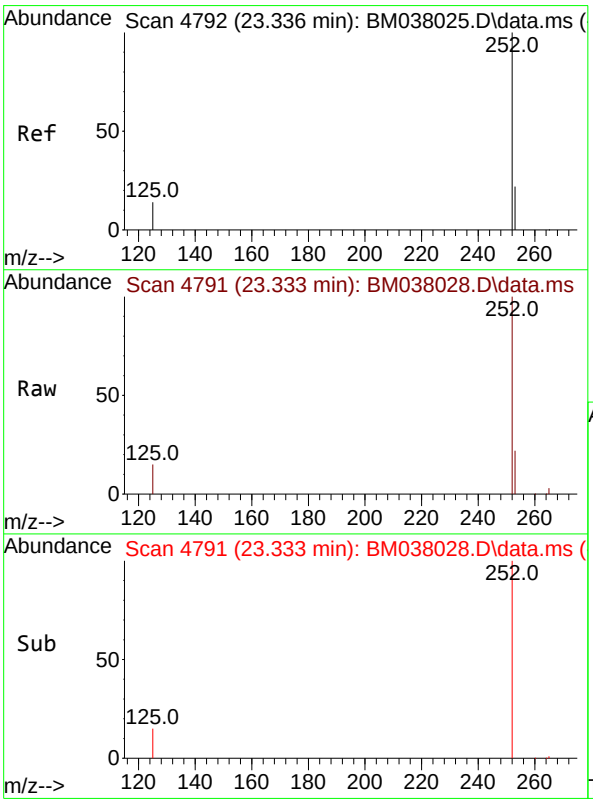
#24
Benzo(b)fluoranthene
Concen: 2.868 ng/ul
RT: 23.284 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 137298

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	51.8
125	14.8	0.0	42.2

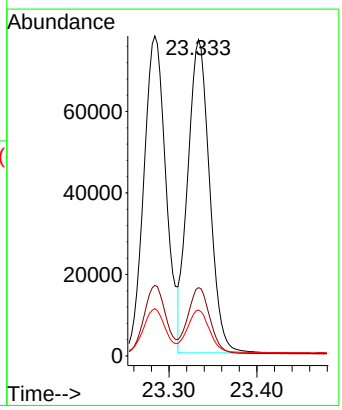


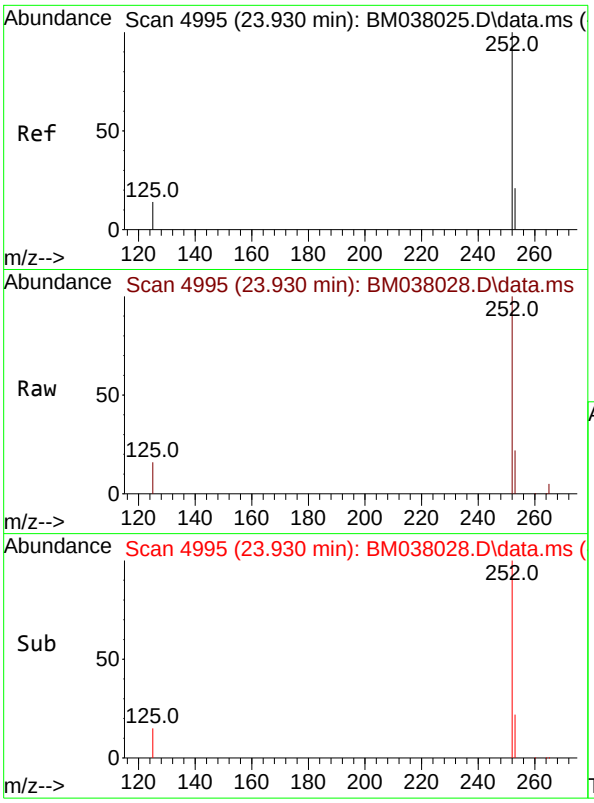


#25
Benzo(k)fluoranthene
Concen: 2.956 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:252 Resp: 132722

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.8	31.2
125	14.5	17.1	25.7#



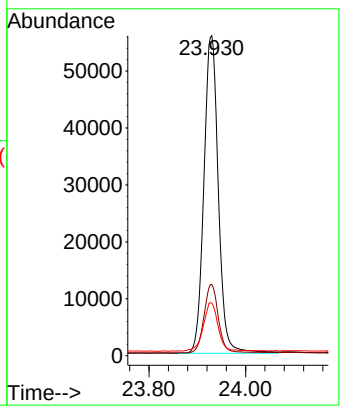


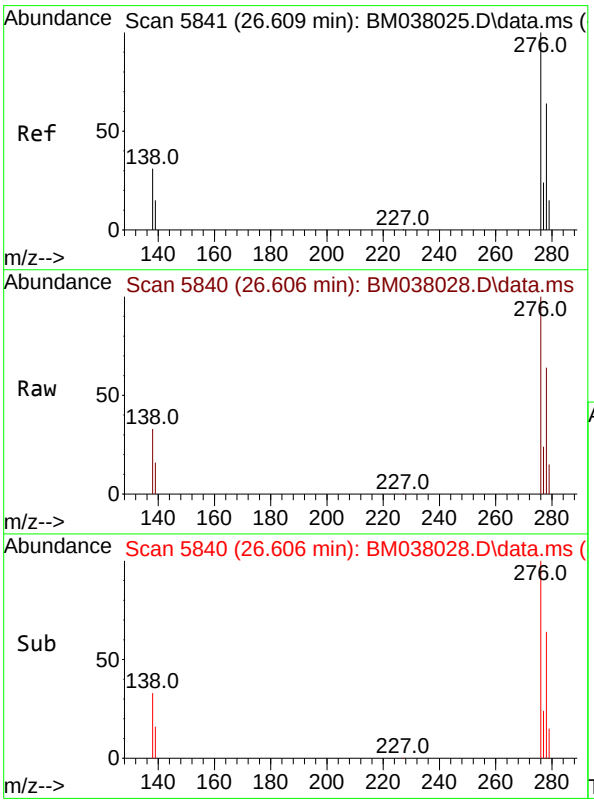
#26
Benzo(a)pyrene
Concen: 2.986 ng/ul
RT: 23.930 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 116041

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.9	32.9
125	16.4	20.7	31.1#

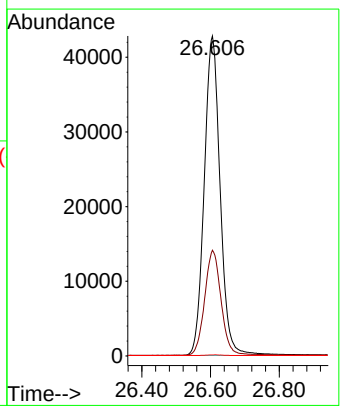


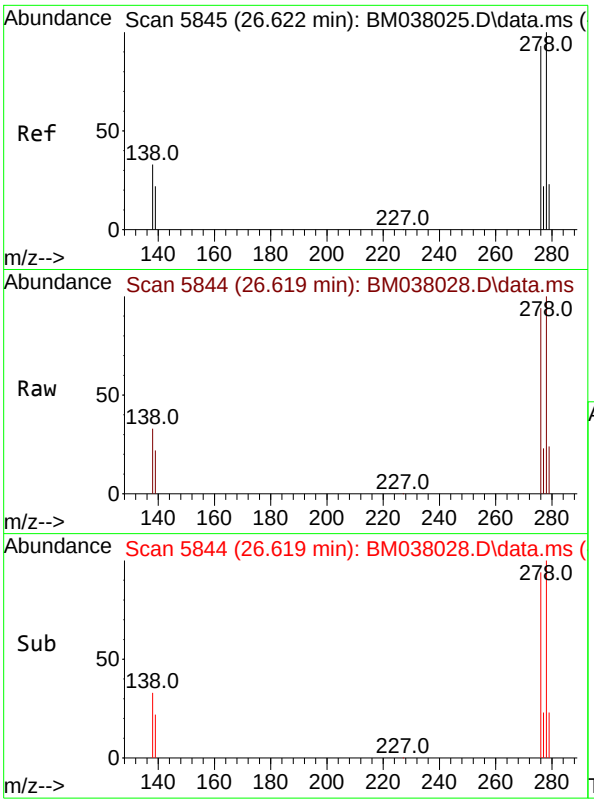


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:276 Resp: 137762

Ion	Ratio	Lower	Upper
276	100		
138	33.7	26.6	40.0
227	0.2	0.1	0.1#



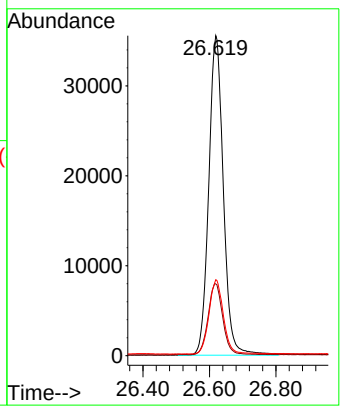


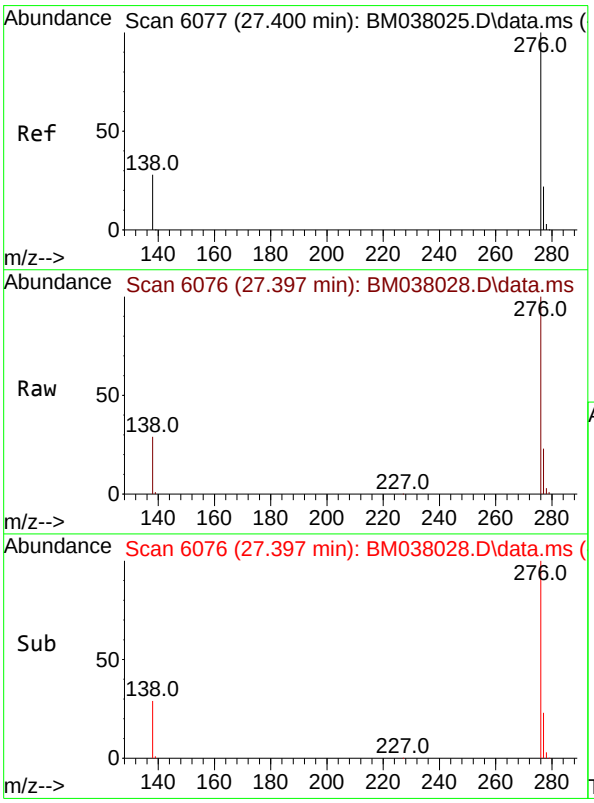
#28
Dibenzo(a,h)anthracene
Concen: 2.977 ng/ul
RT: 26.619 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:278 Resp: 108176

Ion	Ratio	Lower	Upper
278	100		
139	22.4	19.0	28.6
279	23.8	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 2.896 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038028.D
Acq: 15 Dec 2022 12:46

Tgt Ion:276 Resp: 113783

Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.1	36.1
277	23.4	19.0	28.6