Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038256.D
Acq On : 24 Dec 2022 05:57
Operator : CG/JU
Sample : N6015-10
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 02:53:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12335	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	14277	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9719	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	9471	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	19834	4.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	5989	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	11660	0.320	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	91	0.022	ng/ul#	52
5) Naphthalene	10.895	128	19324	0.535	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	3990	0.177	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	1421	0.062	ng/ul	96
10) Acenaphthylene	14.384	152	15327	0.392	ng/ul	99
11) Acenaphthene	14.722	153	1554	0.056	ng/ul	95
12) Fluorene	15.702	166	1621	0.054	ng/ul#	95
15) Phenanthrene	17.438	178	38779	0.812	ng/ul	99
16) Anthracene	17.531	178	12944	0.282	ng/ul	99
19) Fluoranthene	19.450	202	110388	2.073	ng/ul	98
20) Pyrene	19.812	202	89902	1.671	ng/ul	97
21) Benzo(a)anthracene	21.550	228	58160	1.364	ng/ul	97
22) Chrysene	21.606	228	58157	1.402	ng/ul	98
24) Benzo(b)fluoranthene	23.266	252	100404	2.395	ng/ul	89
26) Benzo(a)pyrene	23.909	252	59683	1.632	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.565	276	48878	0.963	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.575	278	12004	0.305	ng/ul	92
29) Benzo(g,h,i)perylene	27.360	276	47681	1.117	ng/ul	97

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

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QLast Update : Sat Dec 24 05:23:31 2022
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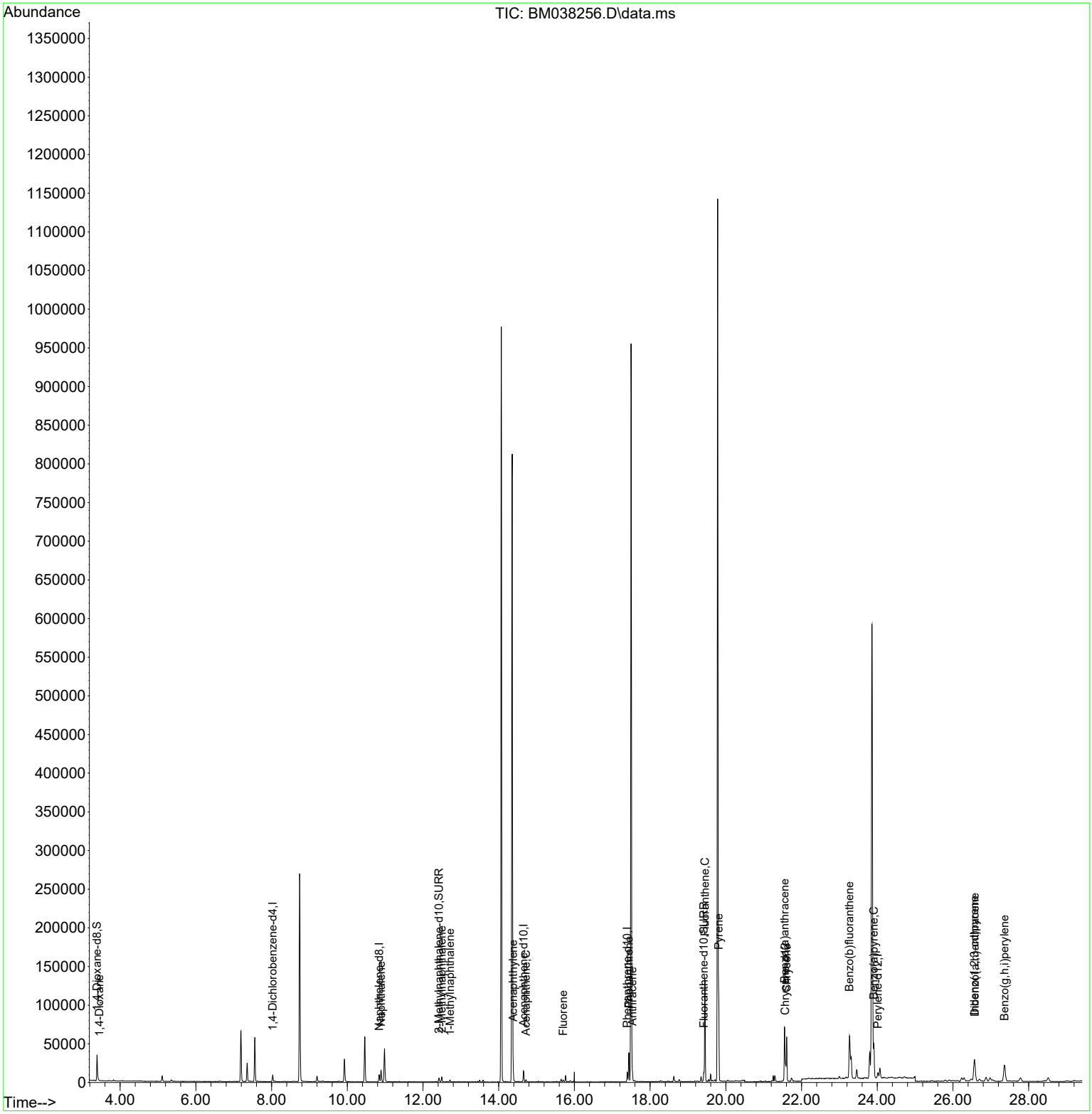
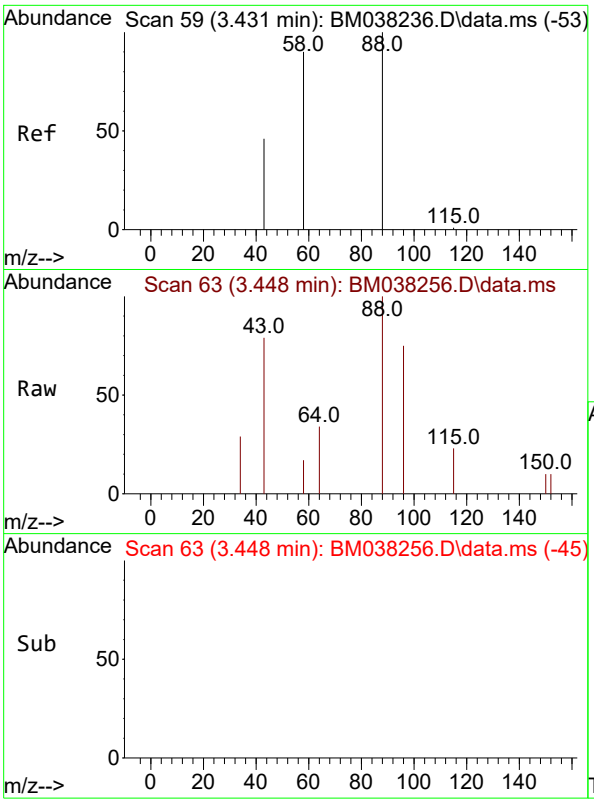


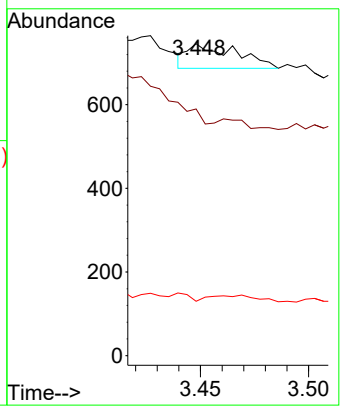


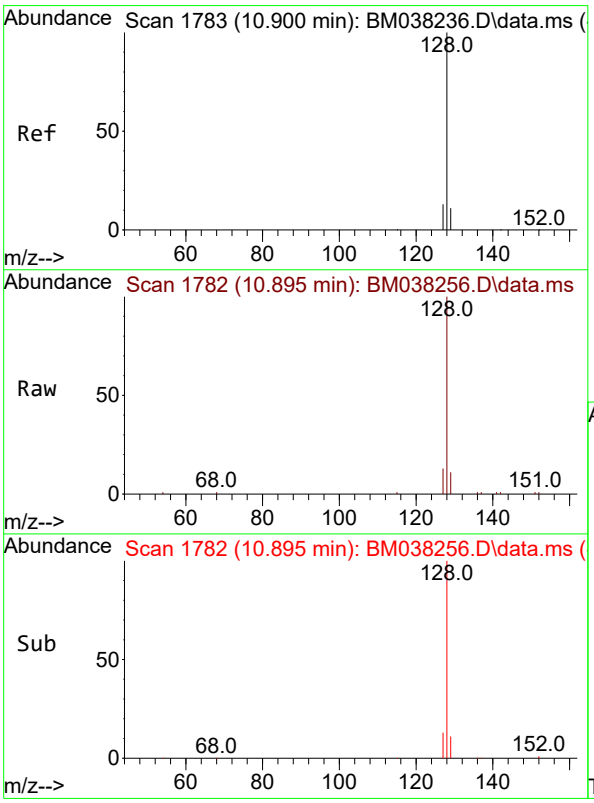
#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. 0.017 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 91

Ion	Ratio	Lower	Upper
88	100		
43	79.1	46.4	69.6#
58	17.4	56.9	85.3#

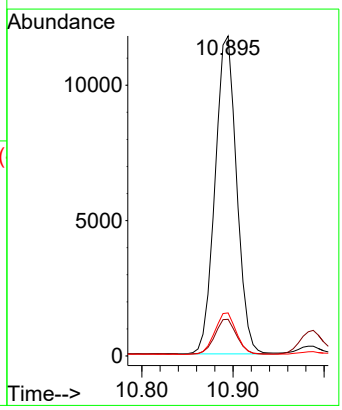


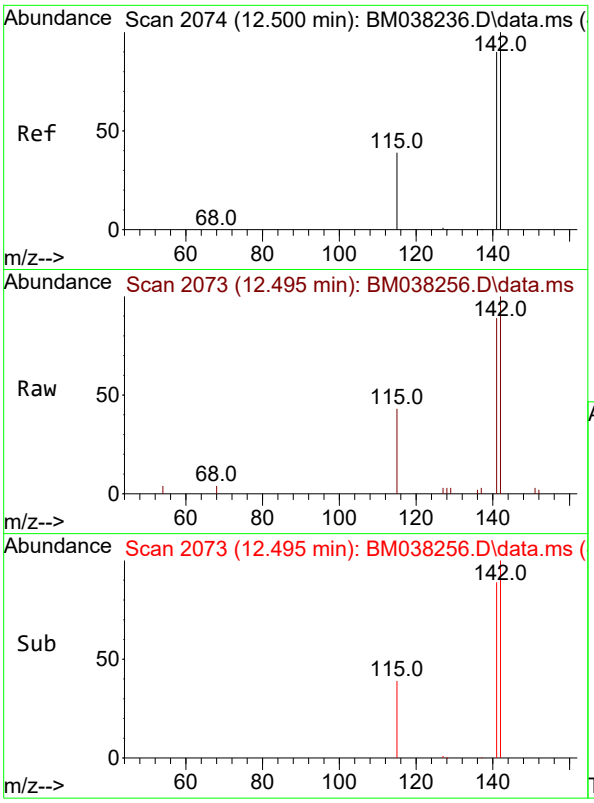


#5
Naphthalene
Concen: 0.535 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:128 Resp: 19324

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.4	10.7	16.1



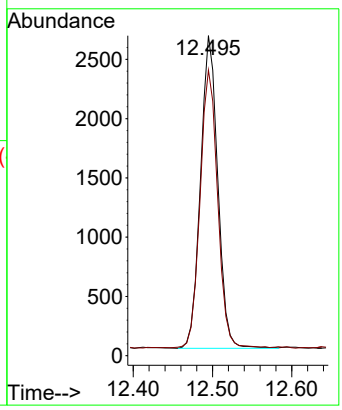


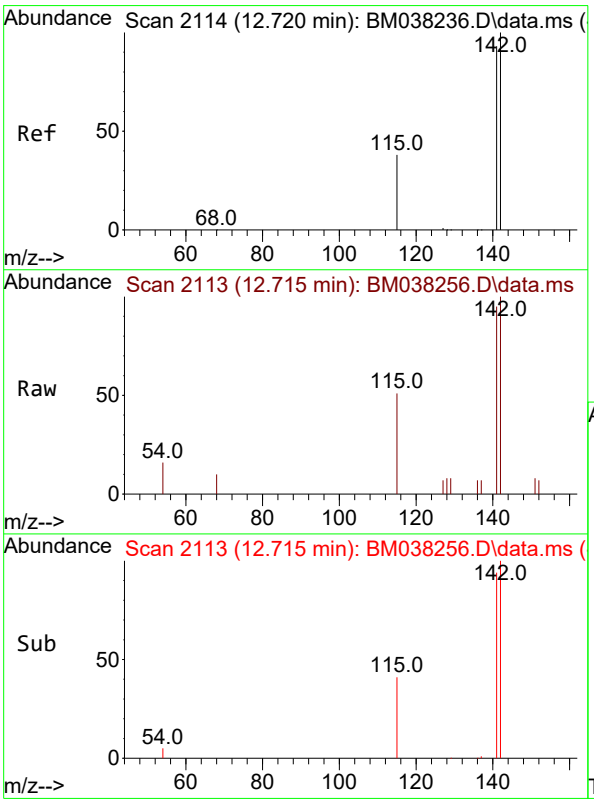
#7
2-Methylnaphthalene
Concen: 0.177 ng/ul
RT: 12.495 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 3990

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9

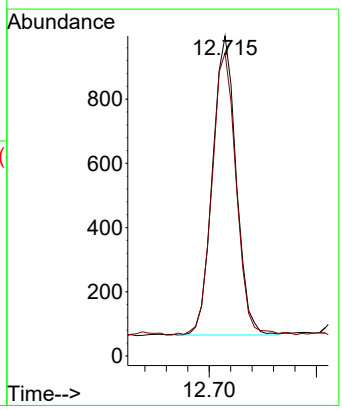


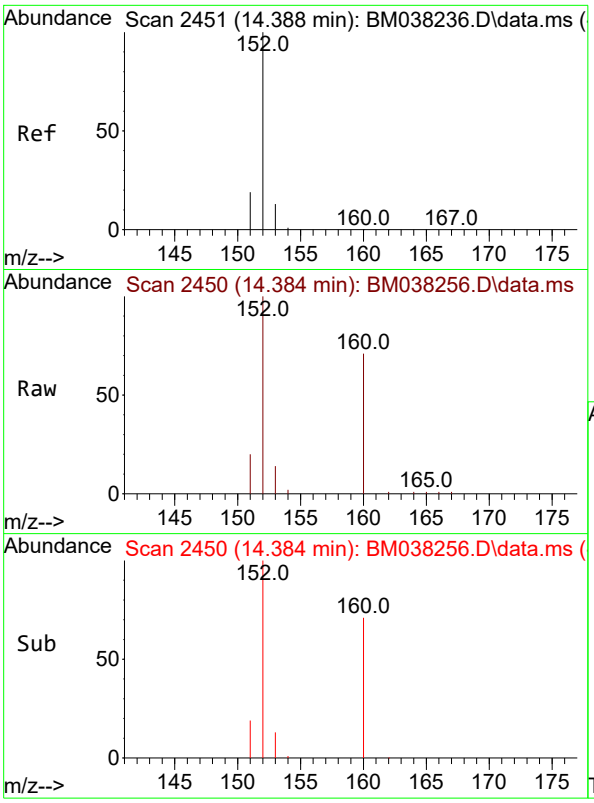


#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:142 Resp: 1421

Ion	Ratio	Lower	Upper
142	100		
141	96.8	74.7	112.1



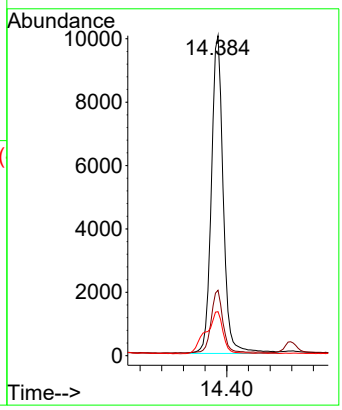


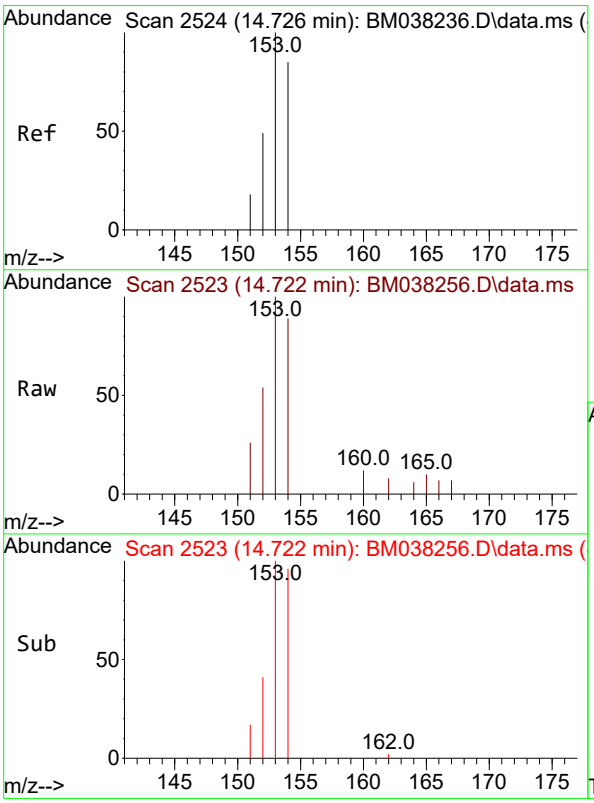
#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.384 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 15327

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.8	10.7	16.1

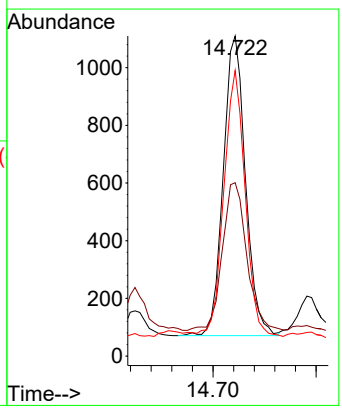


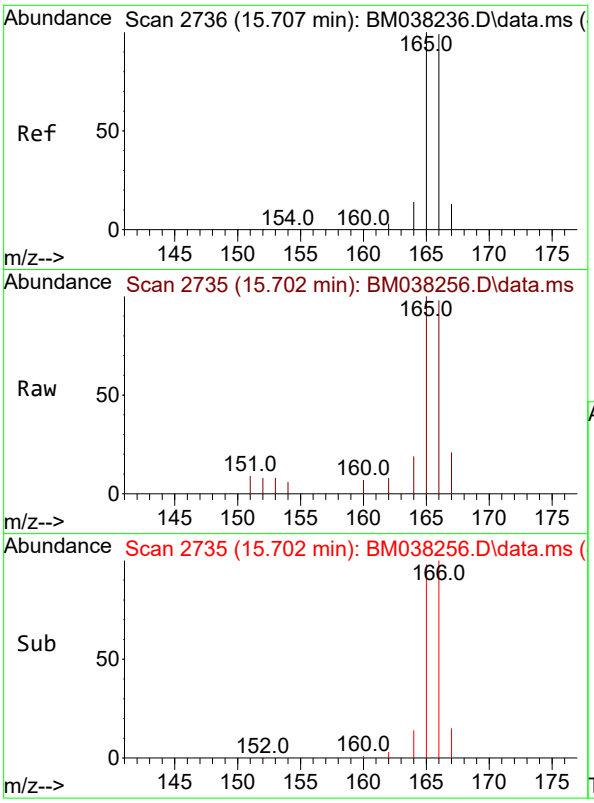


#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.722 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:153 Resp: 1554

Ion	Ratio	Lower	Upper
153	100		
152	54.1	39.4	59.0
154	89.2	69.0	103.4



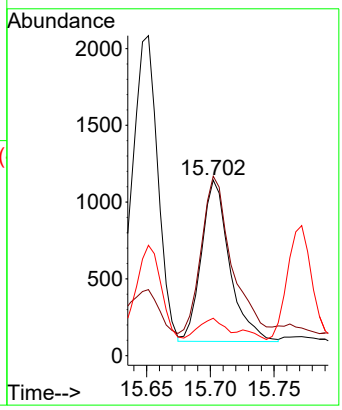


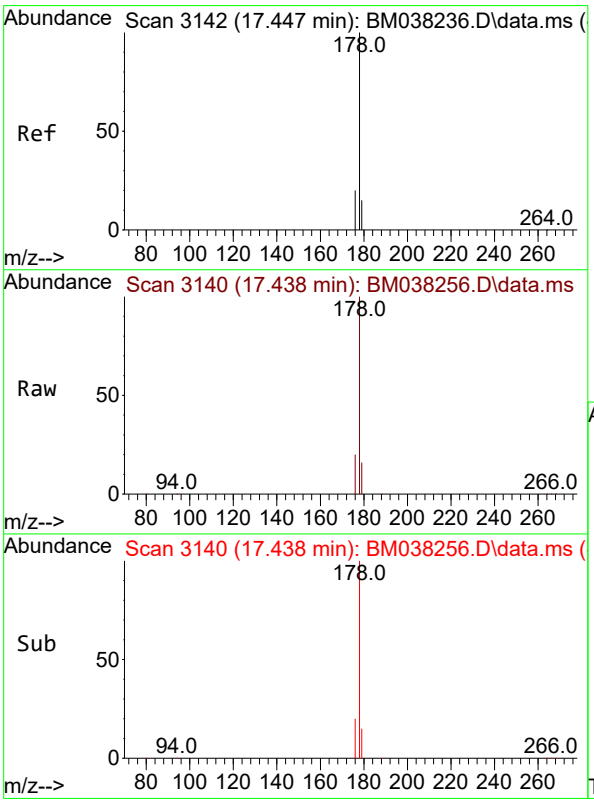
#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.702 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1621

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.0	118.6
167	21.3	11.0	16.6#

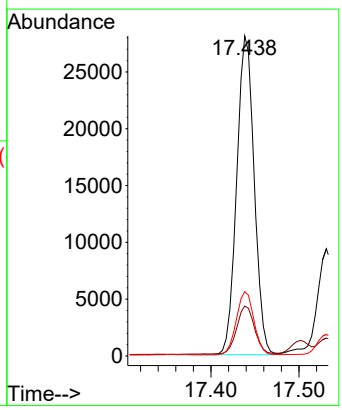


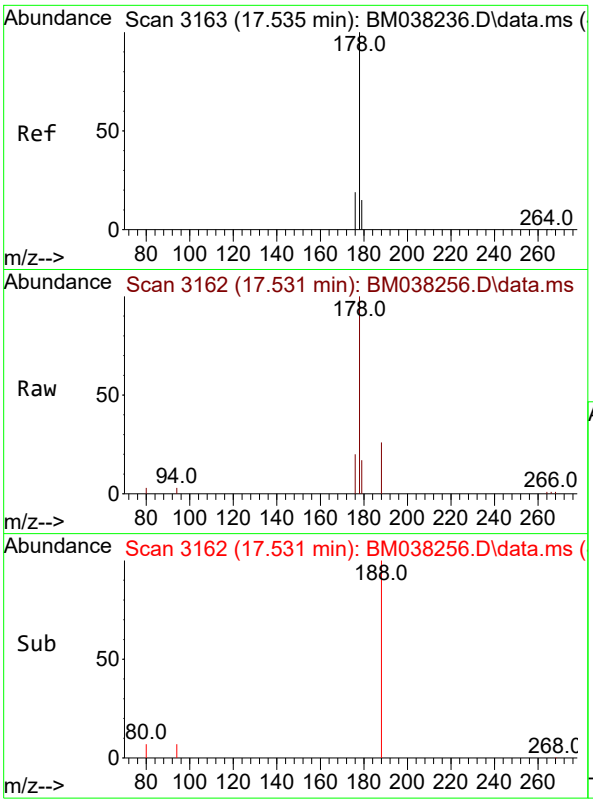


#15
Phenanthrene
Concen: 0.812 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:178 Resp: 38779

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	20.1	16.2	24.4



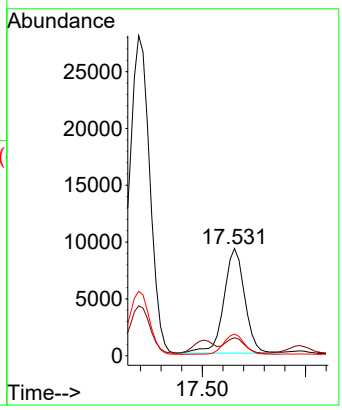


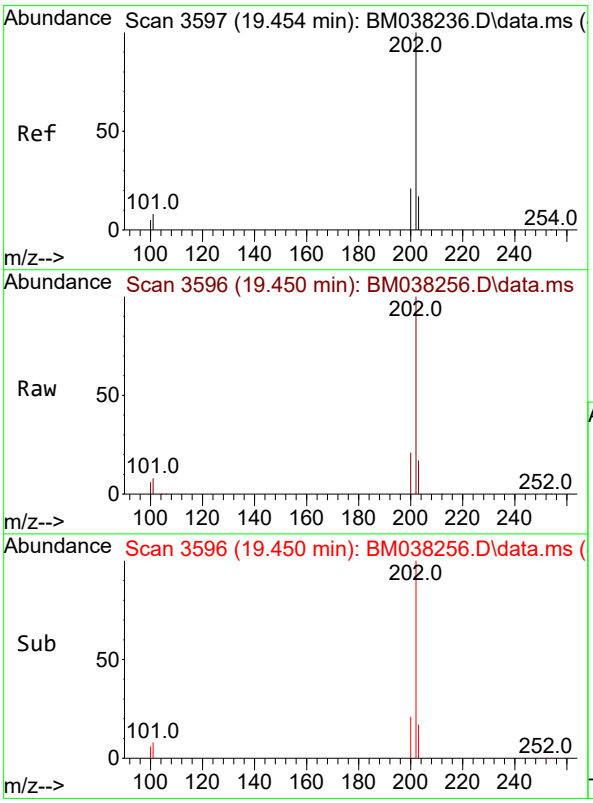
#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.531 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 12944

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	20.2	15.6	23.4

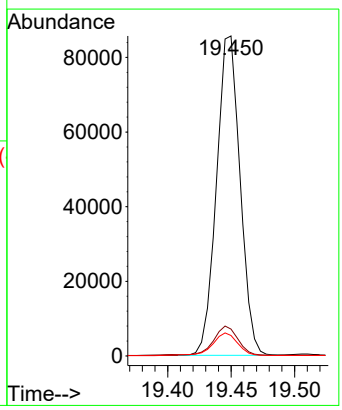


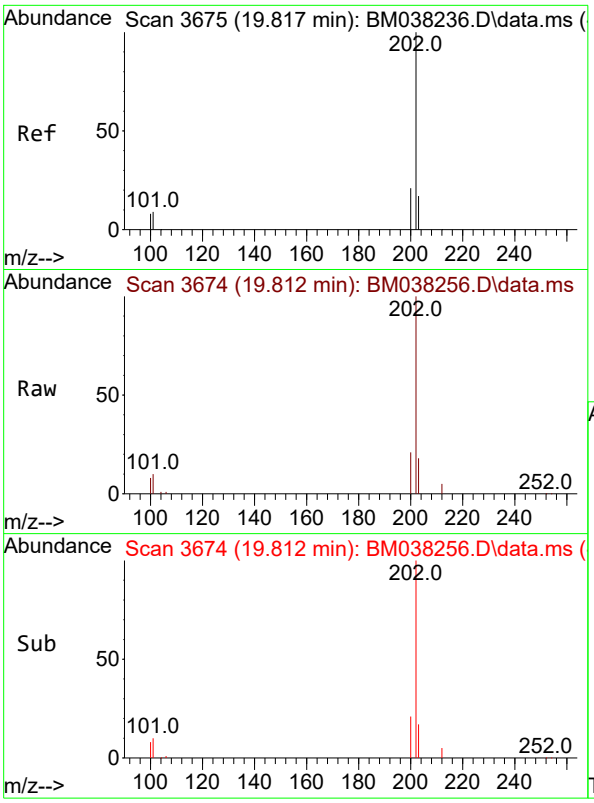


#19
Fluoranthene
Concen: 2.073 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:202 Resp: 110388

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.5	11.3
100	6.4	5.6	8.4



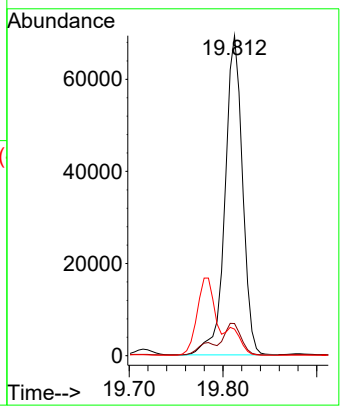


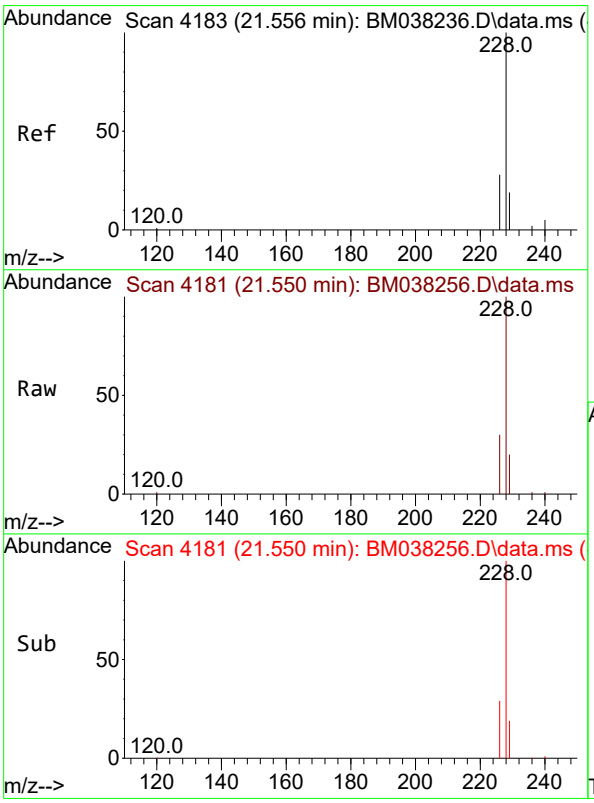
#20
Pyrene
Concen: 1.671 ng/ul
RT: 19.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 89902

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.9	13.3
100	8.3	7.4	11.0

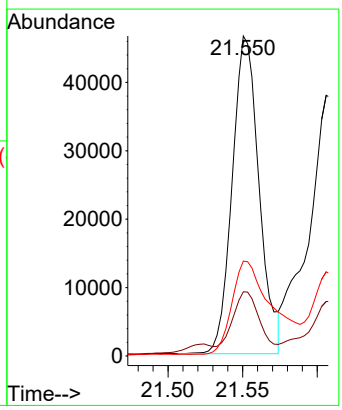


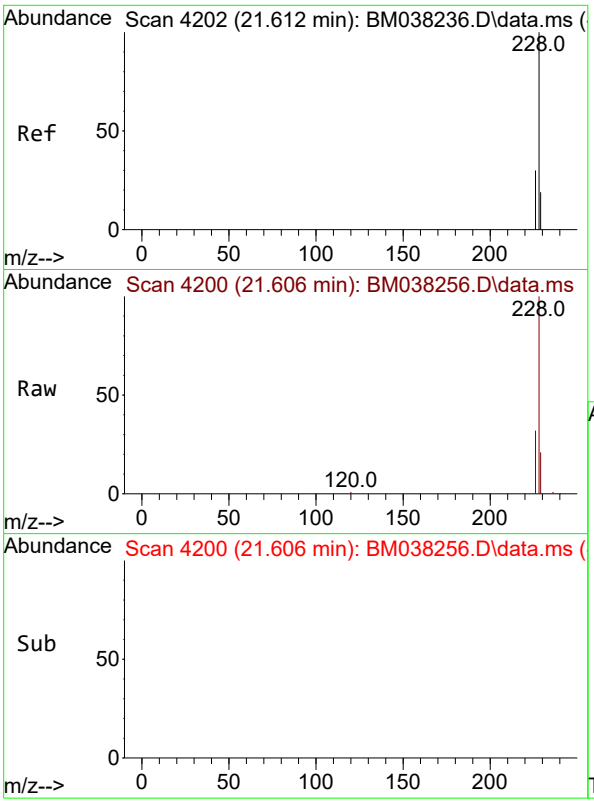


#21
Benzo(a)anthracene
Concen: 1.364 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:228 Resp: 58160

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	29.6	22.2	33.2



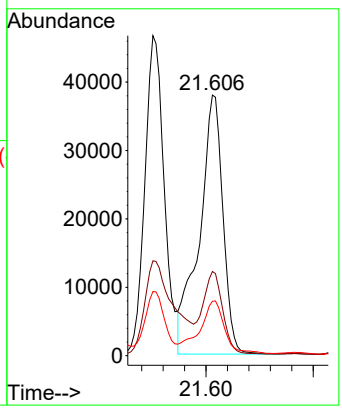


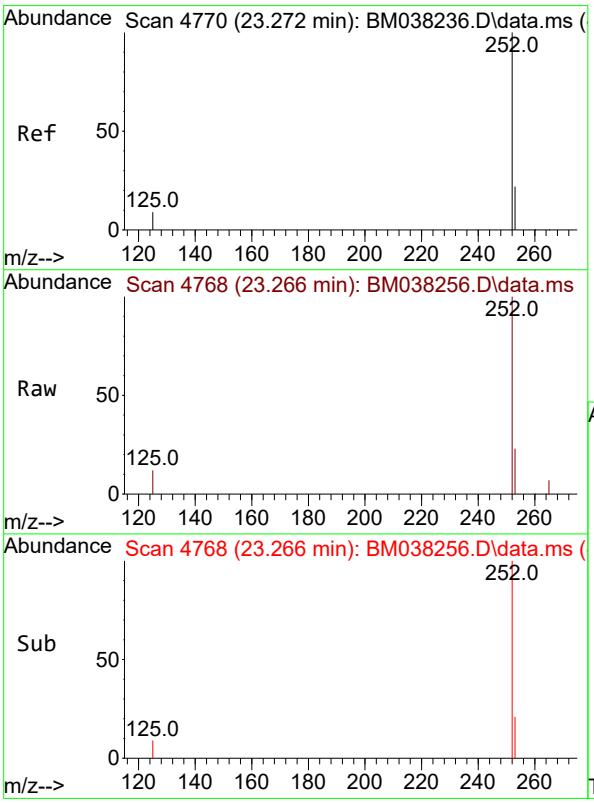
#22
Chrysene
Concen: 1.402 ng/ul
RT: 21.606 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 58157

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.4
229	20.9	16.0	24.0

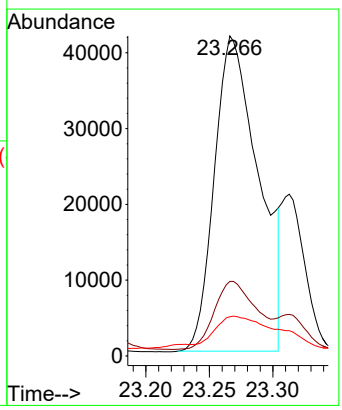


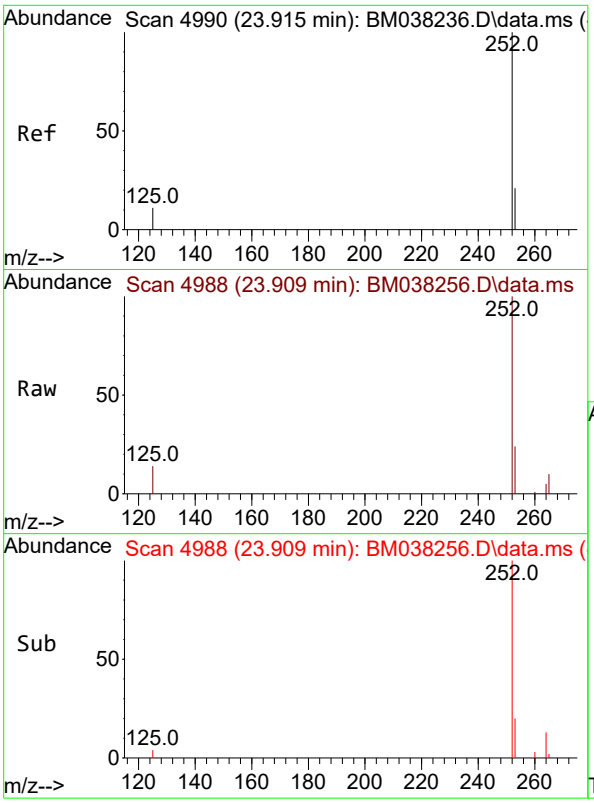


#24
Benzo(b)fluoranthene
Concen: 2.395 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:252 Resp: 100404

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	56.0
125	12.3	0.0	36.6



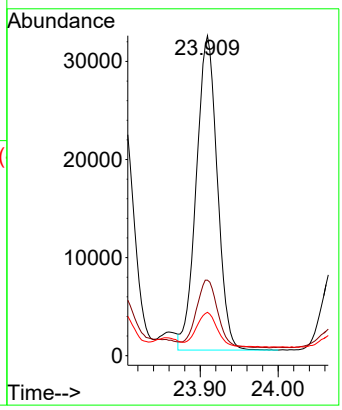


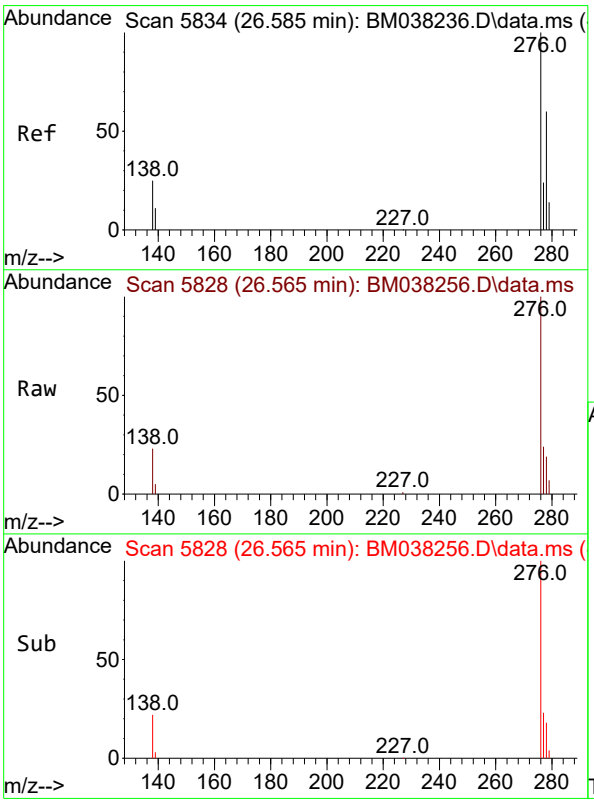
#26
Benzo(a)pyrene
Concen: 1.632 ng/ul
RT: 23.909 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 59683

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.2	36.4#
125	13.6	17.3	25.9#

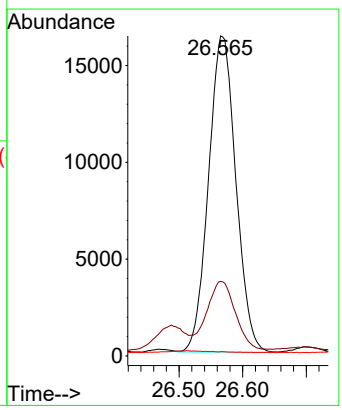


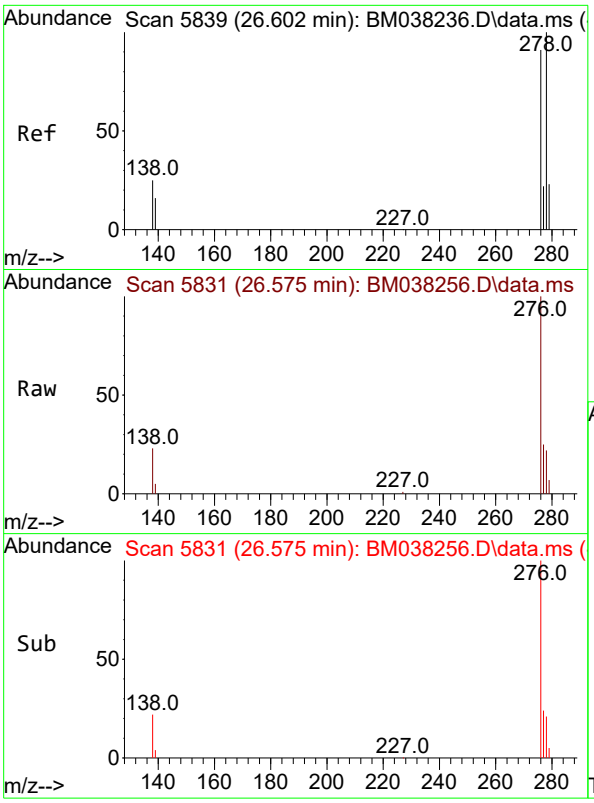


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.963 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:276 Resp: 48878

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.7	32.5
227	0.2	0.0	0.0#



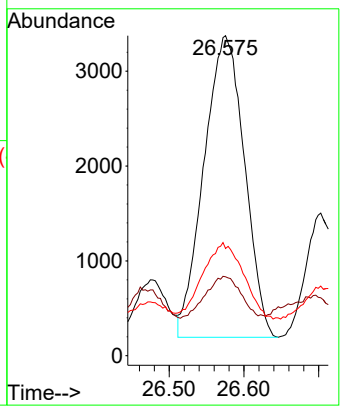


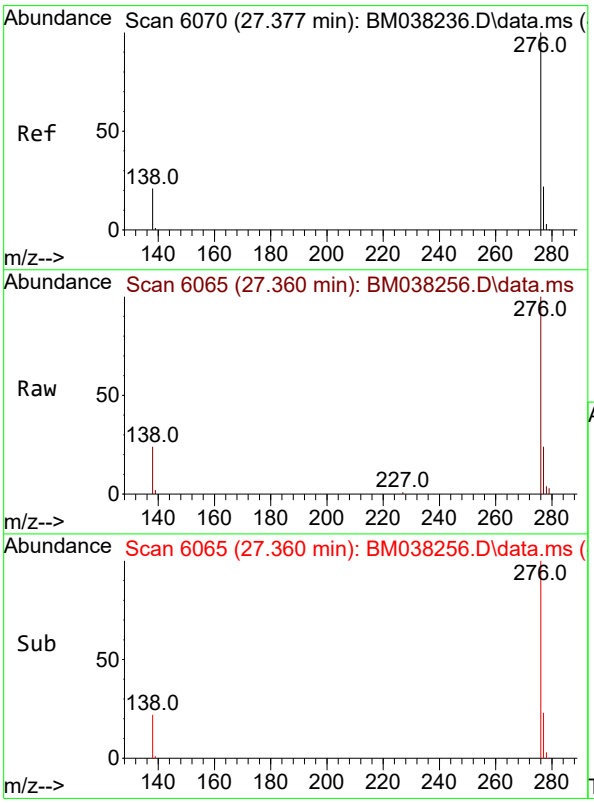
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.575 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 12004

Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.8	25.2
279	33.5	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 1.117 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:276 Resp: 47681

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.8	31.2
277	24.4	20.5	30.7