Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038303.D
Acq On : 25 Dec 2022 11:16
Operator : CG/JU
Sample : N6016-02DL 5X
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 23:55:22 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	8.026	152	2748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	8357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	4799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	9391	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	6020	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	6286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2024	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	616	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	1218	0.054	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	85	0.031	ng/ul#	41
5) Naphthalene	10.889	128	511	0.021	ng/ul#	67
10) Acenaphthylene	14.375	152	1003	0.038	ng/ul#	80
15) Phenanthrene	17.434	178	4045	0.129	ng/ul	97
16) Anthracene	17.527	178	2772	0.092	ng/ul#	92
19) Fluoranthene	19.445	202	8429	0.256	ng/ul	98
20) Pyrene	19.808	202	7691	0.231	ng/ul	99
21) Benzo(a)anthracene	21.547	228	6294	0.238	ng/ul	94
22) Chrysene	21.603	228	11128	0.433	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	10908	0.392	ng/ul	91
26) Benzo(a)pyrene	23.898	252	6688	0.275	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.558	276	5306	0.158	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.569	278	1448	0.055	ng/ul#	26
29) Benzo(g,h,i)perylene	27.350	276	4822	0.170	ng/ul	91

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

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Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 25 23:55:22 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
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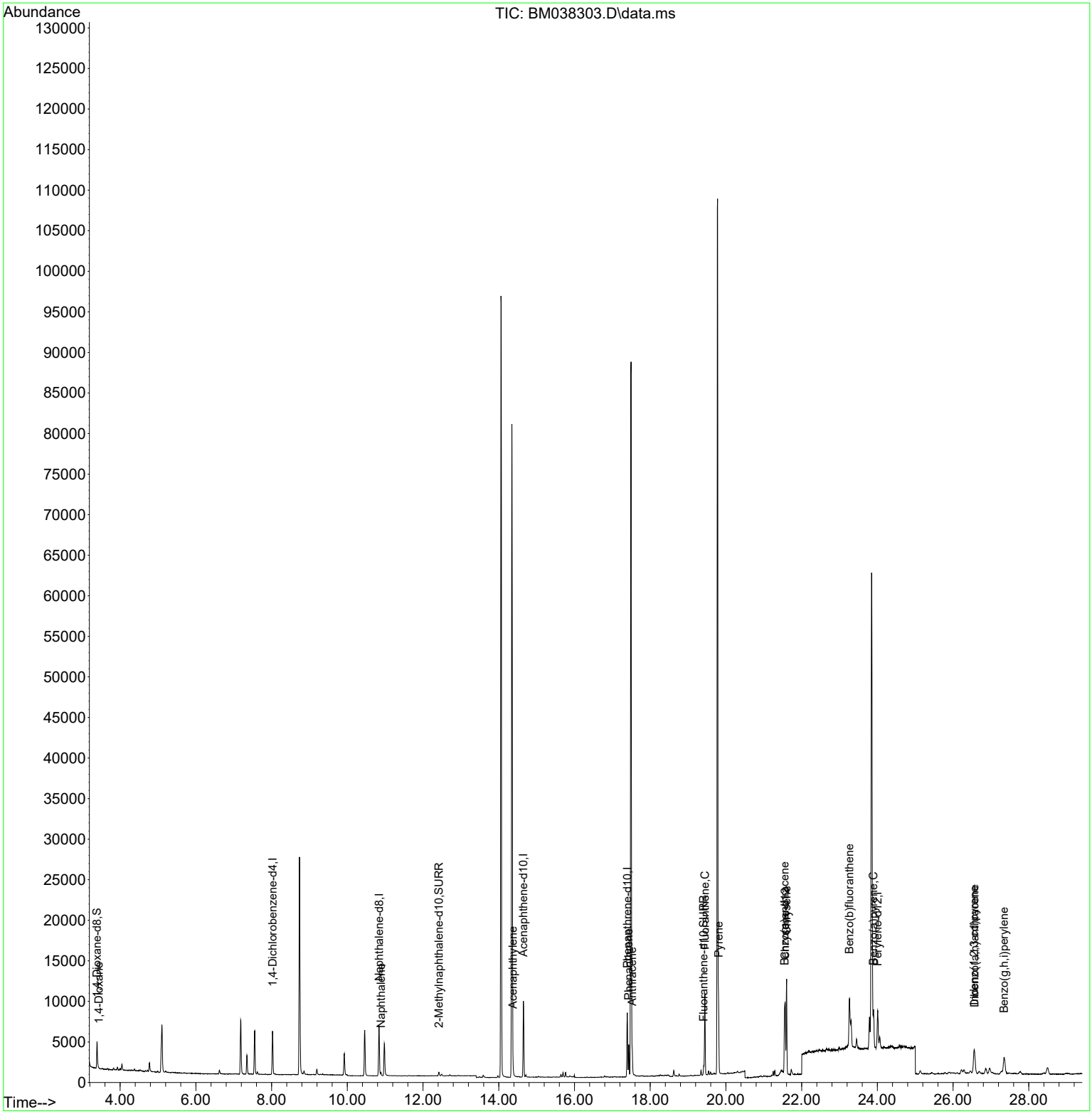
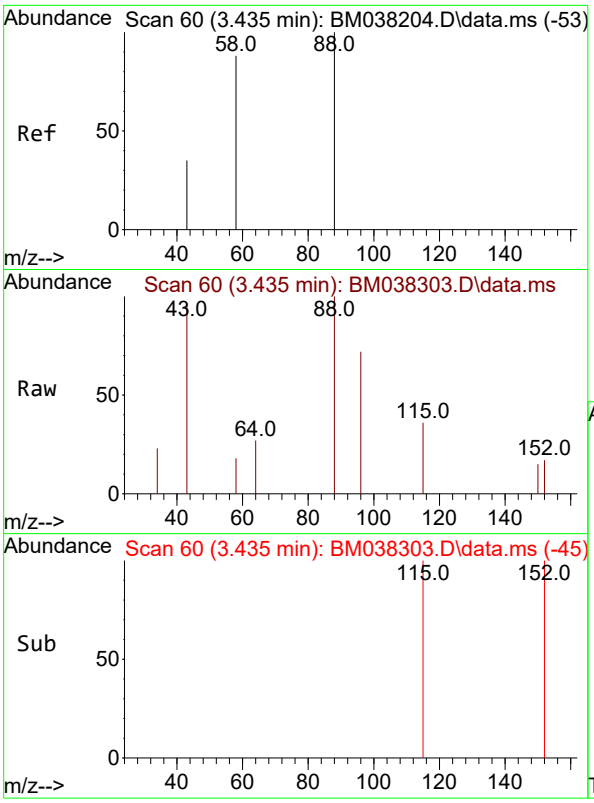


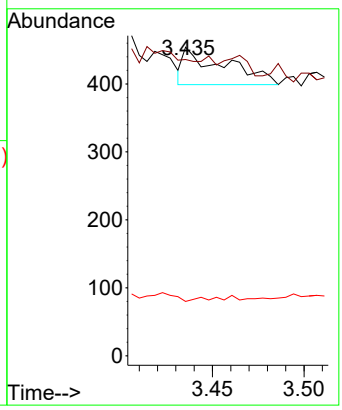


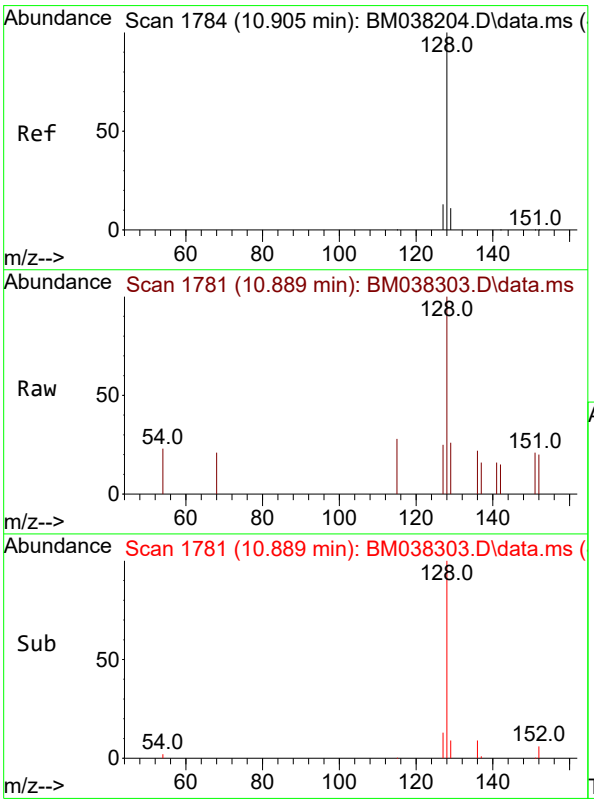
#2
1,4-Dioxane
Concen: 0.031 ng/ul
RT: 3.435 min Scan# 6
Delta R.T. 0.004 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 85

Ion	Ratio	Lower	Upper
88	100		
43	96.0	46.4	69.6#
58	17.6	56.9	85.3#

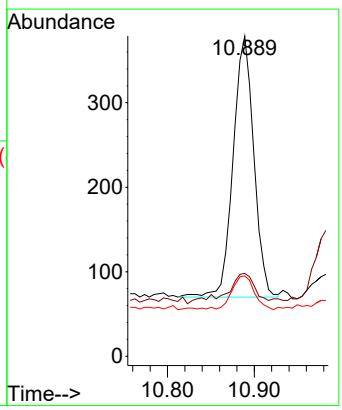


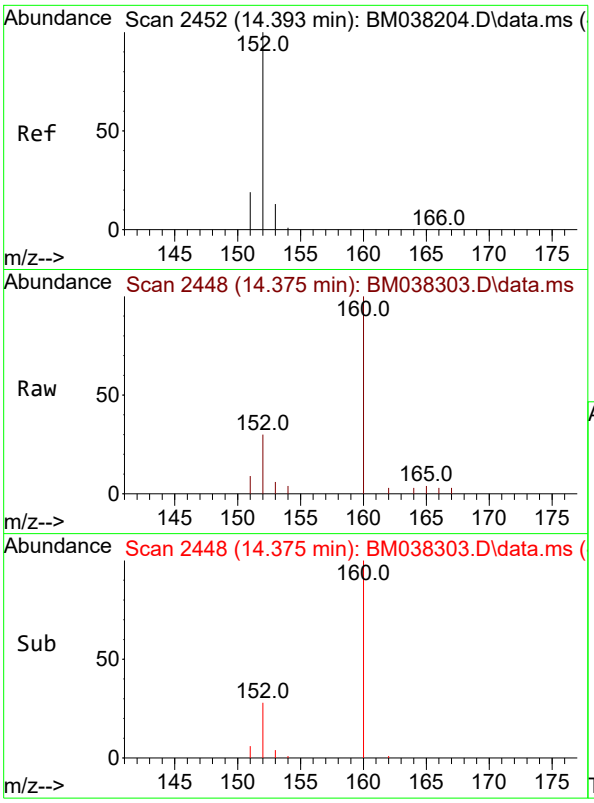


#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:128 Resp: 511

Ion	Ratio	Lower	Upper
128	100		
129	25.9	9.4	14.0#
127	25.1	10.7	16.1#



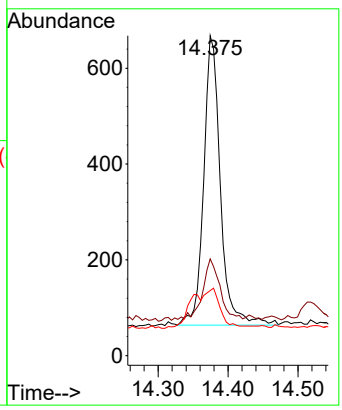


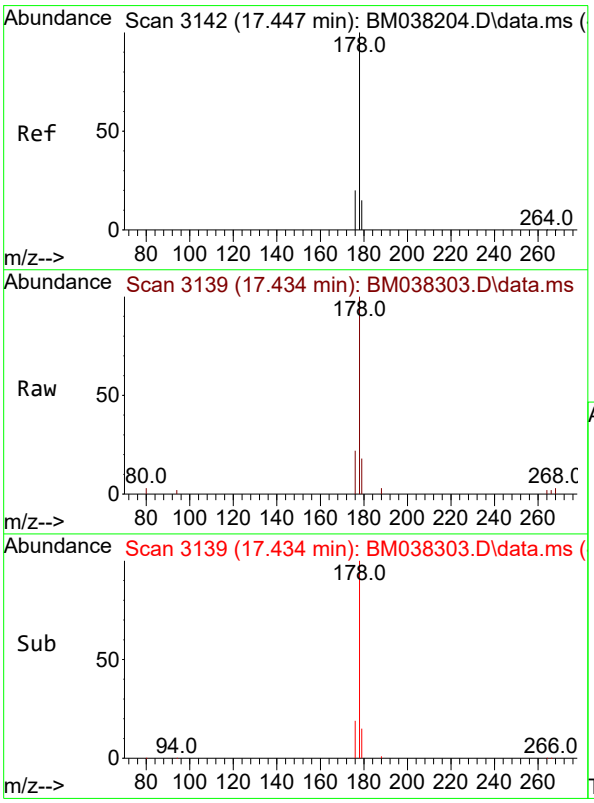
#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.375 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1003

Ion	Ratio	Lower	Upper
152	100		
151	30.2	16.2	24.2#
153	20.4	10.7	16.1#

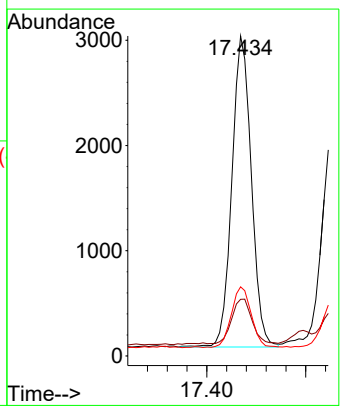


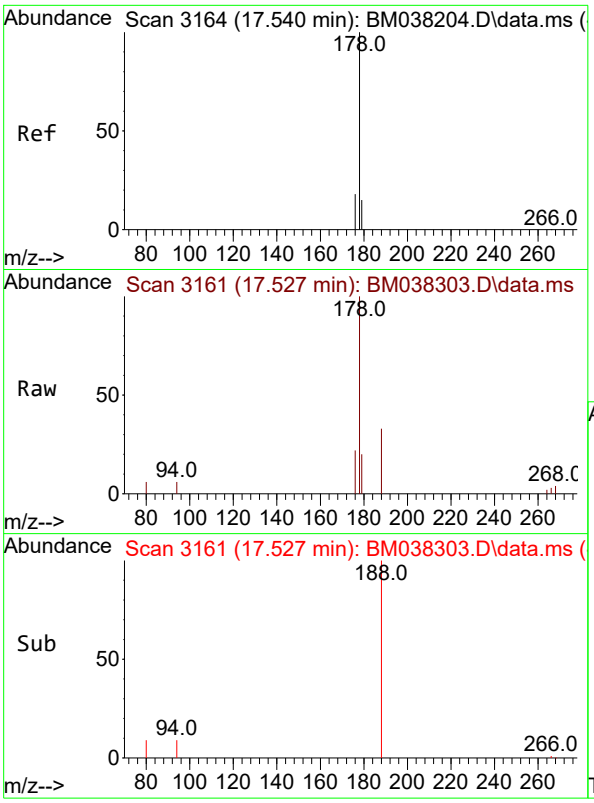


#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:178 Resp: 4045

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.4
176	21.6	16.2	24.4



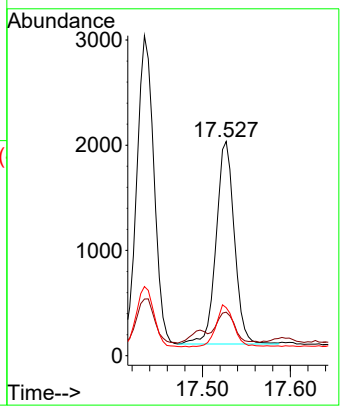


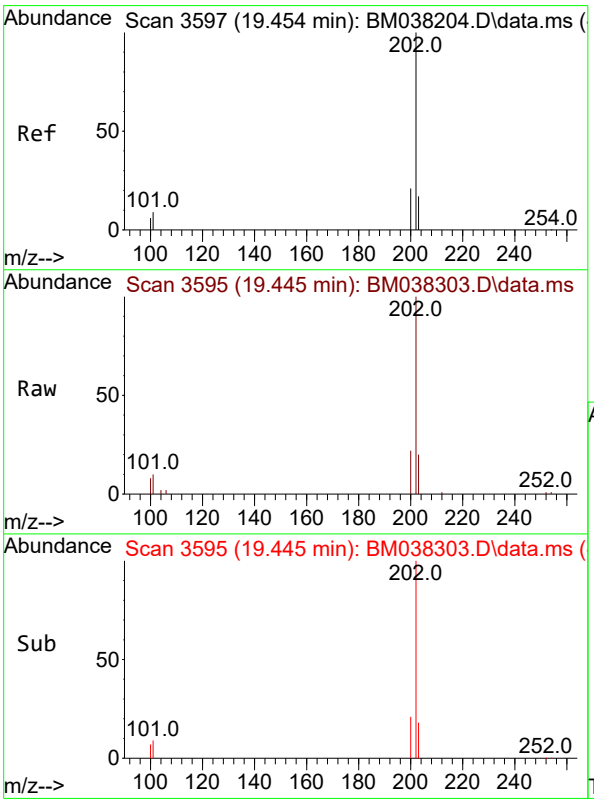
#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.527 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2772

Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.0	19.6#
176	22.4	15.6	23.4

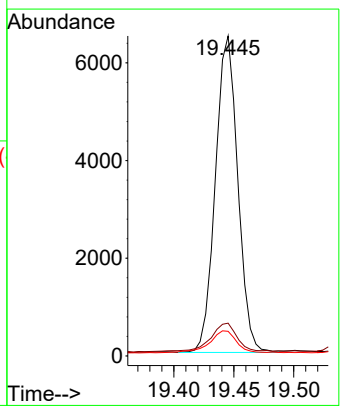


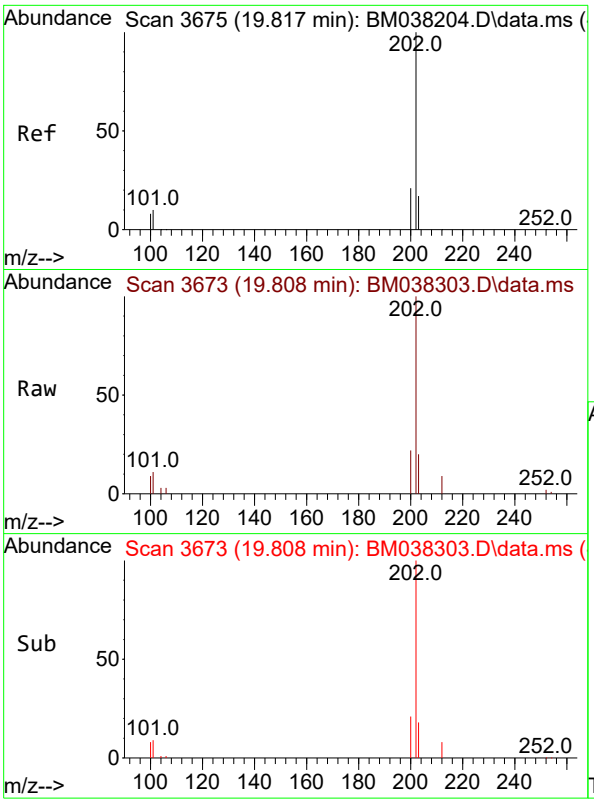


#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:202 Resp: 8429

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.5	11.3
100	7.7	5.6	8.4



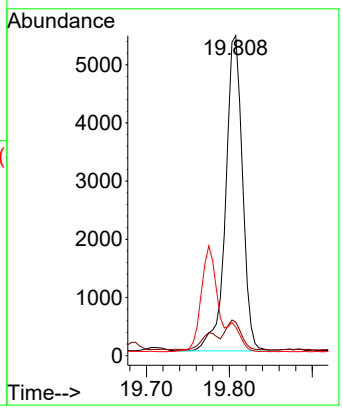


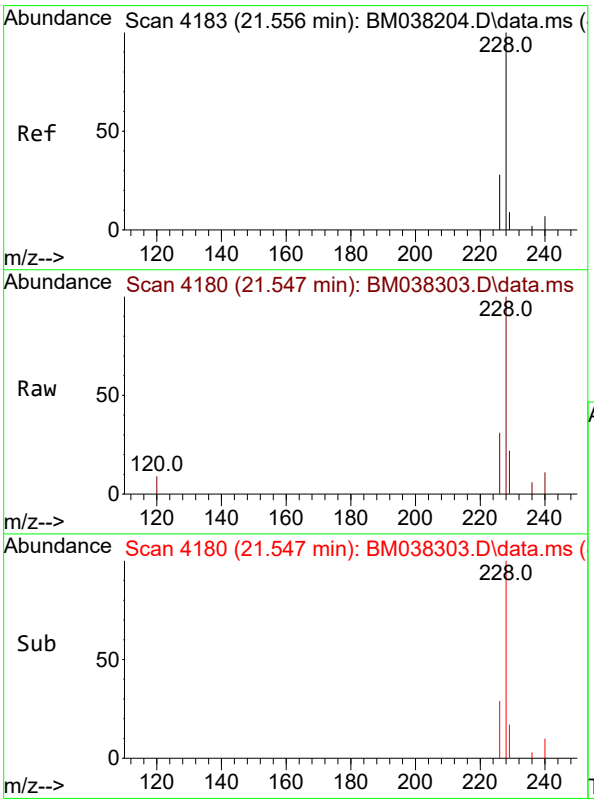
#20
Pyrene
Concen: 0.231 ng/ul
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7691

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	8.9	7.4	11.0

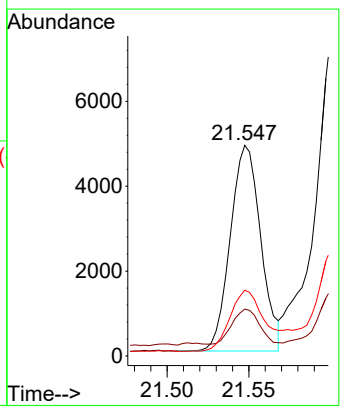


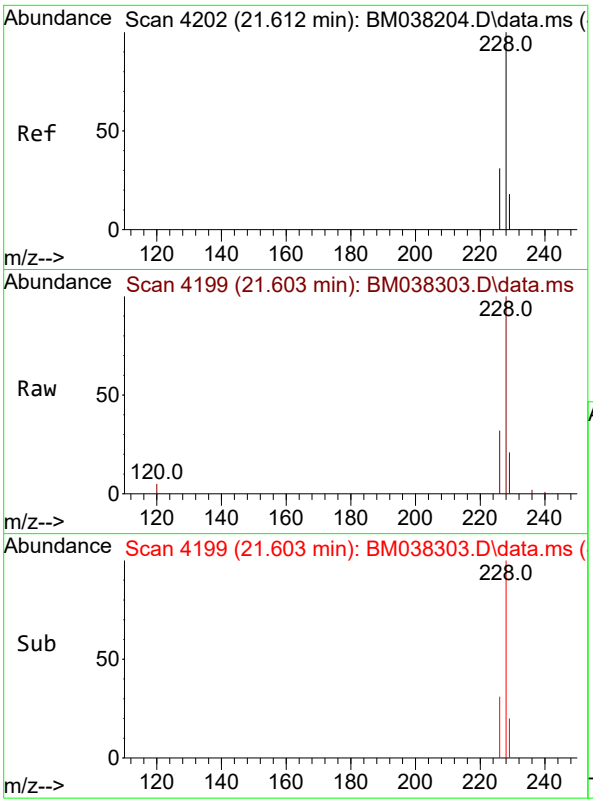


#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:228 Resp: 6294

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.5	23.3
226	31.2	22.2	33.2



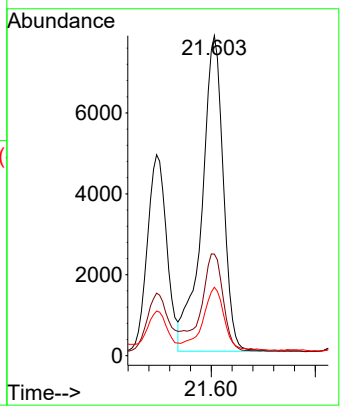


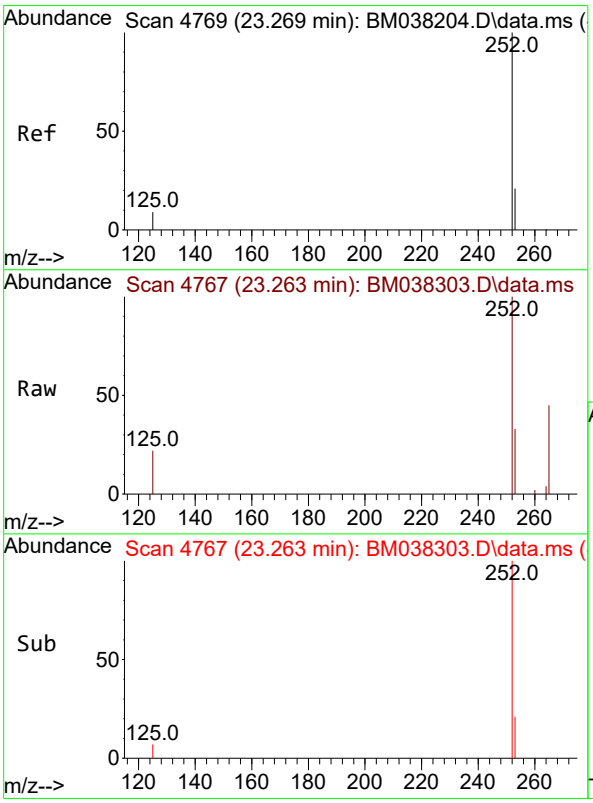
#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.603 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 11128

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	21.4	16.0	24.0

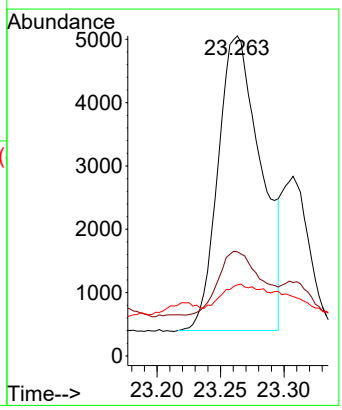


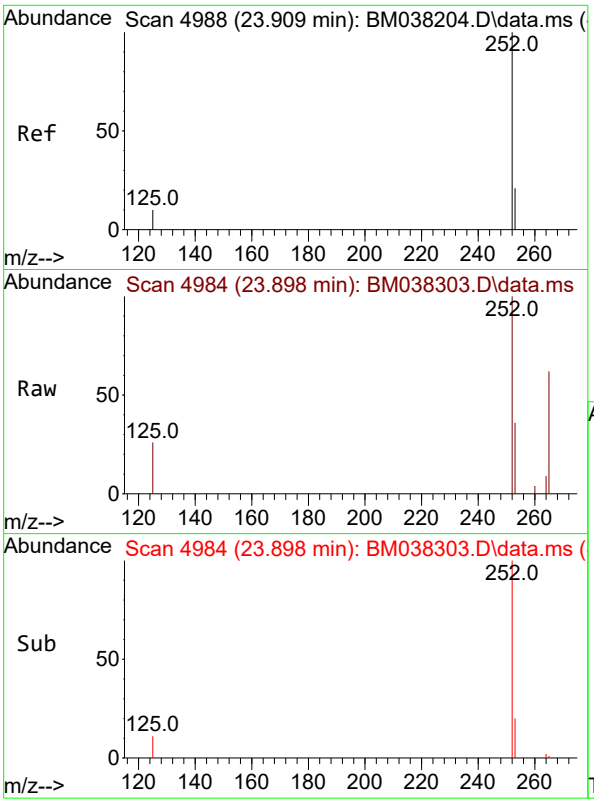


#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:252 Resp: 10908

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	56.0
125	22.2	0.0	36.6



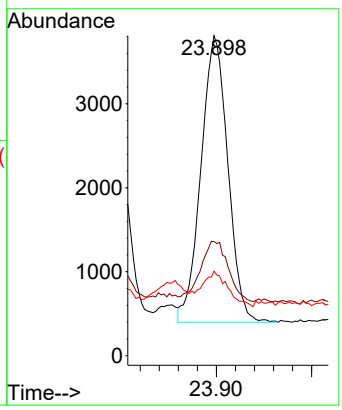


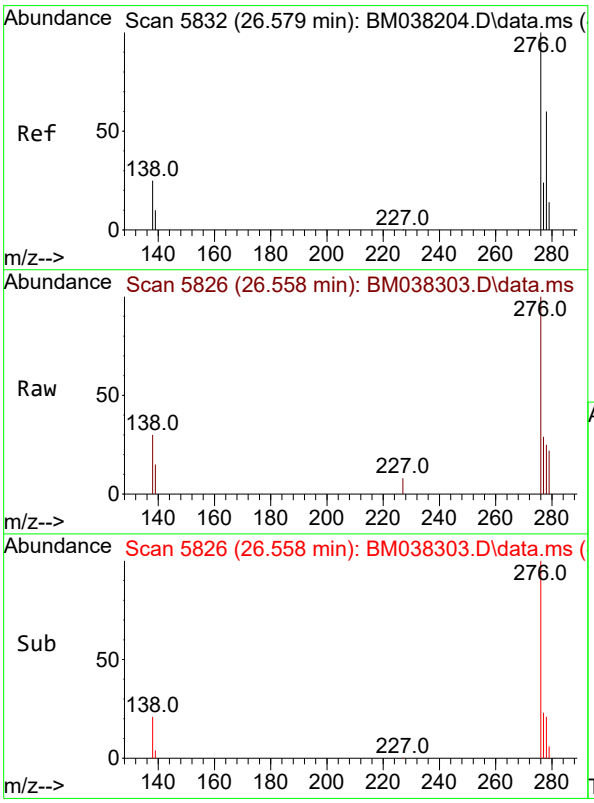
#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.898 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 6688

Ion	Ratio	Lower	Upper
252	100		
253	35.7	24.2	36.4
125	26.4	17.3	25.9#

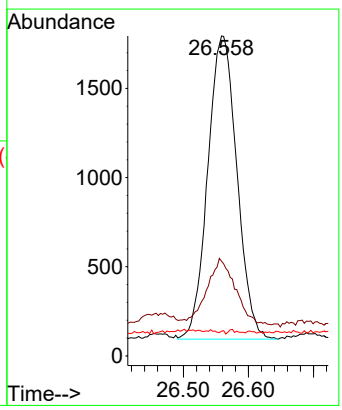


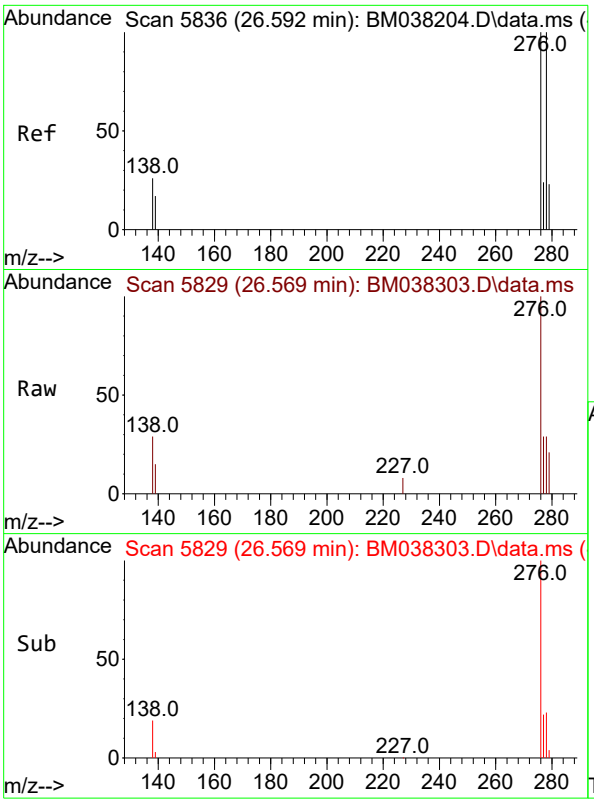


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.558 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:276 Resp: 5306

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.7	32.5#
227	0.1	0.0	0.0#



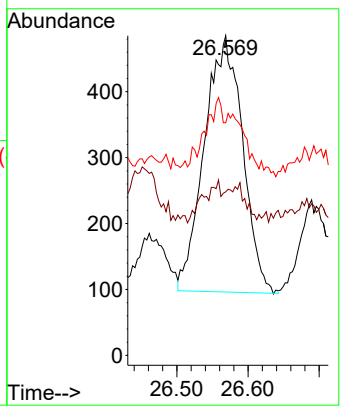


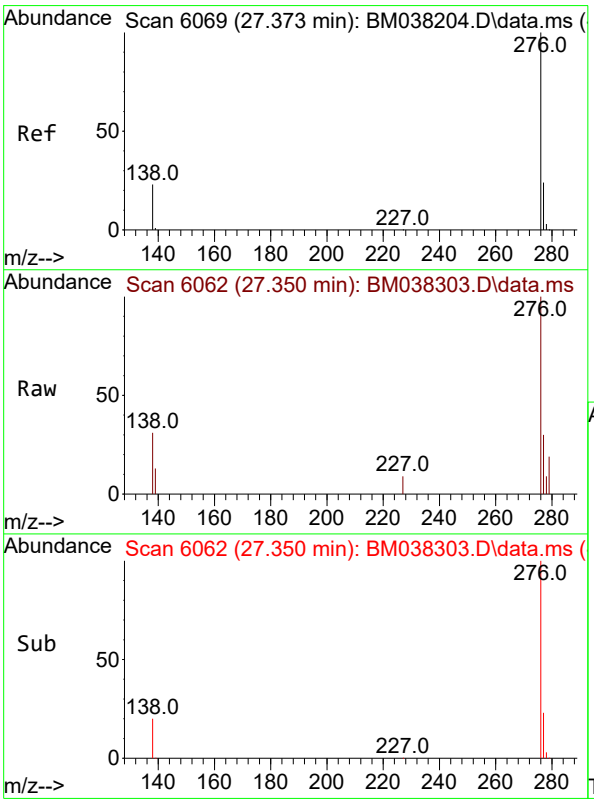
#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.569 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1448

Ion	Ratio	Lower	Upper
278	100		
139	51.1	16.8	25.2#
279	72.8	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 27.350 min Scan# 6062
Delta R.T. -0.010 min
Lab File: BM038303.D
Acq: 25 Dec 2022 11:16

Tgt Ion:276 Resp: 4822

Ion	Ratio	Lower	Upper
276	100		
138	30.5	20.8	31.2
277	29.7	20.5	30.7