Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022326.D
Acq On : 25 Oct 2022 15:48
Operator : CG/JU
Sample : N5070-05DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 27 05:14:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15683	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8576	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	6820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3690	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1122	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1885	0.065	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.822	128	5873	0.135	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	4558	0.167	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	3804	0.135	ng/ul	100
10) Acenaphthylene	14.336	152	1028	0.028	ng/ul#	73
15) Phenanthrene	17.412	178	12704	0.241	ng/ul	99
16) Anthracene	17.505	178	998	0.022	ng/ul#	82
19) Fluoranthene	19.440	202	16432	0.418	ng/ul	99
20) Pyrene	19.802	202	14737	0.373	ng/ul	99
21) Benzo(a)anthracene	21.558	228	5000	0.156	ng/ul	94
22) Chrysene	21.614	228	6658	0.195	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	10857	0.317	ng/ul	81
26) Benzo(a)pyrene	23.920	252	4967	0.182	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.611	276	3804	0.112	ng/ul	94
28) Dibenzo(a,h)anthracene	26.632	278	946	0.035	ng/ul#	34
29) Benzo(g,h,i)perylene	27.413	276	3426	0.124	ng/ul	90

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

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Instrument :
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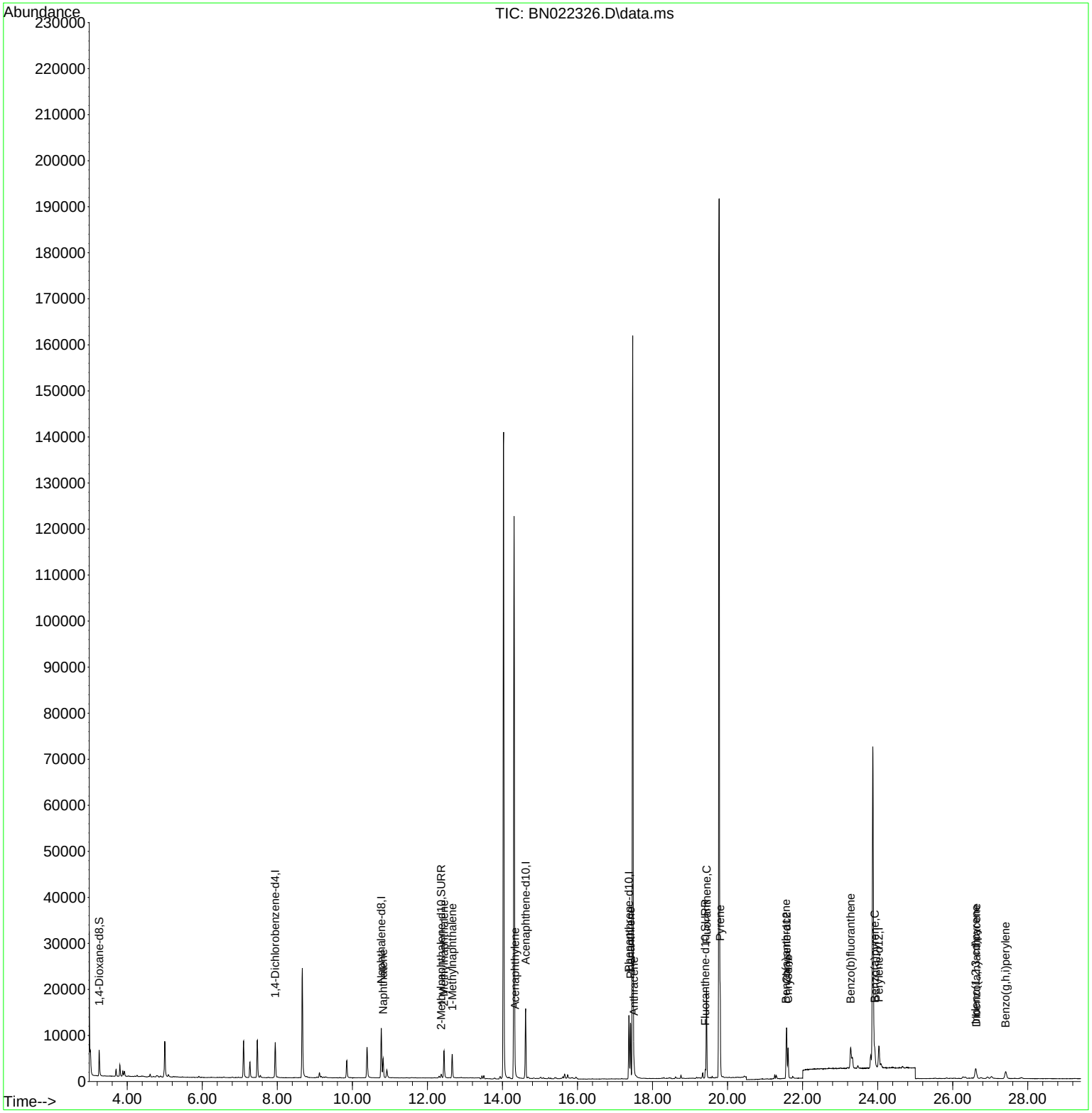
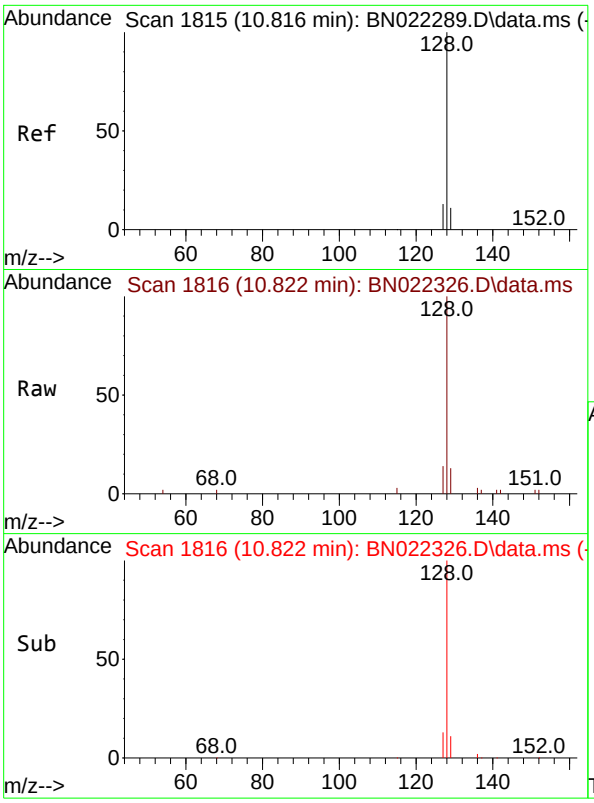


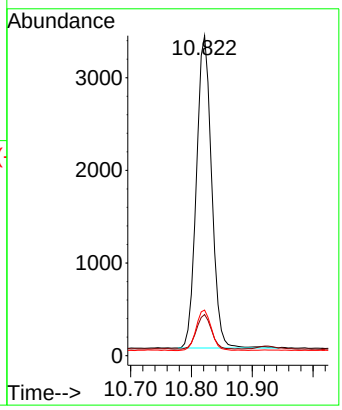


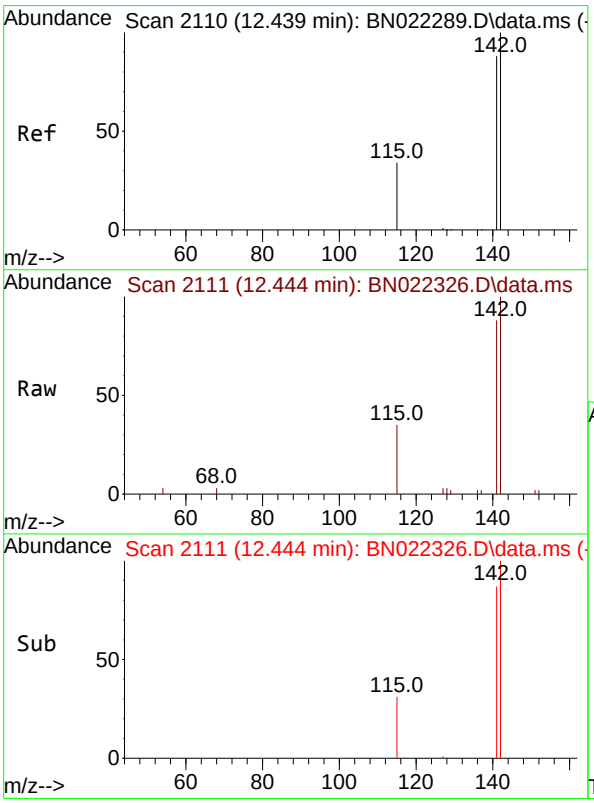
#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5873

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	14.2	10.7	16.1

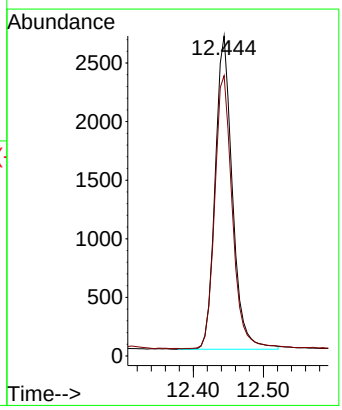


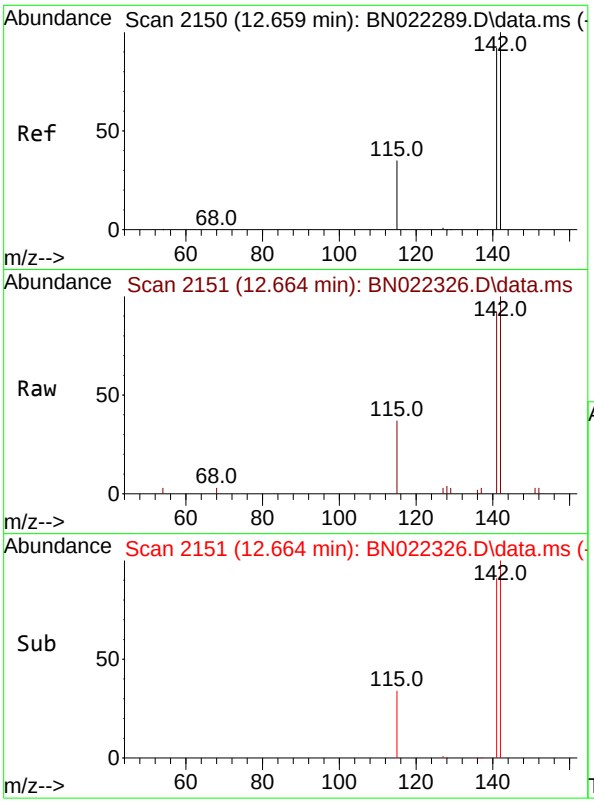


#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:142 Resp: 4558

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7



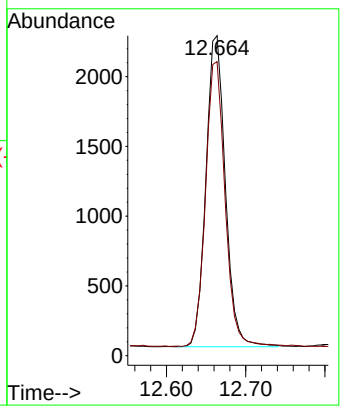


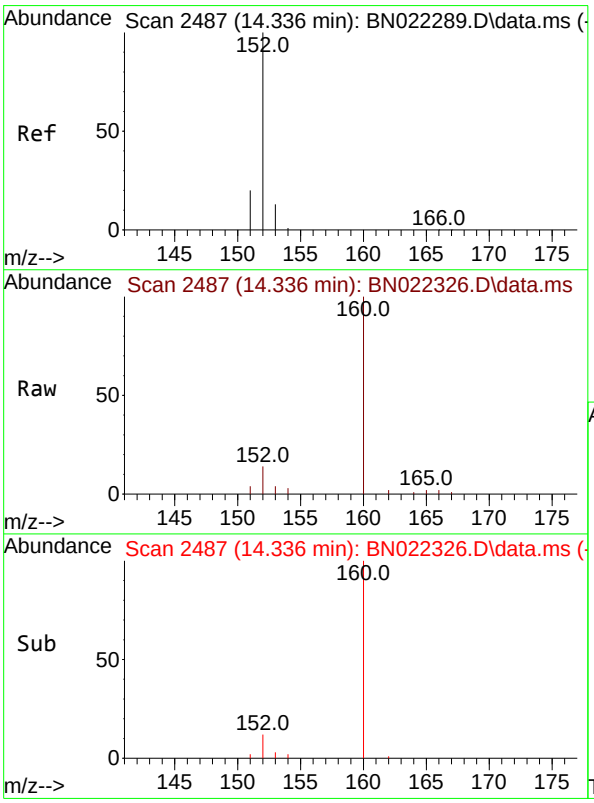
#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.664 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3804

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9

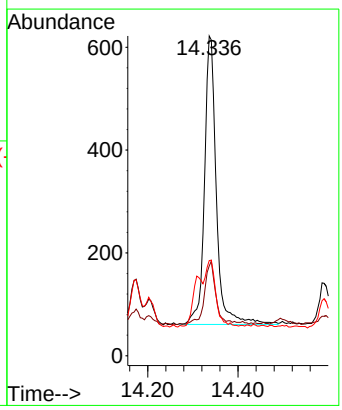


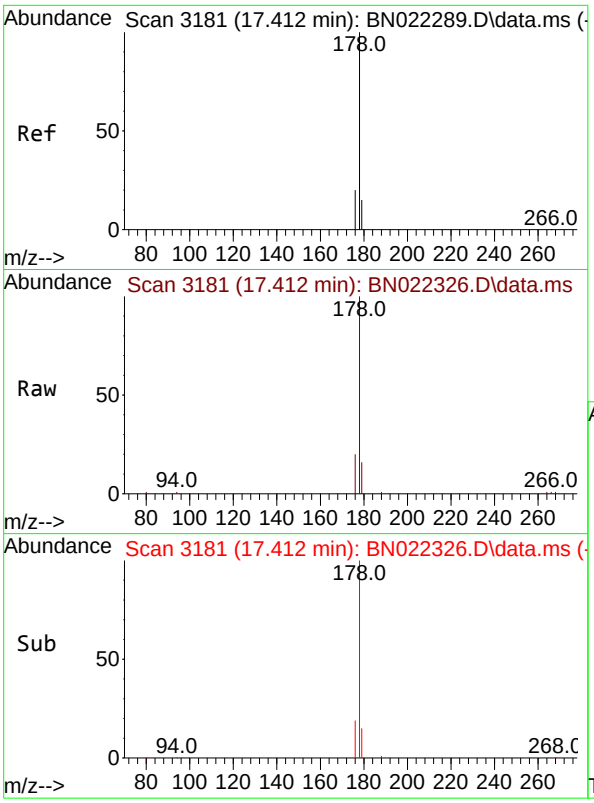


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:152 Resp: 1028

Ion	Ratio	Lower	Upper
152	100		
151	28.1	15.9	23.9#
153	29.7	10.8	16.2#



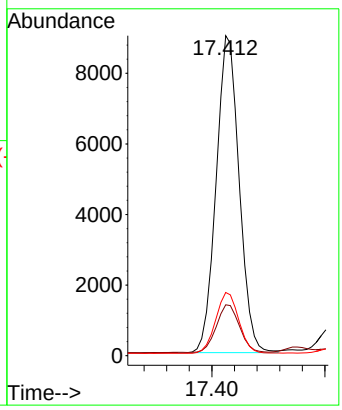


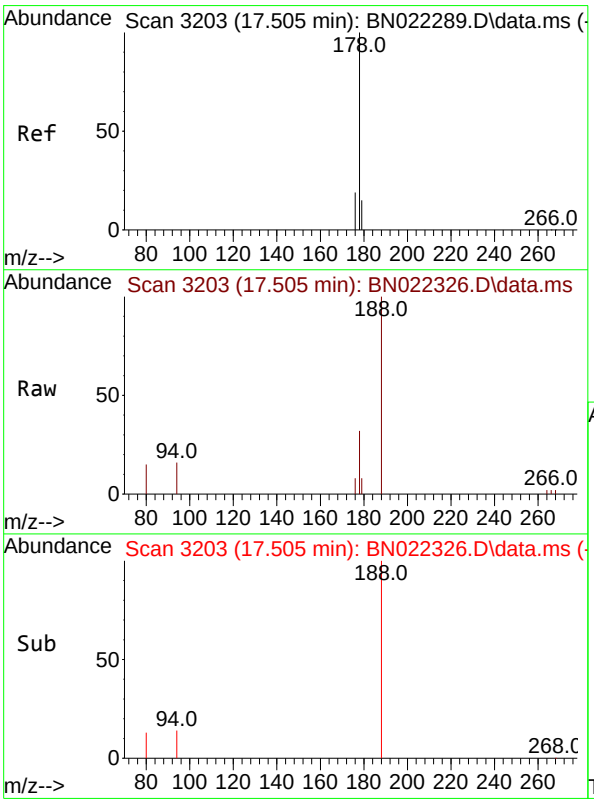
#15
Phenanthrene
Concen: 0.241 ng/ul
RT: 17.412 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12704

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.8	15.4	23.2

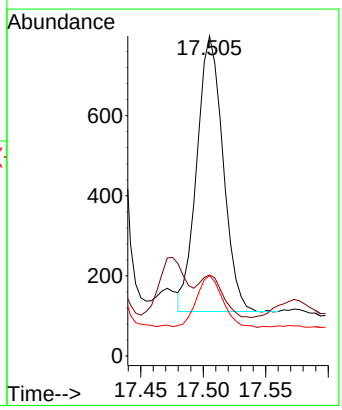


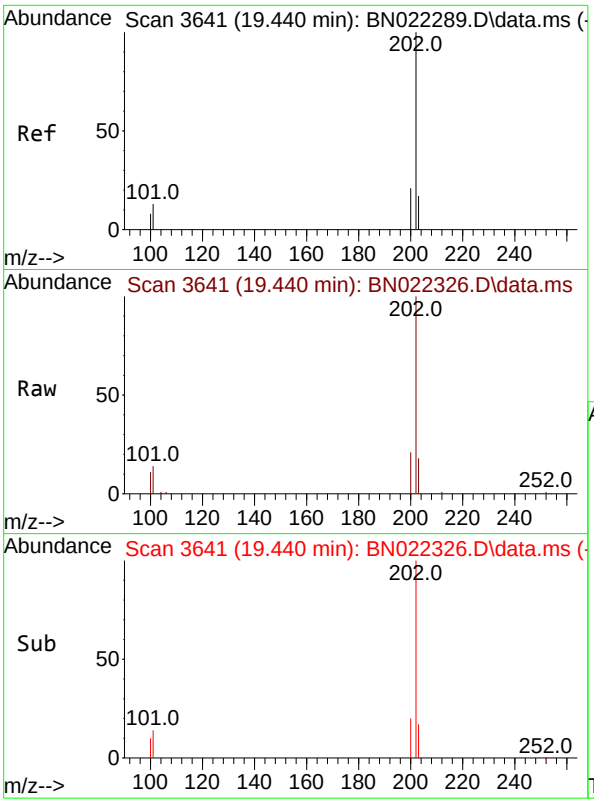


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:178 Resp: 998

Ion	Ratio	Lower	Upper
178	100		
179	25.3	12.6	18.8#
176	25.2	15.0	22.6#



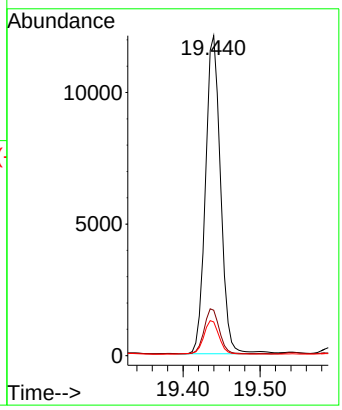


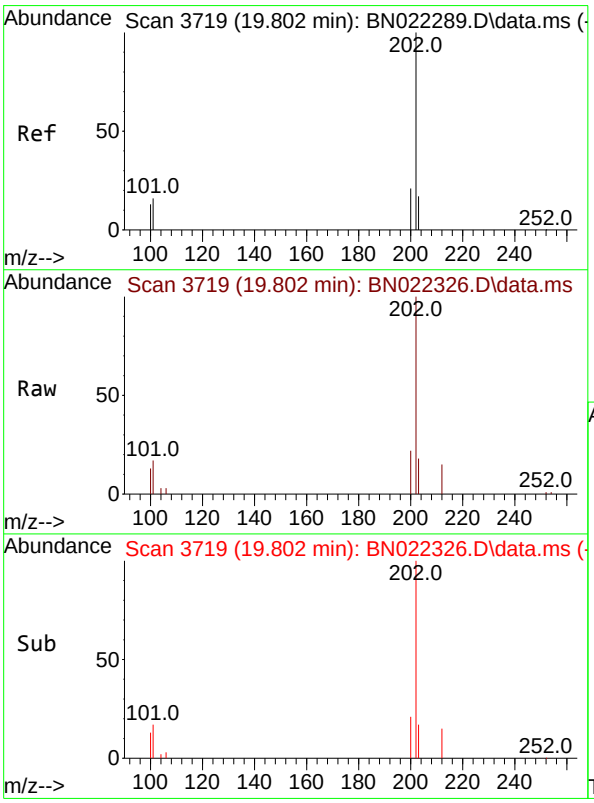
#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 16432

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.8	17.6
100	10.6	8.7	13.1

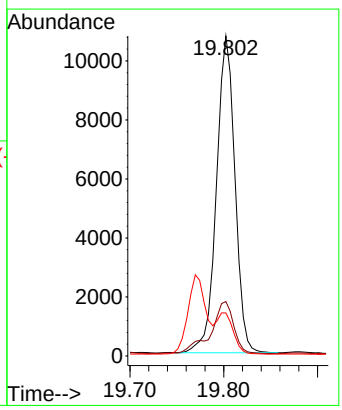


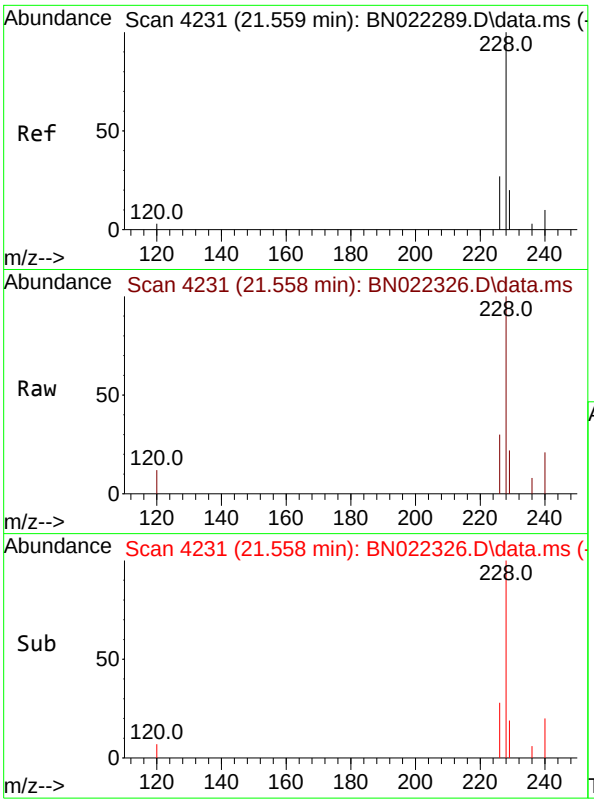


#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:202 Resp: 14737

Ion	Ratio	Lower	Upper
202	100		
101	17.0	13.1	19.7
100	13.5	10.6	16.0



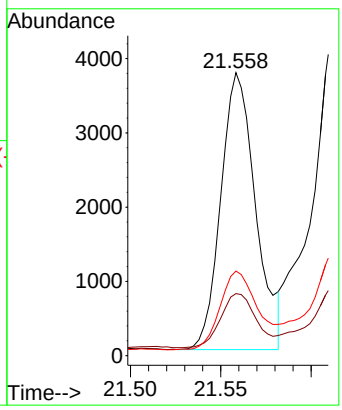


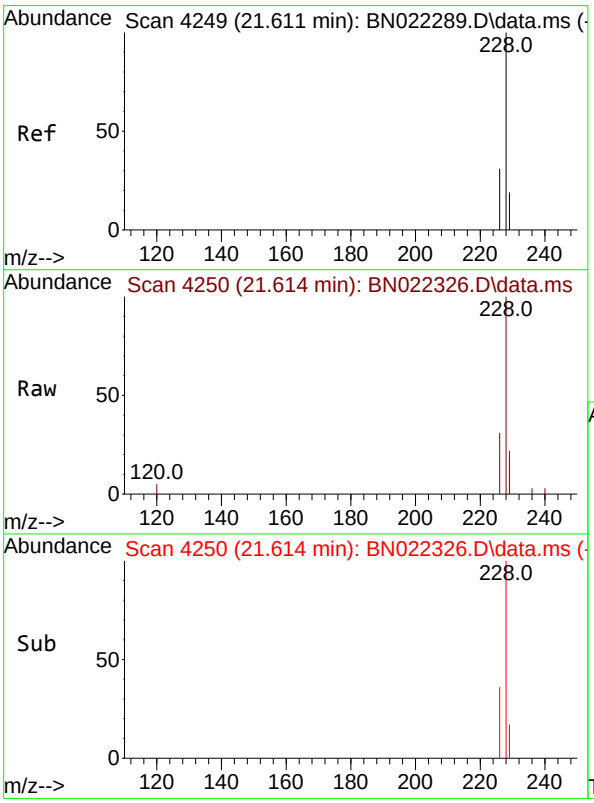
#21
Benzo(a)anthracene
Concen: 0.156 ng/ul
RT: 21.558 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5000

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	29.9	21.5	32.3

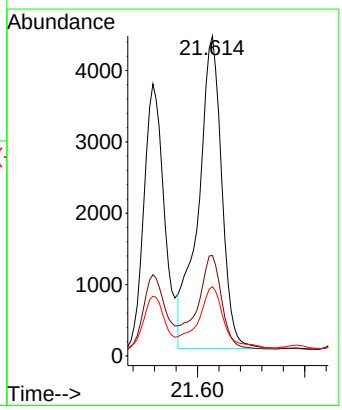


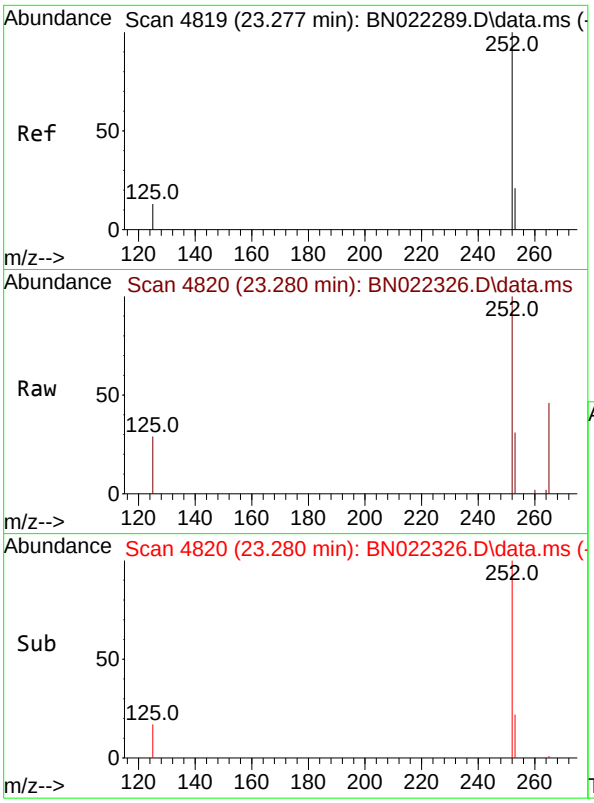


#22
Chrysene
Concen: 0.195 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:228 Resp: 6658

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.9	35.9
229	21.7	15.9	23.9



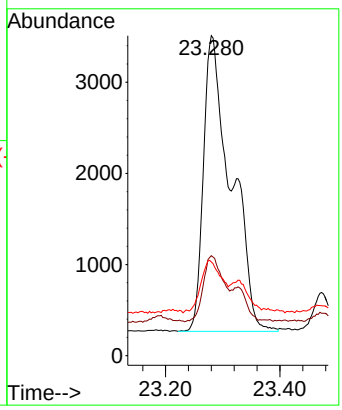


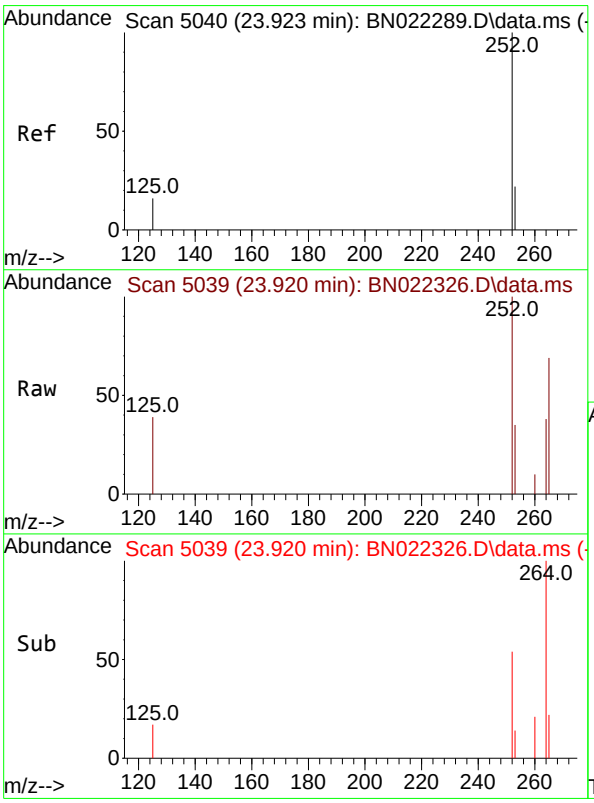
#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.280 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10857

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	49.0
125	29.3	0.0	35.2

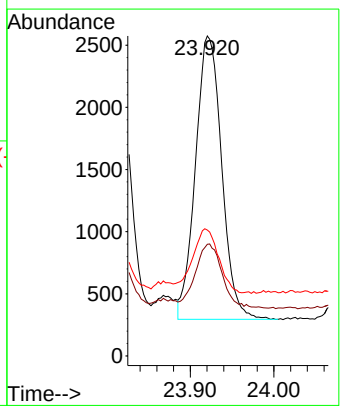


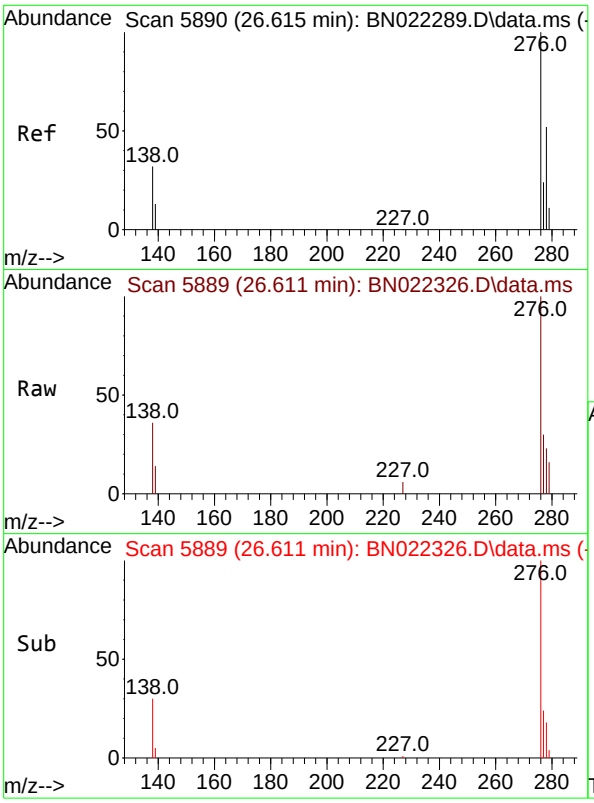


#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:252 Resp: 4967

Ion	Ratio	Lower	Upper
252	100		
253	34.9	21.0	31.6#
125	39.4	17.9	26.9#



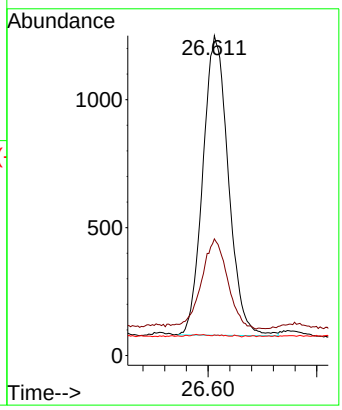


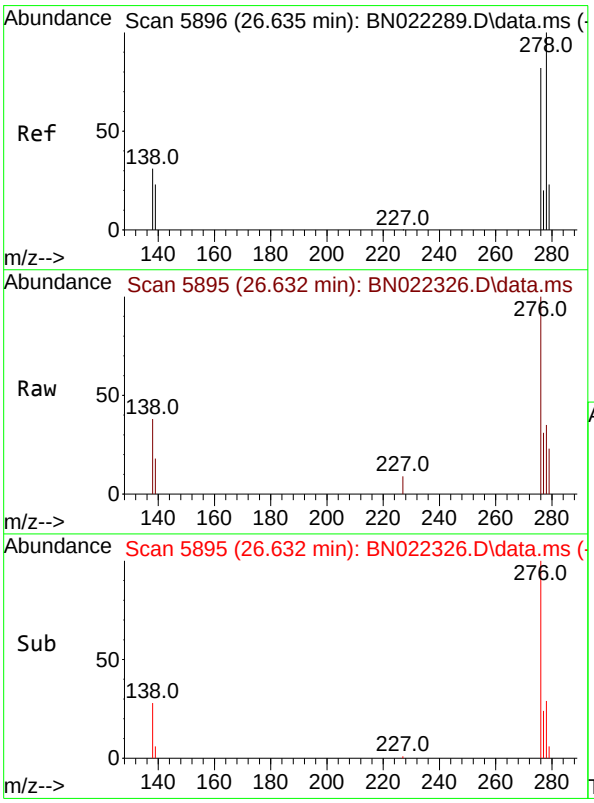
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 26.611 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3804

Ion	Ratio	Lower	Upper
276	100		
138	30.9	27.7	41.5
227	0.2	0.2	0.2

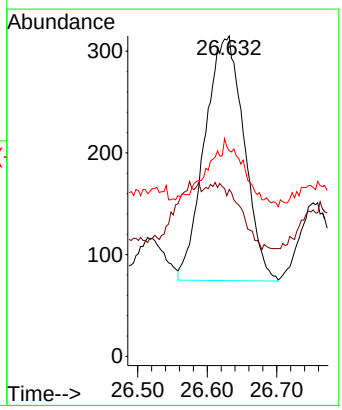


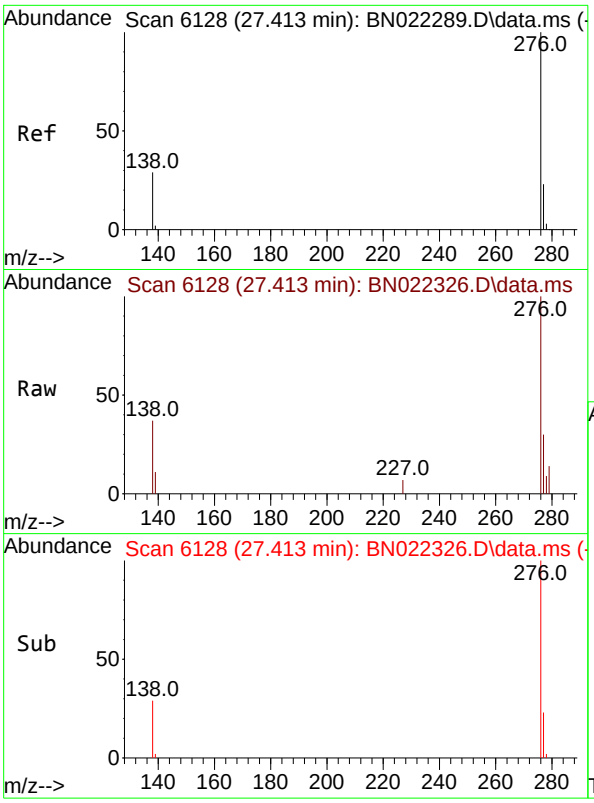


#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Tgt Ion:278 Resp: 946

Ion	Ratio	Lower	Upper
278	100		
139	52.1	19.6	29.4#
279	64.1	20.6	30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 27.413 min Scan# 6
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3426

Ion	Ratio	Lower	Upper
276	100		
138	37.3	25.2	37.8
277	29.8	19.9	29.9