Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026272.D
Acq On : 04 Jul 2023 21:06
Operator : MA/JU
Sample : 03244-01DL 5X
Misc :
ALS Vial : 130 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 05 00:09:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	10330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	32340	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	17901	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	33118	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	18780	0.400	ng/ul	0.00
23) Perylene-d12	23.979	264	21347	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	10479	0.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	2749	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	4658	0.065	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.803	128	2087	0.023	ng/ul#	86
10) Acenaphthylene	14.307	152	5242	0.063	ng/ul	94
12) Fluorene	15.635	166	1592	0.020	ng/ul#	96
15) Phenanthrene	17.377	178	30085	0.275	ng/ul	99
16) Anthracene	17.470	178	4976	0.051	ng/ul#	87
19) Fluoranthene	19.397	202	70493	0.703	ng/ul	98
20) Pyrene	19.759	202	57356	0.550	ng/ul	97
21) Benzo(a)anthracene	21.512	228	26612	0.343	ng/ul	94
22) Chrysene	21.568	228	32349	0.401	ng/ul#	95
24) Benzo(b)fluoranthene	23.234	252	72745	0.798	ng/ul	99
26) Benzo(a)pyrene	23.871	252	33337	0.421	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.535	276	27146	0.314	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.542	278	6238	0.095	ng/ul#	55
29) Benzo(g,h,i)perylene	27.333	276	26056	0.339	ng/ul	97

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

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Instrument :
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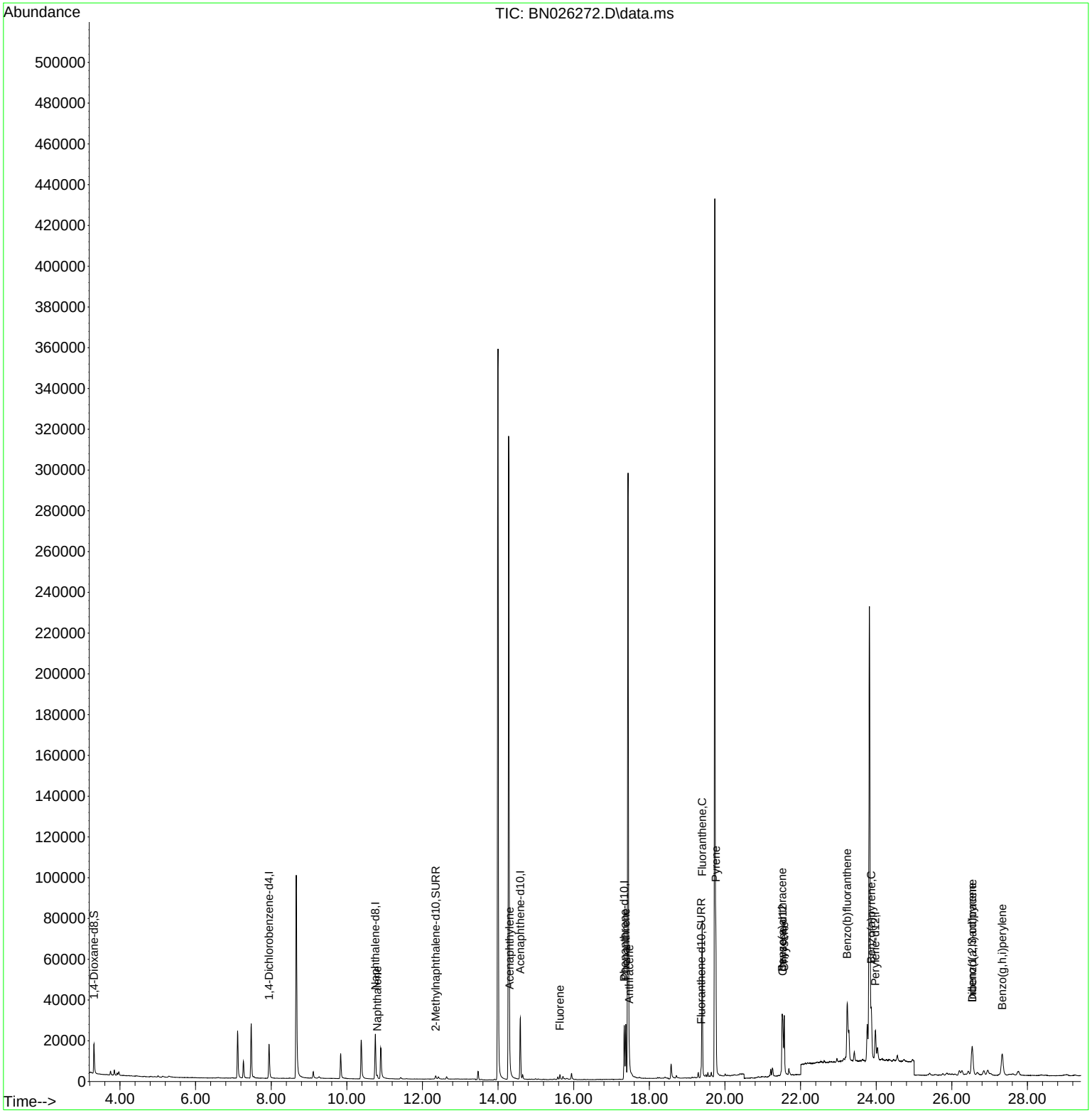
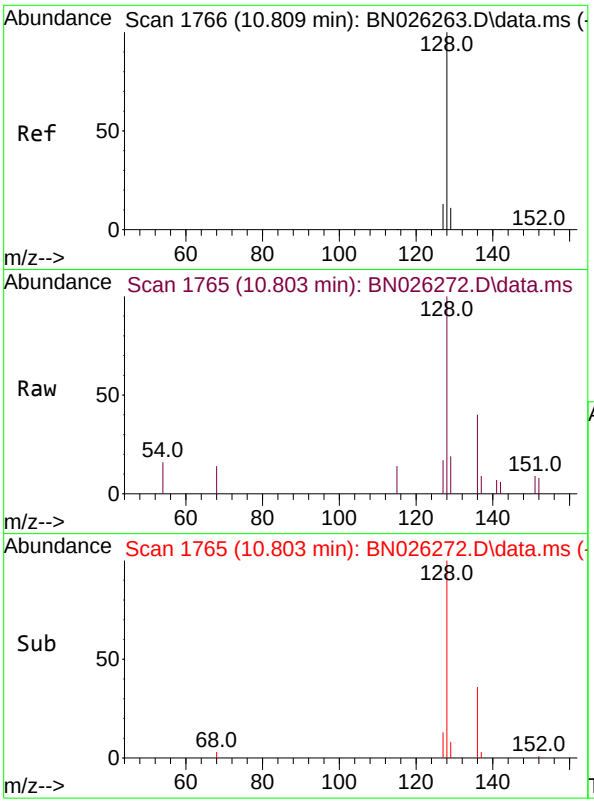


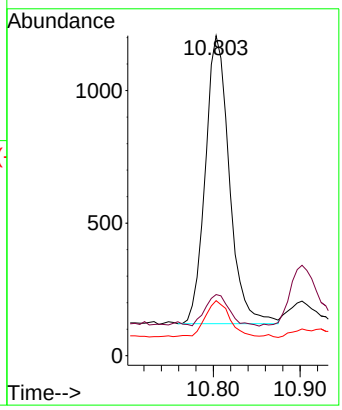


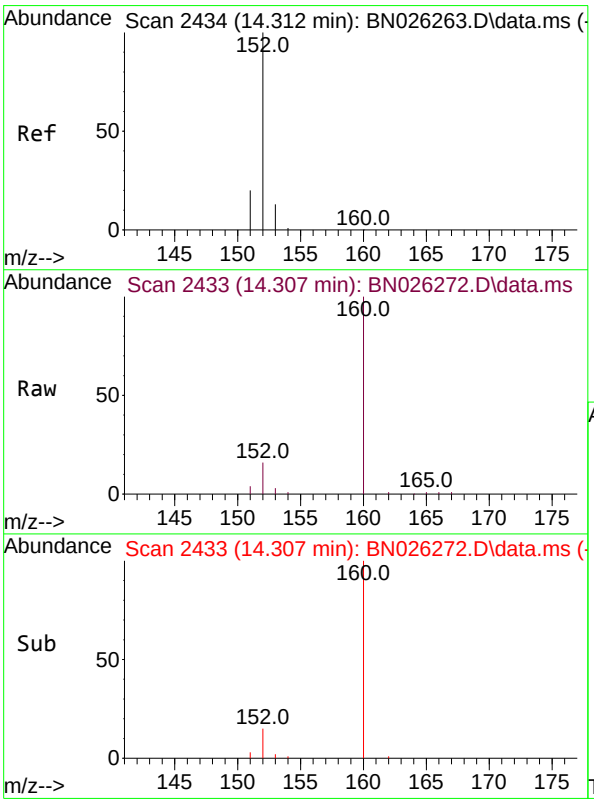
#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.803 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2087

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.1	13.7#
127	17.2	10.7	16.1#

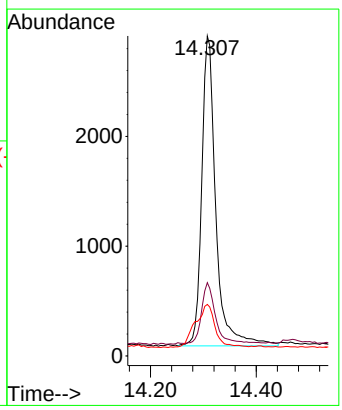


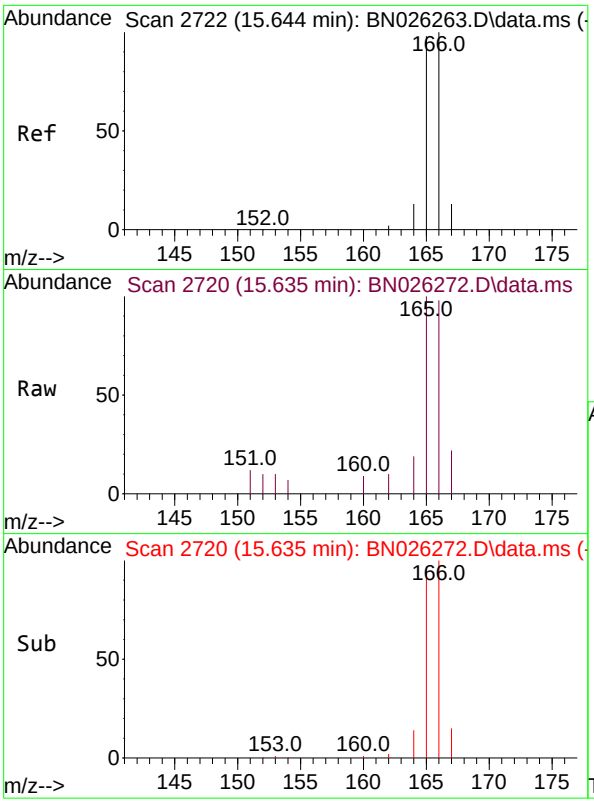


#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:152 Resp: 5242

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.2	24.4
153	16.1	10.9	16.3



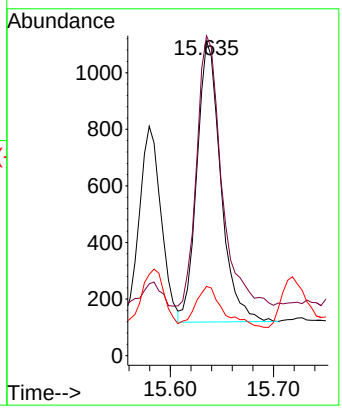


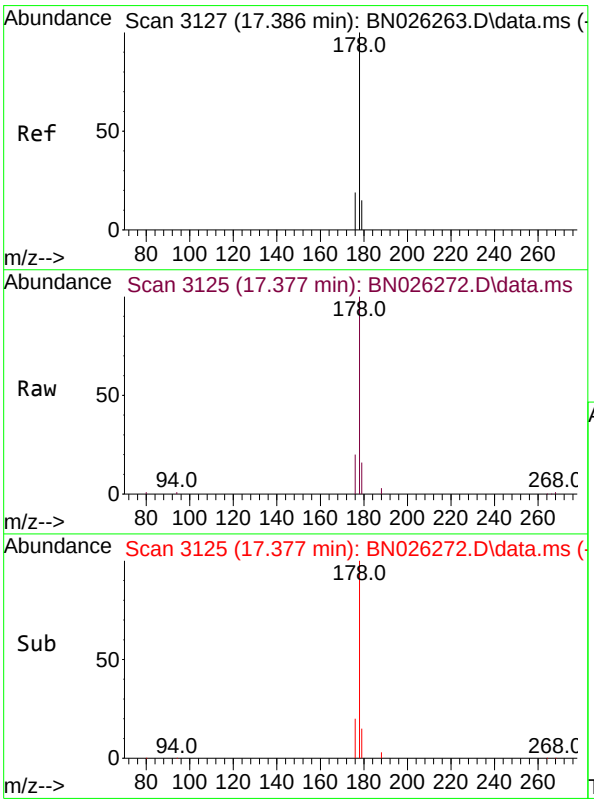
#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.635 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 1592

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.9	119.9
167	22.0	10.8	16.2#

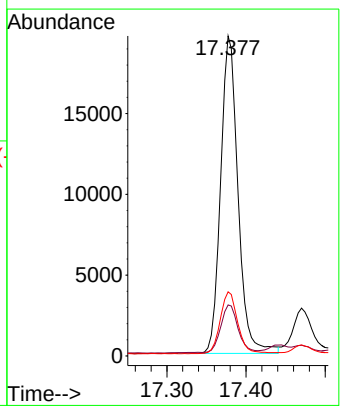


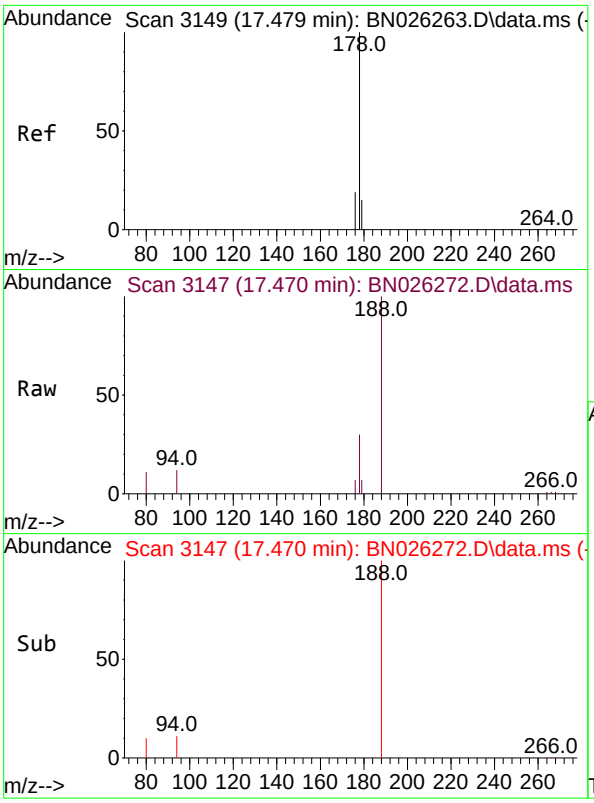


#15
Phenanthrene
Concen: 0.275 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:178 Resp: 30085

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.0	15.8	23.6



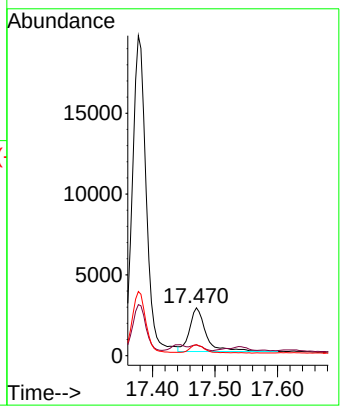


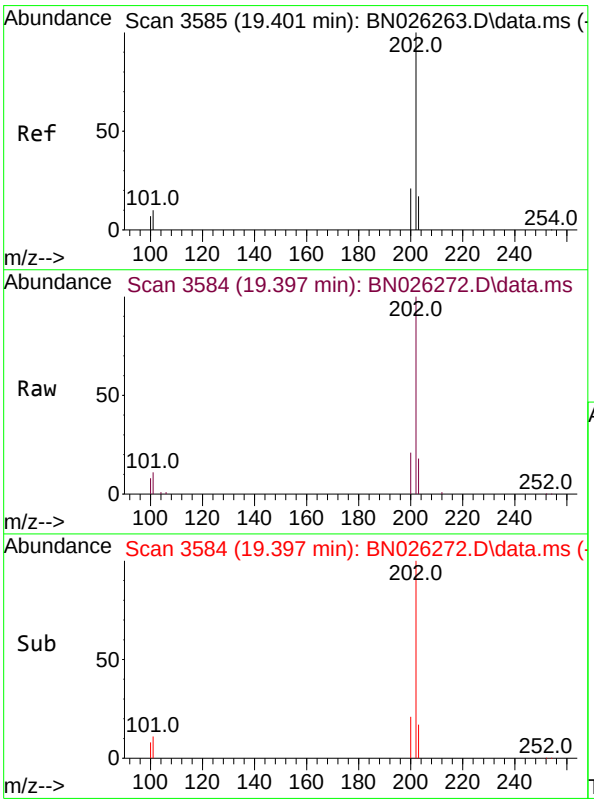
#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.470 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4976

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	18.8#
176	23.3	15.1	22.7#

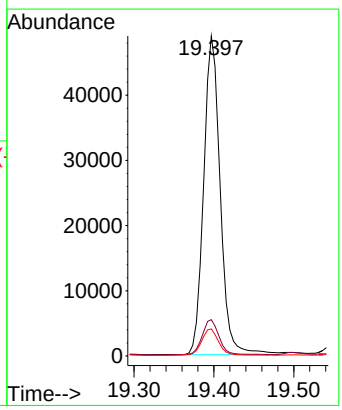


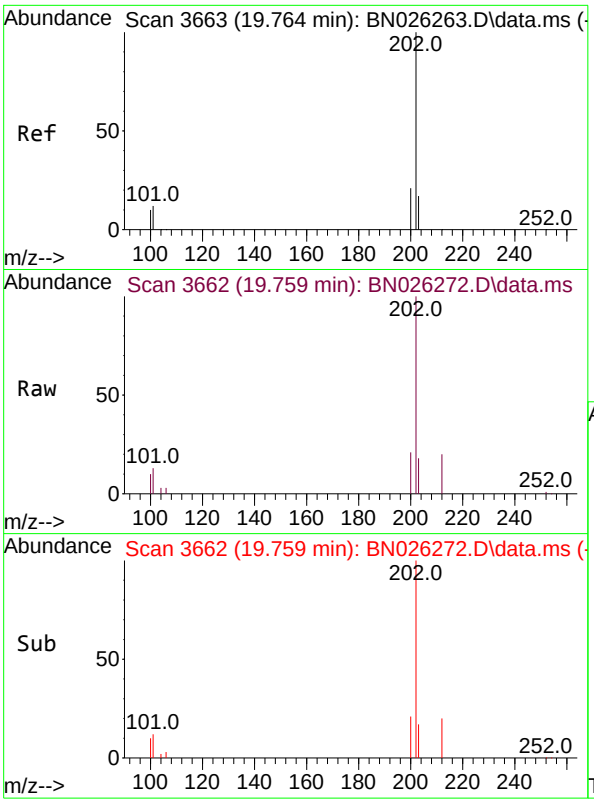


#19
Fluoranthene
Concen: 0.703 ng/ul
RT: 19.397 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:202 Resp: 70493

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.5	14.3
100	8.4	7.3	10.9



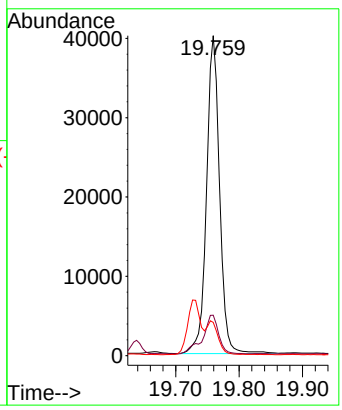


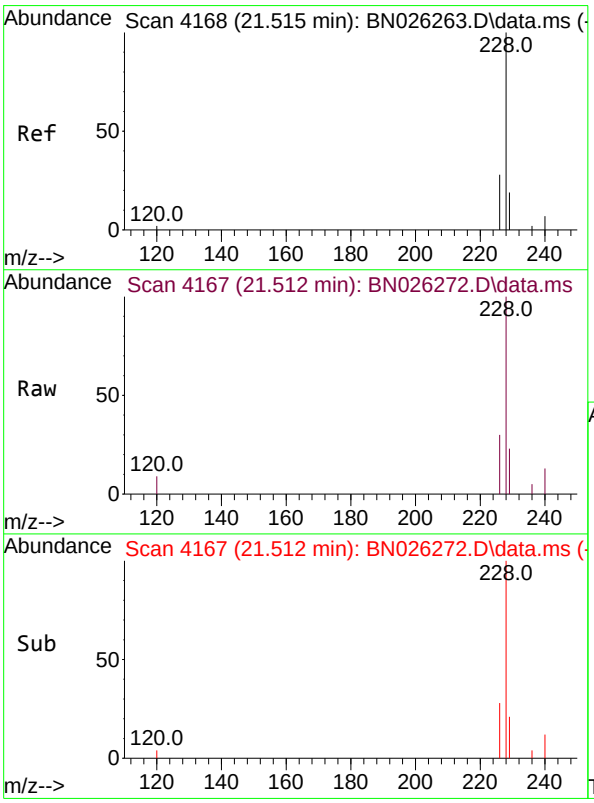
#20
Pyrene
Concen: 0.550 ng/ul
RT: 19.759 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 57356

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	10.4	9.1	13.7

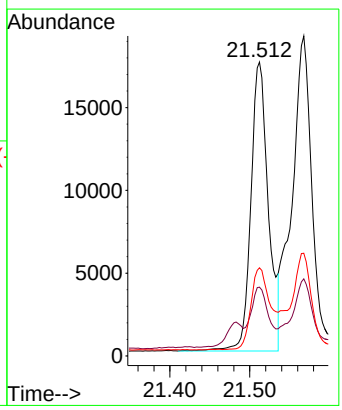


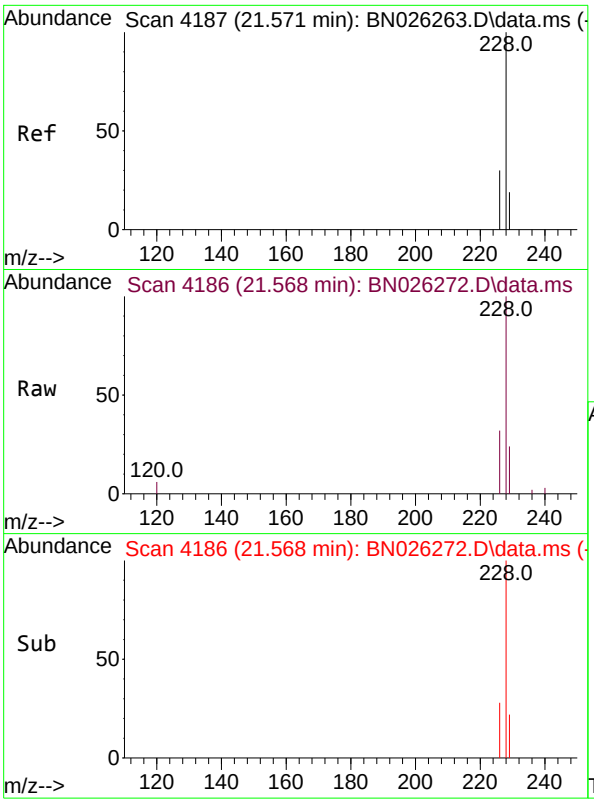


#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.512 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:228 Resp: 26612

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.6
226	30.0	22.5	33.7



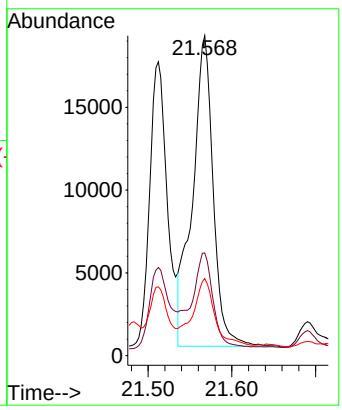


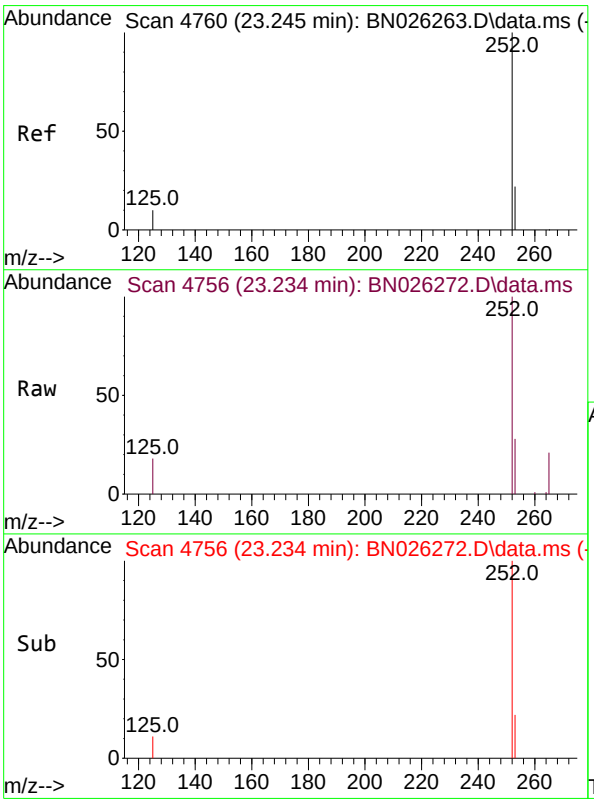
#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.568 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 32349

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	24.1	15.7	23.5#

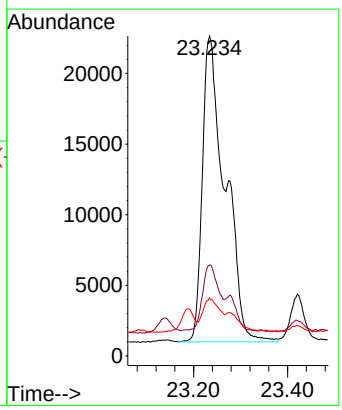


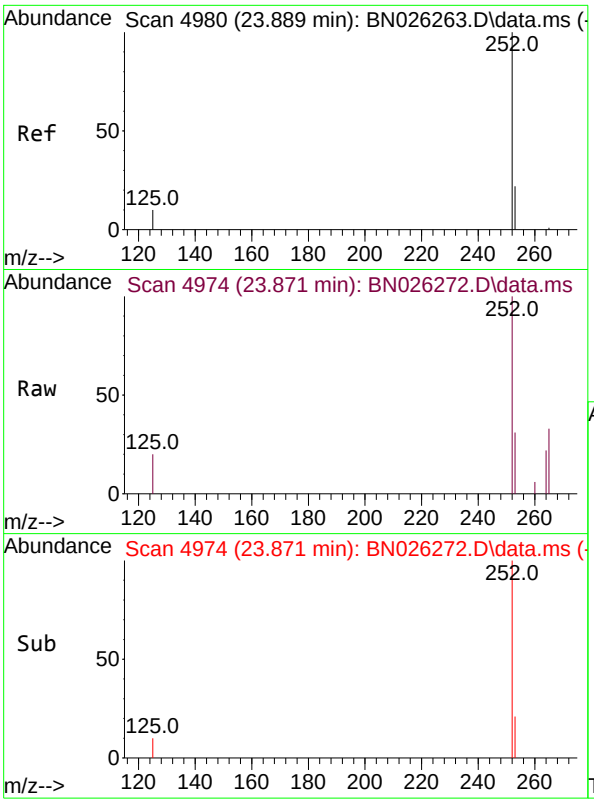


#24
Benzo(b)fluoranthene
Concen: 0.798 ng/ul
RT: 23.234 min Scan# 4756
Delta R.T. -0.012 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:252 Resp: 72745

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	55.6
125	18.1	0.0	35.8



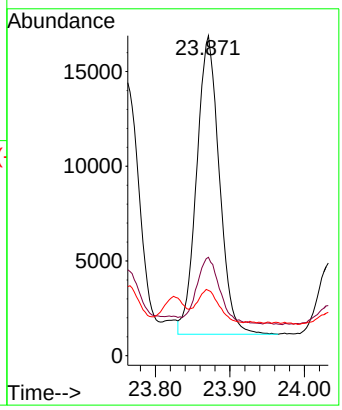


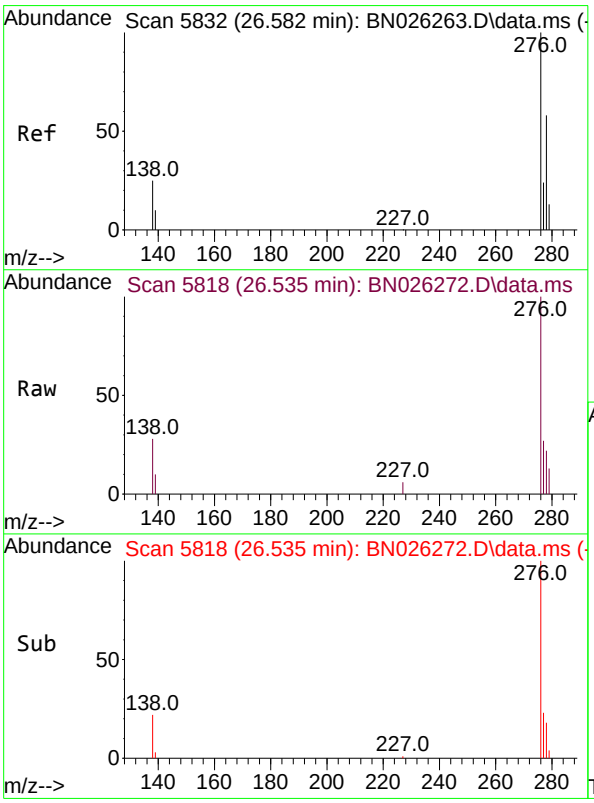
#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.871 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33337

Ion	Ratio	Lower	Upper
252	100		
253	30.7	26.0	39.0
125	20.4	17.3	25.9

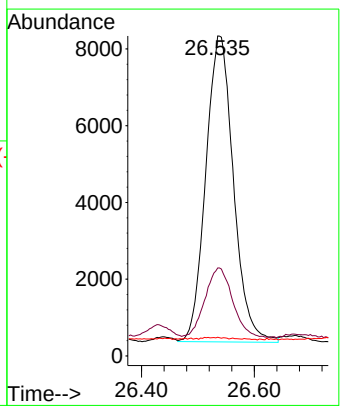


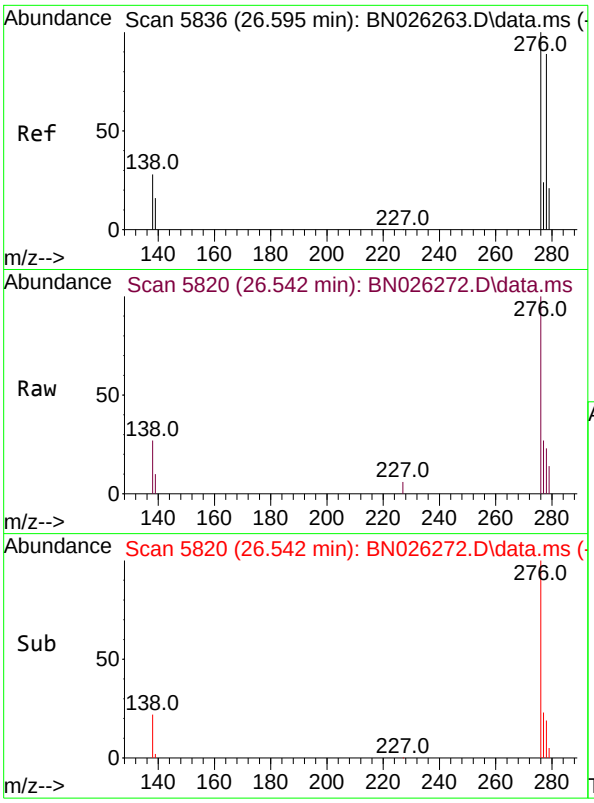


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.535 min Scan# 5818
Delta R.T. -0.047 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:276 Resp: 27146

Ion	Ratio	Lower	Upper
276	100		
138	22.6	24.5	36.7#
227	0.4	0.0	0.0#



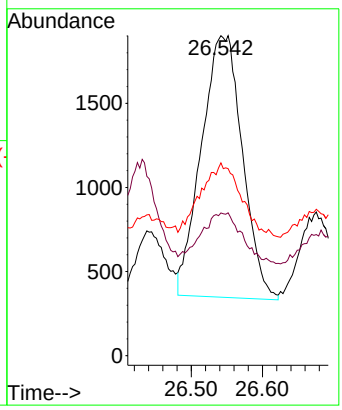


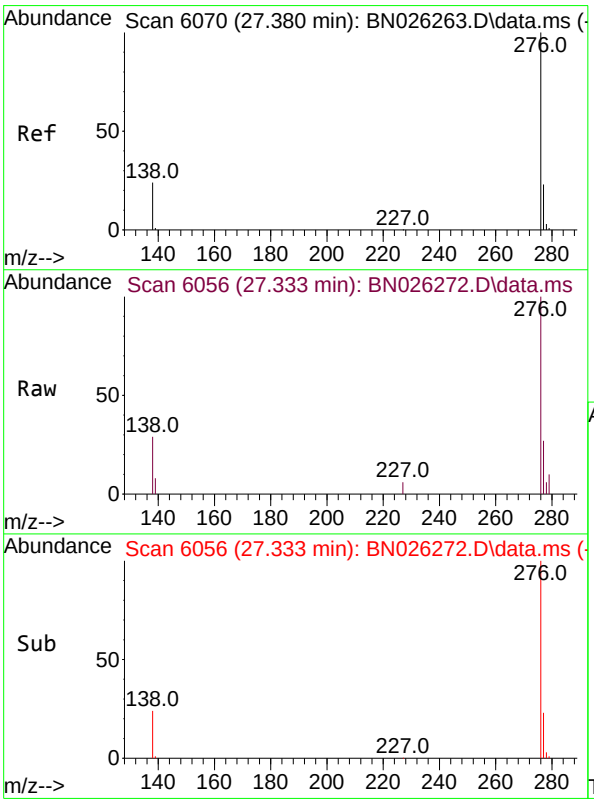
#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.542 min Scan# 5
Delta R.T. -0.054 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6238

Ion	Ratio	Lower	Upper
278	100		
139	44.6	19.0	28.4#
279	60.3	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.333 min Scan# 6056
Delta R.T. -0.047 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:276 Resp: 26056

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	27.4	20.0	30.0