Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026132.D
Acq On : 30 Jun 2023 16:18
Operator : MA/JU
Sample : 03143-09DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Quant Time: Jul 01 00:56:04 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 Jun 28 22:47:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8498	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.769	136	27613	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.602	164	15920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	32303	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	18362	0.400	ng/ul	# 0.00
23) Perylene-d12	24.001	264	18279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4631	0.484	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.363	152	1541	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	3152	0.045	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.818	128	1645	0.021	ng/ul#	79
10) Acenaphthylene	14.324	152	3076	0.041	ng/ul#	82
15) Phenanthrene	17.393	178	15125	0.142	ng/ul	98
16) Anthracene	17.486	178	2394	0.025	ng/ul#	79
19) Fluoranthene	19.409	202	40942	0.417	ng/ul	100
20) Pyrene	19.771	202	34926	0.342	ng/ul	100
21) Benzo(a)anthracene	21.528	228	15729	0.208	ng/ul#	89
22) Chrysene	21.580	228	20403	0.259	ng/ul#	86
24) Benzo(b)fluoranthene	23.252	252	41790	0.536	ng/ul	86
26) Benzo(a)pyrene	23.887	252	19366	0.286	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.563	276	17289	0.234	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.570	278	4269	0.076	ng/ul#	33
29) Benzo(g,h,i)perylene	27.358	276	16181	0.246	ng/ul#	91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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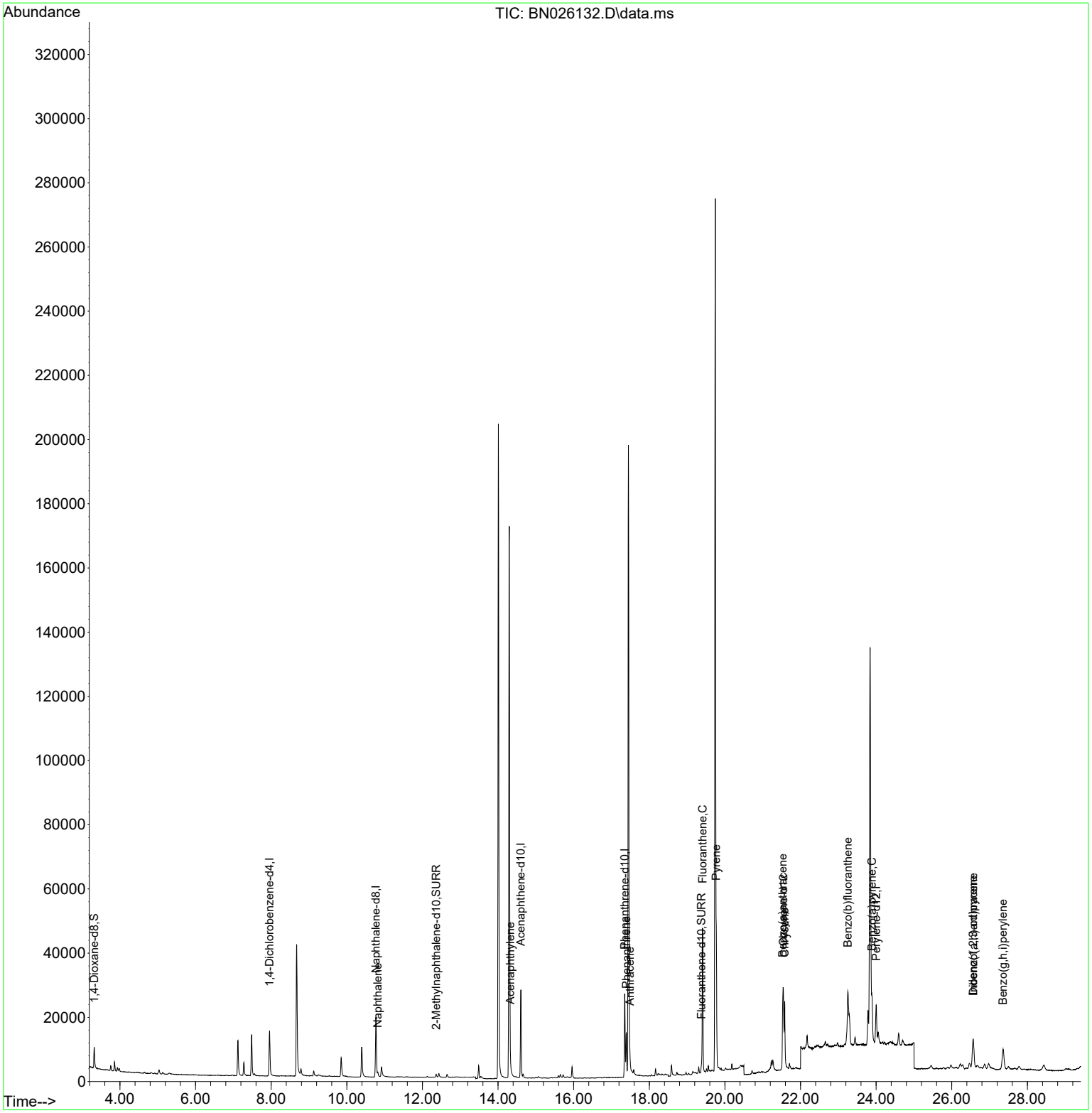
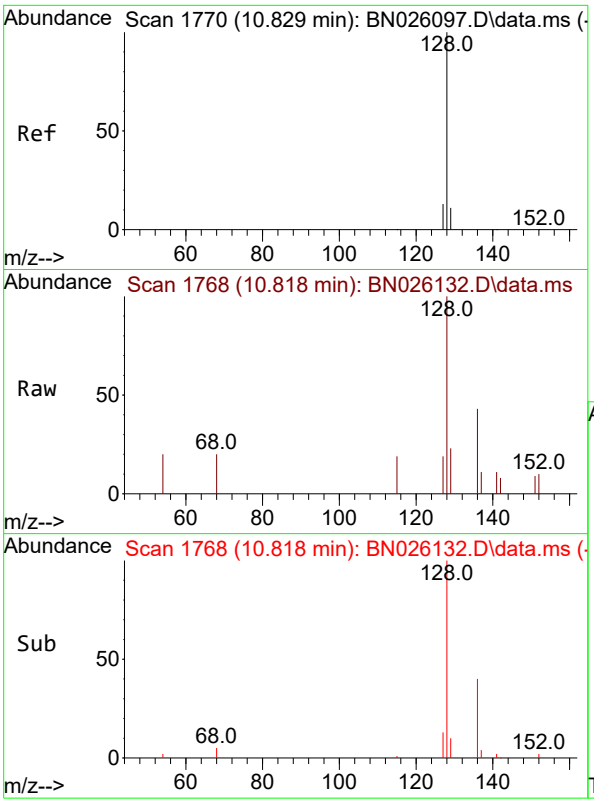


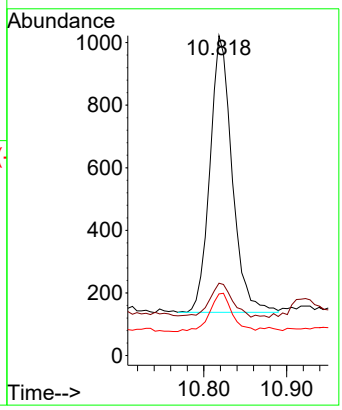


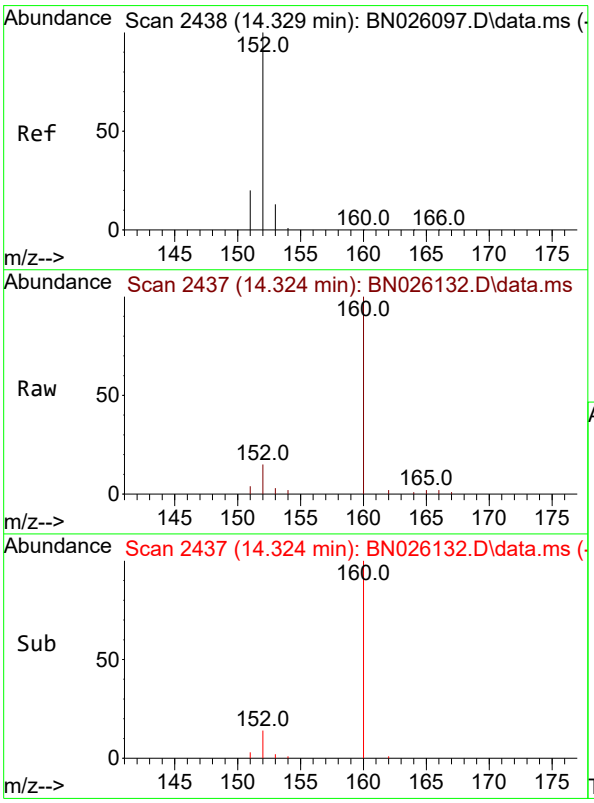
#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.818 min Scan# 1
Delta R.T. -0.018 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:128 Resp: 1645

Ion	Ratio	Lower	Upper
128	100		
129	22.6	9.1	13.7#
127	19.3	10.7	16.1#

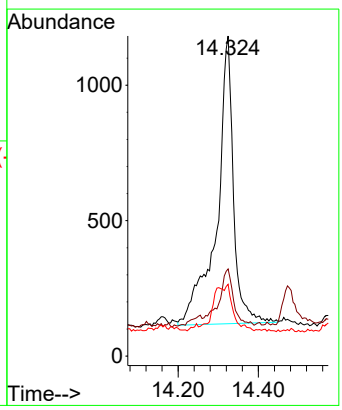


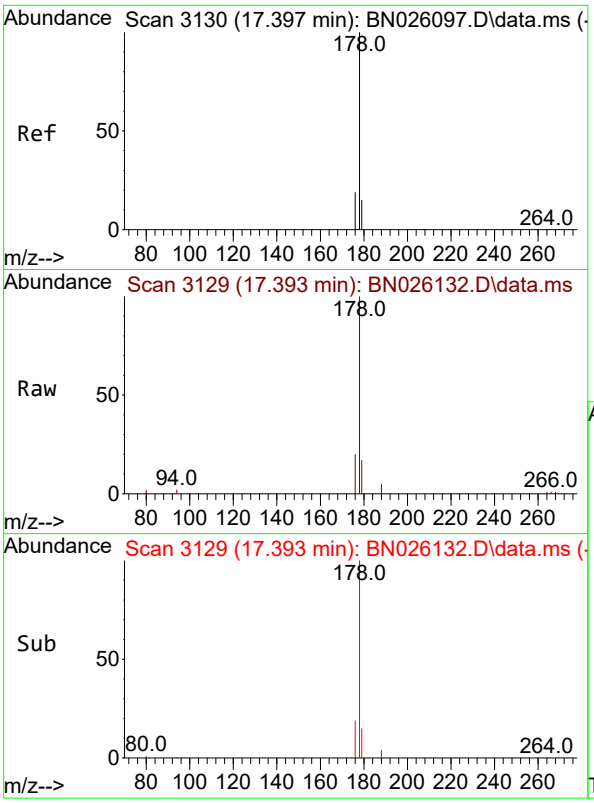


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:152 Resp: 3076

Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.2	24.4#
153	22.4	10.9	16.3#



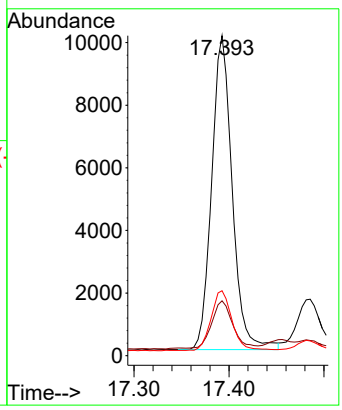


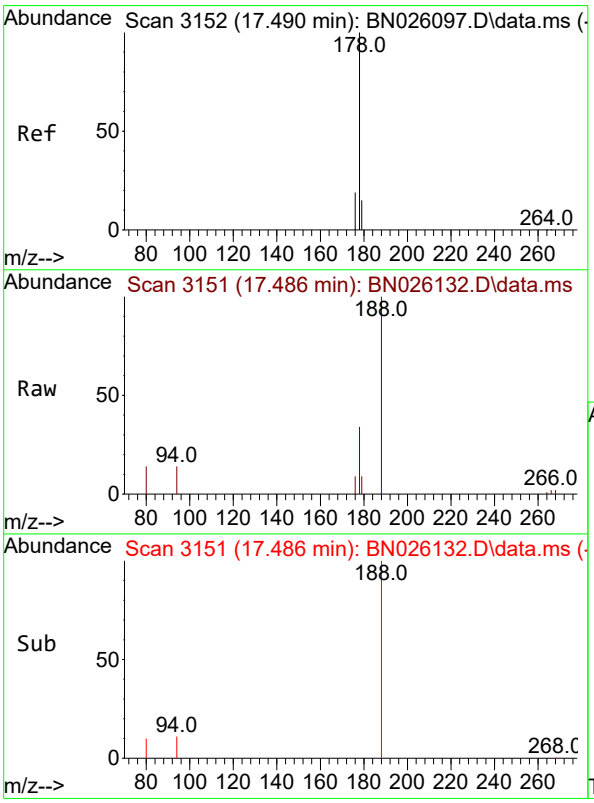
#15
Phenanthrene
Concen: 0.142 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:178 Resp: 15125

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	20.3	15.8	23.6

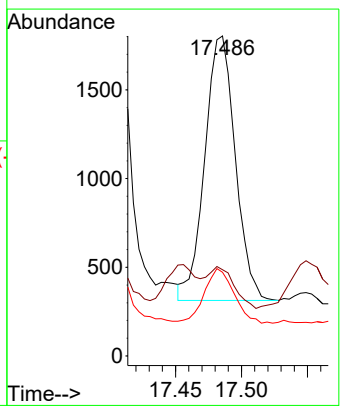


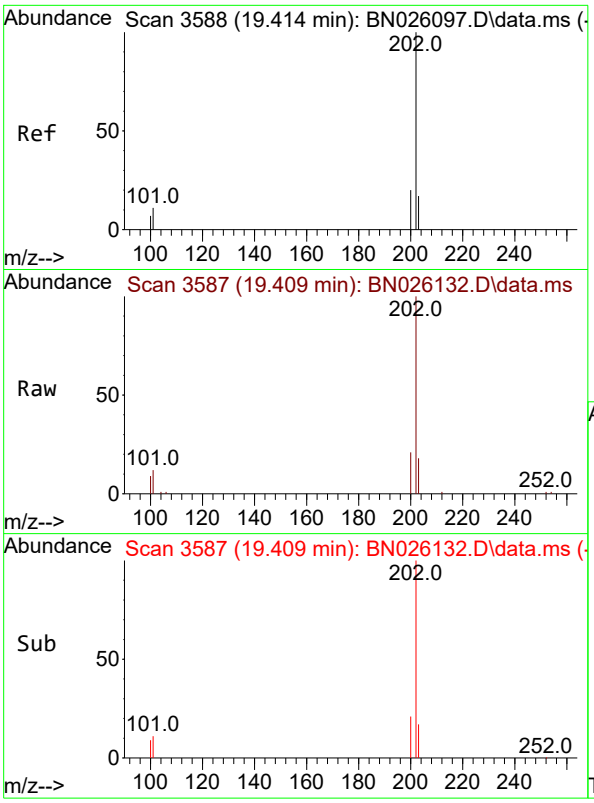


#16
Anthracene
Concen: 0.025 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:178 Resp: 2394

Ion	Ratio	Lower	Upper
178	100		
179	26.9	12.6	18.8#
176	26.2	15.1	22.7#



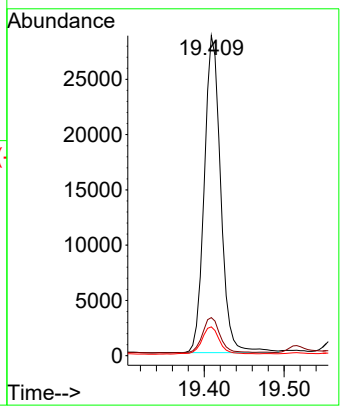


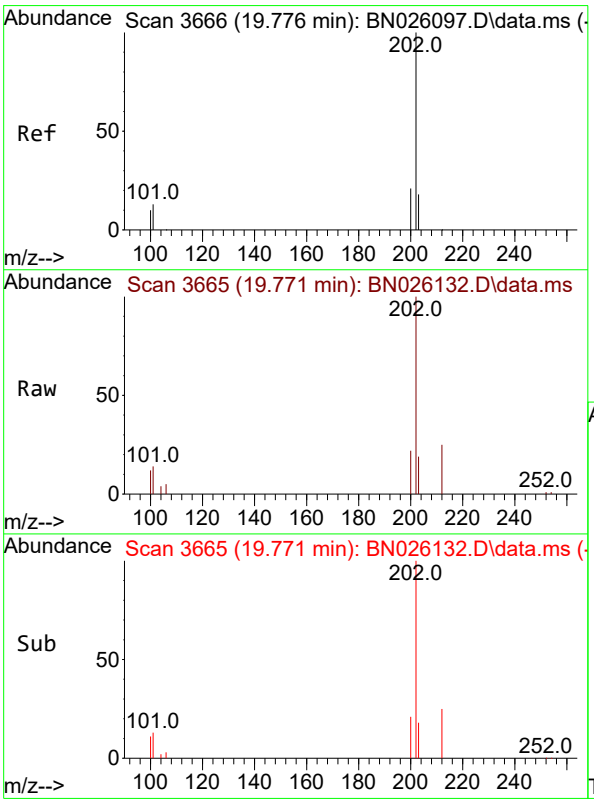
#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.409 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:202 Resp: 40942

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	9.0	7.3	10.9

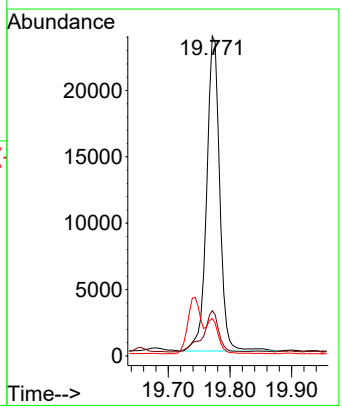


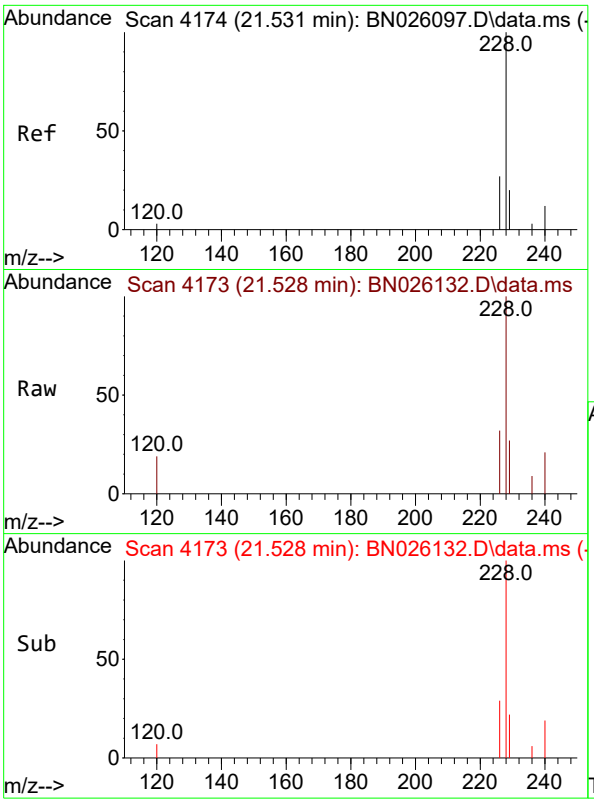


#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:202 Resp: 34926

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.0
100	11.7	9.1	13.7



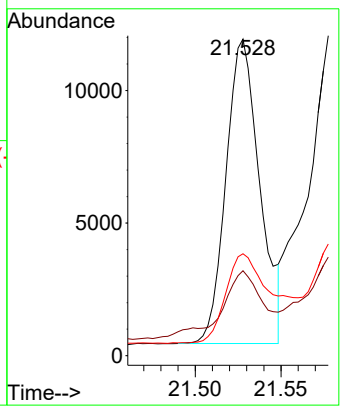


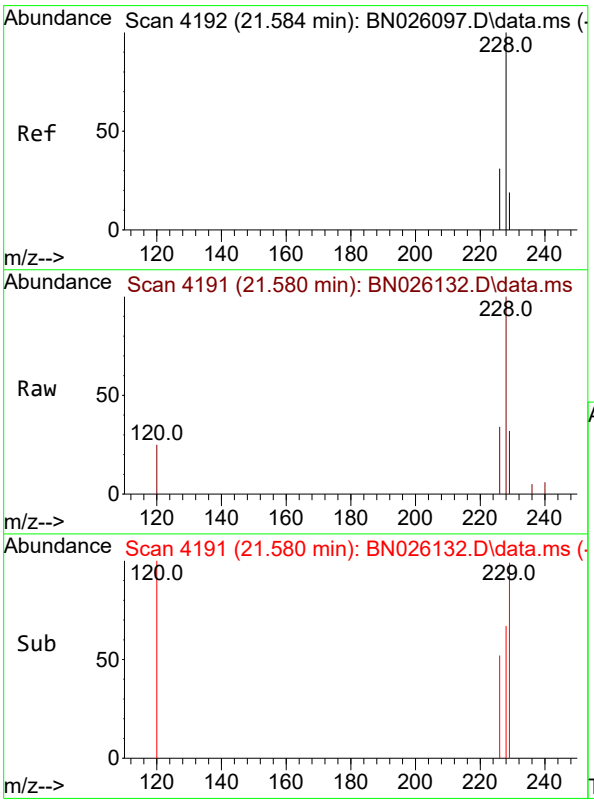
#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.528 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:228 Resp: 15729

Ion	Ratio	Lower	Upper
228	100		
229	26.9	15.8	23.6#
226	32.2	22.5	33.7

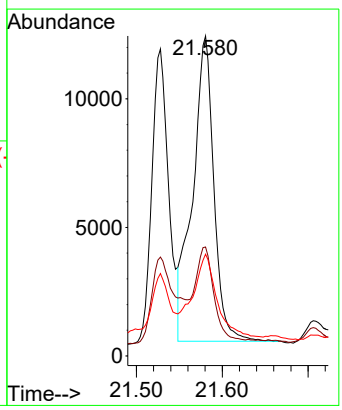


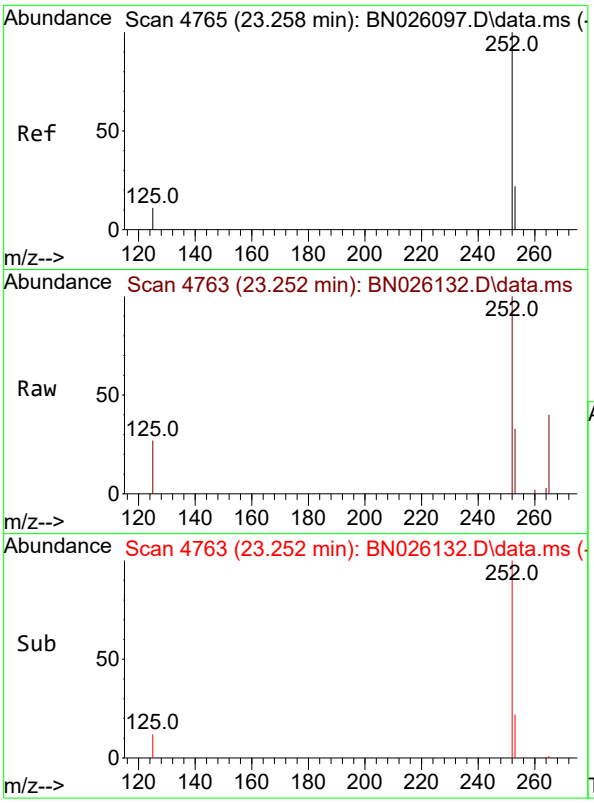


#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.002 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:228 Resp: 20403

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.8	37.2
229	31.8	15.7	23.5#



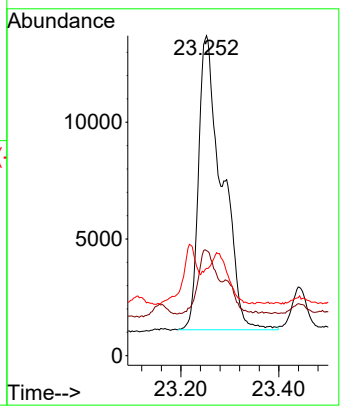


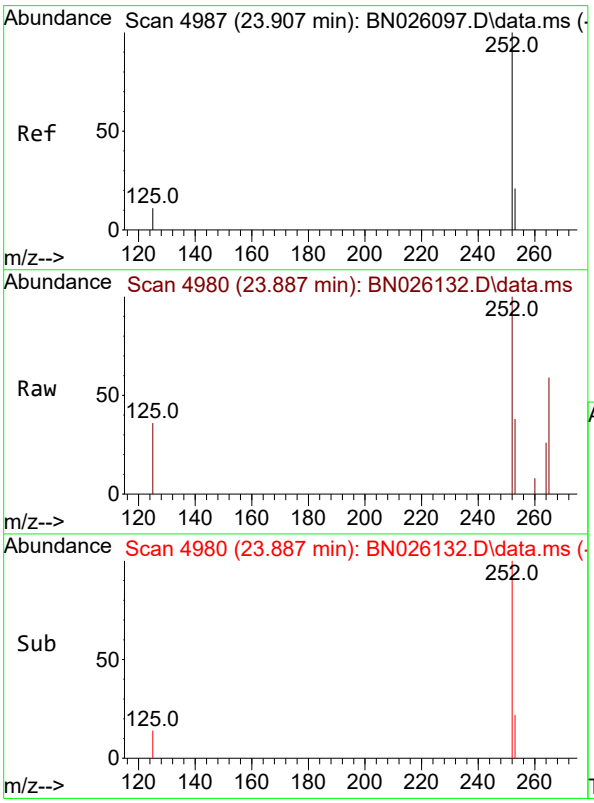
#24
Benzo(b)fluoranthene
Concen: 0.536 ng/ul
RT: 23.252 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:252 Resp: 41790

Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	55.6
125	27.3	0.0	35.8

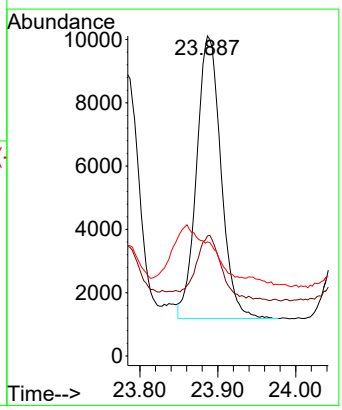


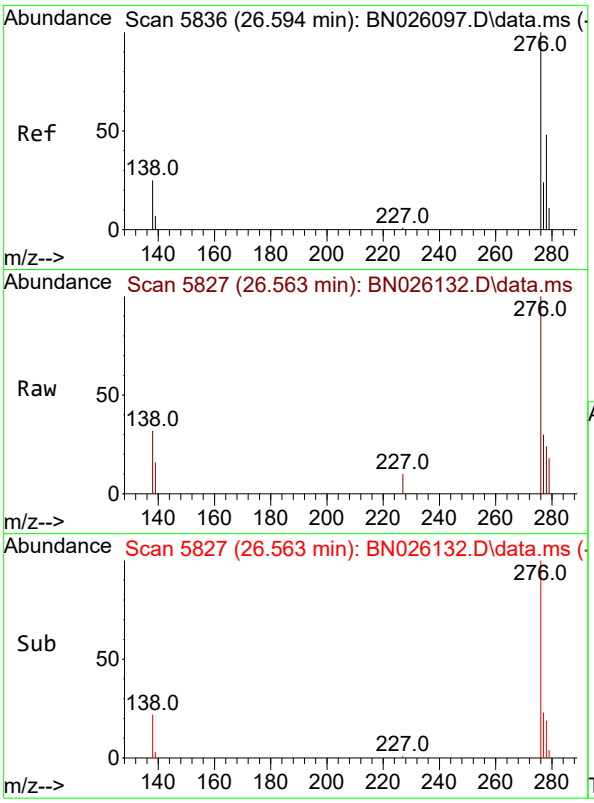


#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:252 Resp: 19366

Ion	Ratio	Lower	Upper
252	100		
253	37.5	26.0	39.0
125	35.7	17.3	25.9#



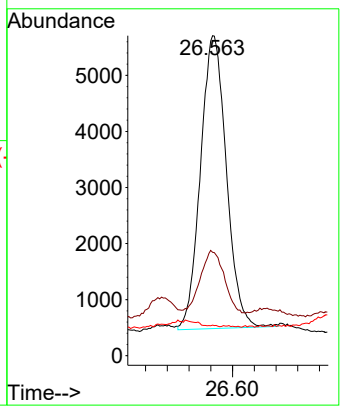


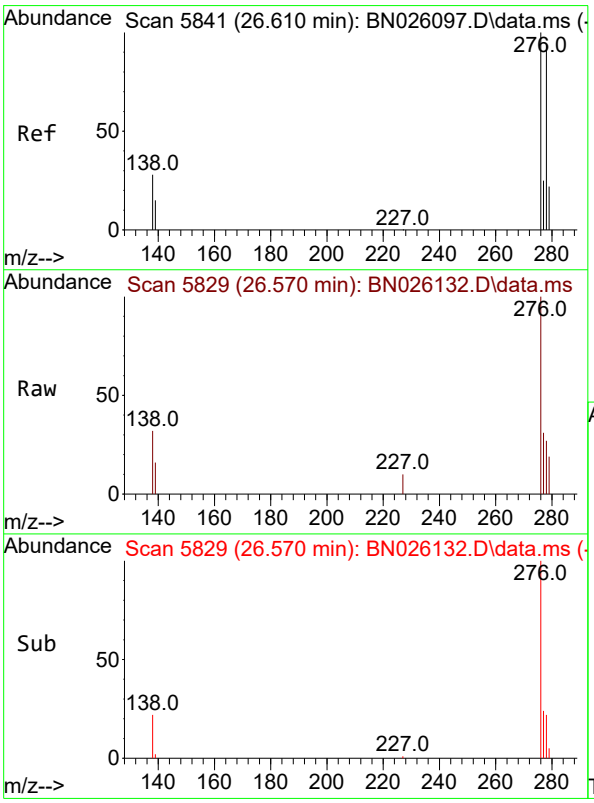
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.563 min Scan# 5
Delta R.T. -0.031 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:276 Resp: 17289

Ion	Ratio	Lower	Upper
276	100		
138	21.5	24.5	36.7#
227	0.0	0.0	0.0

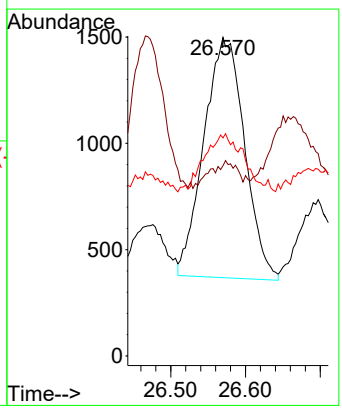


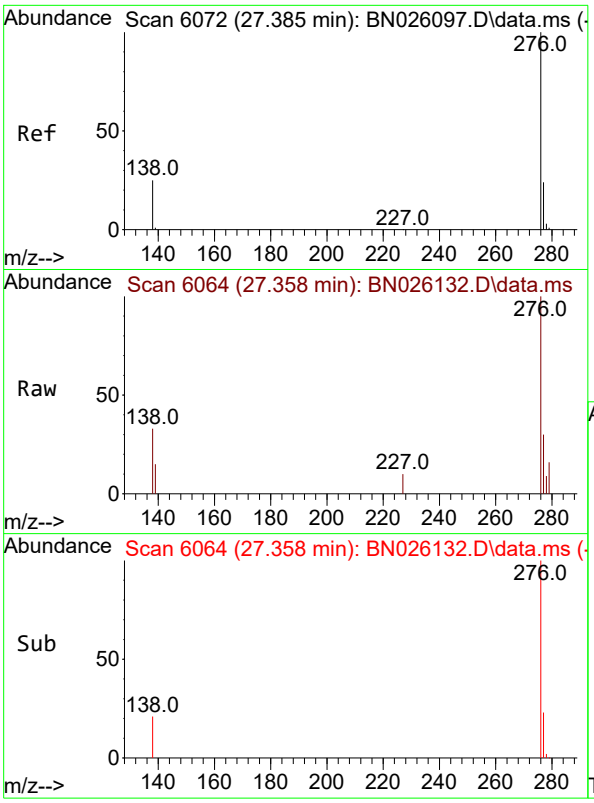


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. -0.045 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Tgt Ion:278 Resp: 4269

Ion	Ratio	Lower	Upper
278	100		
139	59.7	19.0	28.4#
279	68.5	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.246 ng/ul
RT: 27.358 min Scan# 6
Delta R.T. -0.028 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

Instrument :
BNA_N
ClientSampleId :
DCFU6DL

Tgt Ion:276 Resp: 16181

Ion	Ratio	Lower	Upper
276	100		
138	33.3	23.4	35.0
277	30.1	20.0	30.0#