Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
Data File : BN025211.D
Acq On : 01 May 2023 16:52
Operator : CG/JU
Sample : 02488-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHE76

Quant Time: May 02 04:02:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	20867	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	12906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	28624	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	19586	0.400	ng/ul	0.00
23) Perylene-d12	23.949	264	17751	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	37523	5.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12165	0.454	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	32093	0.621	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	1677	0.242	ng/ul#	80
14) Pentachlorophenol	16.963	266	238	0.042	ng/ul	92
16) Anthracene	17.440	178	1549	0.023	ng/ul#	72
19) Fluoranthene	19.368	202	2409	0.034	ng/ul#	83
20) Pyrene	19.731	202	2135	0.029	ng/ul#	64
21) Benzo(a)anthracene	21.494	228	1987	0.034	ng/ul#	88
22) Chrysene	21.544	228	1988	0.031	ng/ul#	88
24) Benzo(b)fluoranthene	23.207	252	2265	0.031	ng/ul#	28
25) Benzo(k)fluoranthene	23.250	252	1907	0.028	ng/ul#	22
26) Benzo(a)pyrene	23.838	252	1428	0.024	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	26.497	276	2086	0.030	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.524	278	1602	0.030	ng/ul#	27
29) Benzo(g,h,i)perylene	27.275	276	1770	0.030	ng/ul#	71

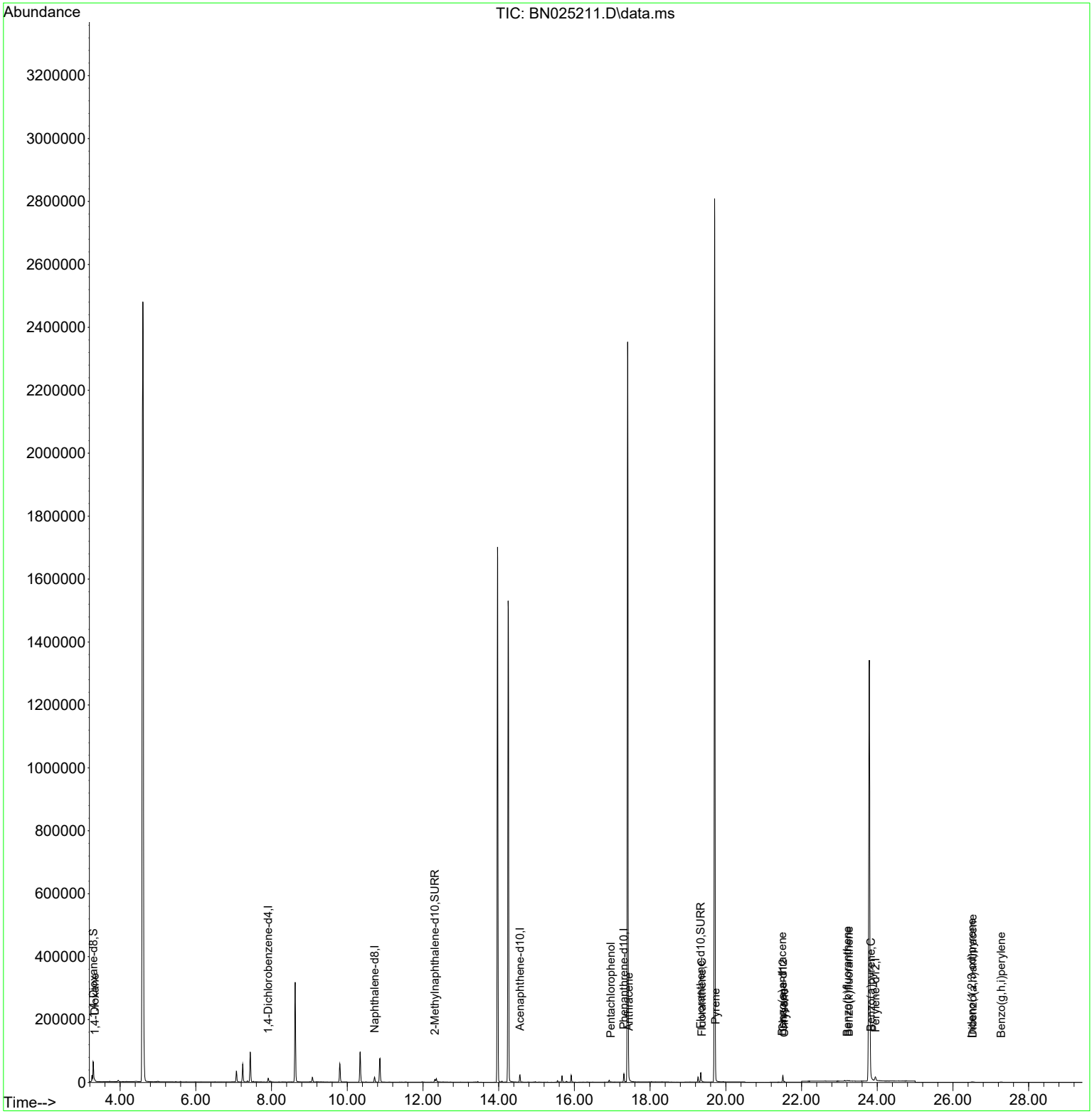
(#) = qualifier out of range (m) = manual integration (+) = signals summed

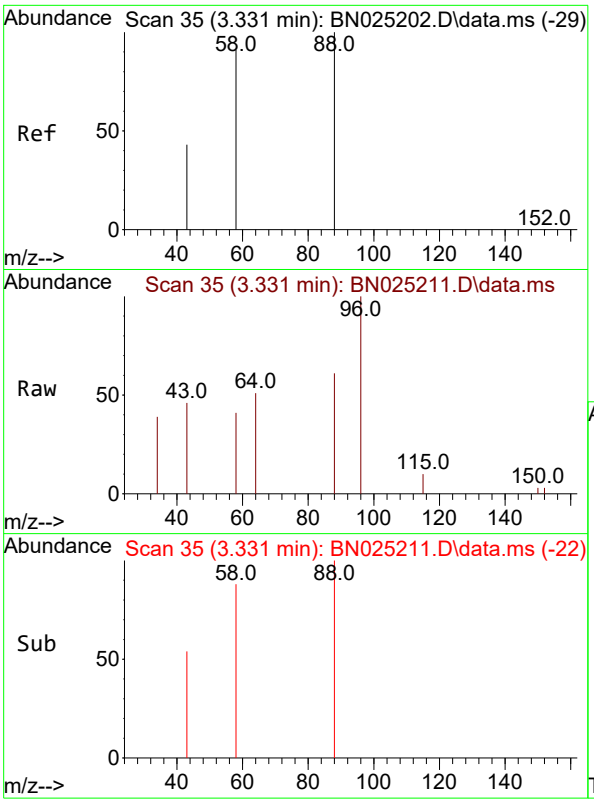
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
Data File : BN025211.D
Acq On : 01 May 2023 16:52
Operator : CG/JU
Sample : 02488-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHE76

Quant Time: May 02 04:02:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration



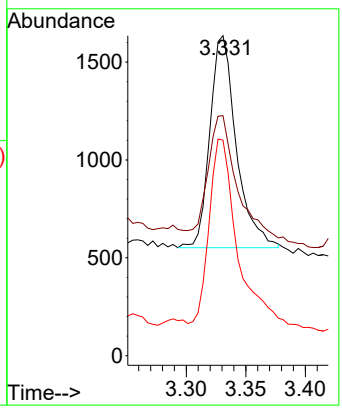


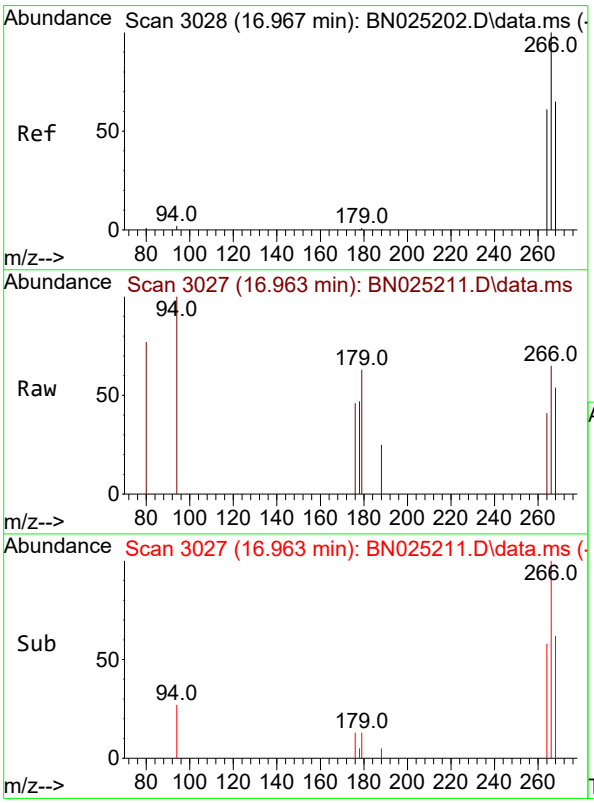
#2
1,4-Dioxane
Concen: 0.242 ng/ul
RT: 3.331 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion: 88 Resp: 1677

Ion	Ratio	Lower	Upper
88	100		
43	75.0	37.0	55.4#
58	67.3	56.9	85.3

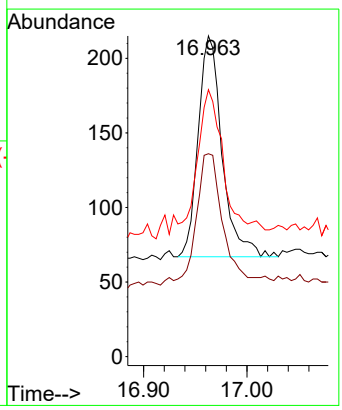


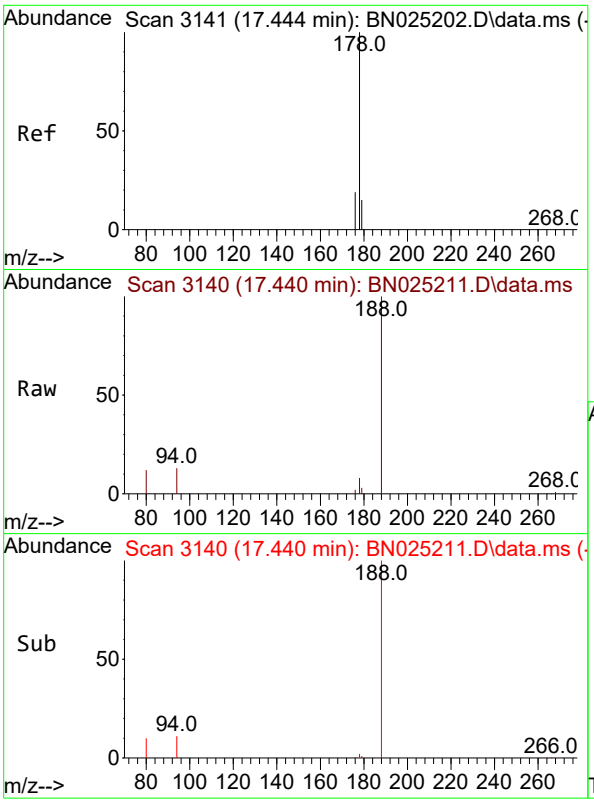


#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.003 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:266 Resp: 238

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.6	74.4
268	75.6	51.3	76.9



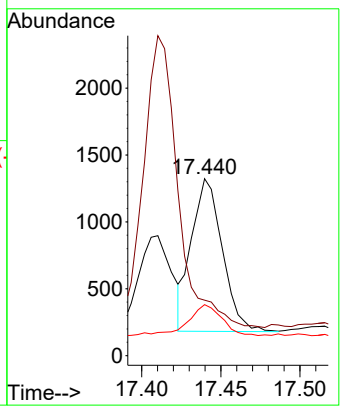


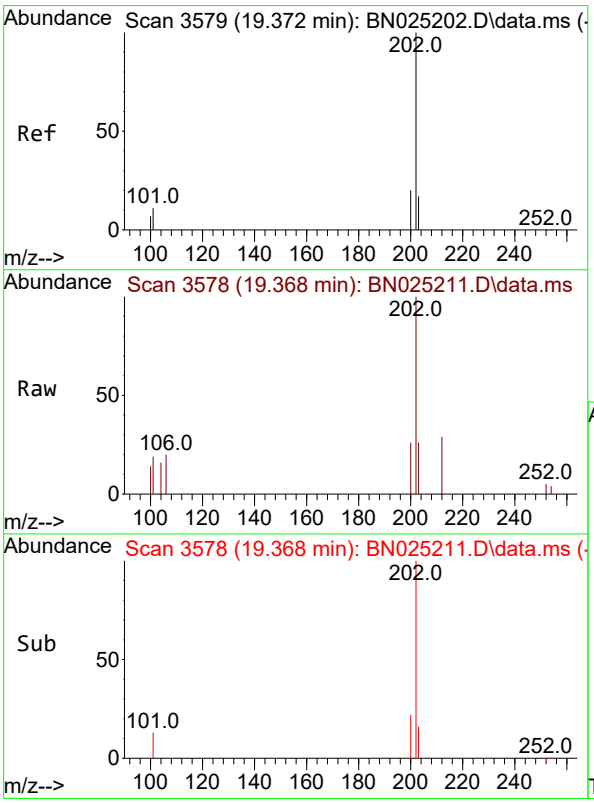
#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.440 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:178 Resp: 1549

Ion	Ratio	Lower	Upper
178	100		
179	31.4	12.7	19.1#
176	28.8	15.3	22.9#

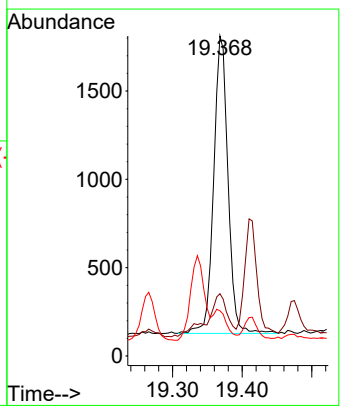


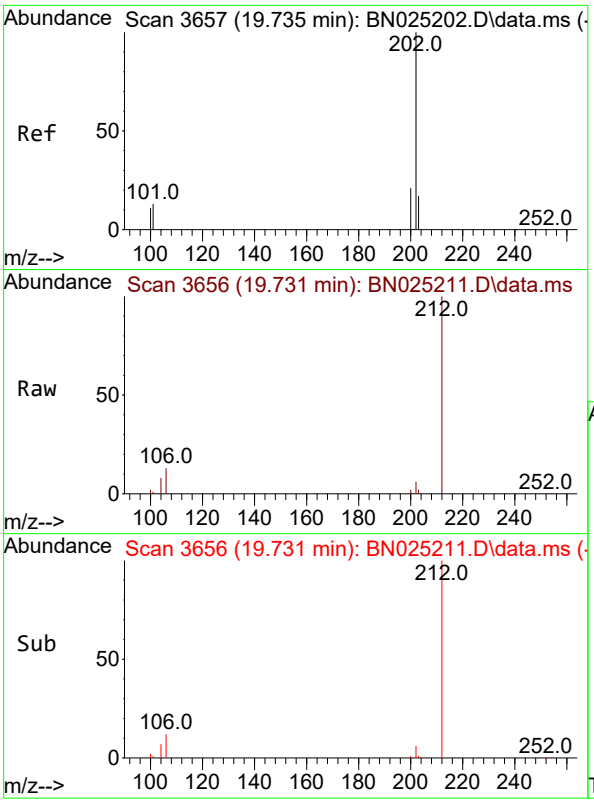


#19
Fluoranthene
Concen: 0.034 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:202 Resp: 2409

Ion	Ratio	Lower	Upper
202	100		
101	19.5	9.7	14.5#
100	14.1	7.3	10.9#



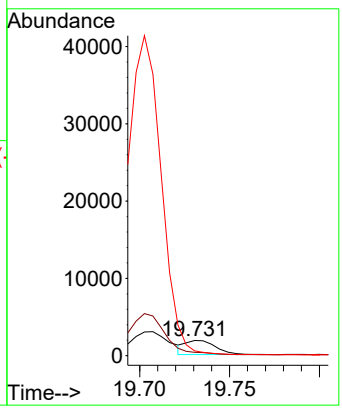


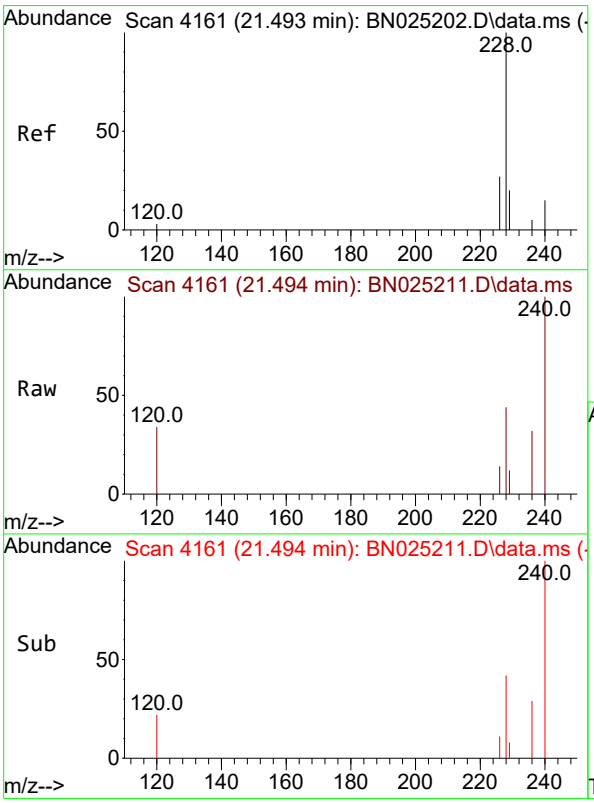
#20
Pyrene
Concen: 0.029 ng/ul
RT: 19.731 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:202 Resp: 2135

Ion	Ratio	Lower	Upper
202	100		
101	22.6	11.3	16.9#
100	32.3	9.2	13.8#

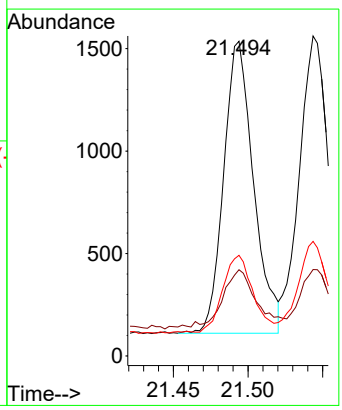


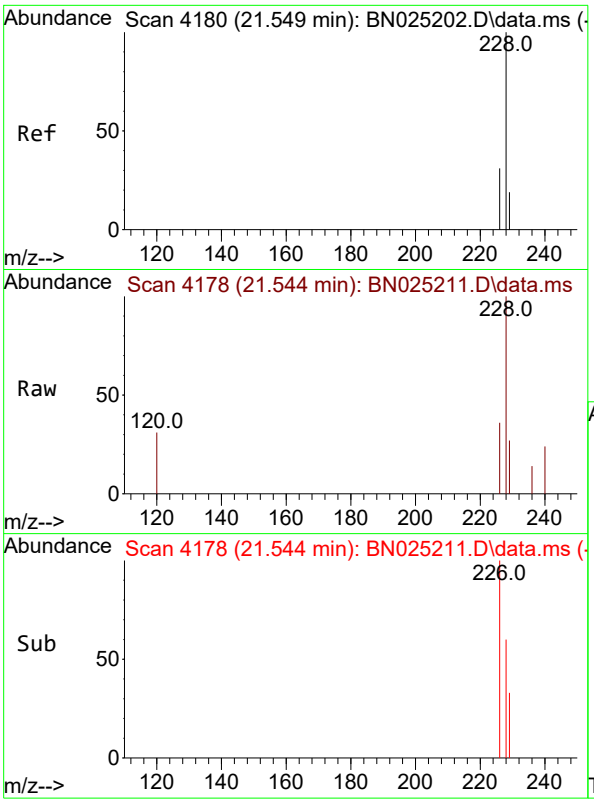


#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:228 Resp: 1987

Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.6	23.4#
226	32.0	22.1	33.1



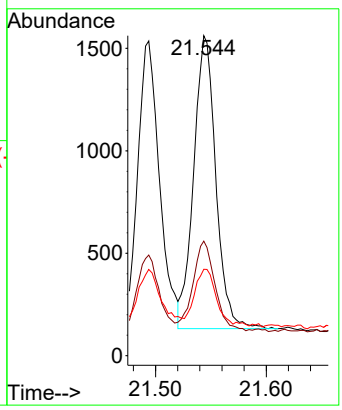


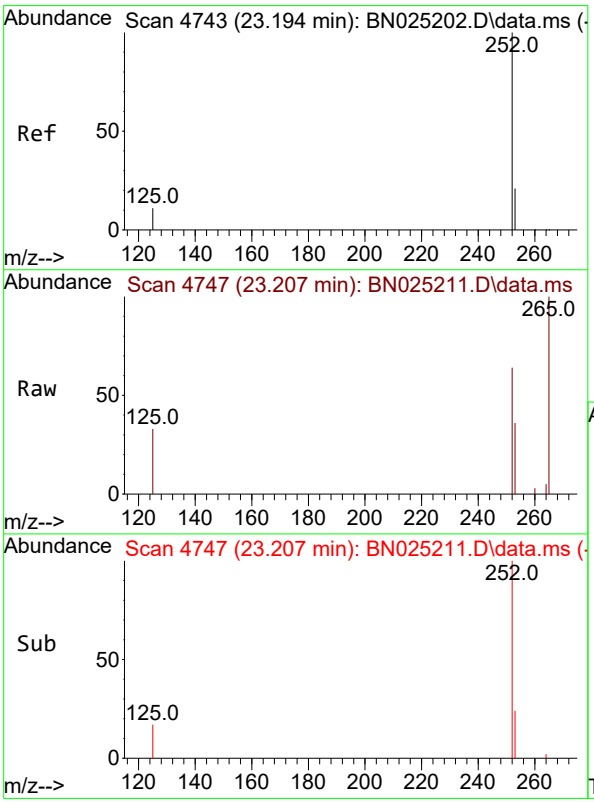
#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.544 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:228 Resp: 1988

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.5	36.7
229	27.0	15.8	23.6#

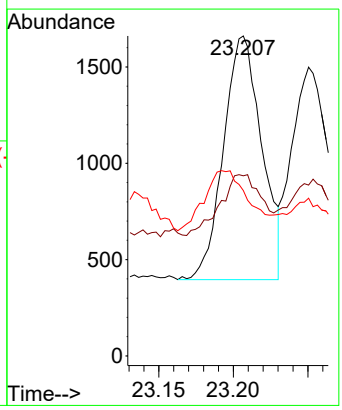


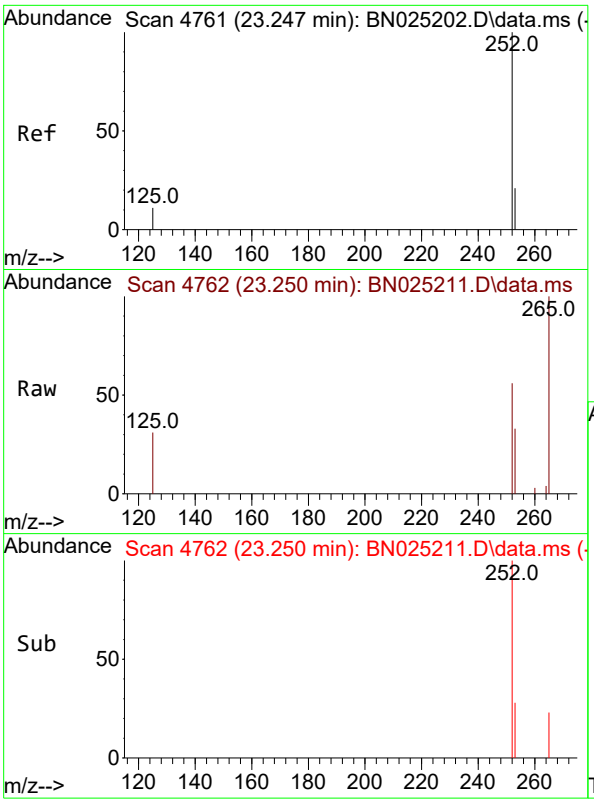


#24
Benzo(b)fluoranthene
Concen: 0.031 ng/ul
RT: 23.207 min Scan# 4747
Delta R.T. 0.007 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:252 Resp: 2265

Ion	Ratio	Lower	Upper
252	100		
253	56.3	0.0	50.2#
125	51.7	0.0	30.4#



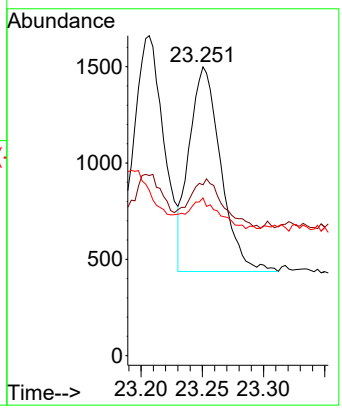


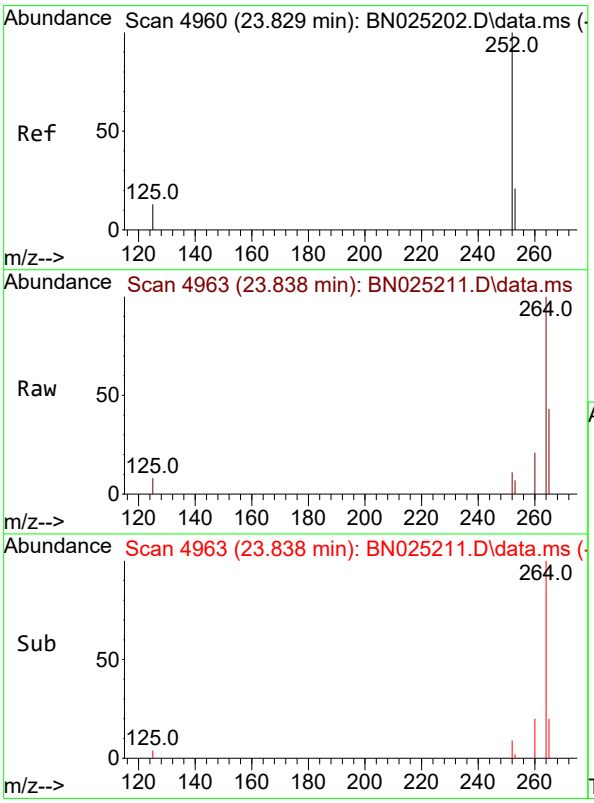
#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul
RT: 23.250 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:252 Resp: 1907

Ion	Ratio	Lower	Upper
252	100		
253	59.2	20.2	30.4#
125	54.6	11.8	17.8#

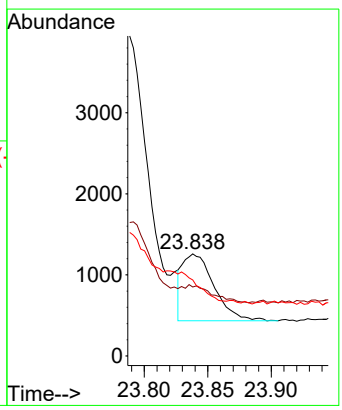


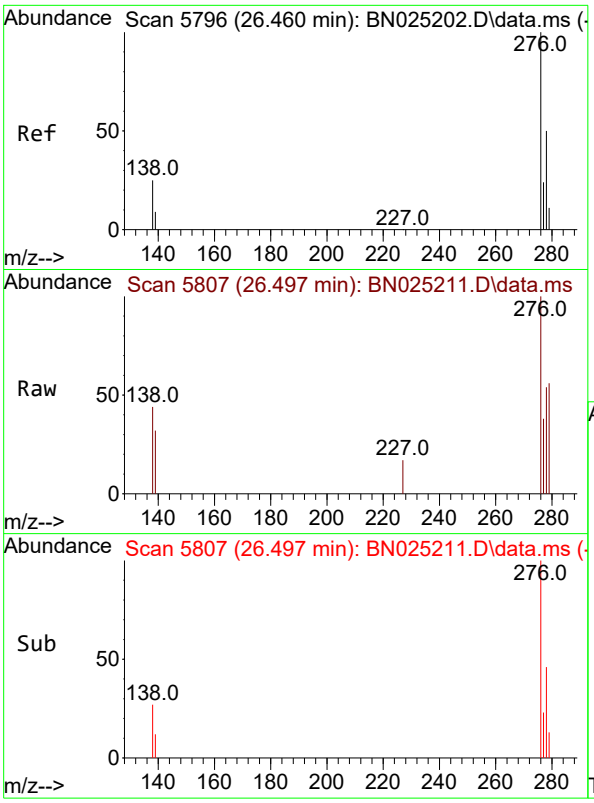


#26
Benzo(a)pyrene
Concen: 0.024 ng/ul
RT: 23.838 min Scan# 4963
Delta R.T. -0.005 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:252 Resp: 1428

Ion	Ratio	Lower	Upper
252	100		
253	67.5	21.4	32.2#
125	74.5	14.6	22.0#



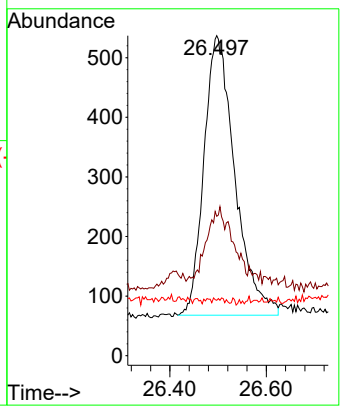


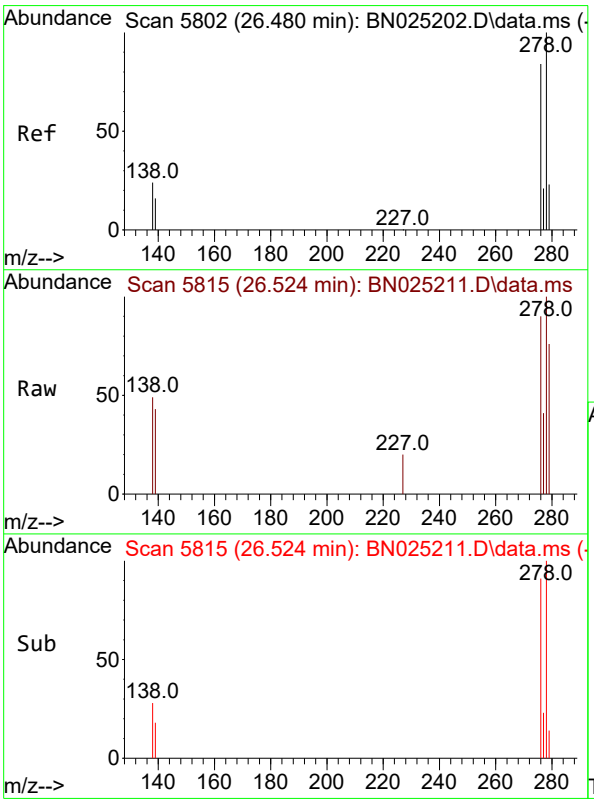
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.497 min Scan# 5
Delta R.T. 0.015 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:276 Resp: 2086

Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.9	32.9
227	0.1	0.1	0.1#

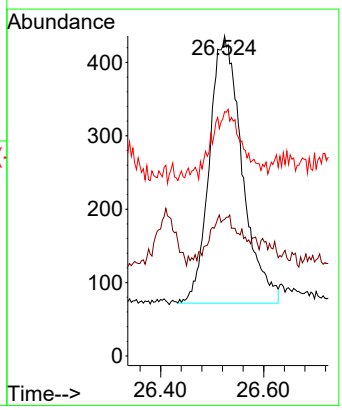


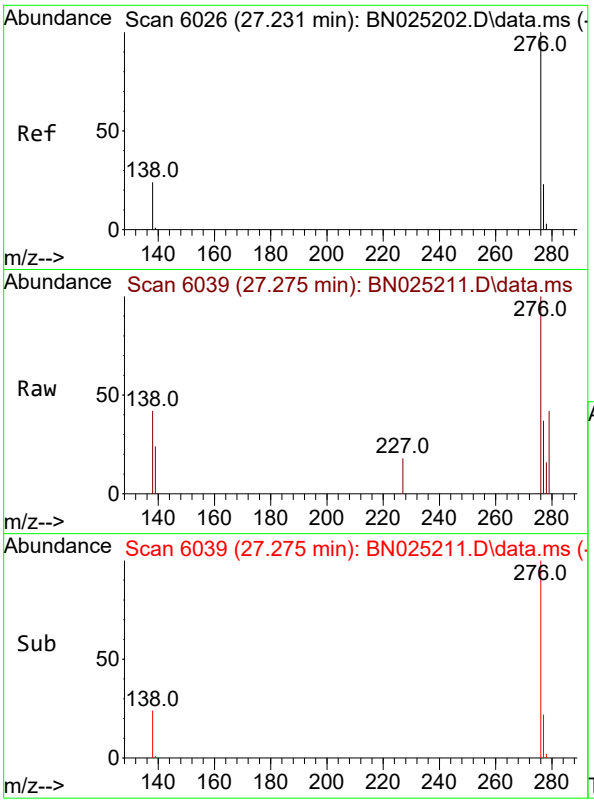


#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.524 min Scan# 5815
Delta R.T. 0.018 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Tgt Ion:278 Resp: 1602

Ion	Ratio	Lower	Upper
278	100		
139	42.7	17.0	25.6#
279	76.4	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 27.275 min Scan# 6
Delta R.T. 0.015 min
Lab File: BN025211.D
Acq: 01 May 2023 16:52

Instrument :
BNA_N
ClientSampleId :
BHE76

Tgt Ion:276 Resp: 1770

Ion	Ratio	Lower	Upper
276	100		
138	42.3	20.3	30.5#
277	37.2	19.8	29.6#