Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
Data File : BN025144.D
Acq On : 26 Apr 2023 13:55
Operator : CG/JU
Sample : 02373-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB9D3

Quant Time: Apr 27 00:13:34 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 : Wed Apr 26 15:32:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	23954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	14941	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	32856	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	26135	0.400	ng/ul	0.00
23) Perylene-d12	23.934	264	25298	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	37506	4.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	10773	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	29918	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	706	0.085	ng/ul#	27
15) Phenanthrene	17.351	178	3947	0.043	ng/ul#	89
19) Fluoranthene	19.367	202	12198	0.129	ng/ul	96
20) Pyrene	19.734	202	10472	0.108	ng/ul	97
21) Benzo(a)anthracene	21.490	228	4315	0.055	ng/ul#	90
22) Chrysene	21.543	228	6711	0.078	ng/ul#	93
24) Benzo(b)fluoranthene	23.194	252	12271	0.120	ng/ul#	62
26) Benzo(a)pyrene	23.823	252	4782	0.056	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.446	276	3878	0.040	ng/ul#	94
29) Benzo(g,h,i)perylene	27.224	276	4054	0.049	ng/ul#	84

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

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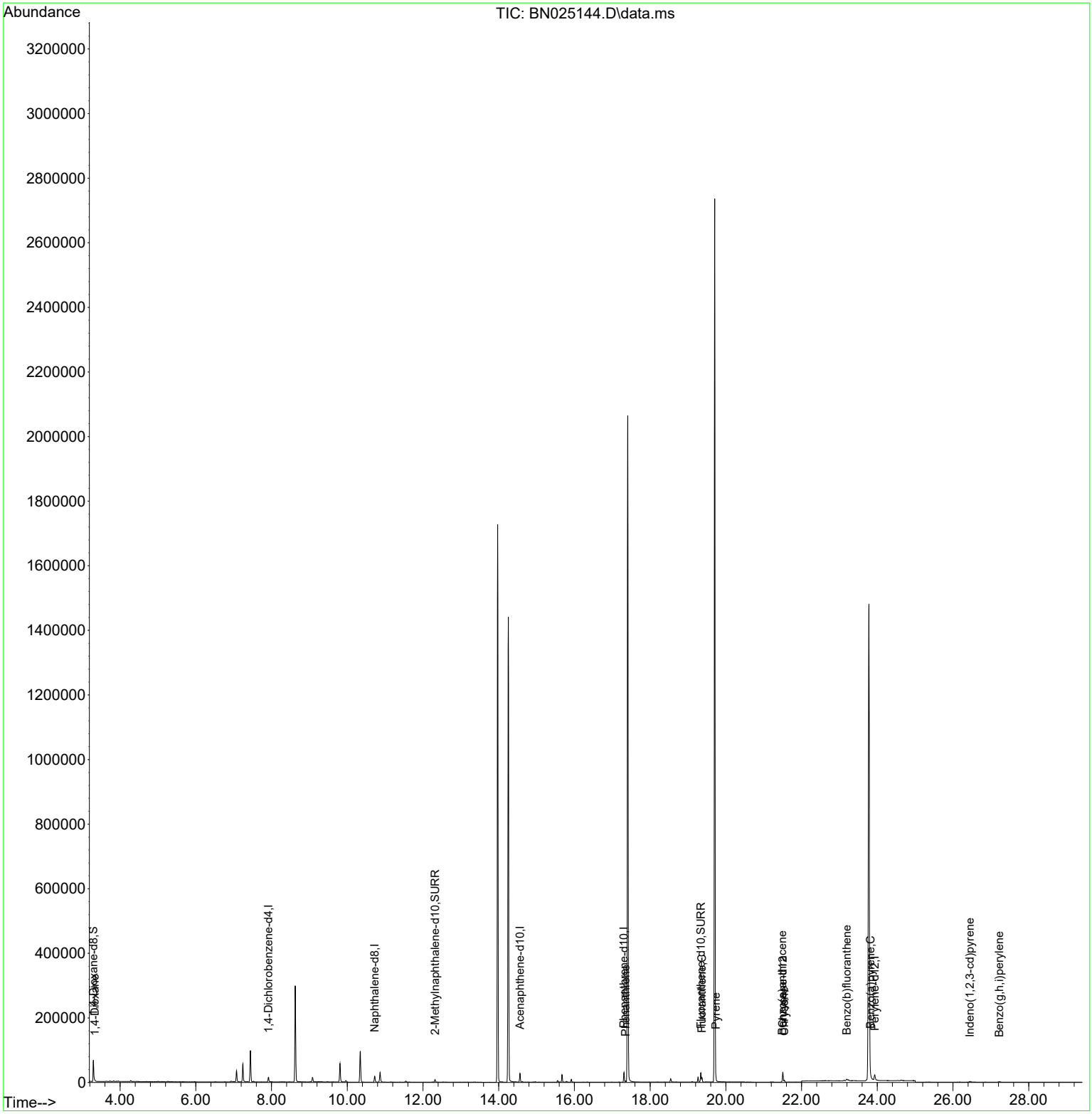
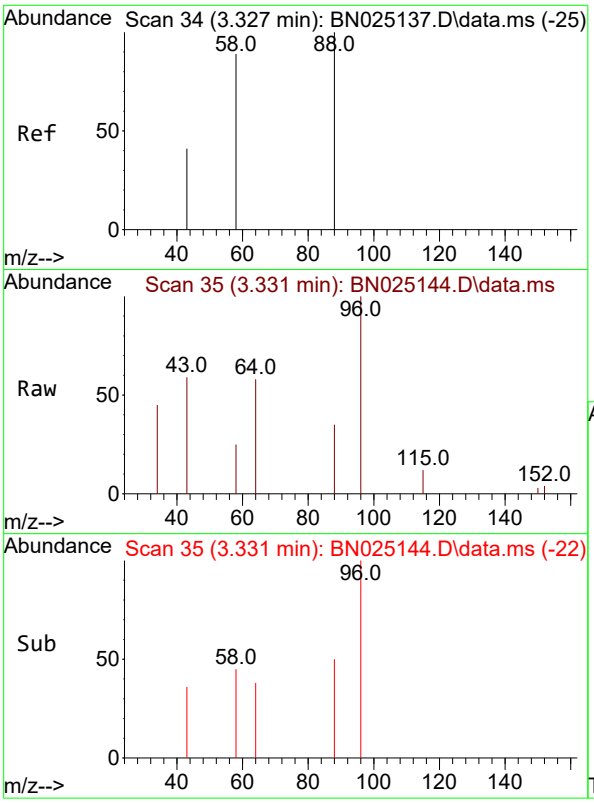


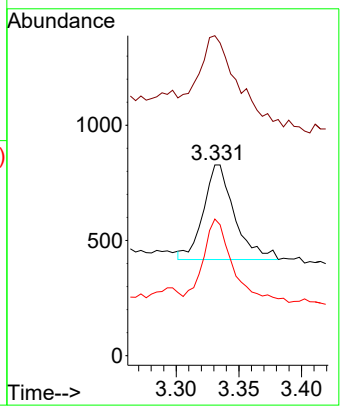


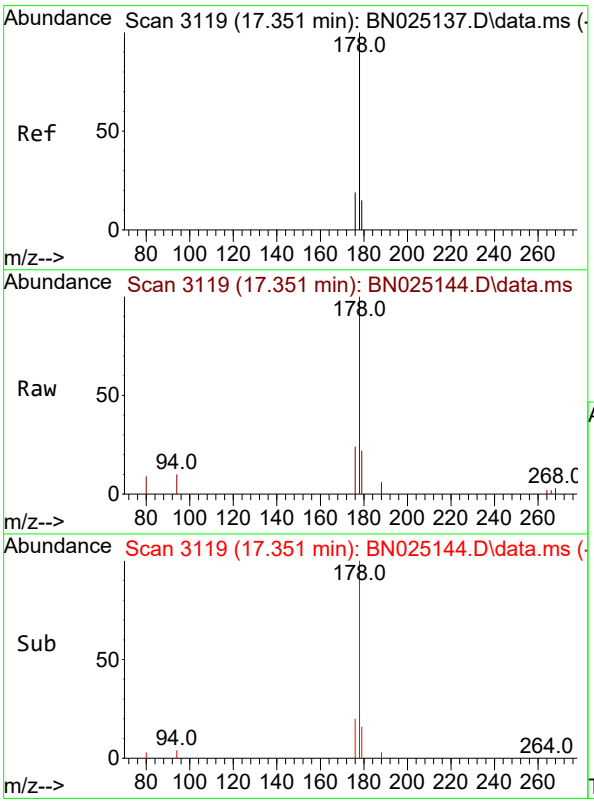
#2
1,4-Dioxane
Concen: 0.085 ng/ul
RT: 3.331 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion: 88 Resp: 706

Ion	Ratio	Lower	Upper
88	100		
43	167.8	37.0	55.4#
58	71.6	56.9	85.3

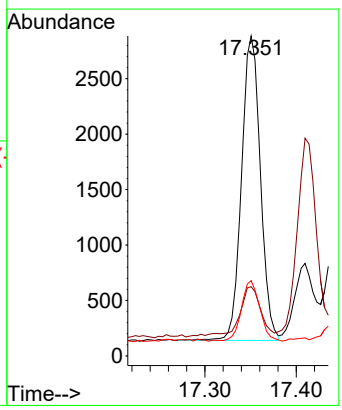


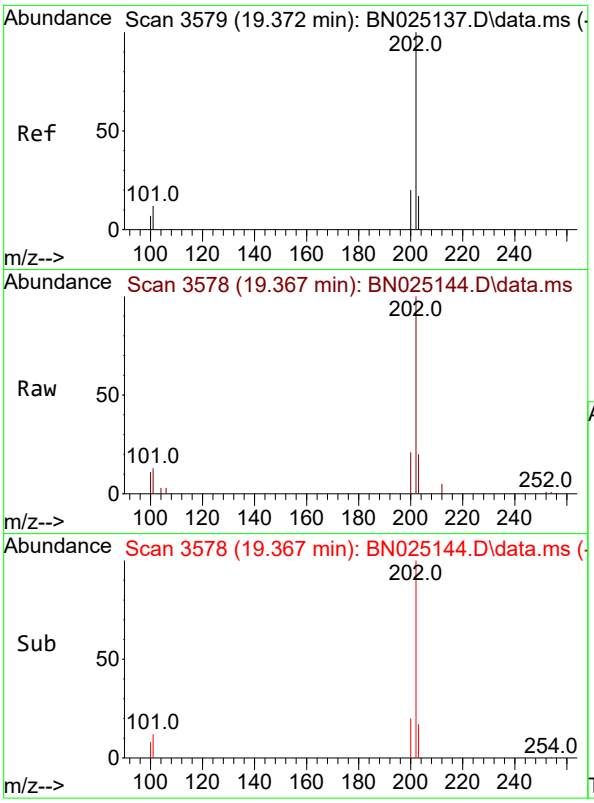


#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:178 Resp: 3947

Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.5	18.7#
176	23.5	15.6	23.4#



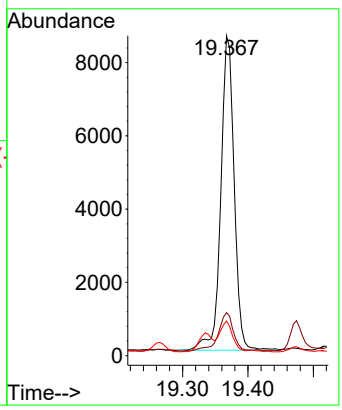


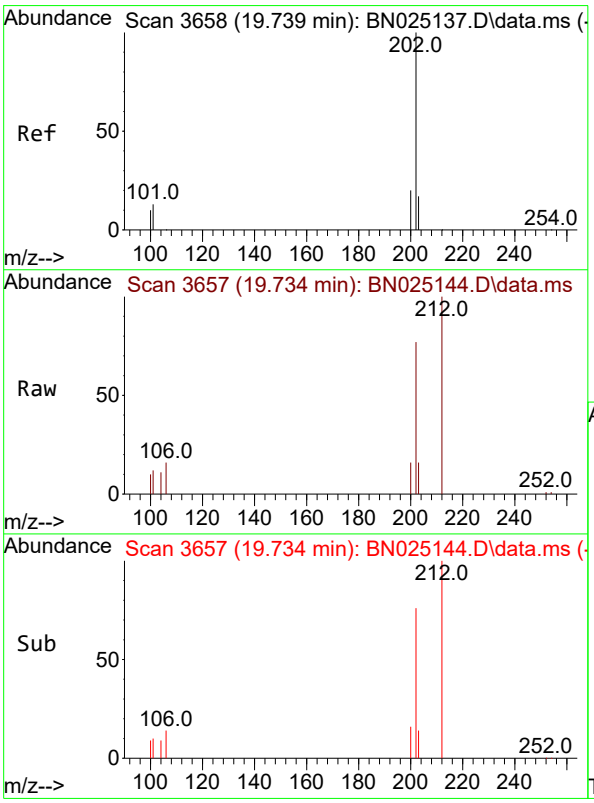
#19
Fluoranthene
Concen: 0.129 ng/ul
RT: 19.367 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion:202 Resp: 12198

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.9	7.3	10.9

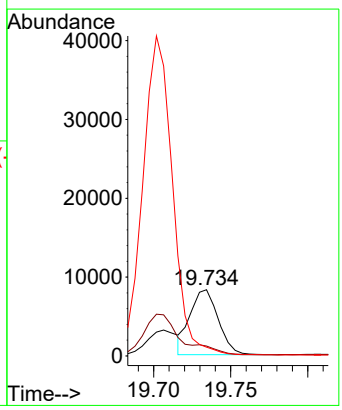


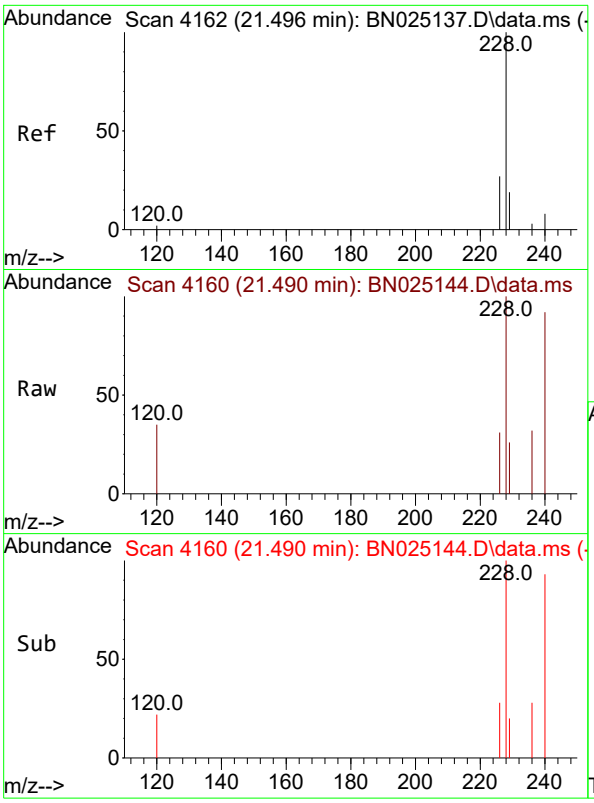


#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:202 Resp: 10472

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.3	16.9
100	13.3	9.2	13.8



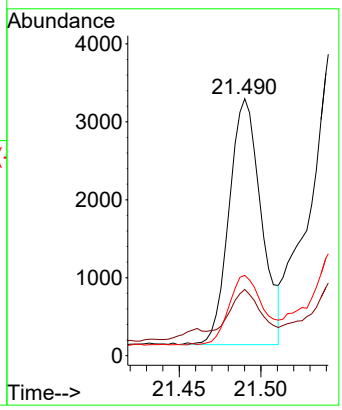


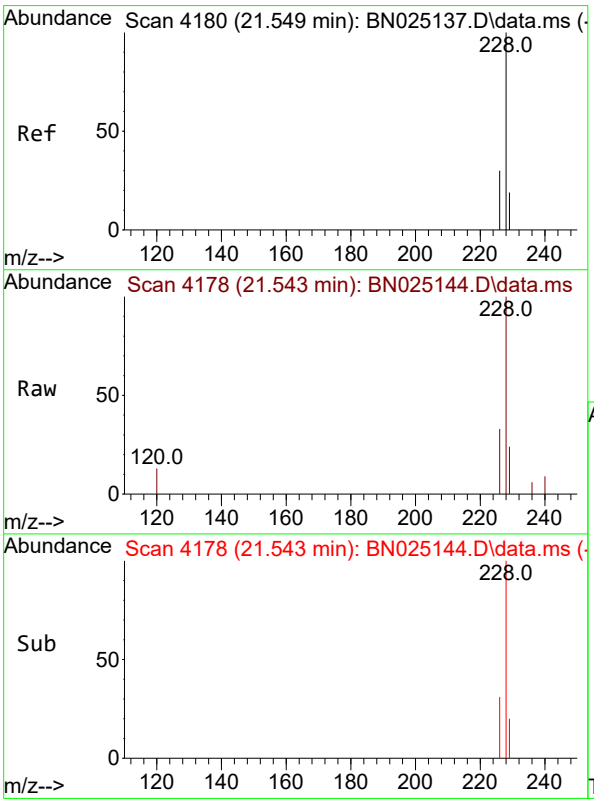
#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.490 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion:228 Resp: 4315

Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.6	23.4#
226	31.3	22.1	33.1

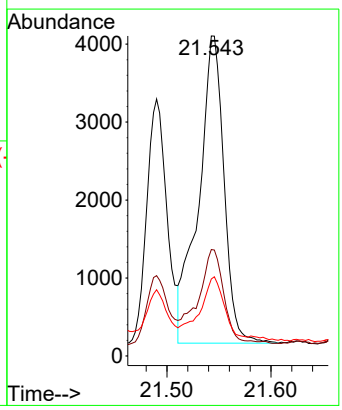


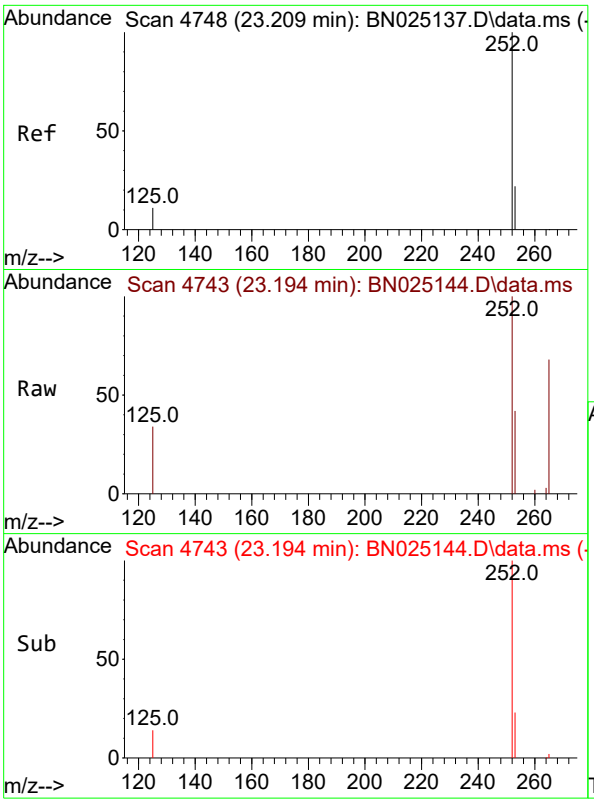


#22
Chrysene
Concen: 0.078 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.006 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:228 Resp: 6711

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.5	36.7
229	24.0	15.8	23.6#



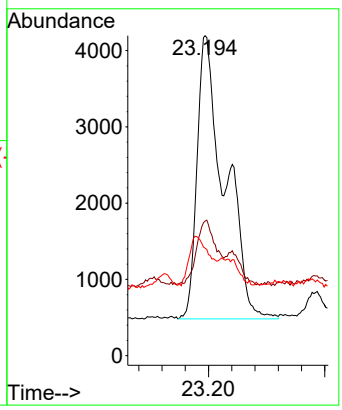


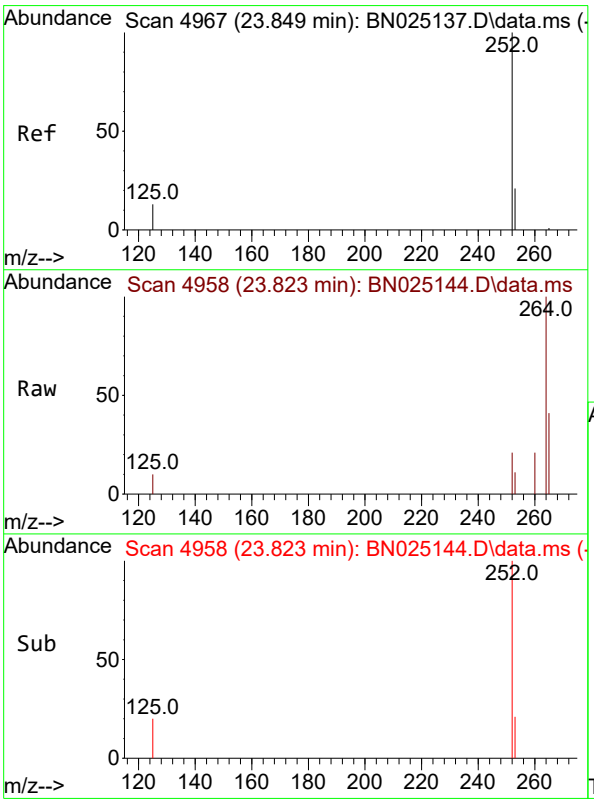
#24
Benzo(b)fluoranthene
Concen: 0.120 ng/ul
RT: 23.194 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion:252 Resp: 12271

Ion	Ratio	Lower	Upper
252	100		
253	42.1	0.0	50.2
125	33.6	0.0	30.4#

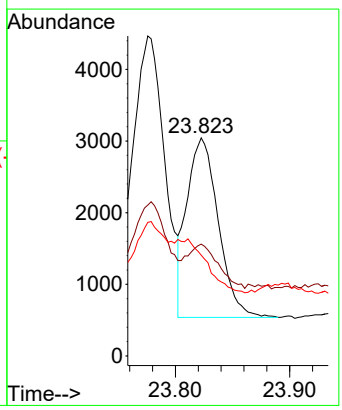


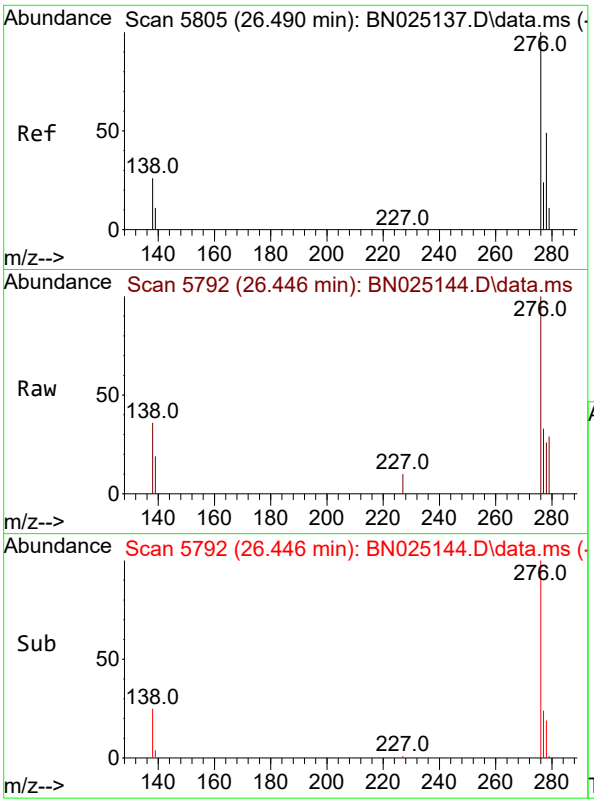


#26
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.823 min Scan# 4958
Delta R.T. -0.026 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:252 Resp: 4782

Ion	Ratio	Lower	Upper
252	100		
253	51.3	21.4	32.2#
125	46.3	14.6	22.0#



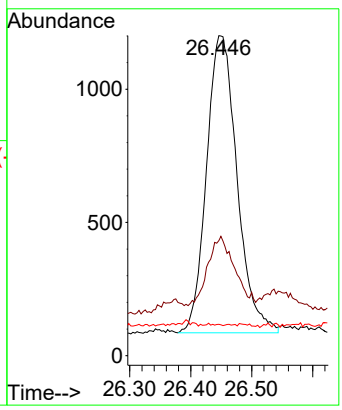


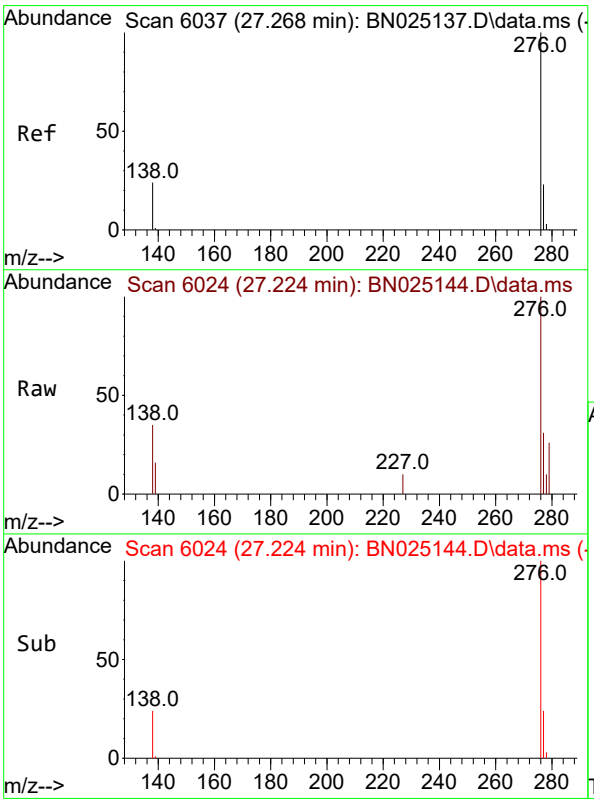
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.446 min Scan# 5
Delta R.T. -0.044 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion:276 Resp: 3878

Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.9	32.9
227	0.1	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.224 min Scan# 6024
Delta R.T. -0.044 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:276 Resp: 4054

Ion	Ratio	Lower	Upper
276	100		
138	34.9	20.3	30.5#
277	31.2	19.8	29.6#