Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032470.D
Acq On : 04 Jul 2024 12:09
Operator : MA/JU
Sample : P2964-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT6

Quant Time: Jul 04 23:05:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	9536	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	29603	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	16815	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	1164198	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.21
23) Perylene-d12	23.423	264	26934	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28856	2.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	8144	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.040	212	15291	0.000	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.419	128	11876	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.047	142	4406	0.085	ng/ul	98
8) 1-Methylnaphthalene	12.267	142	3266	0.061	ng/ul	98
10) Acenaphthylene	13.965	152	9534	0.136	ng/ul	96
11) Acenaphthene	14.307	153	15389	0.284	ng/ul	99
12) Fluorene	15.302	166	19276	0.298	ng/ul	99
24) Benzo(b)fluoranthene	22.759	252	286473	2.448	ng/ul	98
26) Benzo(a)pyrene	23.323	252	85121	1.046	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.652	276	78486	0.616	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.652	278	27276	0.288	ng/ul#	86
29) Benzo(g,h,i)perylene	26.339	276	12795	0.126	ng/ul#	76

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

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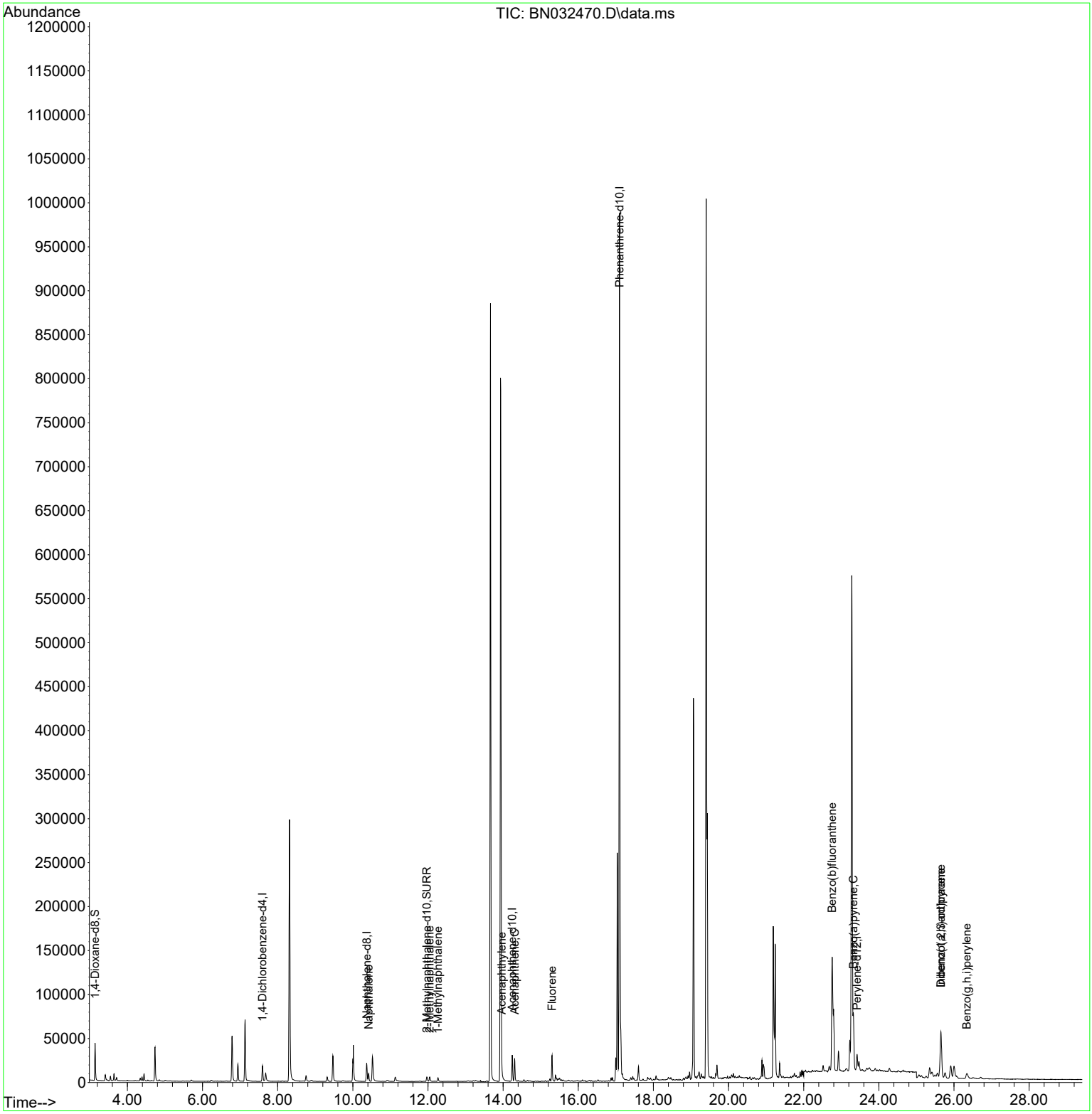
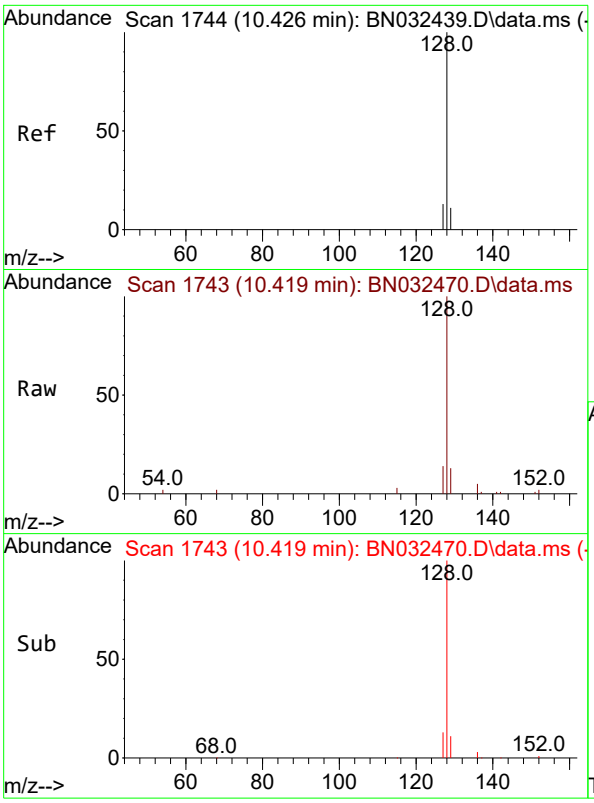


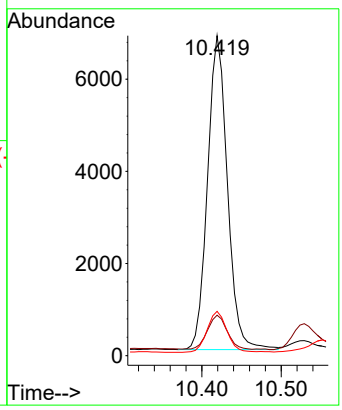


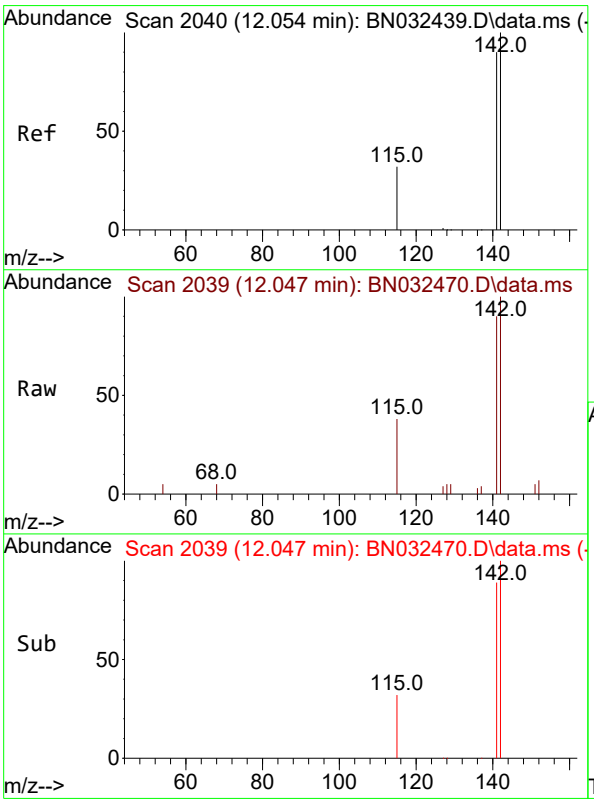
#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.419 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:128 Resp: 11876

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.2	13.8
127	13.9	10.8	16.2

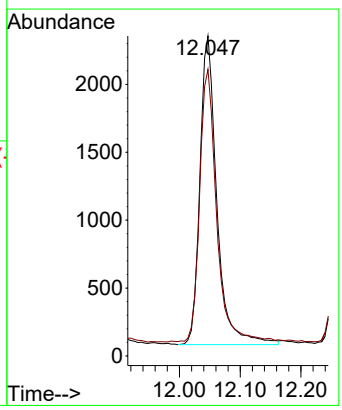


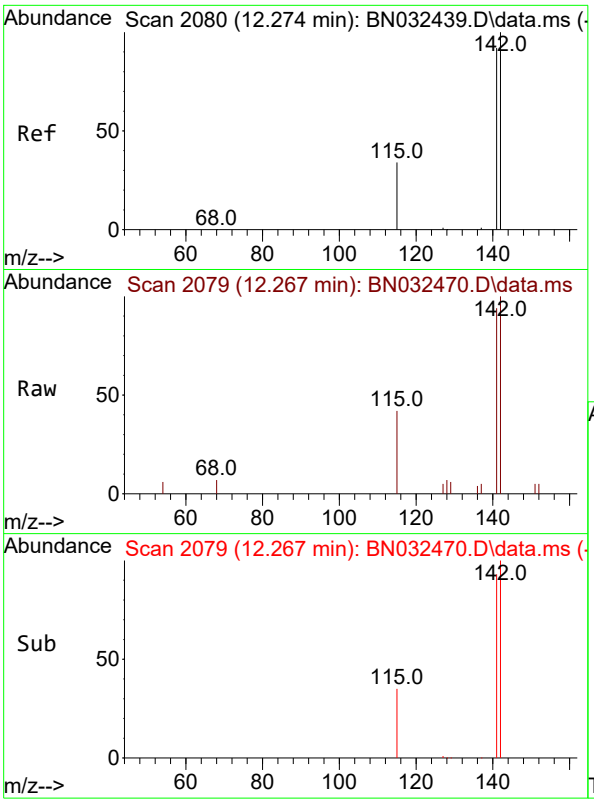


#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:142 Resp: 4406

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.2



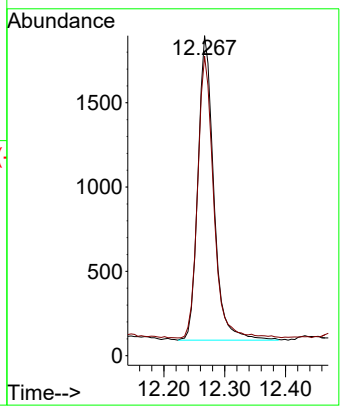


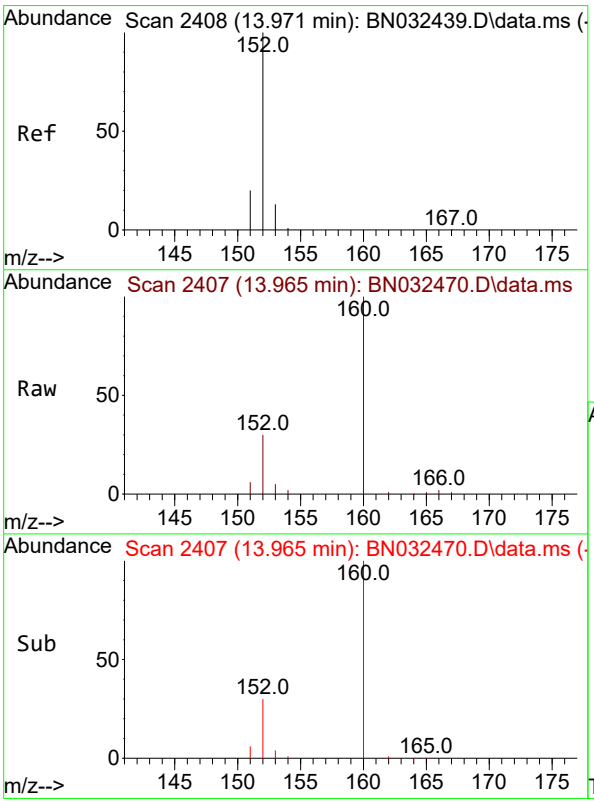
#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.267 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:142 Resp: 3266

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.0

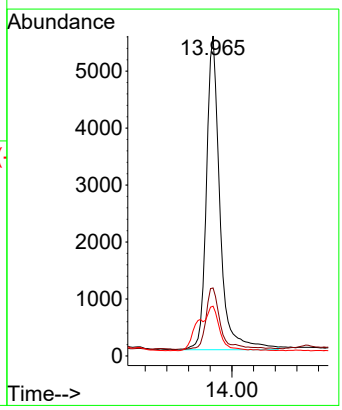


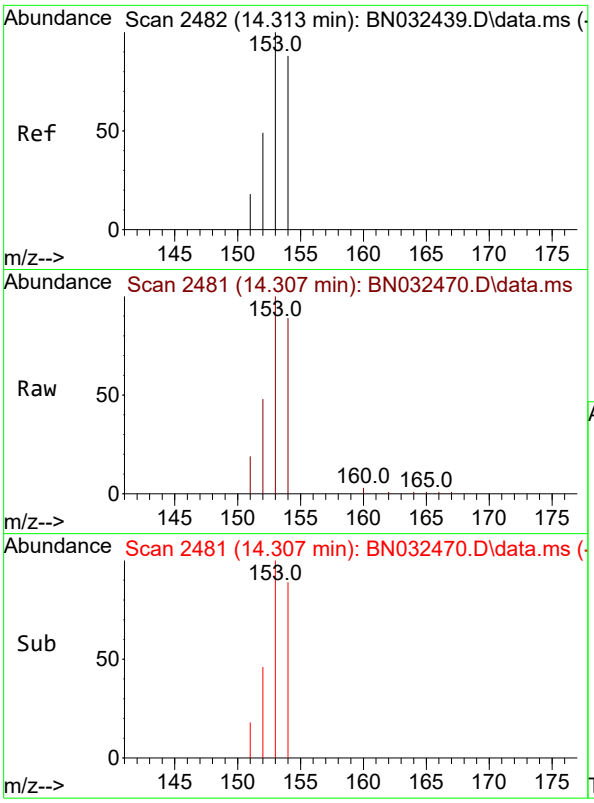


#10
Acenaphthylene
Concen: 0.136 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:152 Resp: 9534

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	15.6	10.9	16.3



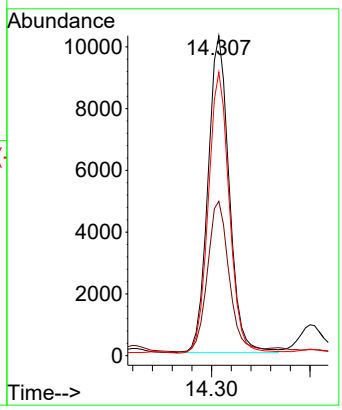


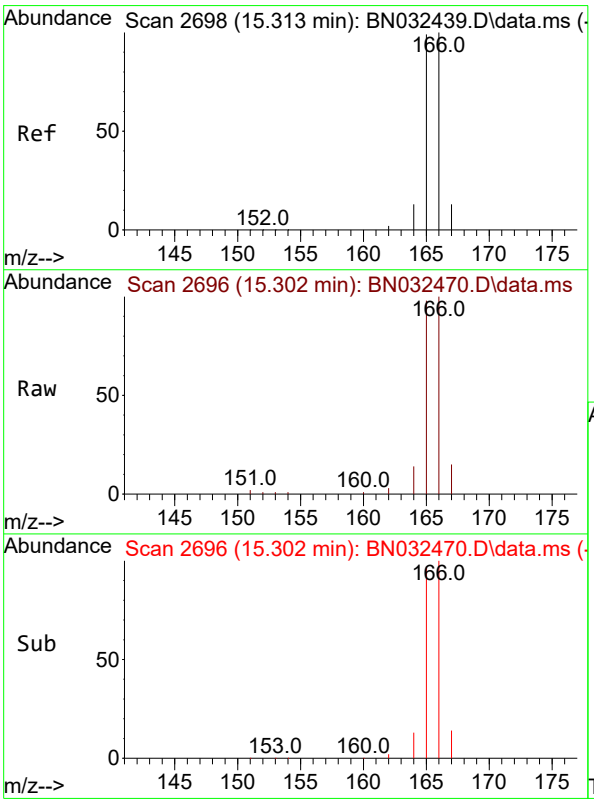
#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.307 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:153 Resp: 15389

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.5	59.3
154	88.6	71.7	107.5

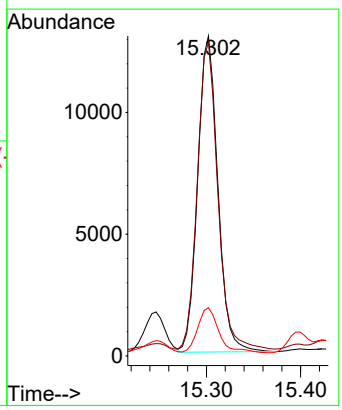


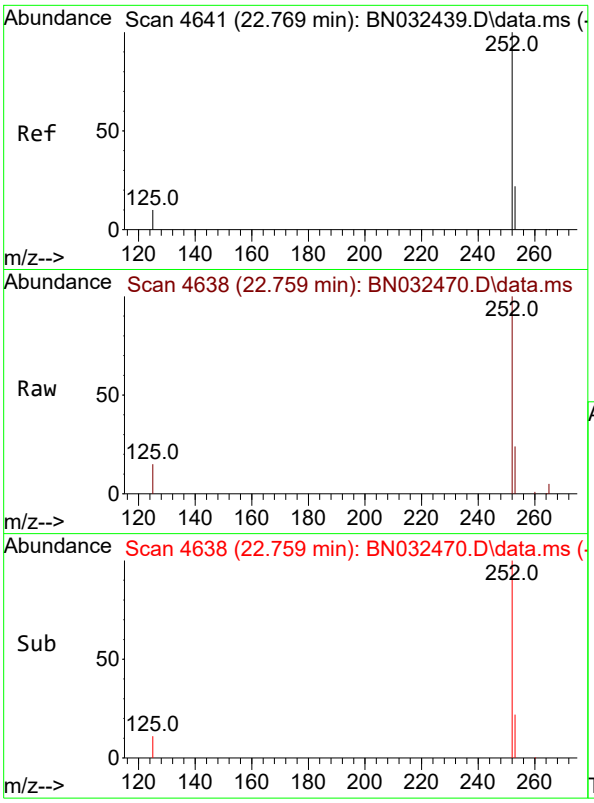


#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:166 Resp: 19276

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	15.1	11.0	16.6



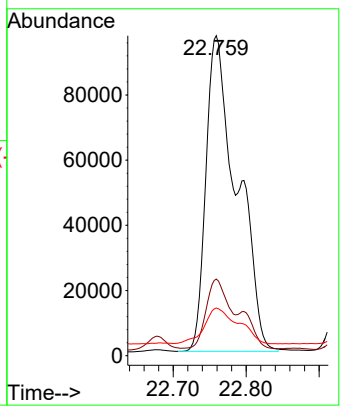


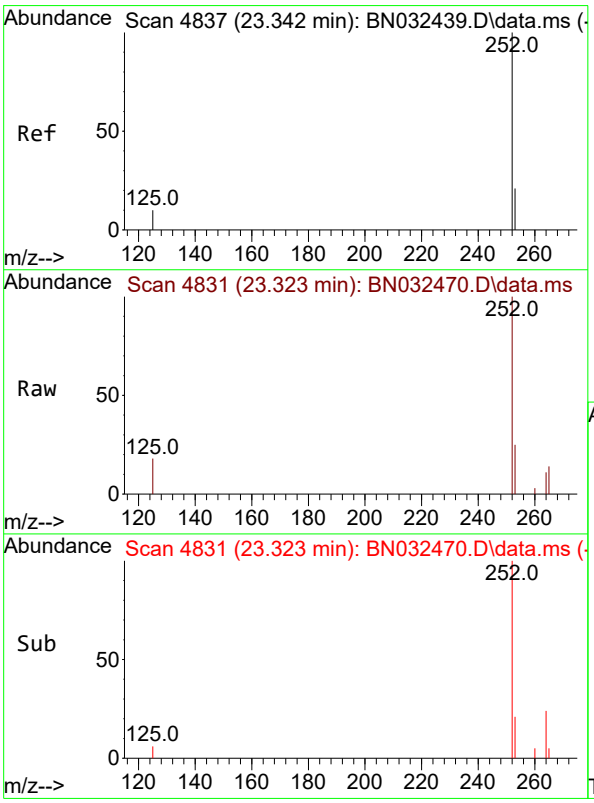
#24
Benzo(b)fluoranthene
Concen: 2.448 ng/ul
RT: 22.759 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:252 Resp: 286473

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	50.2
125	14.9	0.0	32.0

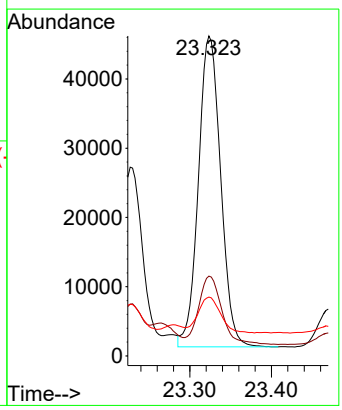


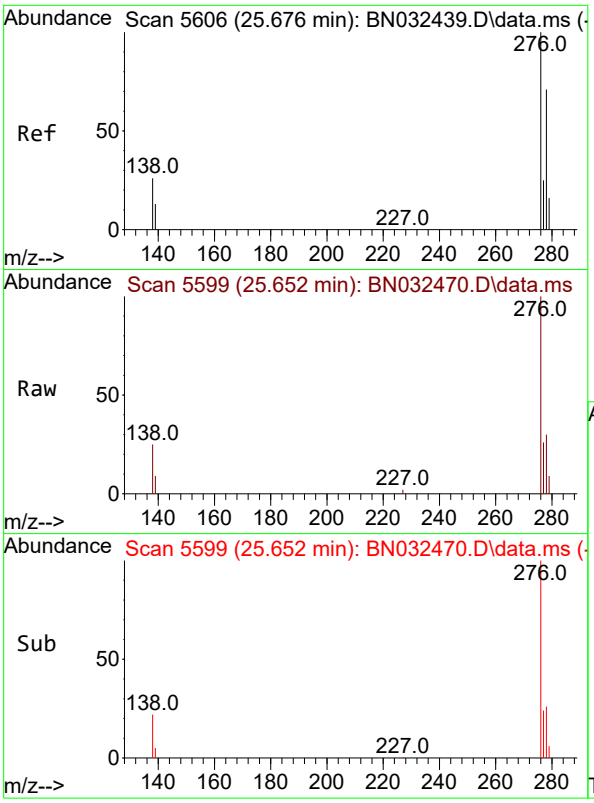


#26
Benzo(a)pyrene
Concen: 1.046 ng/ul
RT: 23.323 min Scan# 4831
Delta R.T. -0.004 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:252 Resp: 85121

Ion	Ratio	Lower	Upper
252	100		
253	25.0	22.2	33.2
125	18.4	16.4	24.6



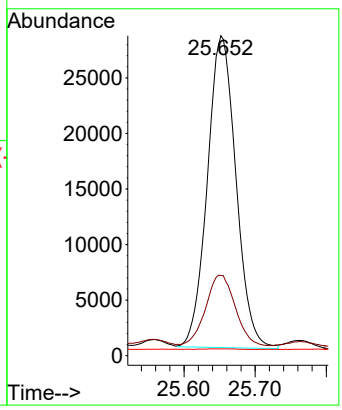


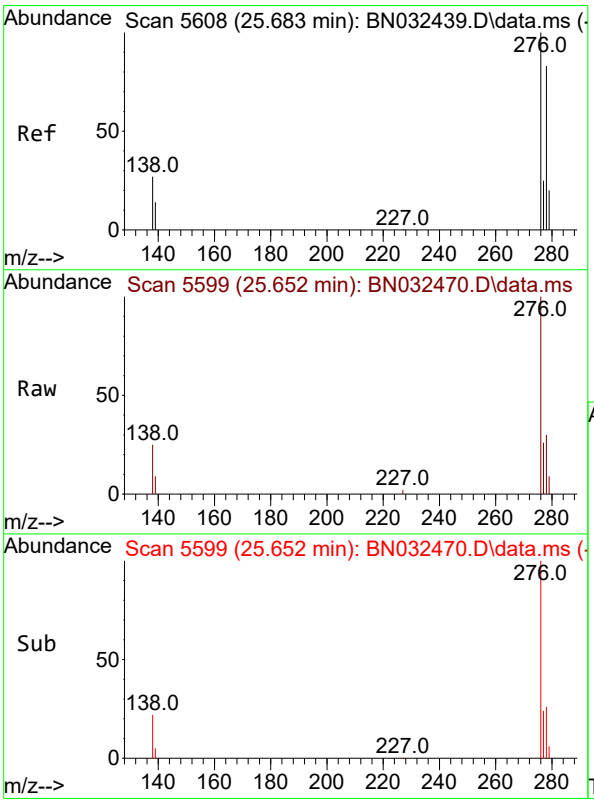
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.616 ng/ul
RT: 25.652 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:276 Resp: 78486

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.3	31.9
227	0.2	0.1	0.1#

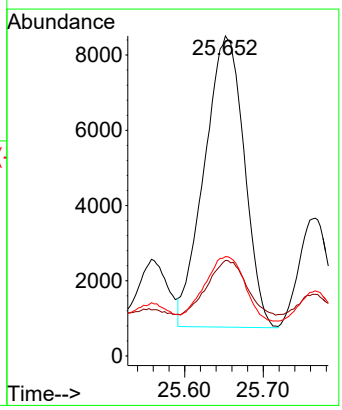


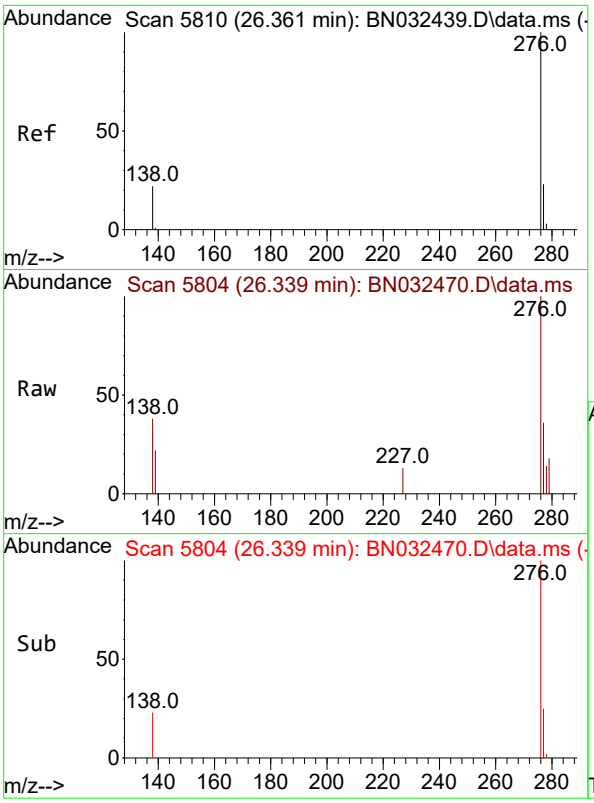


#28
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.015 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:278 Resp: 27276

Ion	Ratio	Lower	Upper
278	100		
139	29.8	15.9	23.9#
279	31.1	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.126 ng/ul
RT: 26.339 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:276 Resp: 12795

Ion	Ratio	Lower	Upper
276	100		
138	38.2	19.8	29.6#
277	35.6	19.8	29.6#