Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028851.D
Acq On : 24 Nov 2023 09:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Quant Time: Nov 25 01:01:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	5028	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.462	136	25421	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.297	164	13415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	18452	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.275	240	17238	0.400	ng/ul	0.00
23) Perylene-d12	23.546	264	16757	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	4476	0.805	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.079	152	8938	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.094	212	23837	0.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	3961	0.645	ng/ul#	70
5) Naphthalene	10.506	128	25276	0.355	ng/ul	98
7) 2-Methylnaphthalene	12.151	142	10487	0.223	ng/ul	97
8) 1-Methylnaphthalene	12.338	142	14931	0.313	ng/ul	99
10) Acenaphthylene	14.020	152	25769	0.385	ng/ul	98
11) Acenaphthene	14.357	153	20701	0.420	ng/ul	98
12) Fluorene	15.366	166	18374	0.321	ng/ul	99
14) Pentachlorophenol	16.726	266	1630	0.368	ng/ul	98
15) Phenanthrene	17.102	178	26366	0.465	ng/ul	98
16) Anthracene	17.212	178	17164	0.330	ng/ul	96
19) Fluoranthene	19.126	202	31504	0.430	ng/ul	99
20) Pyrene	19.489	202	35028	0.461	ng/ul	97
21) Benzo(a)anthracene	21.260	228	21287	0.312	ng/ul	98
22) Chrysene	21.310	228	26538	0.398	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	23881	0.380	ng/ul	90
25) Benzo(k)fluoranthene	22.906	252	28880	0.439	ng/ul	95
26) Benzo(a)pyrene	23.449	252	24841	0.418	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.880	276	29759	0.452	ng/ul	99
28) Dibenzo(a,h)anthracene	25.907	278	22584	0.429	ng/ul	96
29) Benzo(g,h,i)perylene	26.588	276	25817	0.478	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
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Acq On : 24 Nov 2023 09:21
Operator : MA/JU
Sample : SSTDCCC0.4
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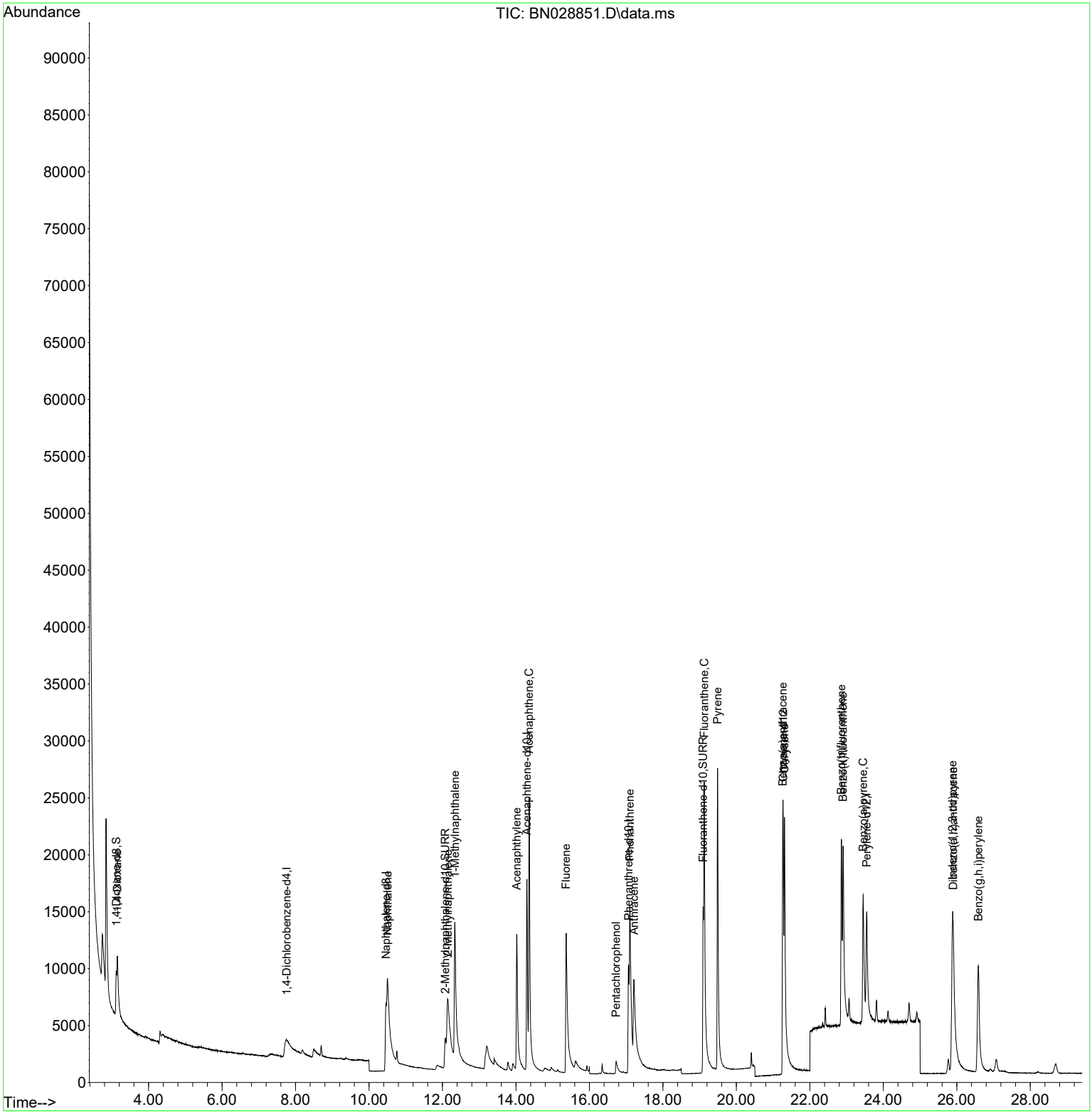
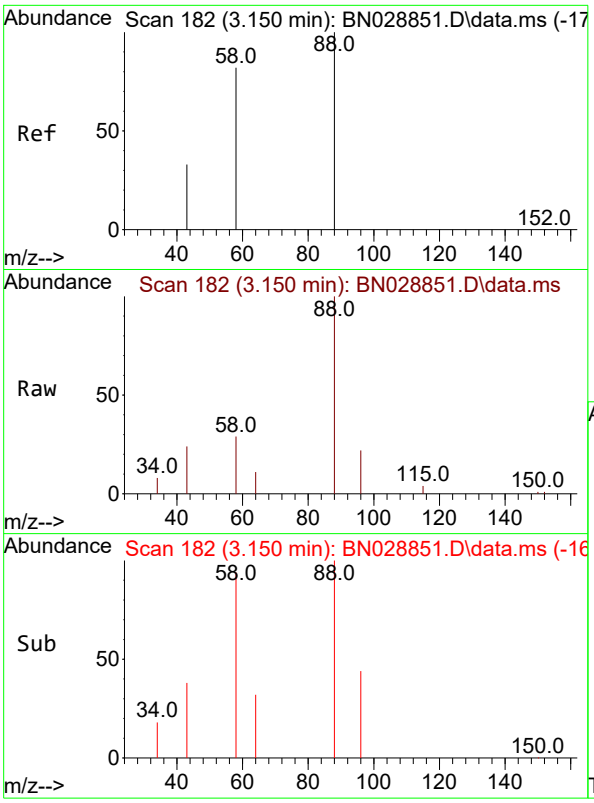
Quant Time: Nov 25 01:01:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration



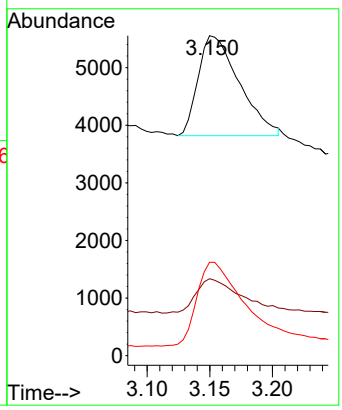


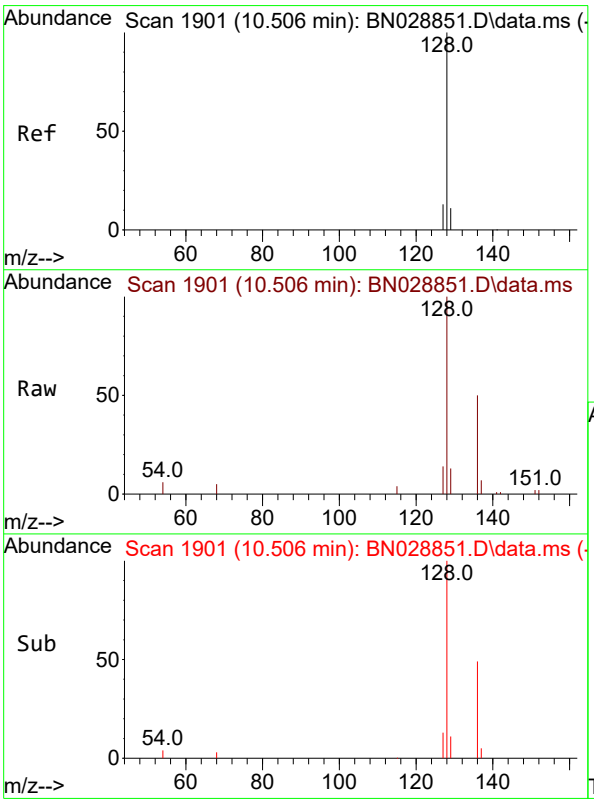
#2
1,4-Dioxane
Concen: 0.645 ng/ul
RT: 3.150 min Scan# 1
Delta R.T. 0.008 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion: 88 Resp: 3961

Ion	Ratio	Lower	Upper
88	100		
43	24.0	32.9	49.3#
58	29.2	41.8	62.8#

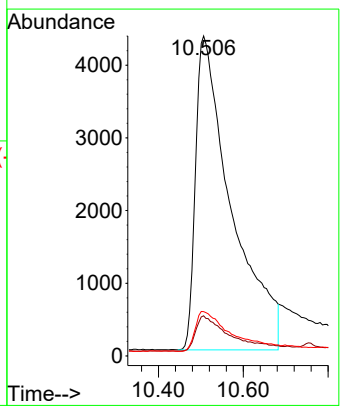


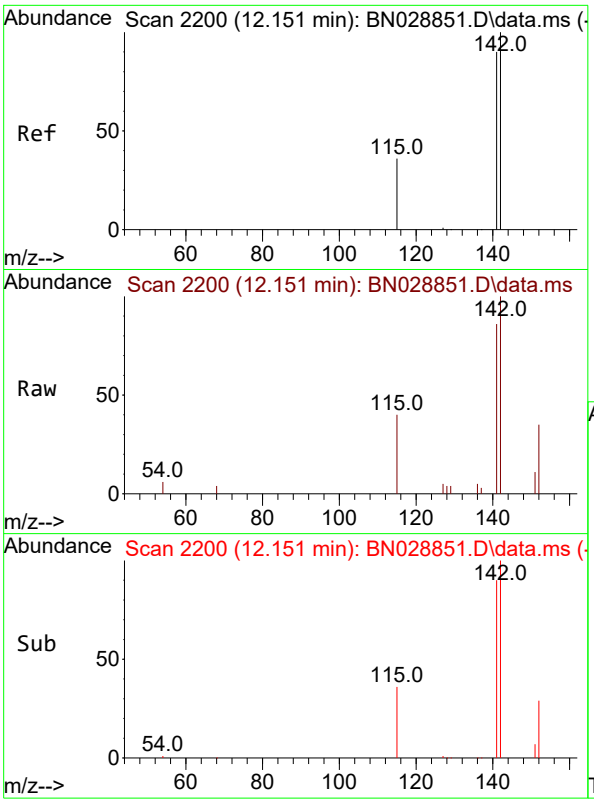


#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.506 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:128 Resp: 25276

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.2	13.8
127	13.9	10.7	16.1



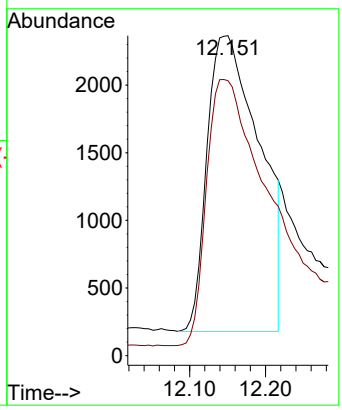


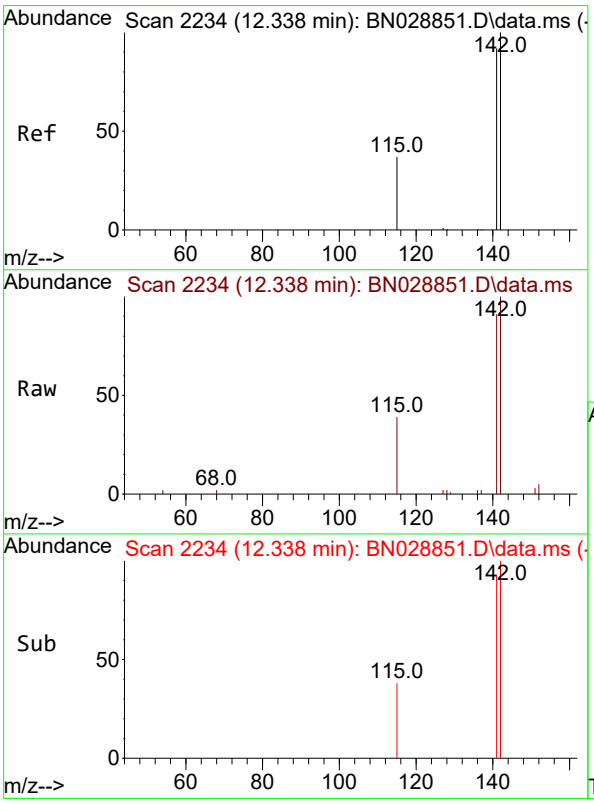
#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.151 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:142 Resp: 10487

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2

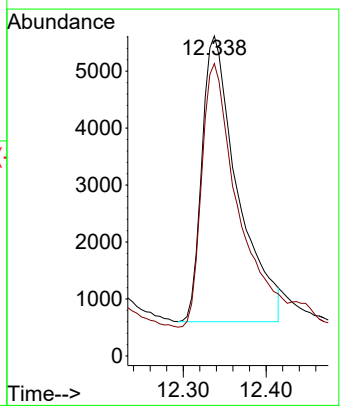


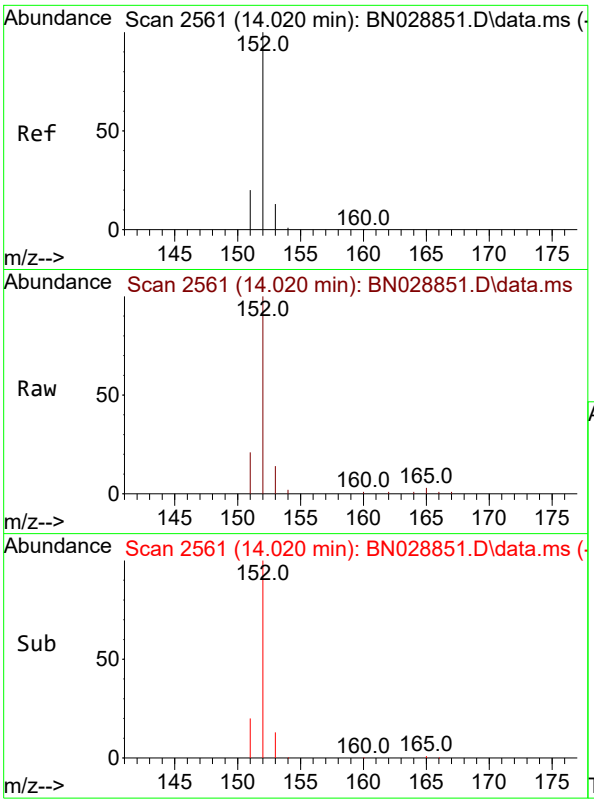


#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.338 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:142 Resp: 14931

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.1	111.1



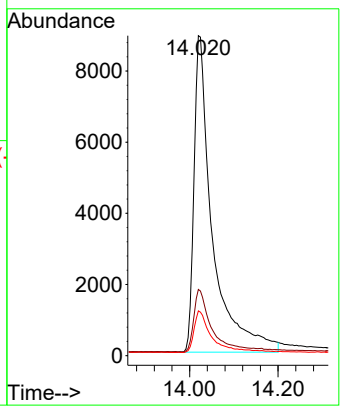


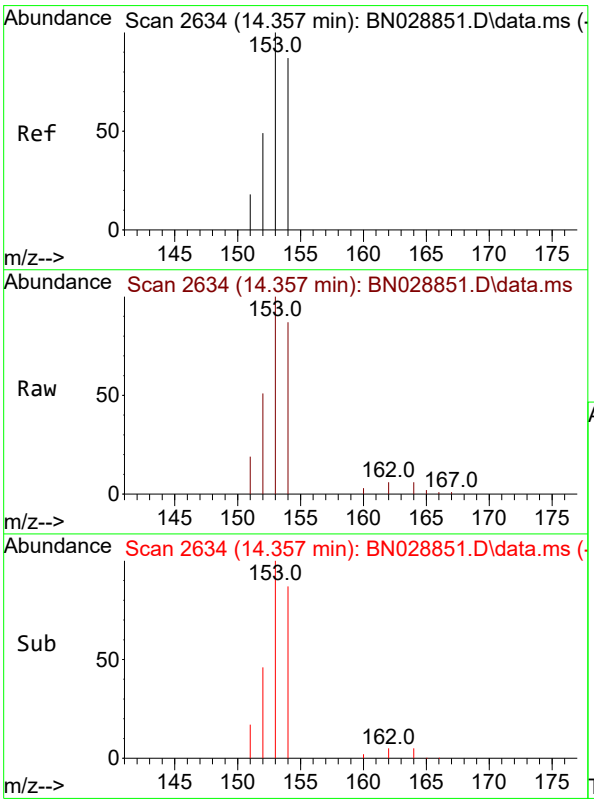
#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.020 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:152 Resp: 25769

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.0	10.6	15.8

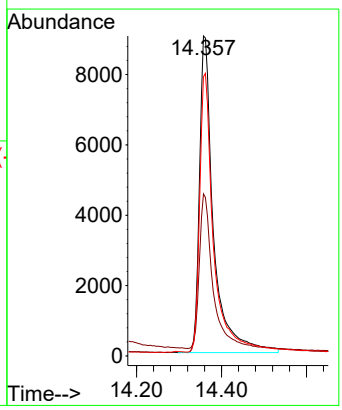


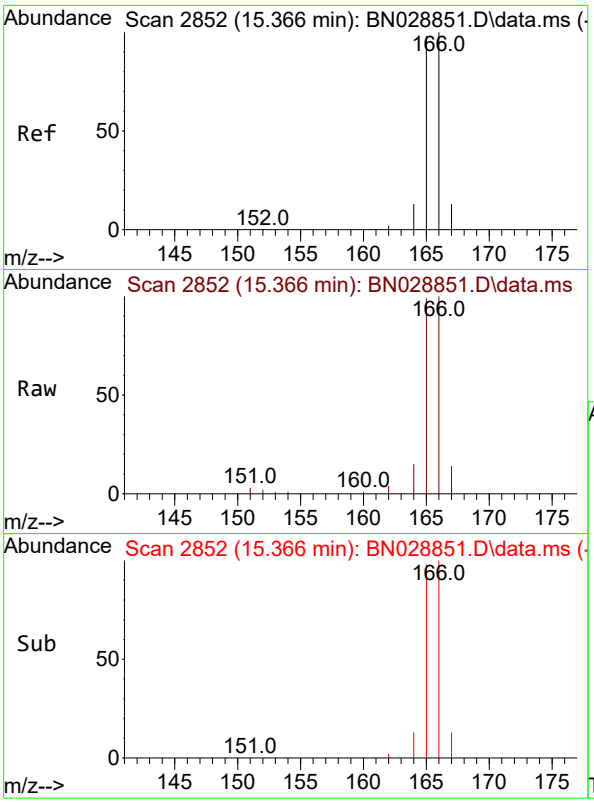


#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.357 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:153 Resp: 20701

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.6	59.4
154	87.3	71.0	106.6



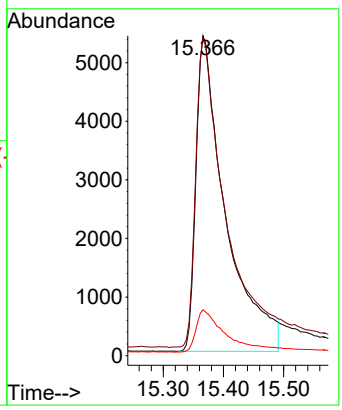


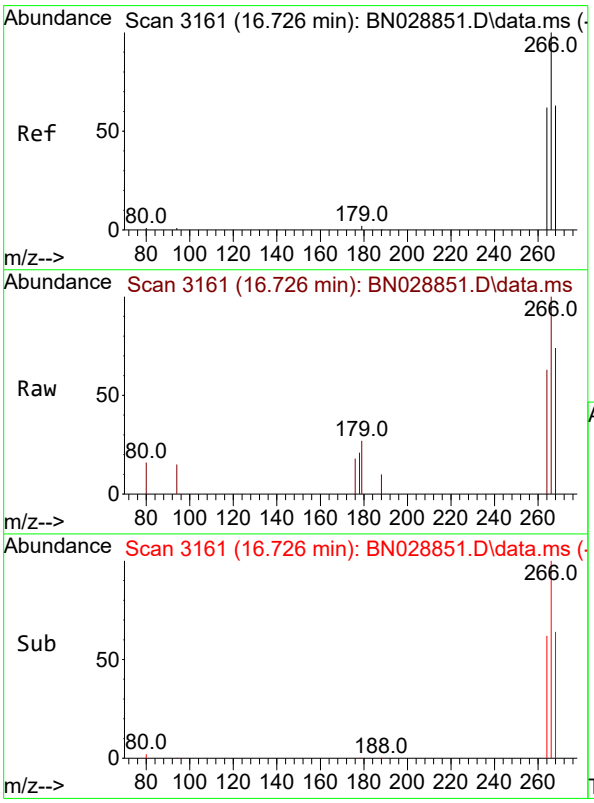
#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.366 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:166 Resp: 18374

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	118.0
167	14.4	11.0	16.6

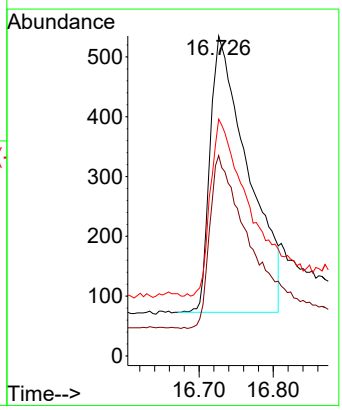


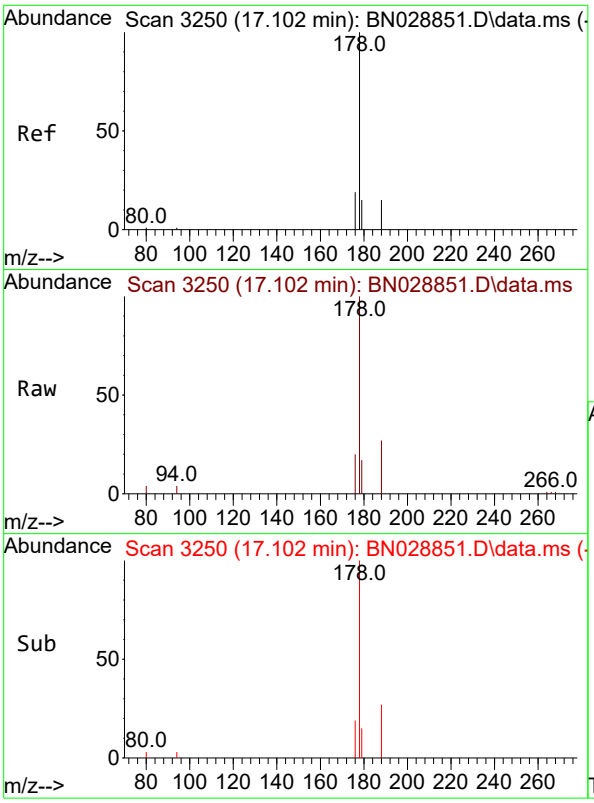


#14
Pentachlorophenol
Concen: 0.368 ng/ul
RT: 16.726 min Scan# 3161
Delta R.T. 0.003 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:266 Resp: 1630

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.1	75.1
268	65.1	50.6	75.8



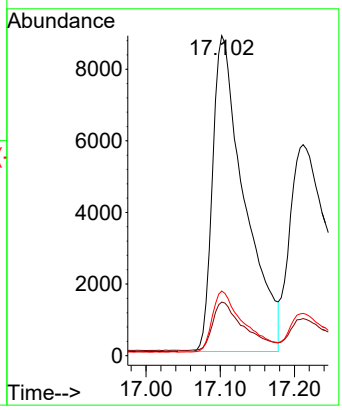


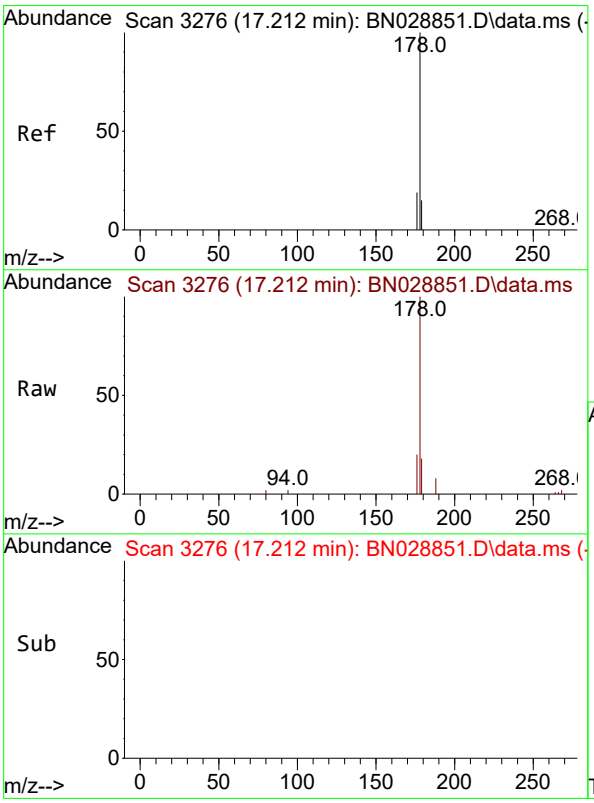
#15
Phenanthrene
Concen: 0.465 ng/ul
RT: 17.102 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:178 Resp: 26366

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	20.2	15.4	23.2

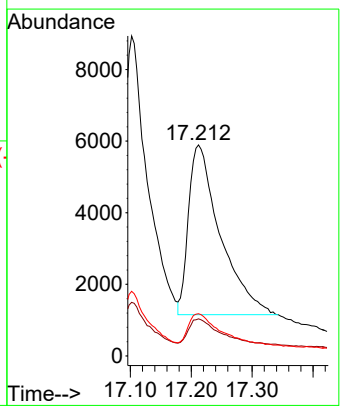


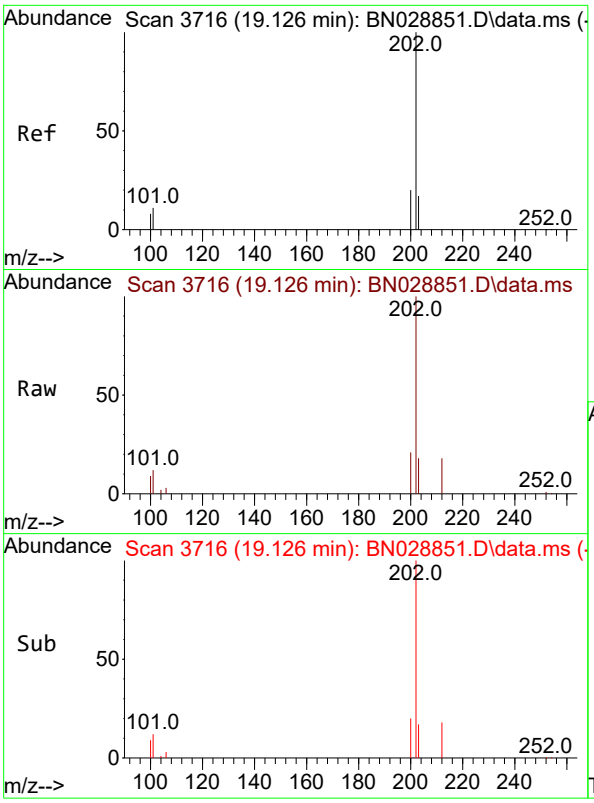


#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.212 min Scan# 3276
Delta R.T. 0.008 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:178 Resp: 17164

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	18.8
176	20.0	14.9	22.3



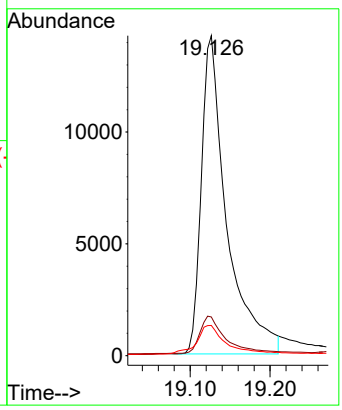


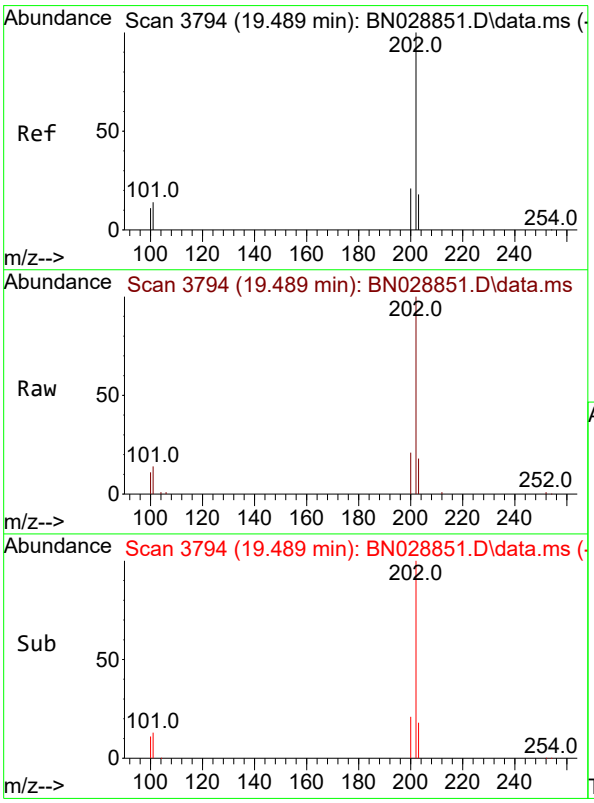
#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.126 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:202 Resp: 31504

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.5	14.3
100	9.5	7.2	10.8

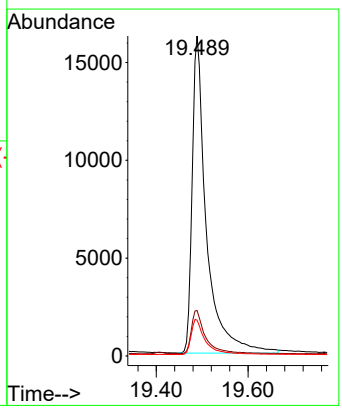


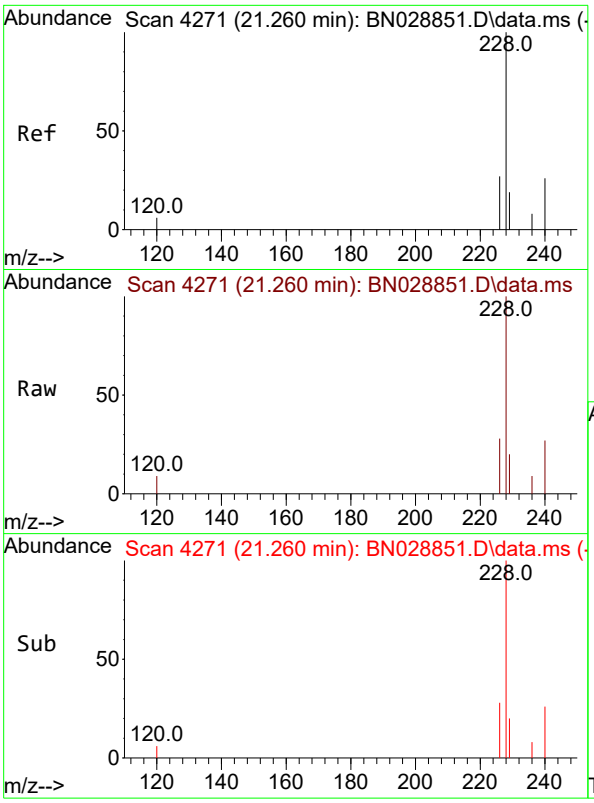


#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.489 min Scan# 3794
Delta R.T. 0.004 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:202 Resp: 35028

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
100	11.2	8.2	12.2



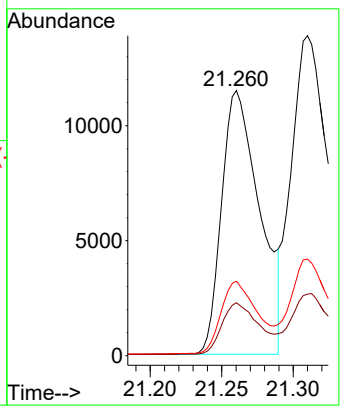


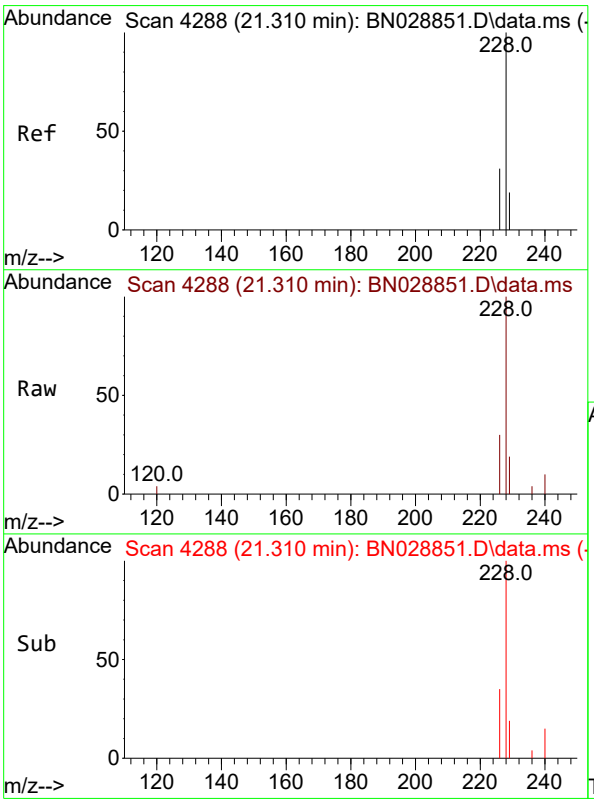
#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.260 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:228 Resp: 21287

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.1	21.4	32.0

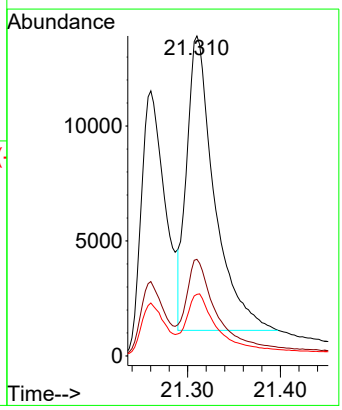


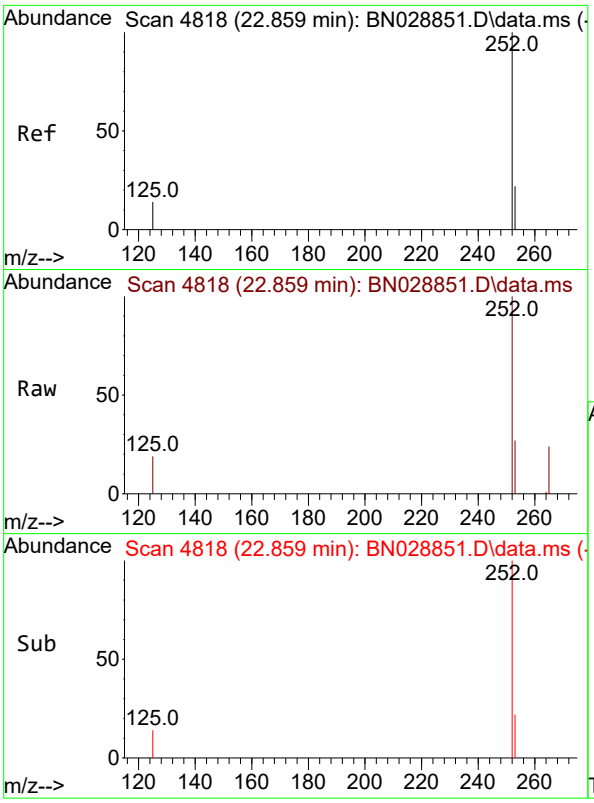


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.310 min Scan# 4288
Delta R.T. 0.005 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:228 Resp: 26538

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.3	15.4	23.2



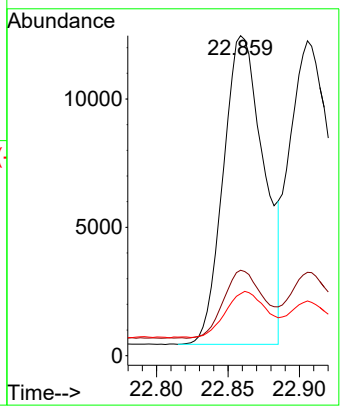


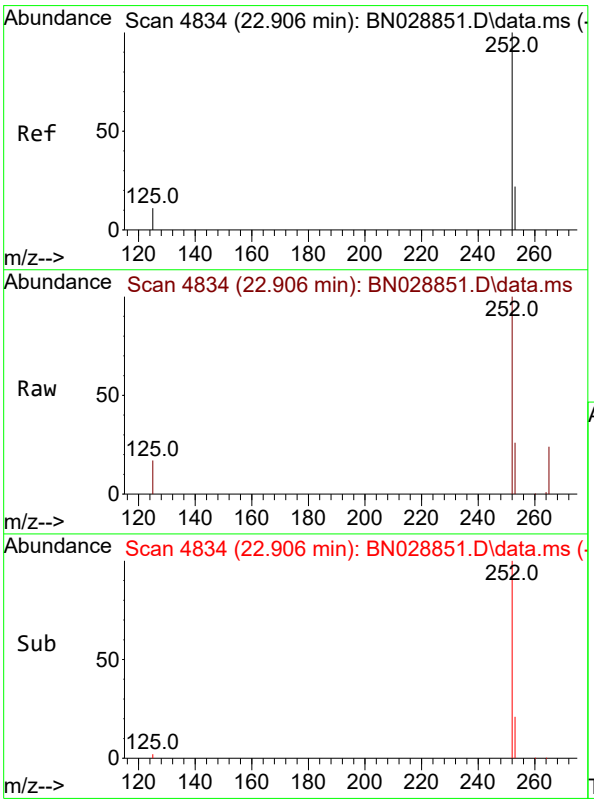
#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.859 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:252 Resp: 23881

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	46.6
125	19.4	0.0	27.6

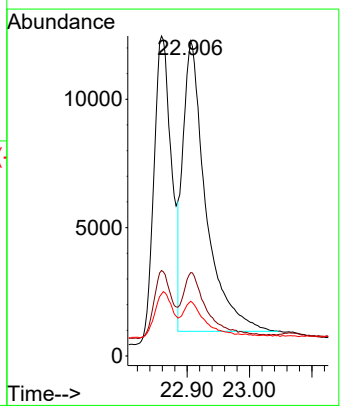


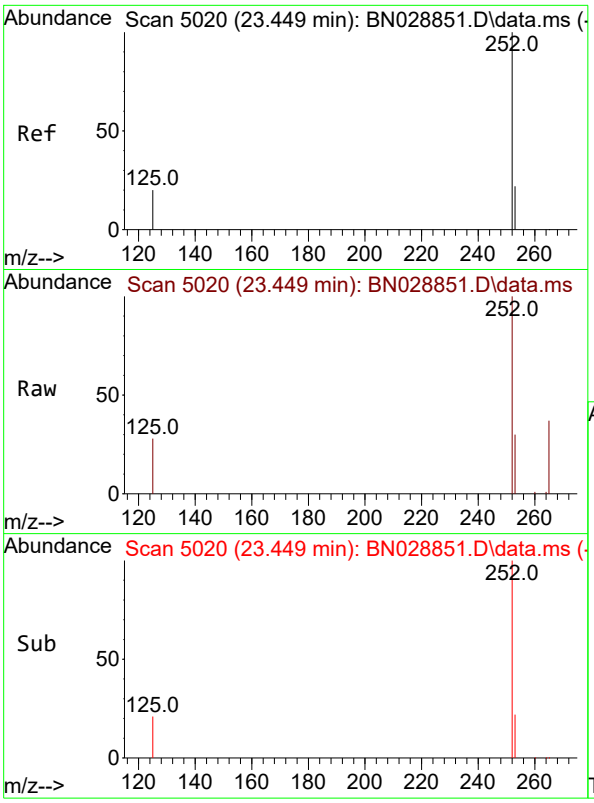


#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 22.906 min Scan# 4834
Delta R.T. 0.002 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:252 Resp: 28880

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.6	28.0
125	17.4	12.7	19.1



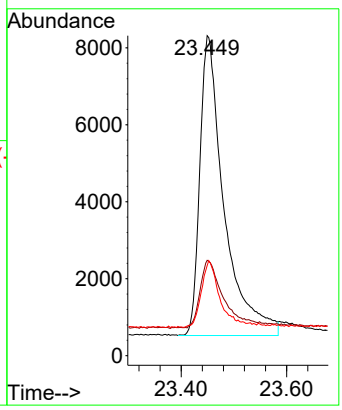


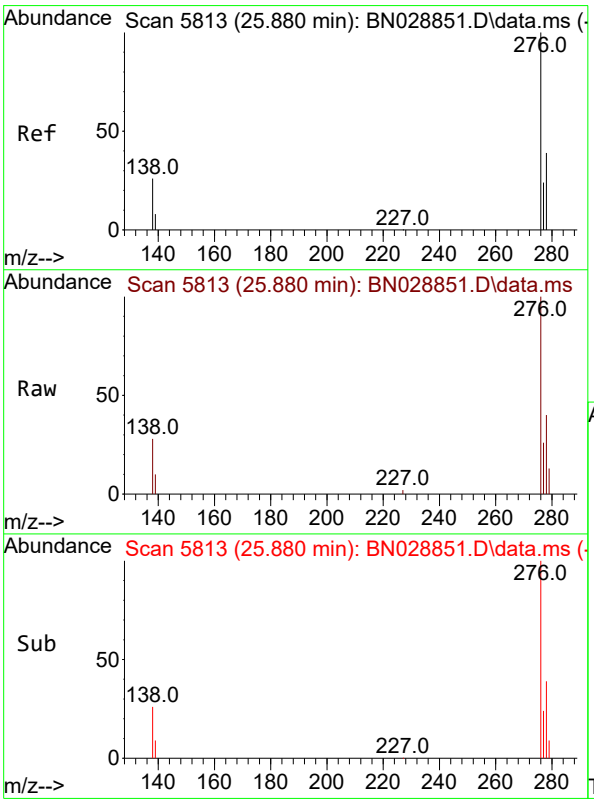
#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.449 min Scan# 5
Delta R.T. 0.005 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:252 Resp: 24841

Ion	Ratio	Lower	Upper
252	100		
253	29.8	19.0	28.6#
125	28.2	13.2	19.8#

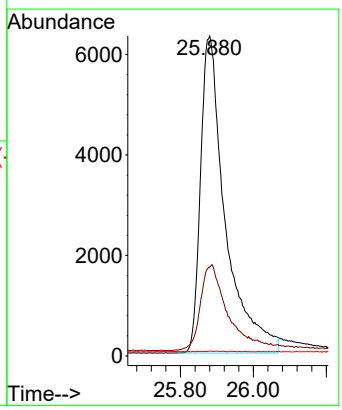


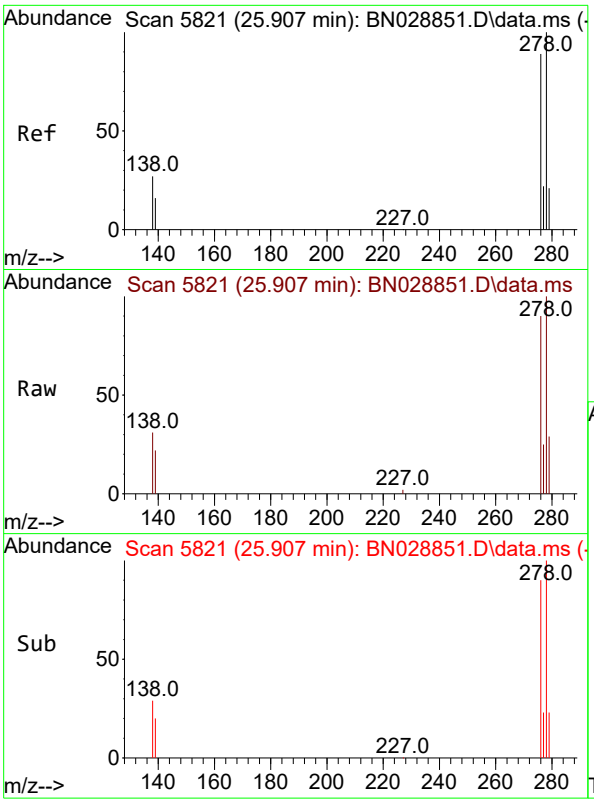


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 25.880 min Scan# 5813
Delta R.T. 0.006 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:276 Resp: 29759

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.8	35.6
227	0.1	0.1	0.1



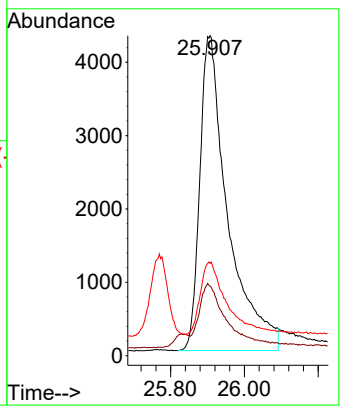


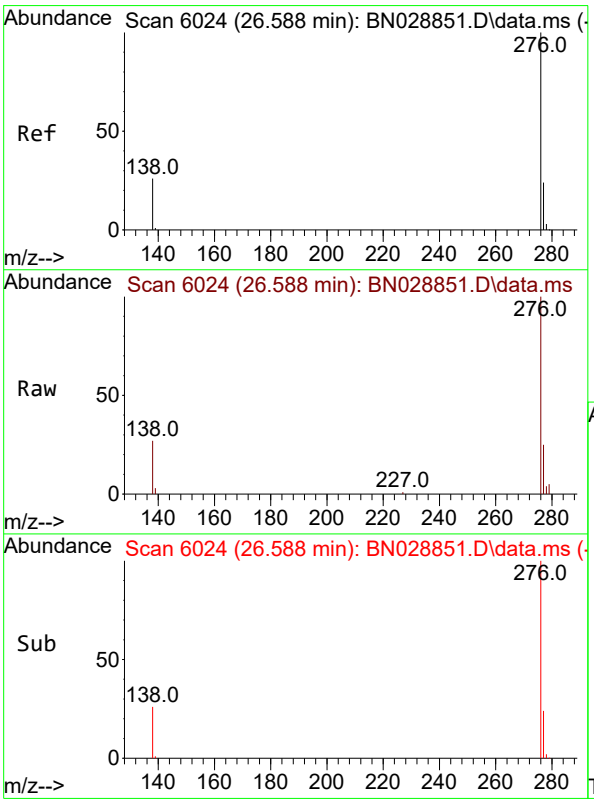
#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 25.907 min Scan# 5
Delta R.T. 0.009 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4330

Tgt Ion:278 Resp: 22584

Ion	Ratio	Lower	Upper
278	100		
139	21.7	18.2	27.4
279	28.8	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 26.588 min Scan# 6024
Delta R.T. 0.009 min
Lab File: BN028851.D
Acq: 24 Nov 2023 09:21

Tgt Ion:276 Resp: 25817

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.5	30.7
277	25.0	19.4	29.0