Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028884.D
Acq On : 27 Nov 2023 18:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Quant Time: Nov 28 04:30:09 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	0.000	152	0	0.000	ng/ul	-7.74
4) Naphthalene-d8	10.424	136	19246	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.288	164	9489	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	14977	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.263	240	12459	0.400	ng/ul	# 0.00
23) Perylene-d12	23.537	264	14135	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	2964	0.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	11069	0.382	ng/ul	-0.05
18) Fluoranthene-d10	19.085	212	17338	0.432	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.468	128	22254	0.413	ng/ul	98
7) 2-Methylnaphthalene	12.096	142	13167	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.316	142	13909	0.385	ng/ul	100
10) Acenaphthylene	14.006	152	21537	0.455	ng/ul#	96
11) Acenaphthene	14.348	153	15005	0.431	ng/ul	97
12) Fluorene	15.348	166	14916	0.368	ng/ul	100
14) Pentachlorophenol	16.701	266	1550	0.431	ng/ul	100
15) Phenanthrene	17.089	178	19697	0.428	ng/ul	98
16) Anthracene	17.182	178	18309	0.434	ng/ul	97
19) Fluoranthene	19.117	202	22031	0.416	ng/ul	98
20) Pyrene	19.480	202	23782	0.433	ng/ul#	94
21) Benzo(a)anthracene	21.252	228	19201	0.390	ng/ul#	92
22) Chrysene	21.301	228	19357	0.402	ng/ul#	92
24) Benzo(b)fluoranthene	22.853	252	19939	0.376	ng/ul#	34
25) Benzo(k)fluoranthene	22.897	252	23421	0.422	ng/ul#	36
26) Benzo(a)pyrene	23.441	252	22209	0.443	ng/ul#	12
27) Indeno(1,2,3-cd)pyrene	25.867	276	26843	0.483	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.887	278	21806	0.491	ng/ul#	56
29) Benzo(g,h,i)perylene	26.574	276	22196	0.487	ng/ul#	78

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028884.D
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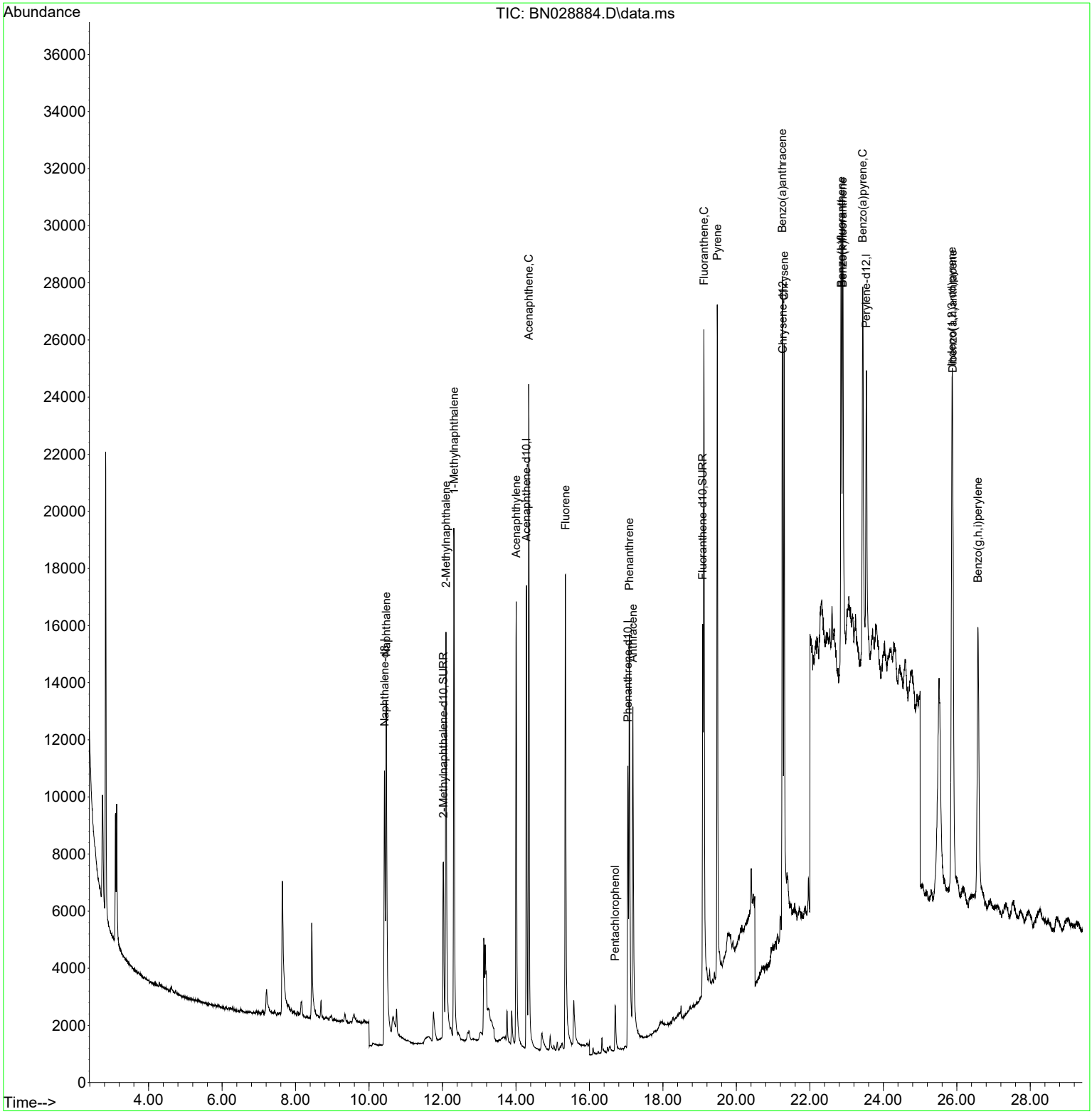
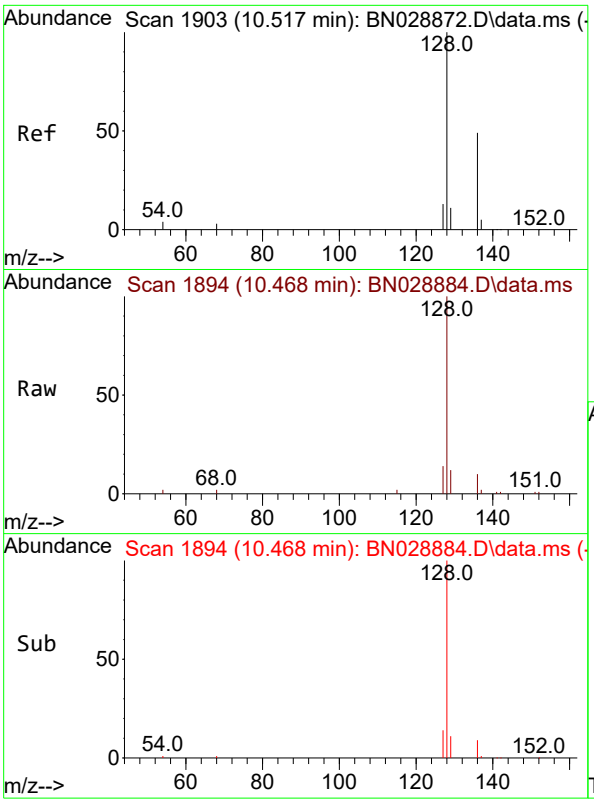
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Quant Time: Nov 28 04:30:09 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



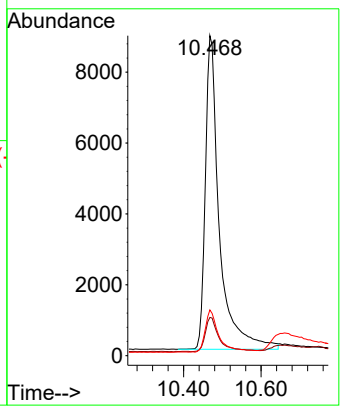


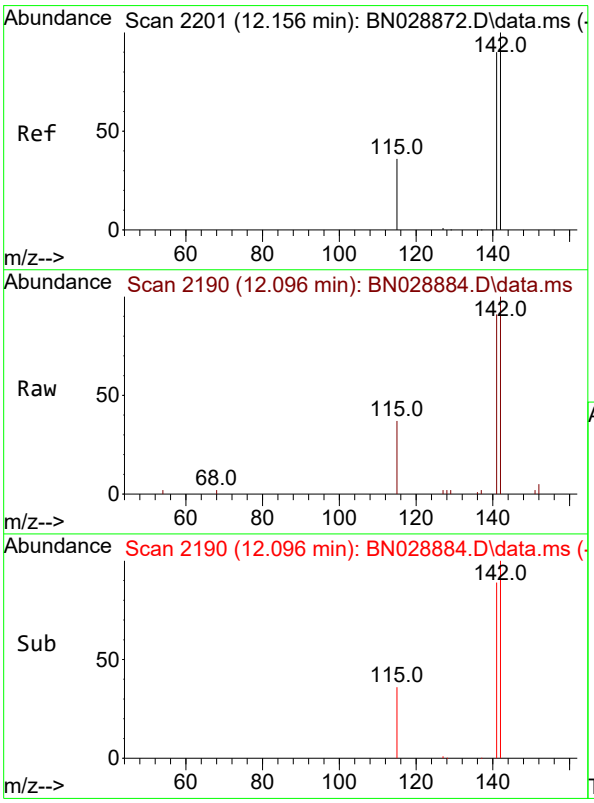
#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.468 min Scan# 1
Delta R.T. -0.038 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:128 Resp: 22254

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	14.3	10.7	16.1

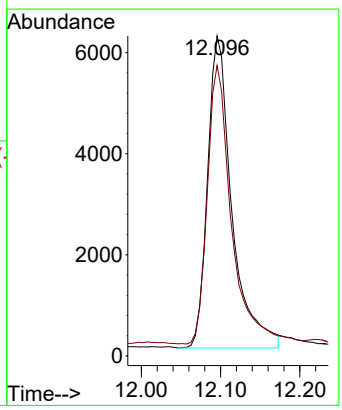


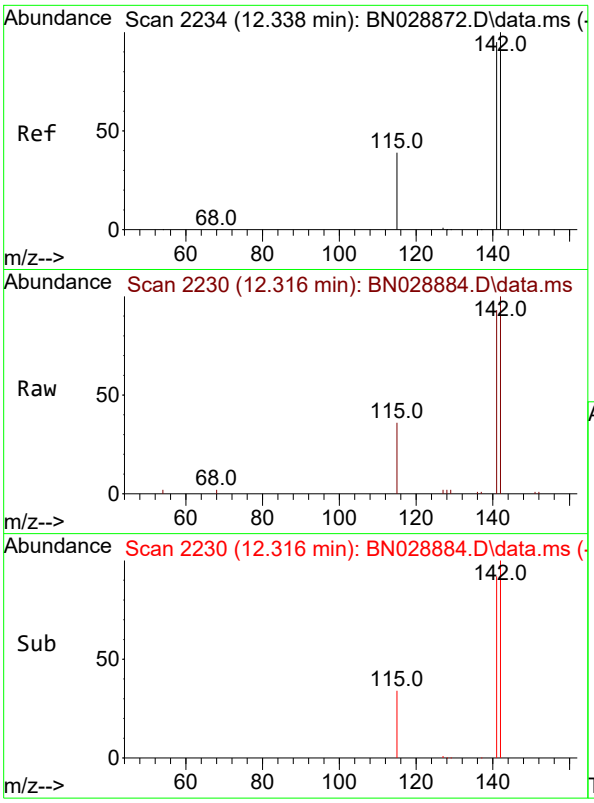


#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.096 min Scan# 2190
Delta R.T. -0.044 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:142 Resp: 13167

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2



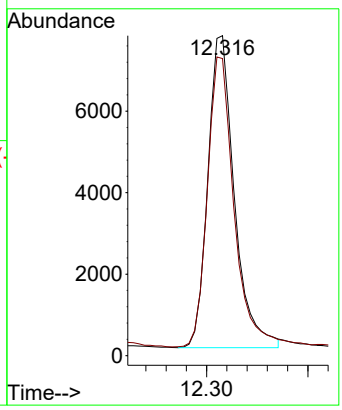


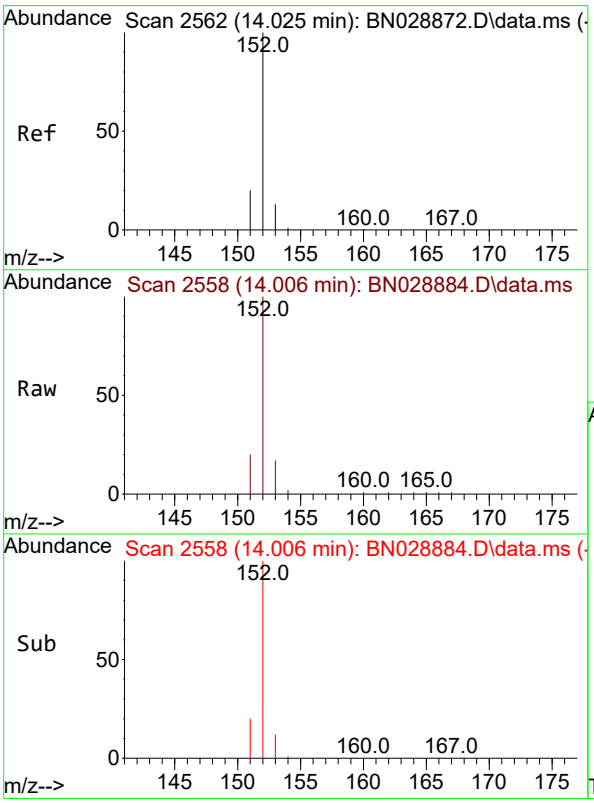
#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.316 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:142 Resp: 13909

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.1	111.1

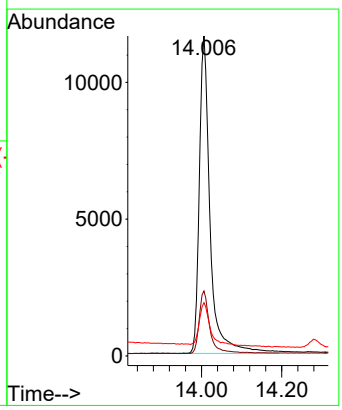


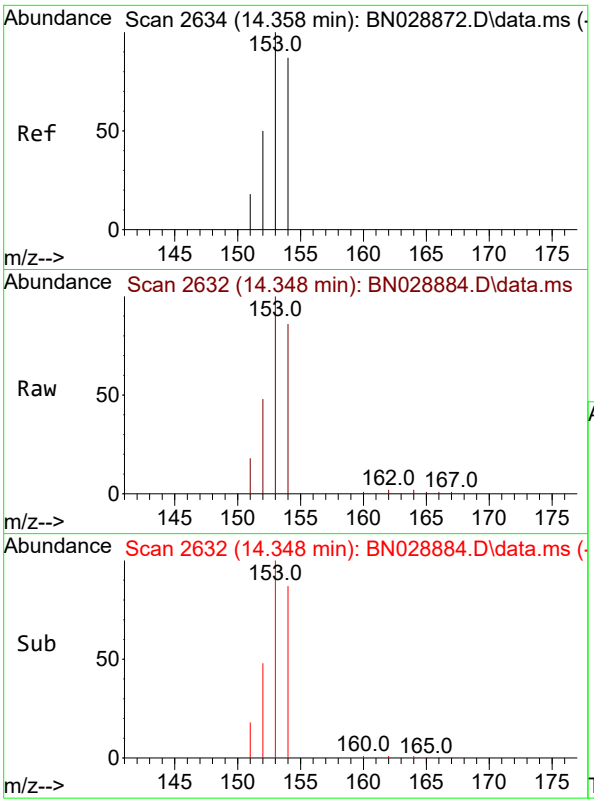


#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.019 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:152 Resp: 21537

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	16.6	10.6	15.8#



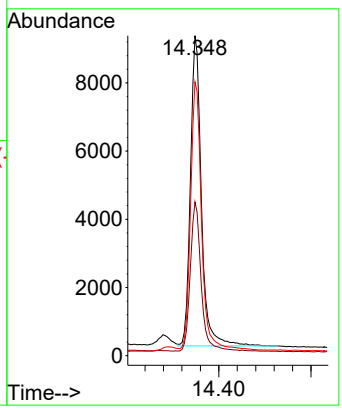


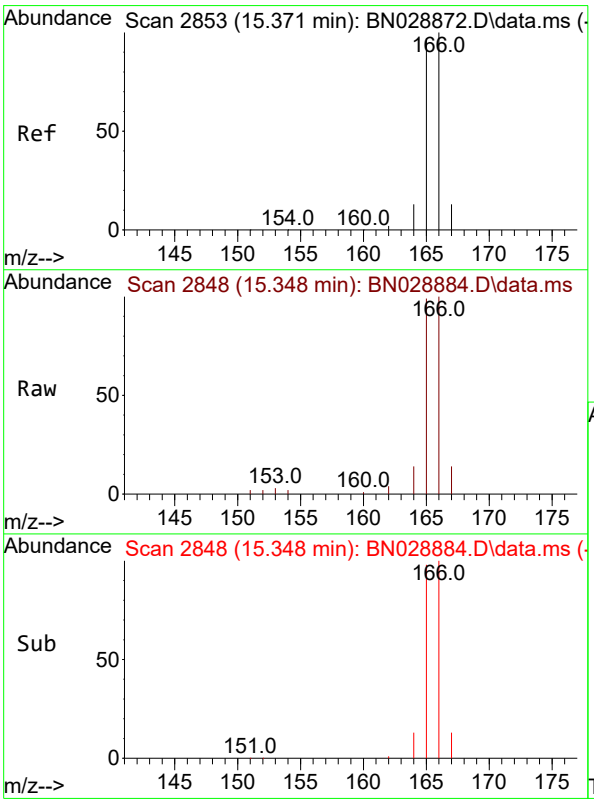
#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.348 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:153 Resp: 15005

Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.6	59.4
154	85.6	71.0	106.6

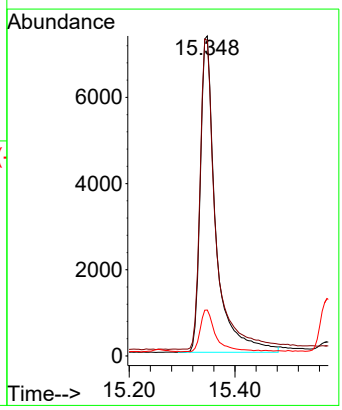


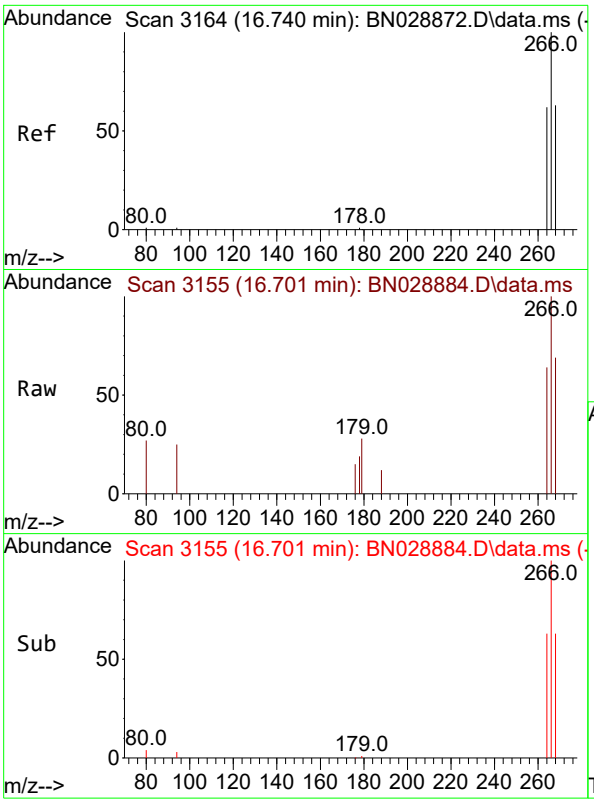


#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.348 min Scan# 2848
Delta R.T. -0.019 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:166 Resp: 14916

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	118.0
167	14.3	11.0	16.6



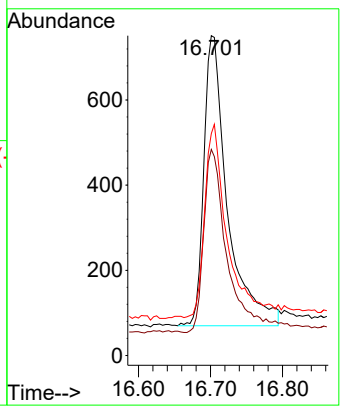


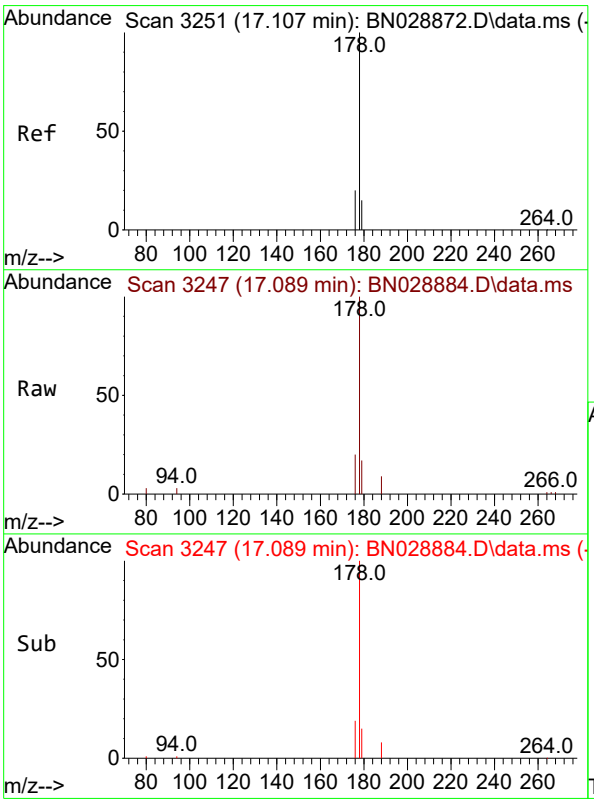
#14
Pentachlorophenol
Concen: 0.431 ng/ul
RT: 16.701 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:266 Resp: 1550

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.1	75.1
268	63.6	50.6	75.8

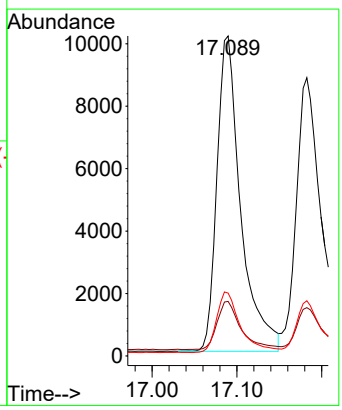


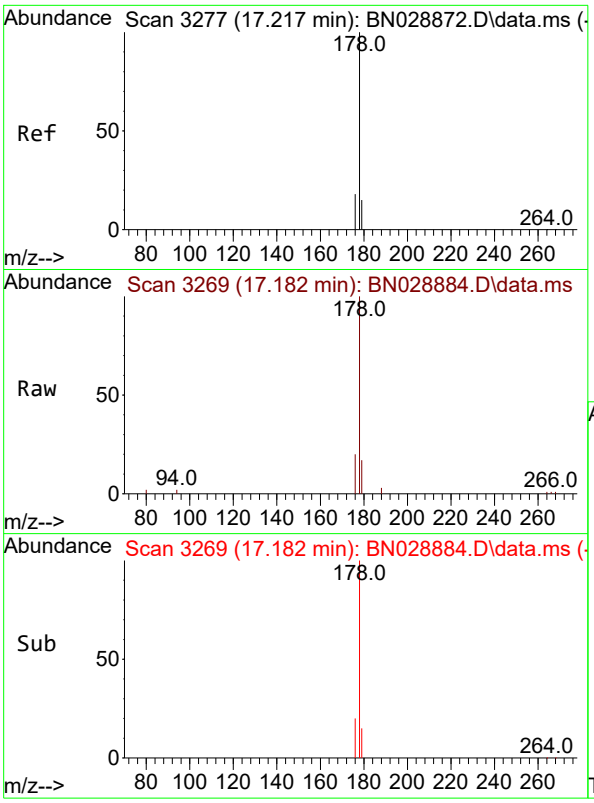


#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.089 min Scan# 3247
Delta R.T. -0.013 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:178 Resp: 19697

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.4	18.6
176	19.6	15.4	23.2



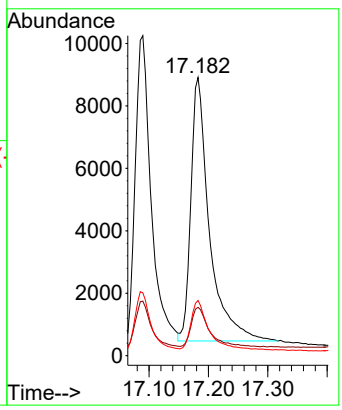


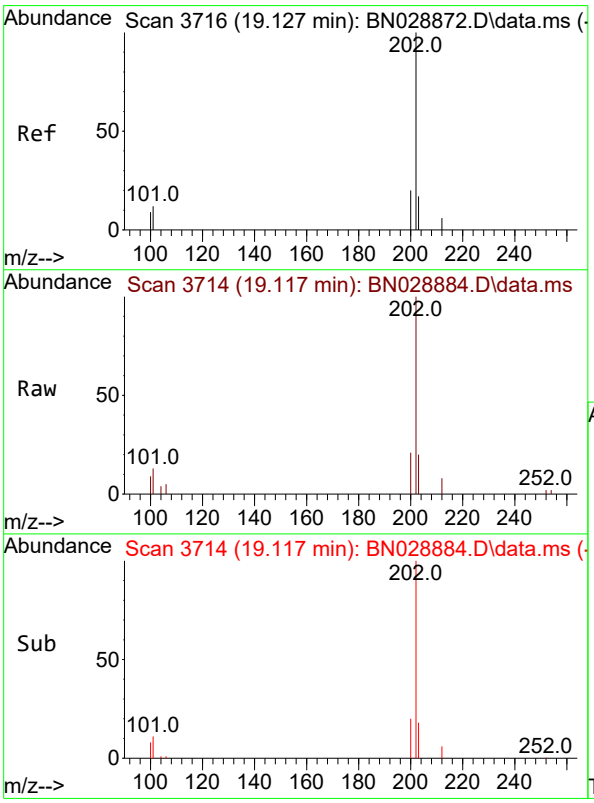
#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.182 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:178 Resp: 18309

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	18.8
176	19.9	14.9	22.3

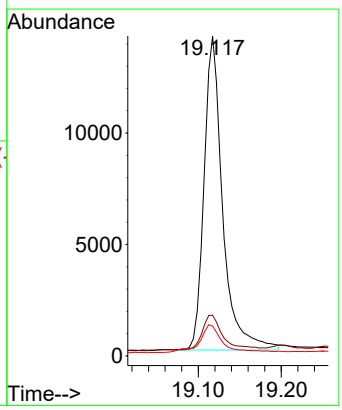


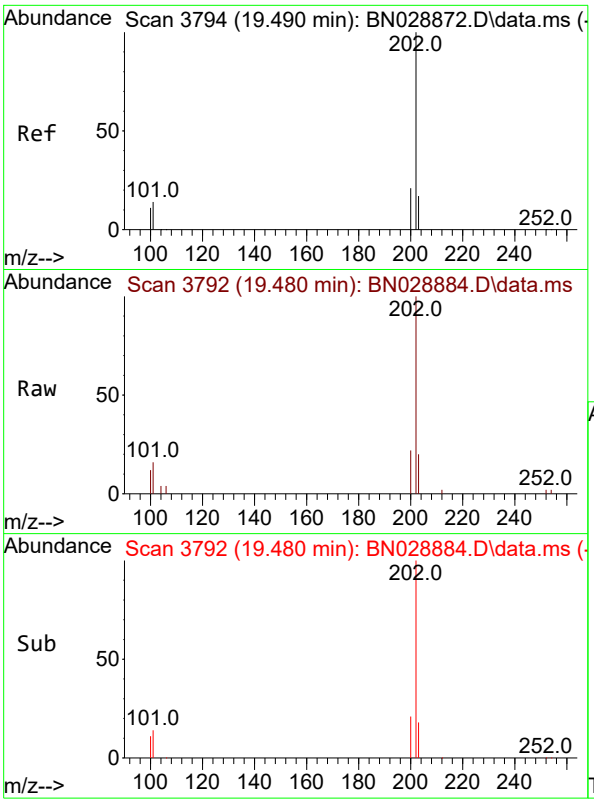


#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.117 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:202 Resp: 22031

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	9.3	7.2	10.8



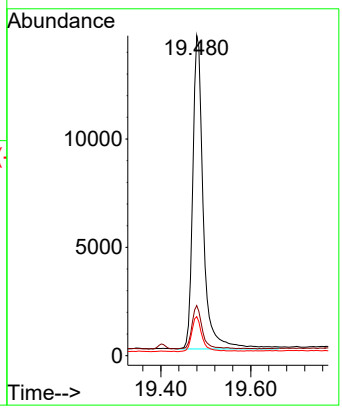


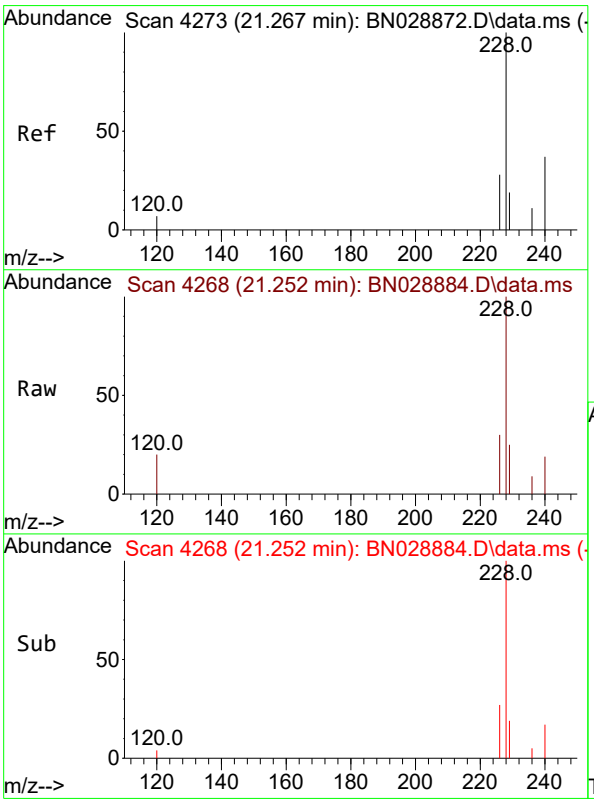
#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.480 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:202 Resp: 23782

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.3	15.5#
100	12.2	8.2	12.2

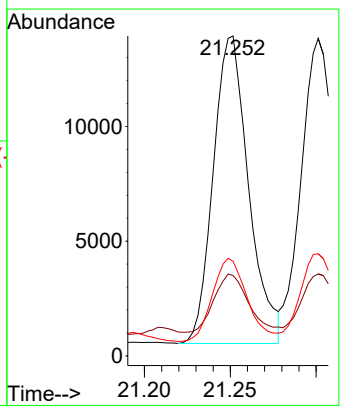


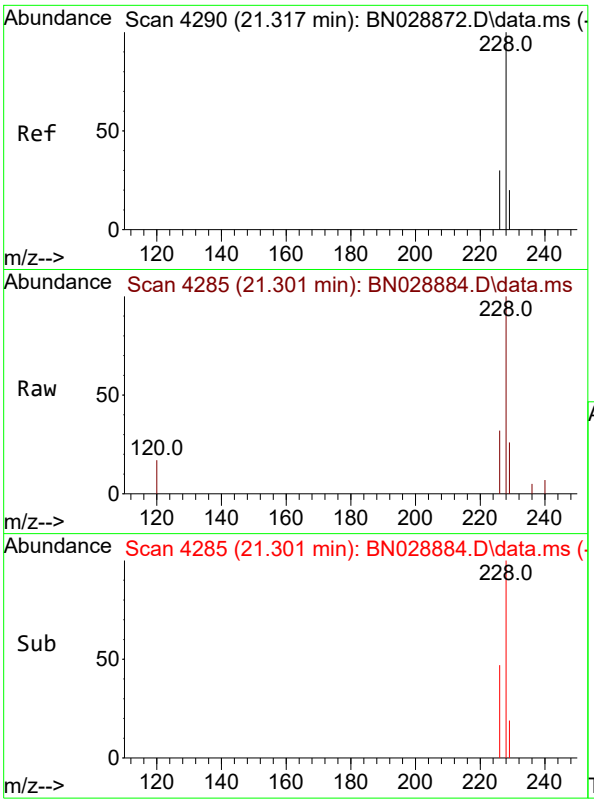


#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.252 min Scan# 4268
Delta R.T. -0.004 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:228 Resp: 19201

Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.7	23.5#
226	29.6	21.4	32.0



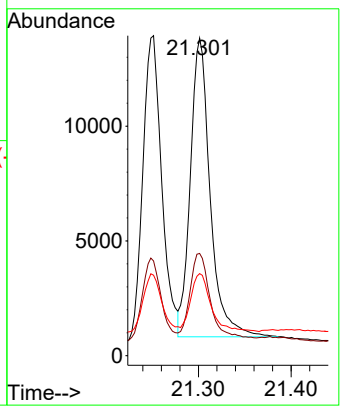


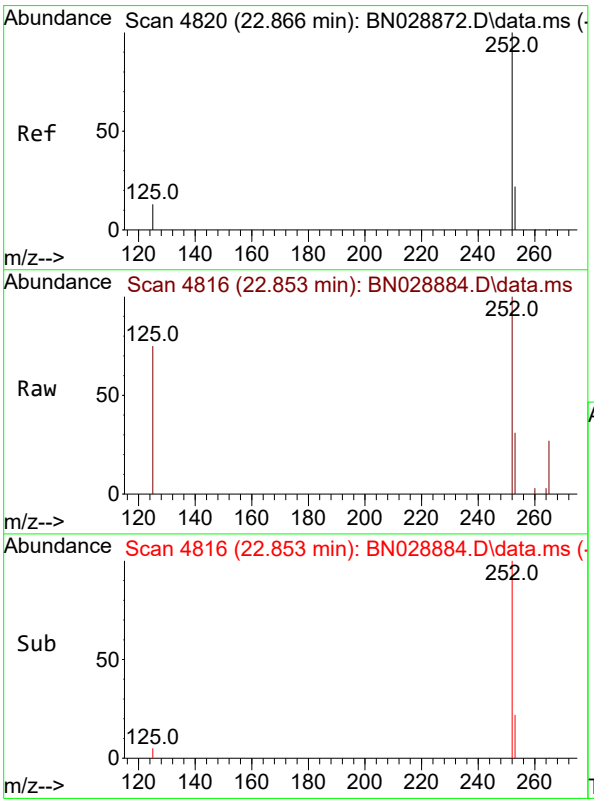
#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.301 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:228 Resp: 19357

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.8	35.8
229	25.8	15.4	23.2#

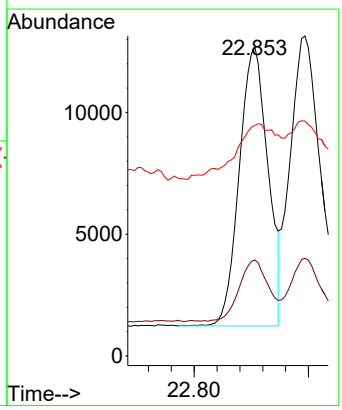


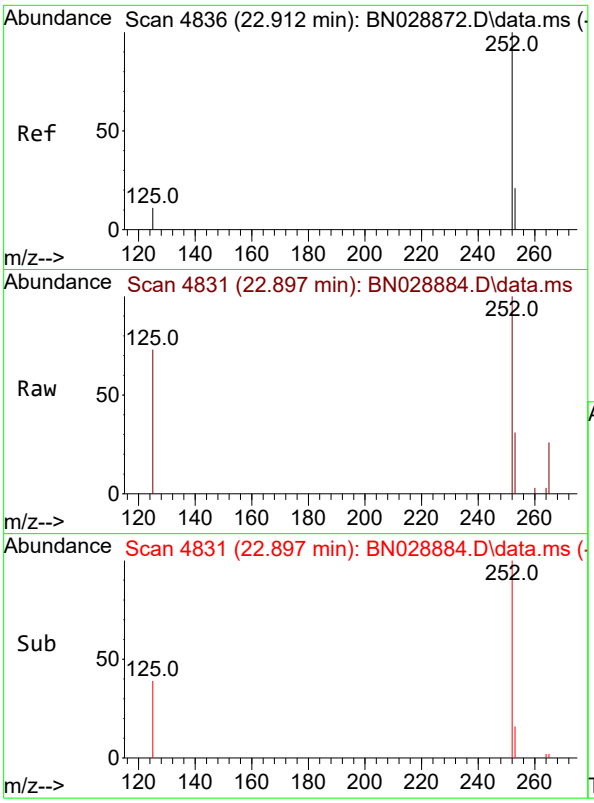


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.853 min Scan# 4816
Delta R.T. -0.001 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:252 Resp: 19939

Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	46.6
125	74.6	0.0	27.6#



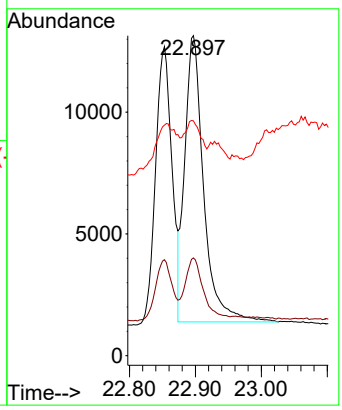


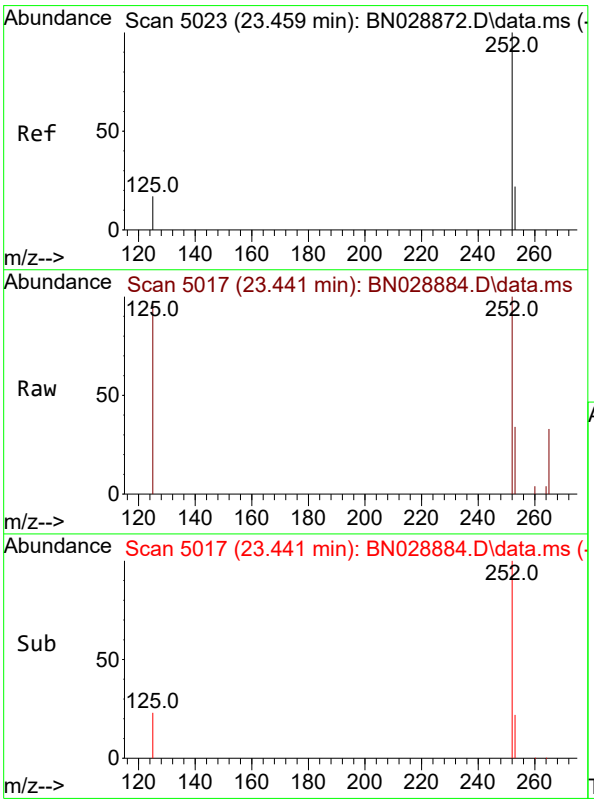
#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.897 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:252 Resp: 23421

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.6	28.0#
125	73.4	12.7	19.1#

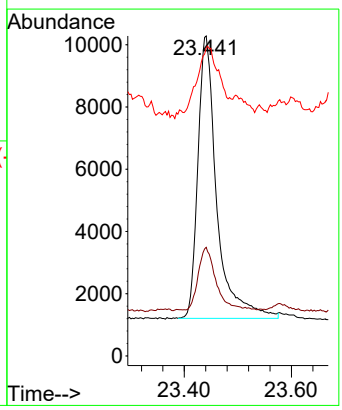


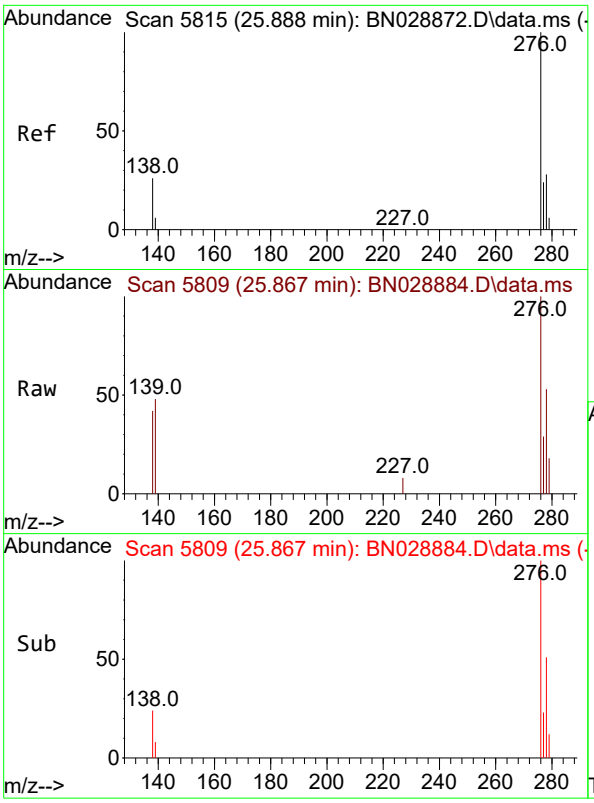


#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.441 min Scan# 5017
Delta R.T. -0.004 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:252 Resp: 22209

Ion	Ratio	Lower	Upper
252	100		
253	33.9	19.0	28.6#
125	96.2	13.2	19.8#



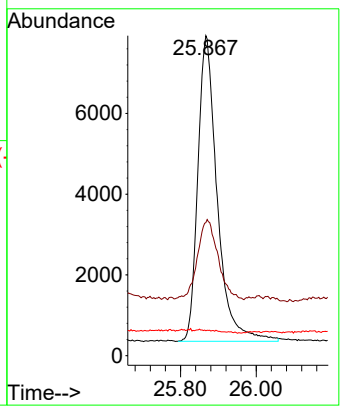


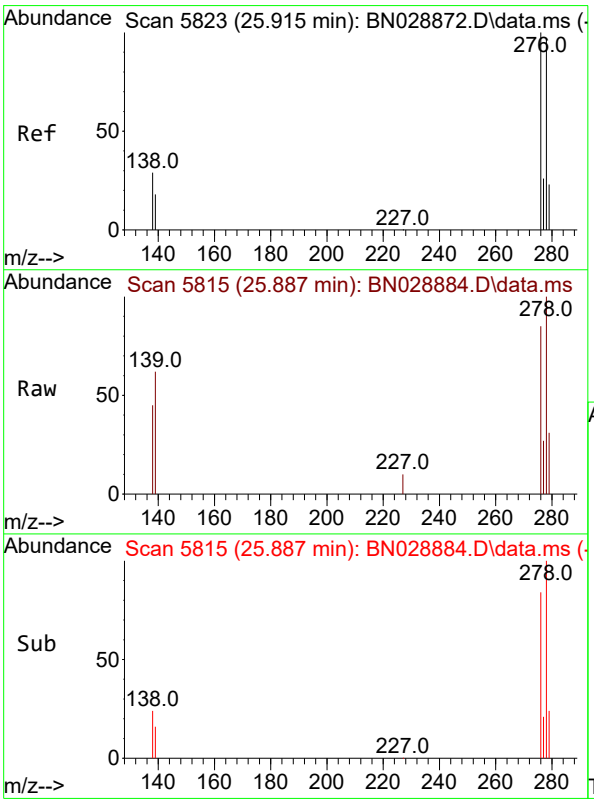
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng/ul
RT: 25.867 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:276 Resp: 26843

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.8	35.6
227	0.0	0.1	0.1#

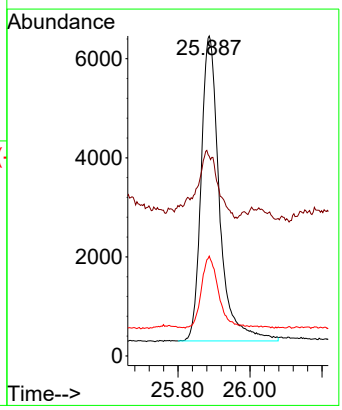


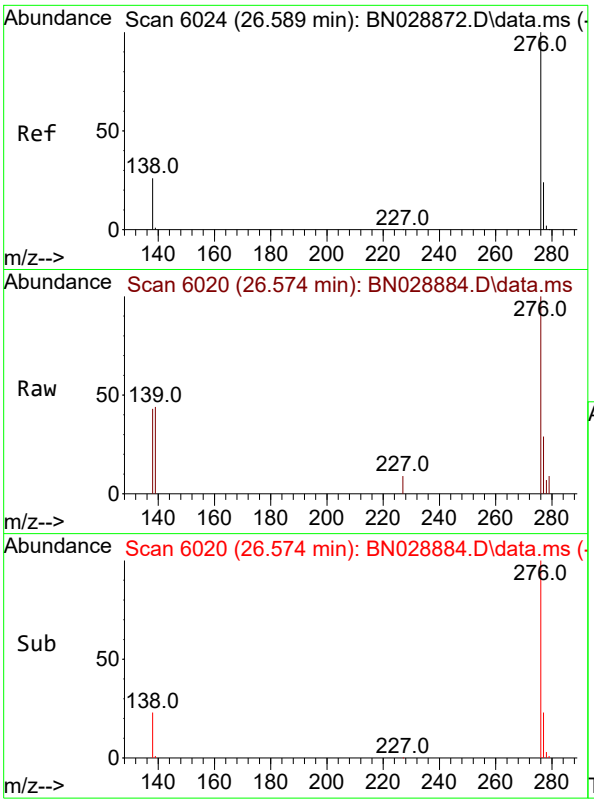


#28
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 25.887 min Scan# 5815
Delta R.T. -0.011 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Tgt Ion:278 Resp: 21806

Ion	Ratio	Lower	Upper
278	100		
139	62.4	18.2	27.4#
279	31.2	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 26.574 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN028884.D
Acq: 27 Nov 2023 18:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4334

Tgt Ion:276 Resp: 22196

Ion	Ratio	Lower	Upper
276	100		
138	42.7	20.5	30.7#
277	28.6	19.4	29.0