Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028151.D
Acq On : 08 Oct 2023 10:09
Operator : MA/JU
Sample : PB155980BS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS980

Quant Time: Oct 09 00:47:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4492	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	13613	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.569	164	6601	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.329	188	12261	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	10898	0.400	ng/ul	0.00
23) Perylene-d12	23.980	264	11786	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	4776	0.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	8147	0.371	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	14363	0.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	12140	2.032	ng/ul#	86
5) Naphthalene	10.790	128	15339	0.397	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	8820	0.362	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	9083	0.360	ng/ul	100
10) Acenaphthylene	14.300	152	11251	0.376	ng/ul	99
11) Acenaphthene	14.633	153	9392	0.394	ng/ul	100
12) Fluorene	15.623	166	9937	0.375	ng/ul	99
14) Pentachlorophenol	16.970	266	1391	0.529	ng/ul	98
15) Phenanthrene	17.371	178	14969	0.410	ng/ul	99
16) Anthracene	17.464	178	12895	0.394	ng/ul	99
19) Fluoranthene	19.385	202	16826	0.404	ng/ul	98
20) Pyrene	19.752	202	17446	0.405	ng/ul	99
21) Benzo(a)anthracene	21.501	228	16305	0.410	ng/ul	100
22) Chrysene	21.554	228	17117	0.426	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	18446	0.422	ng/ul	99
25) Benzo(k)fluoranthene	23.264	252	18695	0.430	ng/ul	99
26) Benzo(a)pyrene	23.869	252	15830	0.425	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.566	276	22158	0.491	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.576	278	18045	0.492	ng/ul	99
29) Benzo(g,h,i)perylene	27.374	276	18945	0.514	ng/ul	99

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

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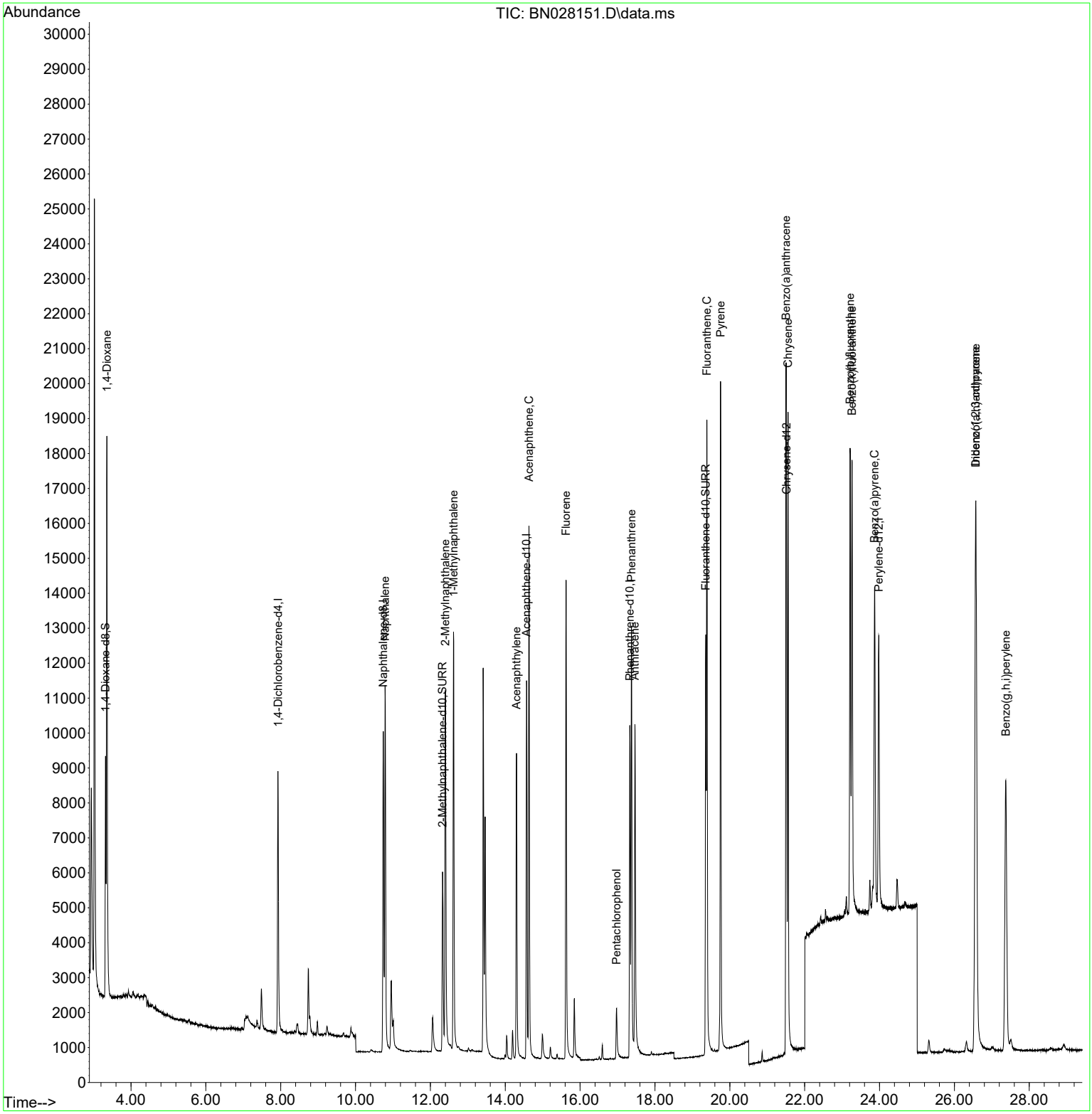
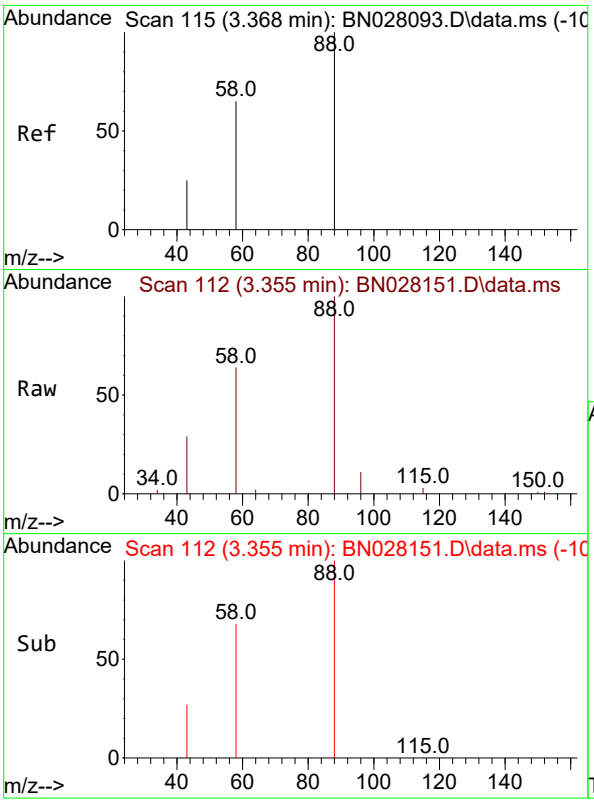


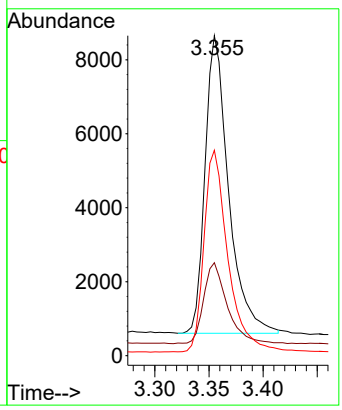


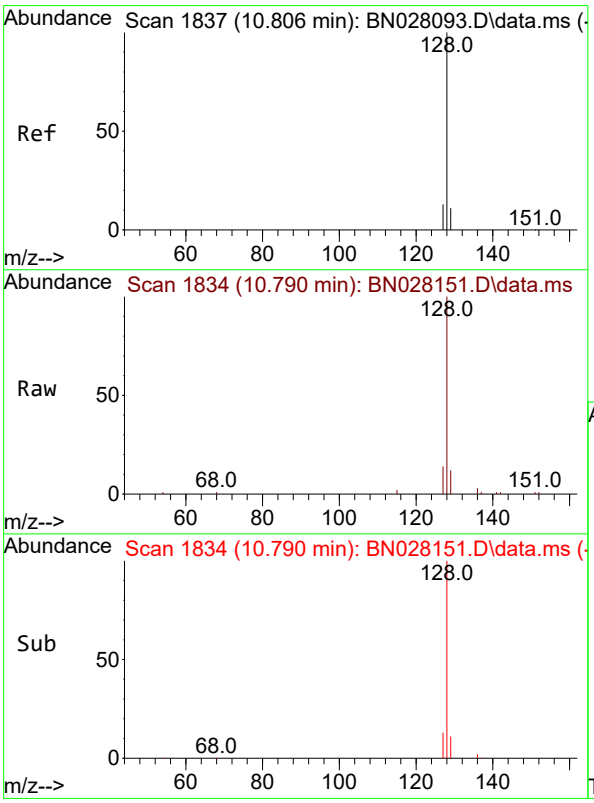
#2
1,4-Dioxane
Concen: 2.032 ng/ul
RT: 3.355 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion: 88 Resp: 12140

Ion	Ratio	Lower	Upper
88	100		
43	29.0	33.4	50.2#
58	64.2	45.7	68.5

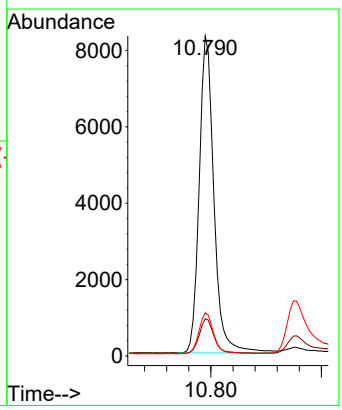


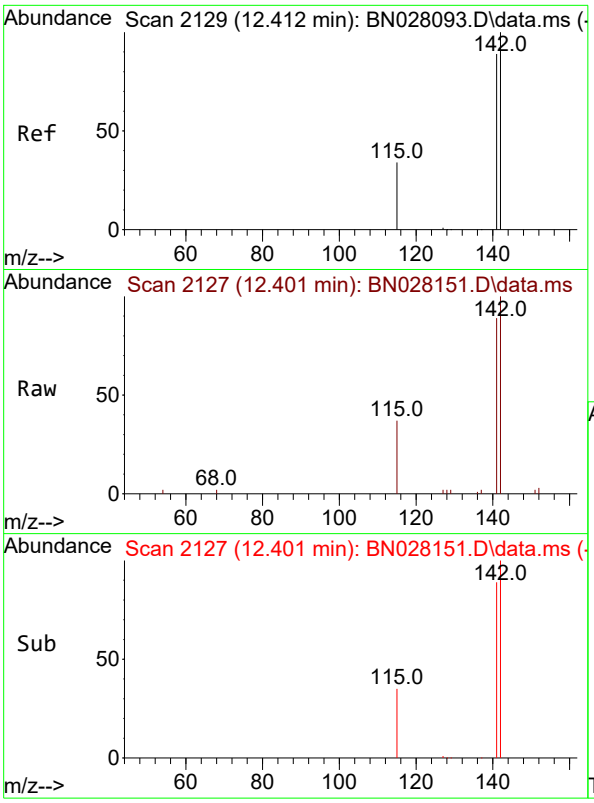


#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.790 min Scan# 1834
Delta R.T. -0.017 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:128 Resp: 15339

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.5	11.0	16.4



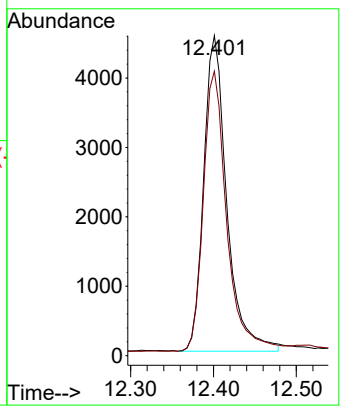


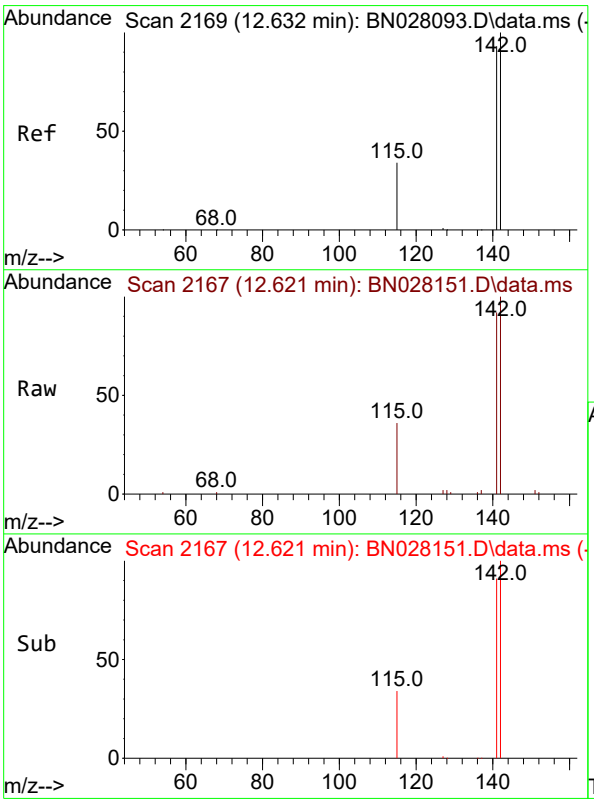
#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.401 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:142 Resp: 8820

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3

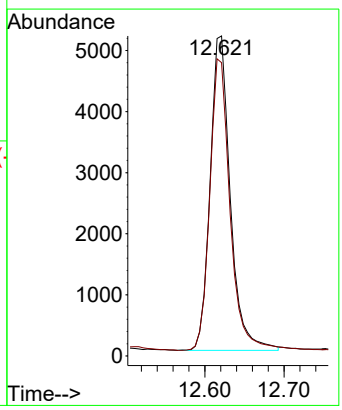


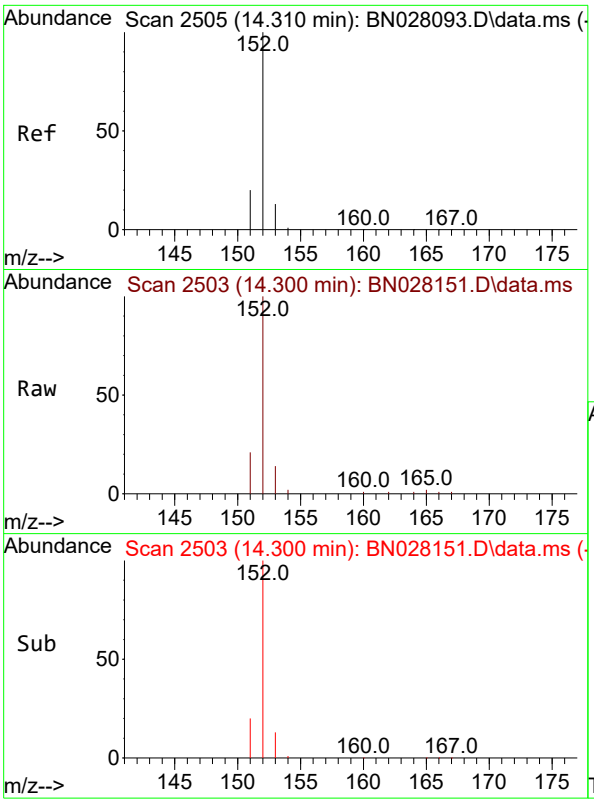


#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.621 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:142 Resp: 9083

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.4	111.6



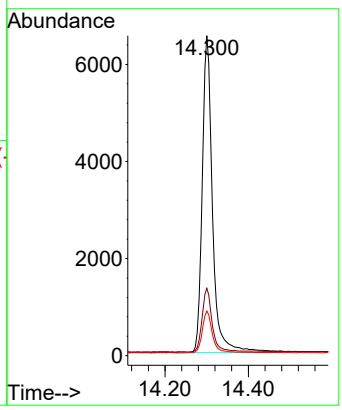


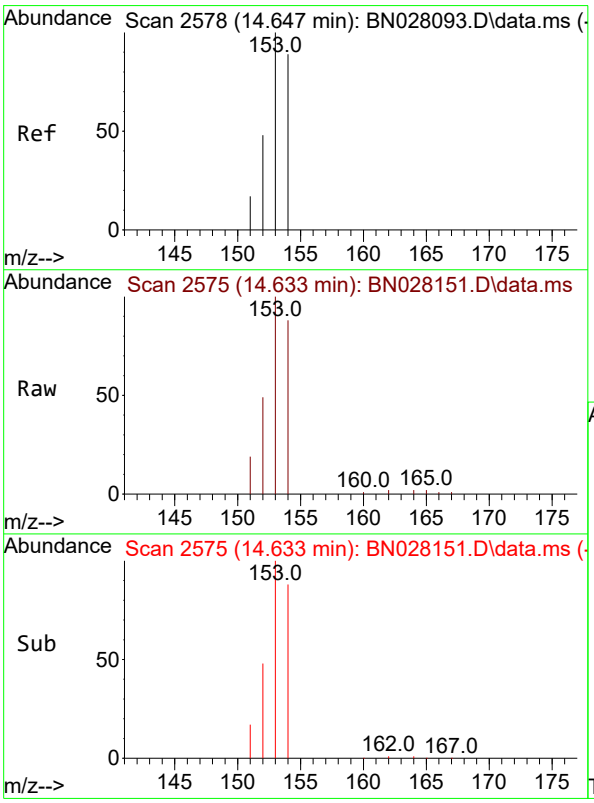
#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.300 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:152 Resp: 11251

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	13.9	10.9	16.3

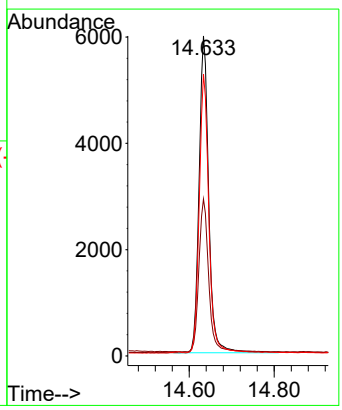


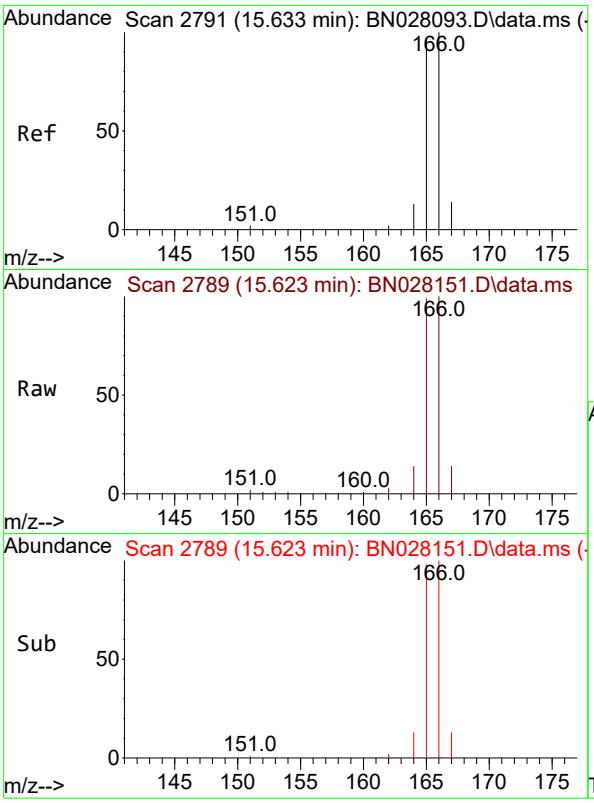


#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.633 min Scan# 2575
Delta R.T. -0.009 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:153 Resp: 9392

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.4	59.0
154	88.1	70.2	105.4



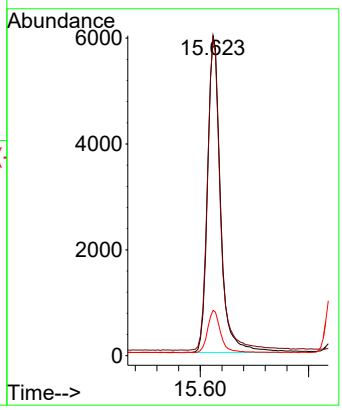


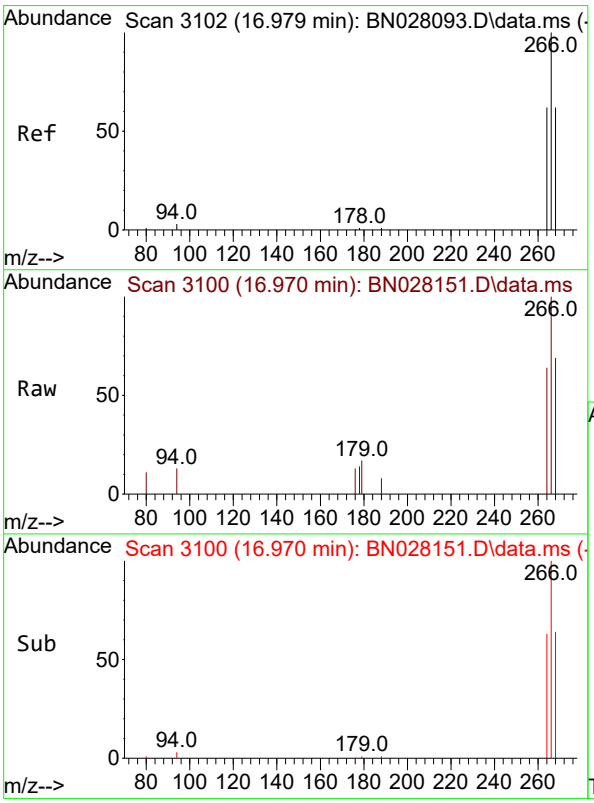
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.623 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:166 Resp: 9937

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	14.2	11.2	16.8

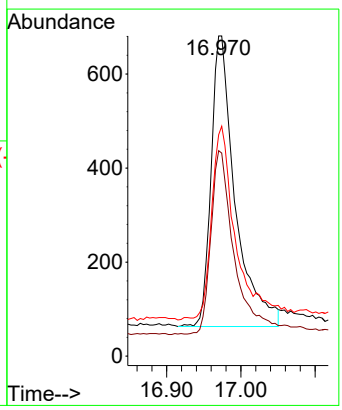


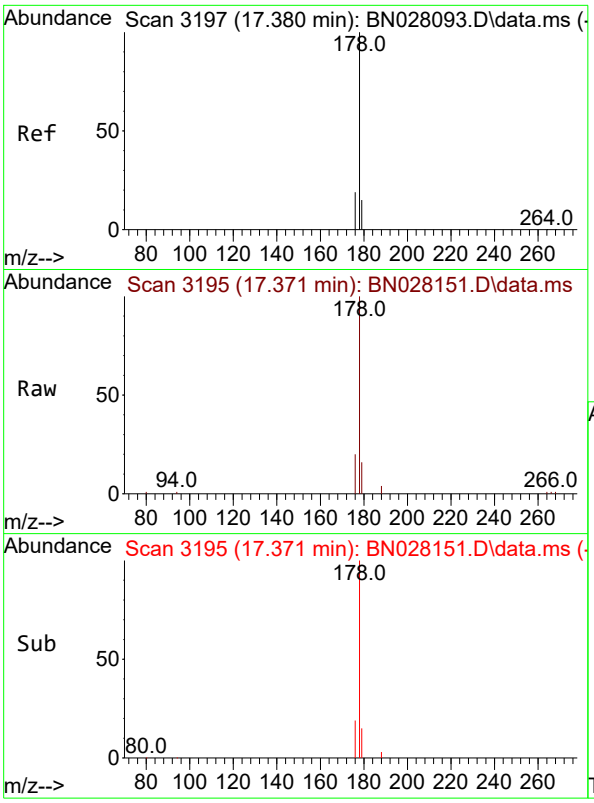


#14
Pentachlorophenol
Concen: 0.529 ng/ul
RT: 16.970 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:266 Resp: 1391

Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.6	74.4
268	63.6	52.2	78.4



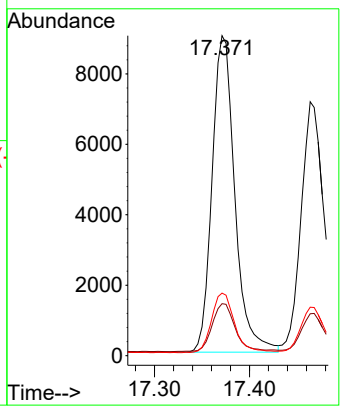


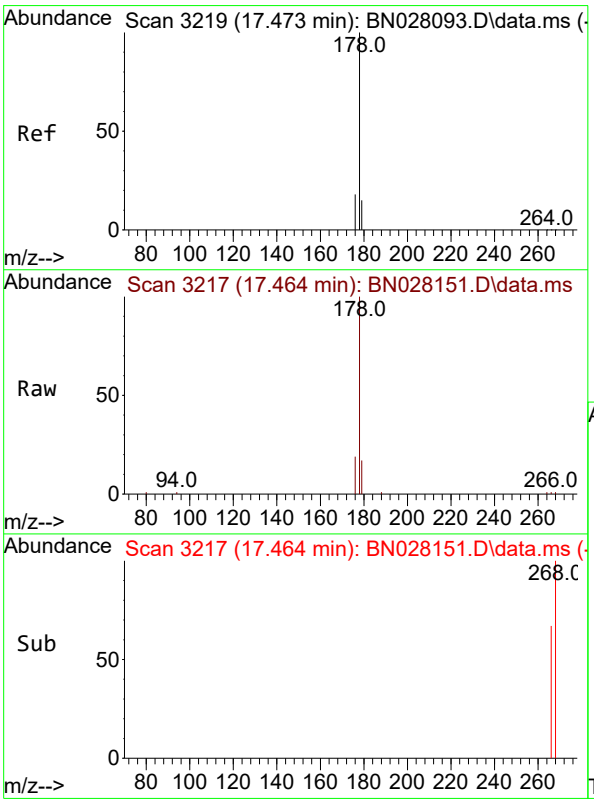
#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.371 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:178 Resp: 14969

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.6	15.5	23.3

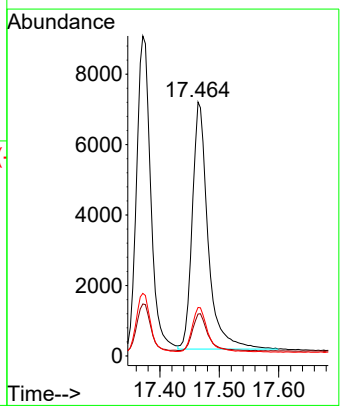


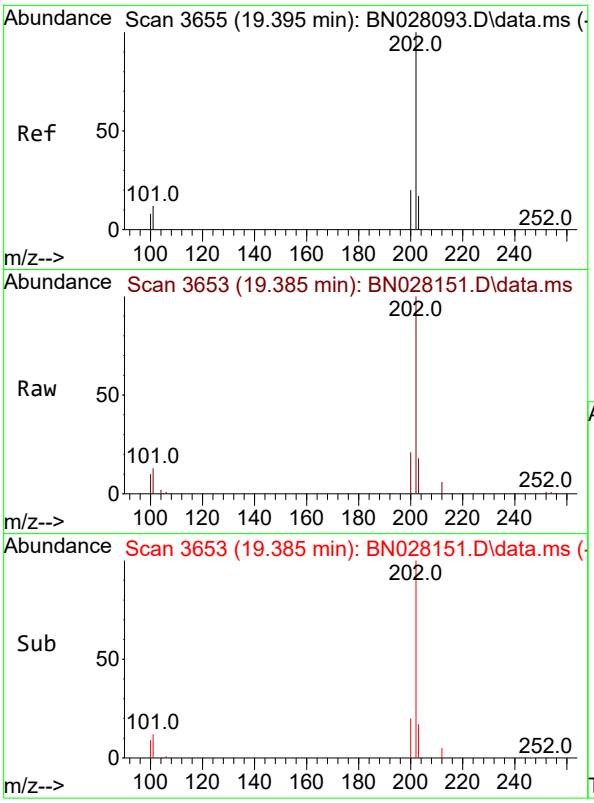


#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.464 min Scan# 3217
Delta R.T. -0.004 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:178 Resp: 12895

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	19.1	15.0	22.6



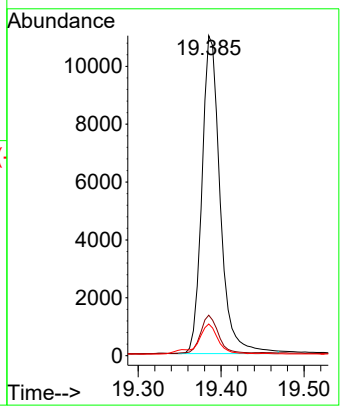


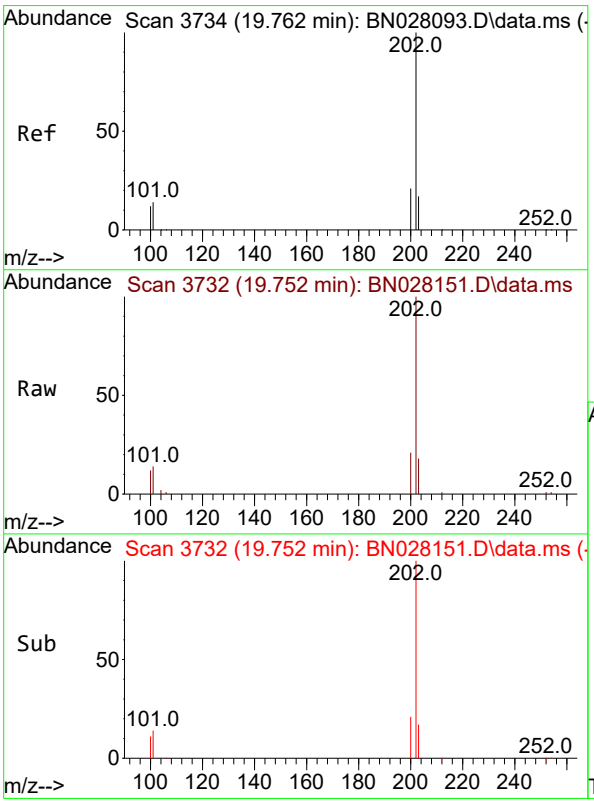
#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.385 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:202 Resp: 16826

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
100	9.9	7.4	11.0

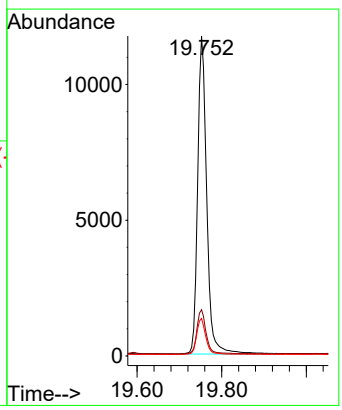


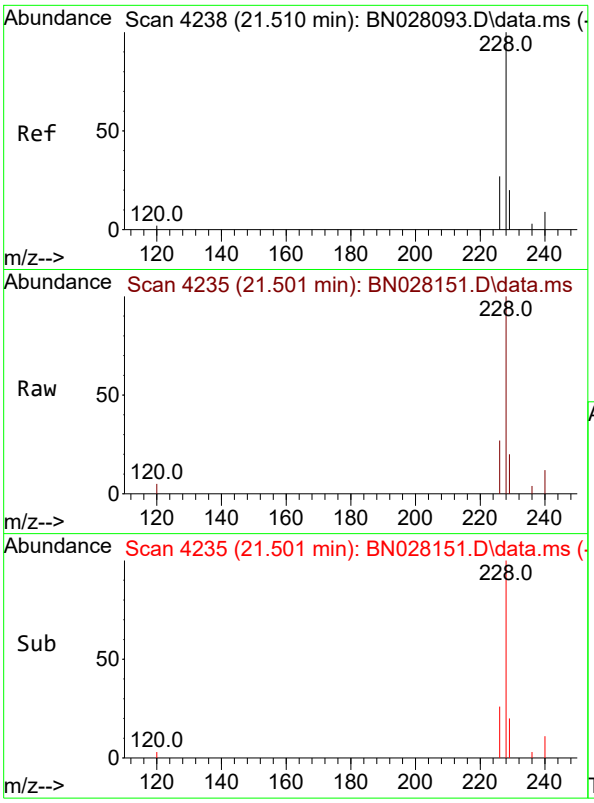


#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.752 min Scan# 3732
Delta R.T. -0.005 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:202 Resp: 17446

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.2	16.8
100	11.7	9.1	13.7



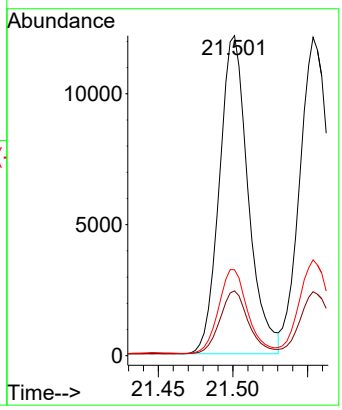


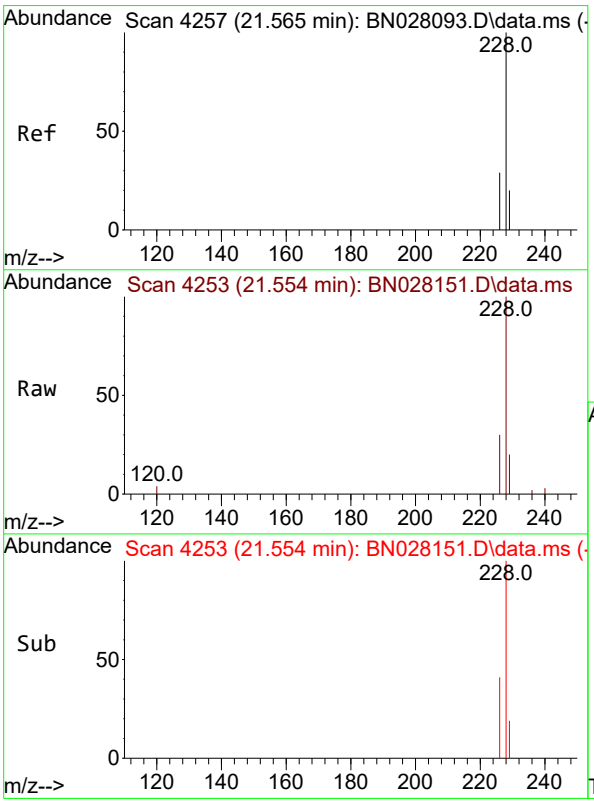
#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:228 Resp: 16305

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	26.9	21.5	32.3

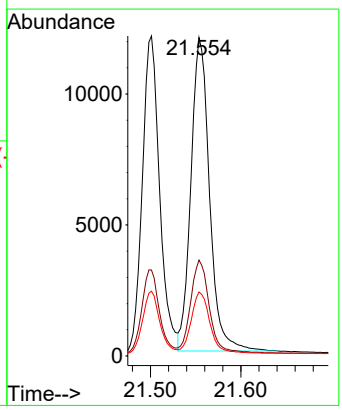


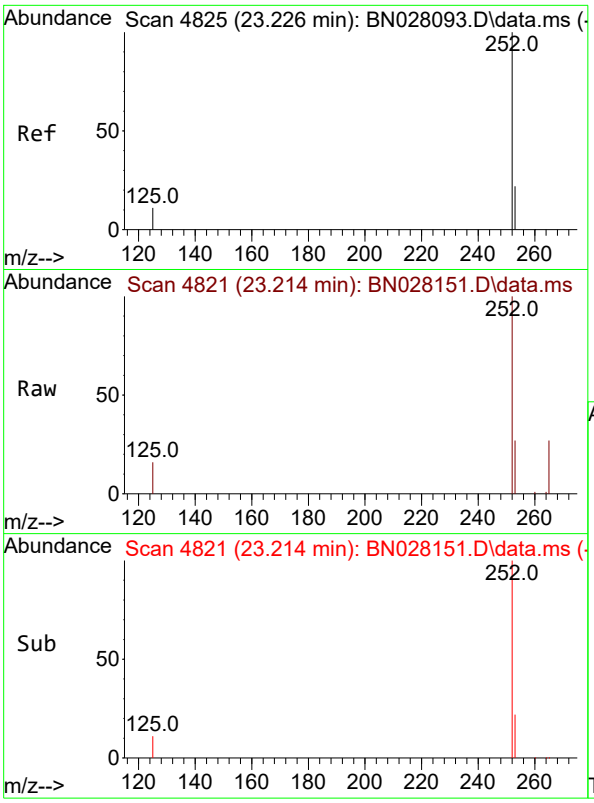


#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:228 Resp: 17117

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.1	16.0	24.0



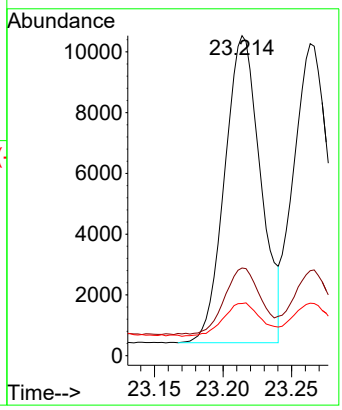


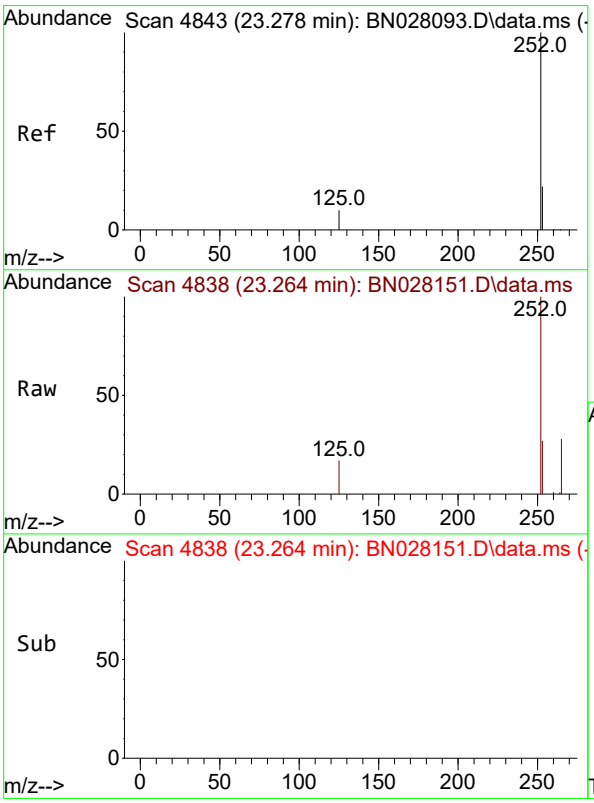
#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.214 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:252 Resp: 18446

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	54.0
125	16.3	0.0	31.4

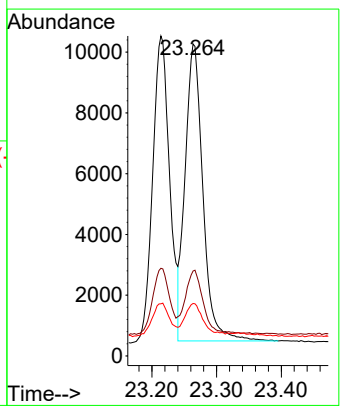


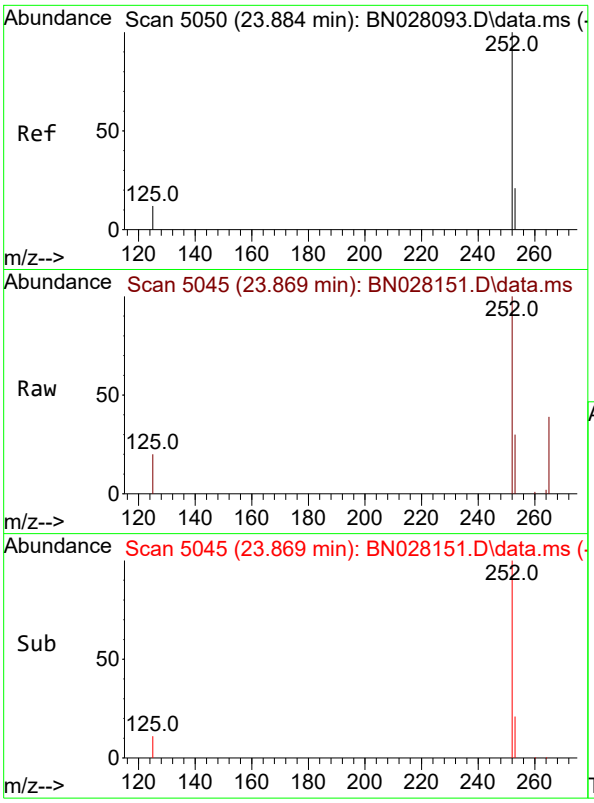


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.264 min Scan# 4838
Delta R.T. -0.003 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:252 Resp: 18695

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.8
125	16.8	12.8	19.2



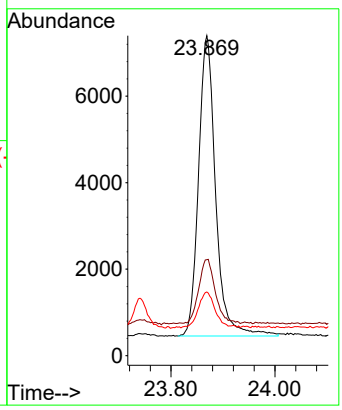


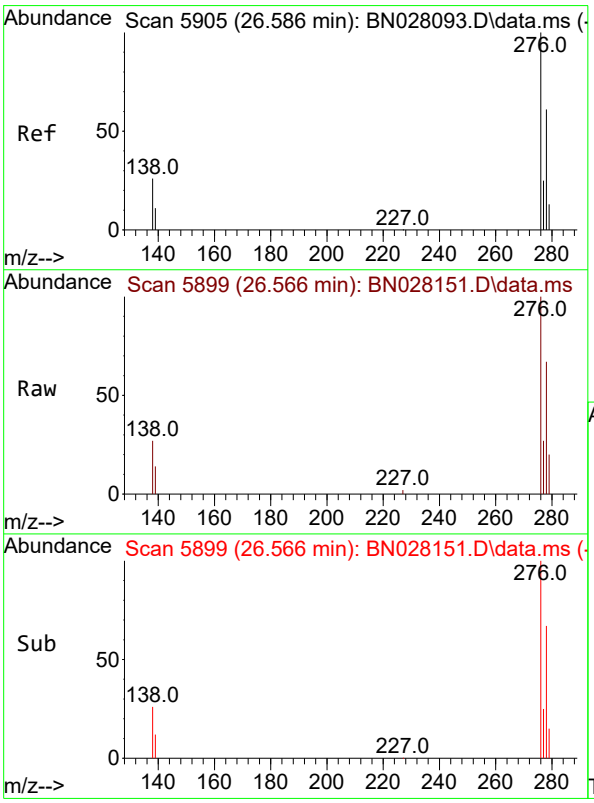
#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.869 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:252 Resp: 15830

Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.4	35.2
125	19.9	15.3	22.9

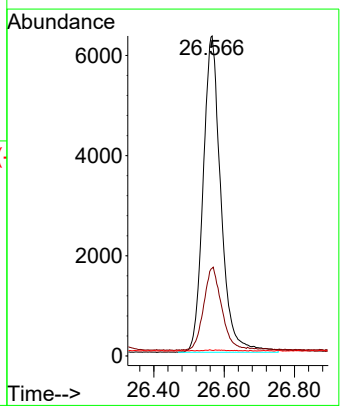


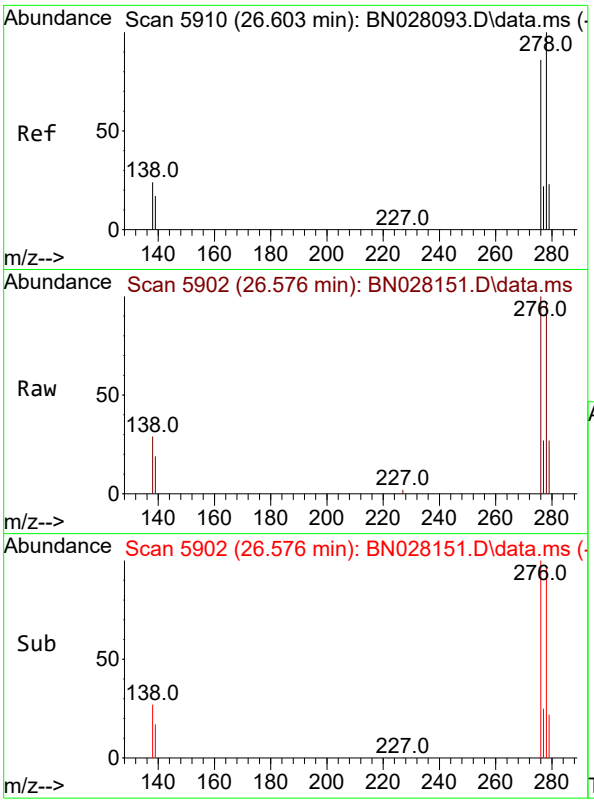


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.000 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:276 Resp: 22158

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.6	32.4
227	0.1	0.2	0.2#



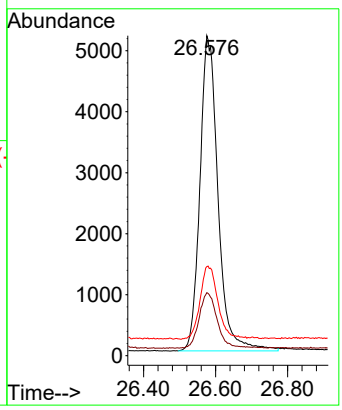


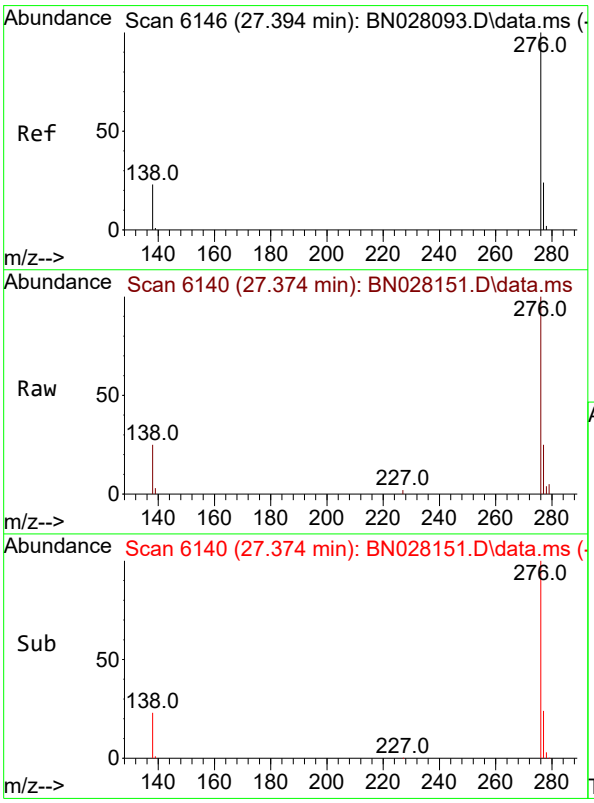
#28
Dibenzo(a,h)anthracene
Concen: 0.492 ng/ul
RT: 26.576 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Instrument :
BNA_N
ClientSampleId :
SLCS980

Tgt Ion:278 Resp: 18045

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	27.8	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.514 ng/ul
RT: 27.374 min Scan# 6140
Delta R.T. -0.003 min
Lab File: BN028151.D
Acq: 08 Oct 2023 10:09

Tgt Ion:276 Resp: 18945

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.6
277	25.4	20.6	31.0