Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
Data File : BN028563.D
Acq On : 10 Nov 2023 18:33
Operator : MA/JU
Sample : PB156718BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS718

Quant Time: Nov 10 23:28:21 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 : Thu Nov 09 16:30:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	9411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	29962	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	18031	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	38772	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	24951	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	24078	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	7478	0.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	17138	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	37120	0.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	23362	2.032	ng/ul#	79
5) Naphthalene	10.540	128	32279	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	21238	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	21012	0.374	ng/ul	100
10) Acenaphthylene	14.067	152	34881	0.388	ng/ul	100
11) Acenaphthene	14.414	153	25505	0.385	ng/ul	100
12) Fluorene	15.404	166	28925	0.375	ng/ul	100
14) Pentachlorophenol	16.753	266	6119	0.658	ng/ul	100
15) Phenanthrene	17.141	178	45973	0.386	ng/ul	100
16) Anthracene	17.234	178	40734	0.373	ng/ul	100
19) Fluoranthene	19.169	202	49686	0.468	ng/ul	98
20) Pyrene	19.532	202	50348	0.458	ng/ul	98
21) Benzo(a)anthracene	21.296	228	39987	0.405	ng/ul	99
22) Chrysene	21.349	228	40041	0.415	ng/ul	99
24) Benzo(b)fluoranthene	22.921	252	38080	0.421	ng/ul	99
25) Benzo(k)fluoranthene	22.965	252	39342	0.416	ng/ul	99
26) Benzo(a)pyrene	23.515	252	35232	0.413	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.982	276	42941	0.454	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.002	278	34767	0.460	ng/ul	98
29) Benzo(g,h,i)perylene	26.703	276	35654	0.459	ng/ul	99

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

Quantitation Report (QT Reviewed)

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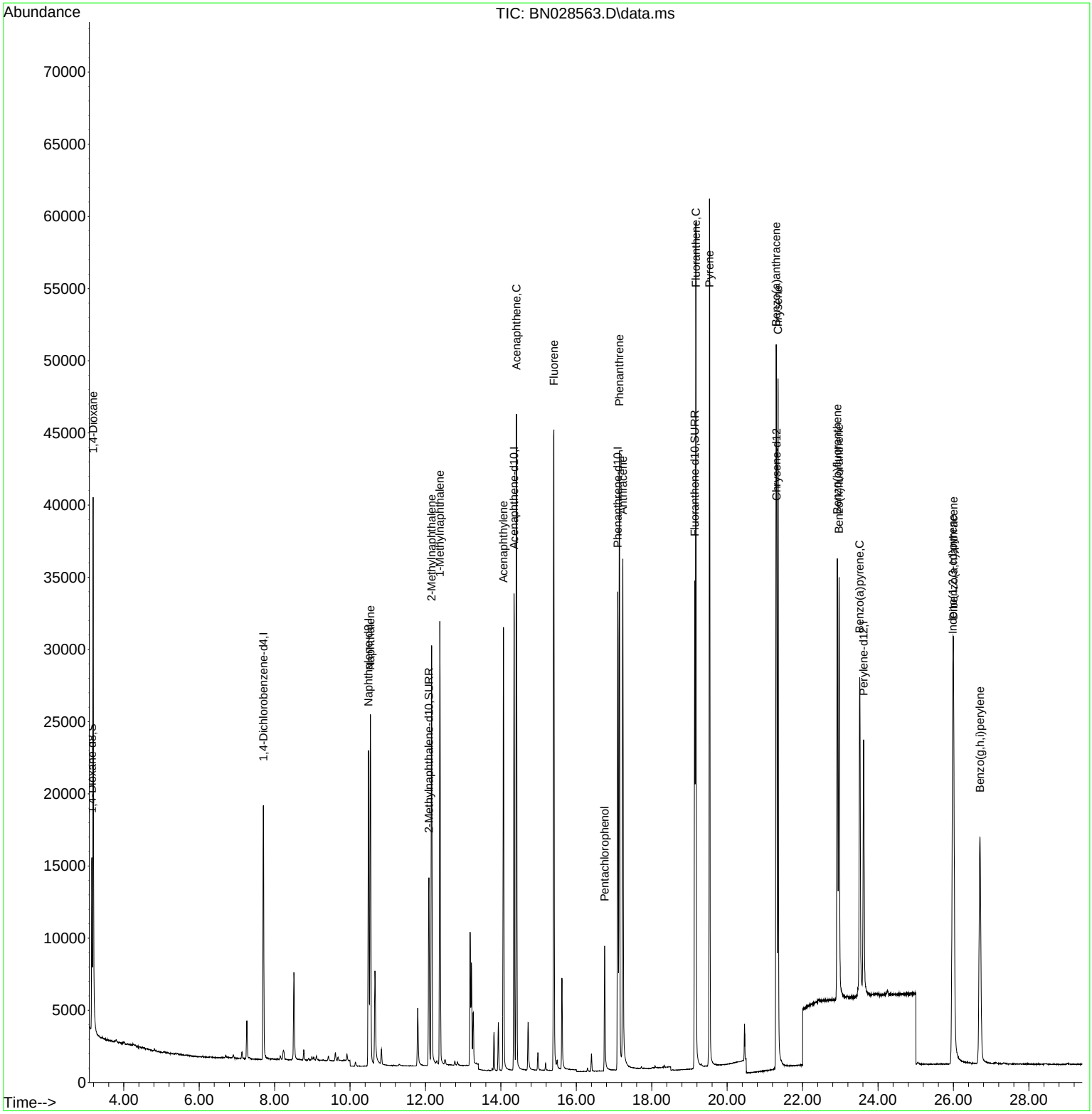
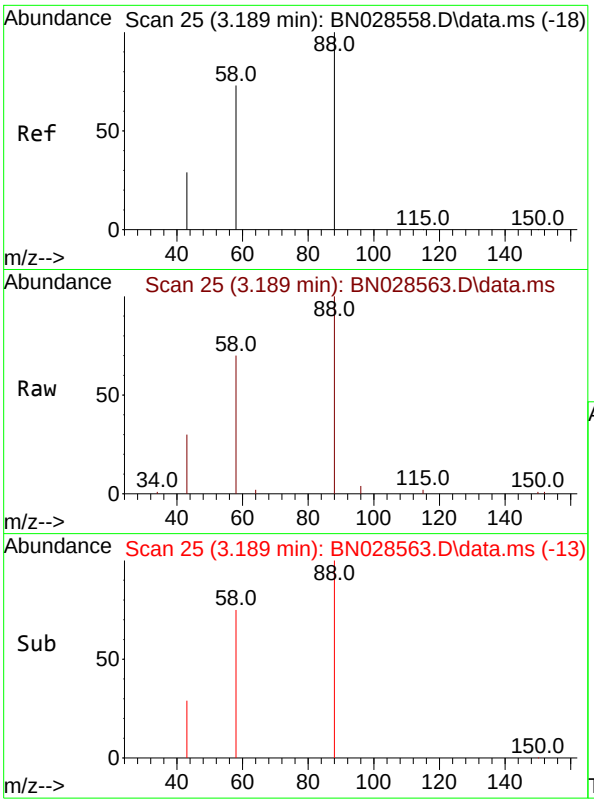


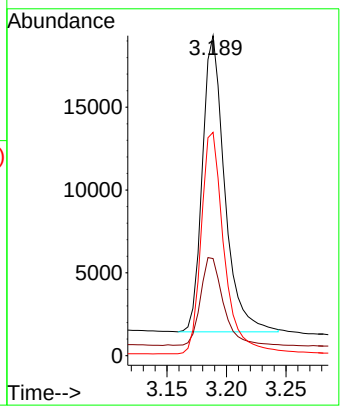


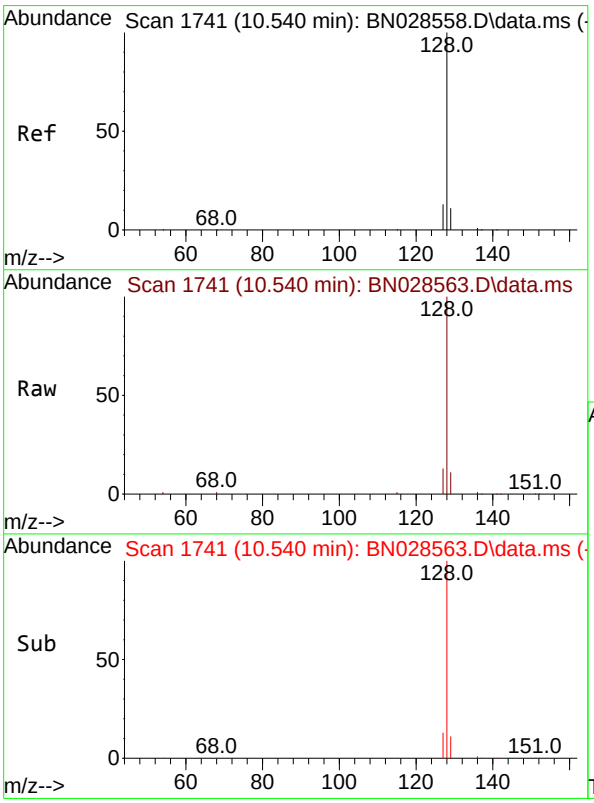
#2
1,4-Dioxane
Concen: 2.032 ng/ul
RT: 3.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion: 88 Resp: 23362

Ion	Ratio	Lower	Upper
88	100		
43	30.4	32.9	49.3#
58	69.8	41.8	62.8#

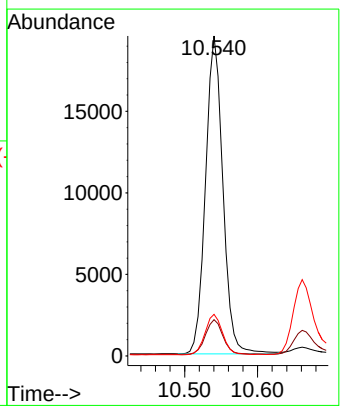


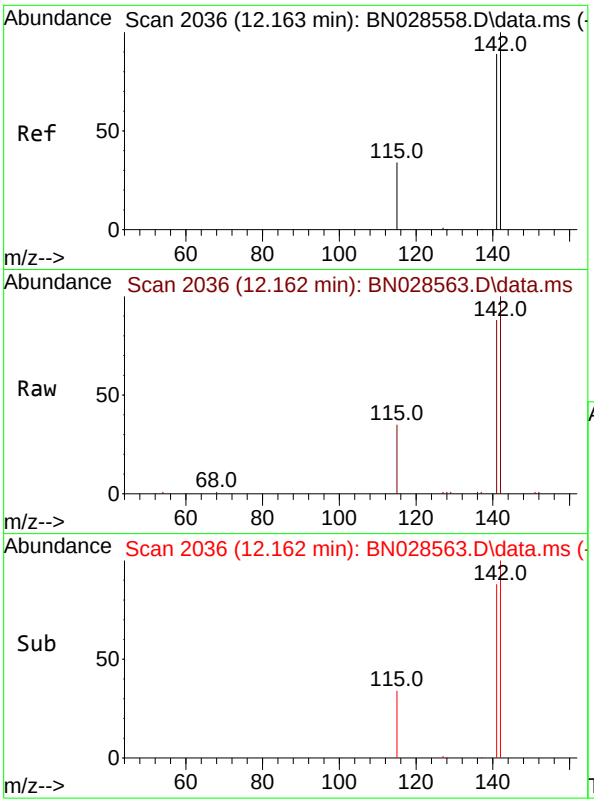


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:128 Resp: 32279

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.0	10.7	16.1



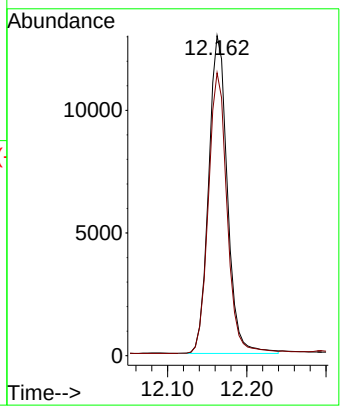


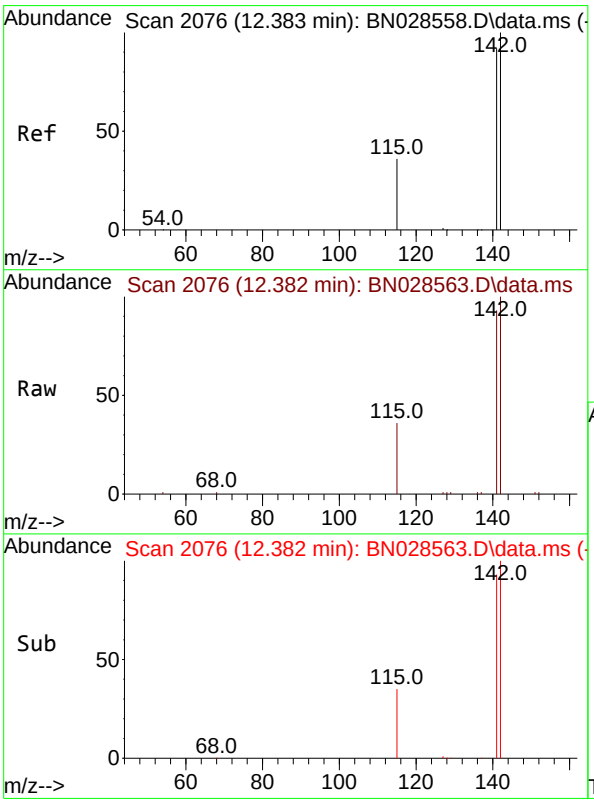
#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.162 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:142 Resp: 21238

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2

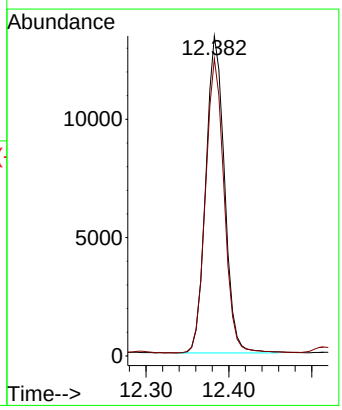


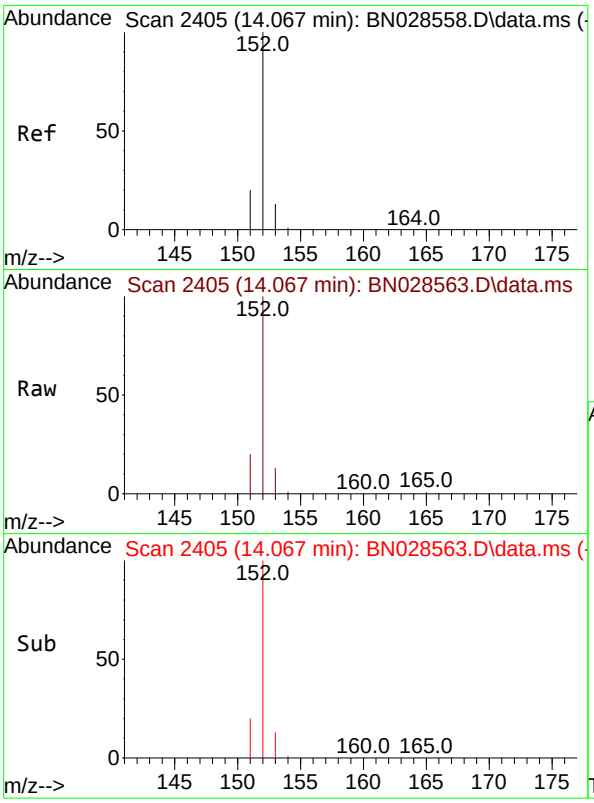


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:142 Resp: 21012

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1



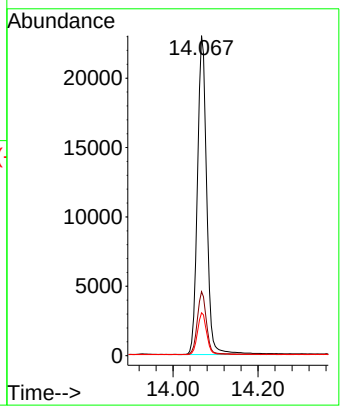


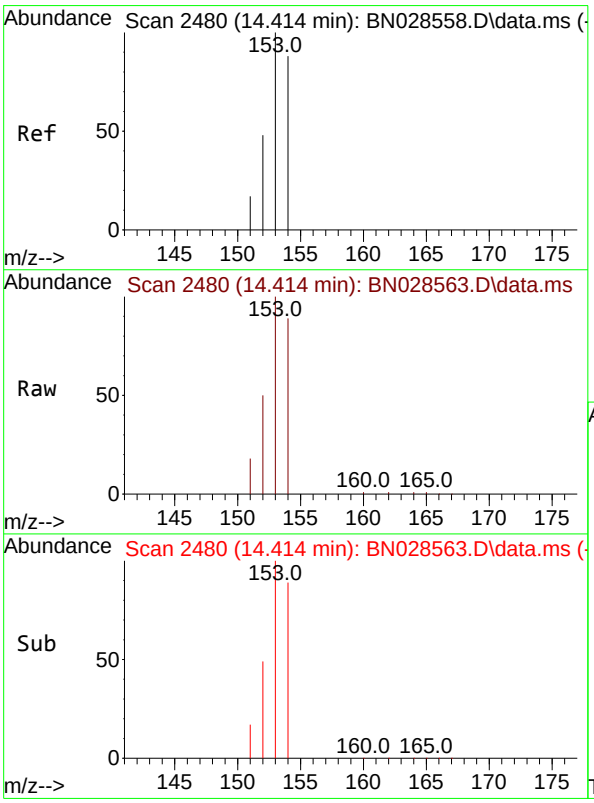
#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.067 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:152 Resp: 34881

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.4	10.6	15.8

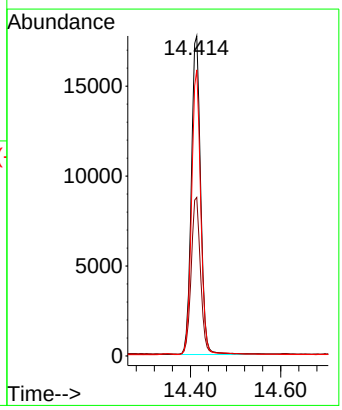


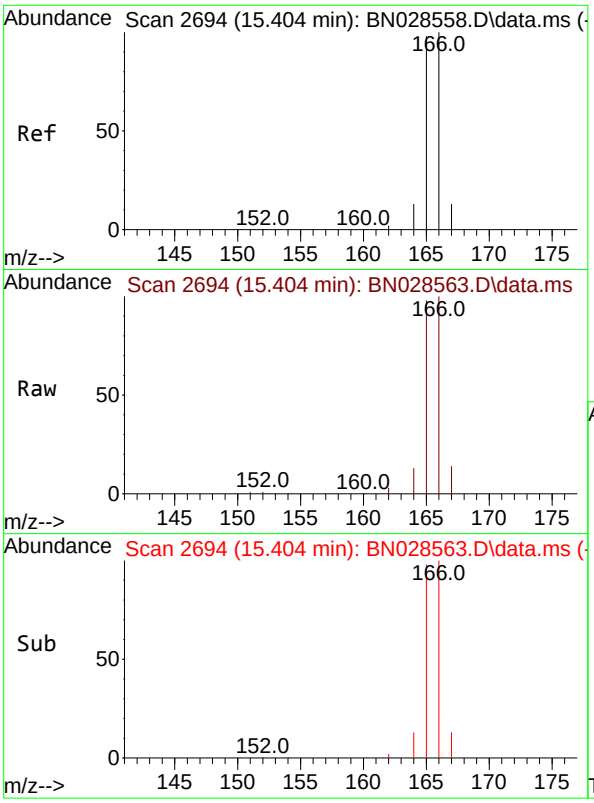


#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:153 Resp: 25505

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.6	59.4
154	89.4	71.0	106.6



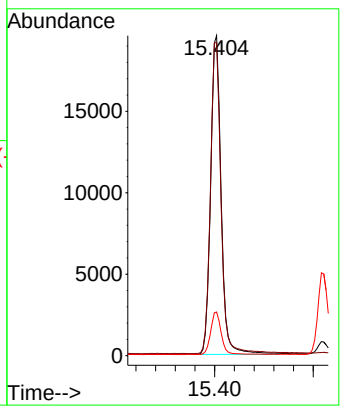


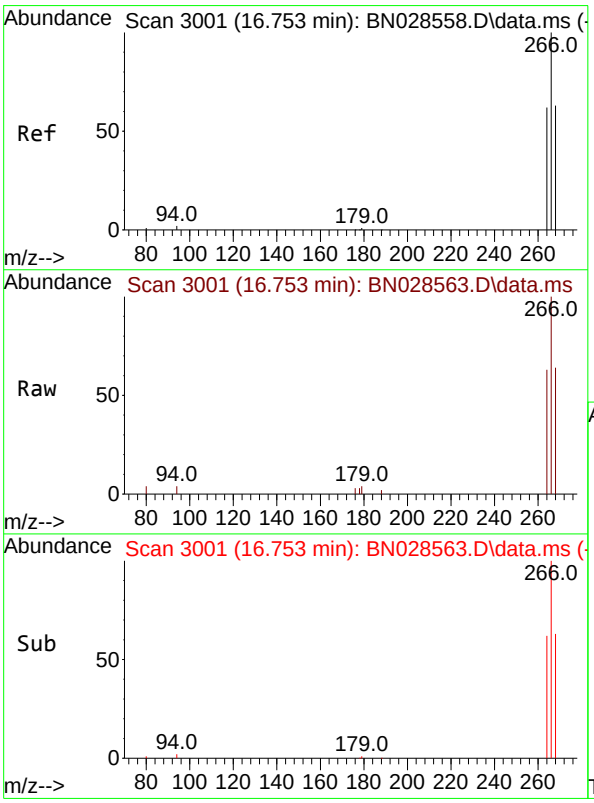
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.404 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:166 Resp: 28925

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	118.0
167	13.7	11.0	16.6

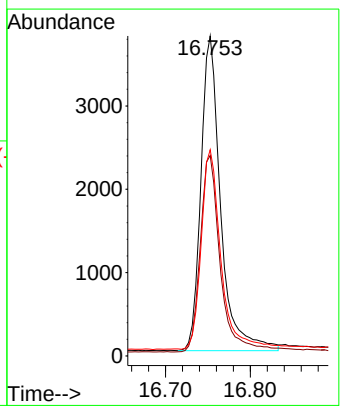


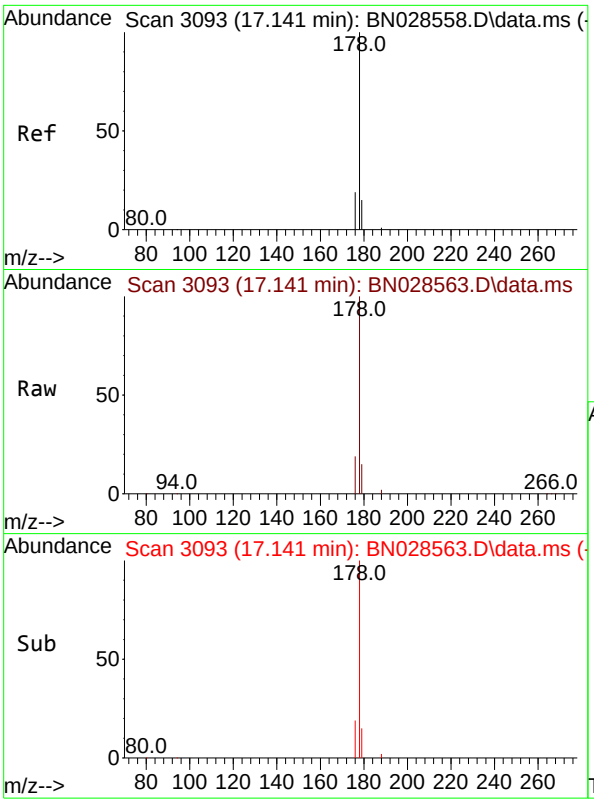


#14
Pentachlorophenol
Concen: 0.658 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:266 Resp: 6119

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.1	75.1
268	63.2	50.6	75.8



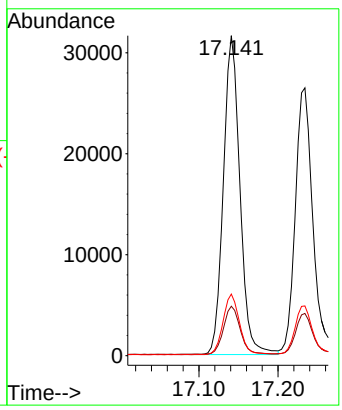


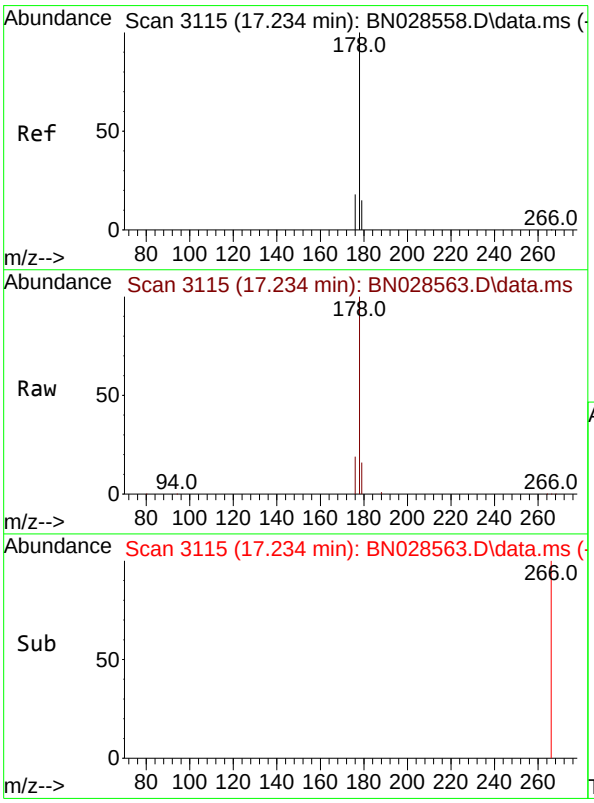
#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.141 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:178 Resp: 45973

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.2	15.4	23.2

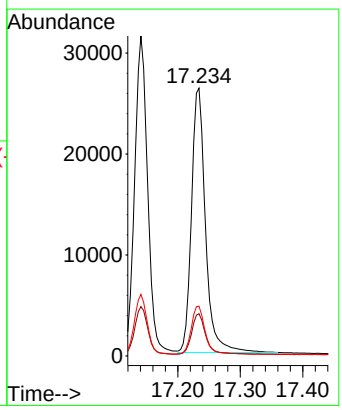


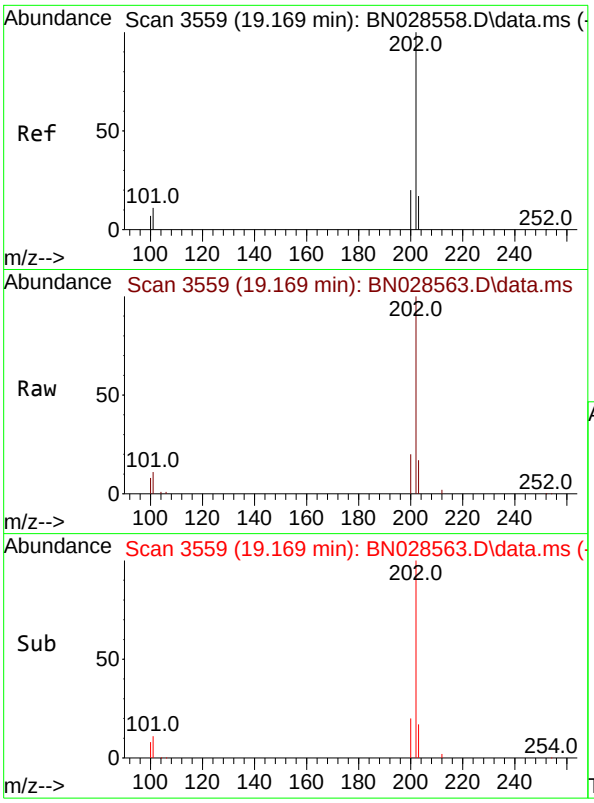


#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:178 Resp: 40734

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.6	14.9	22.3



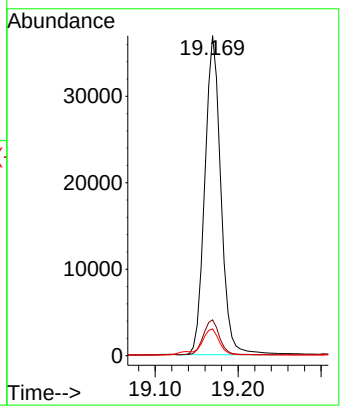


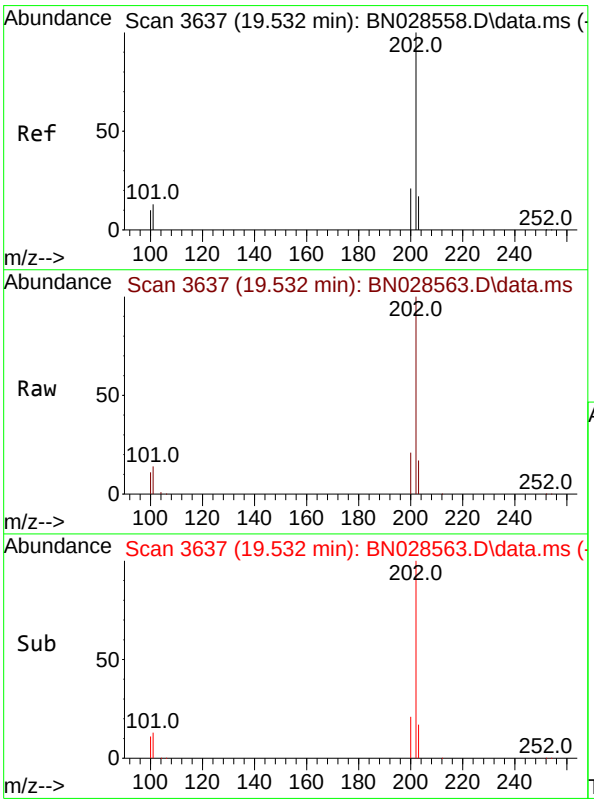
#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.169 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:202 Resp: 49686

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.5	14.3
100	8.4	7.2	10.8

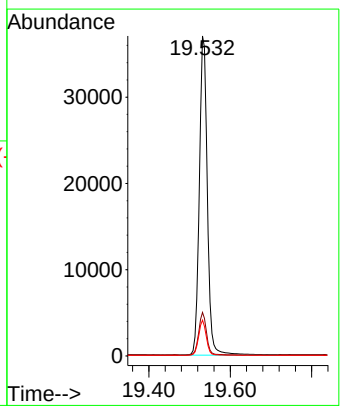


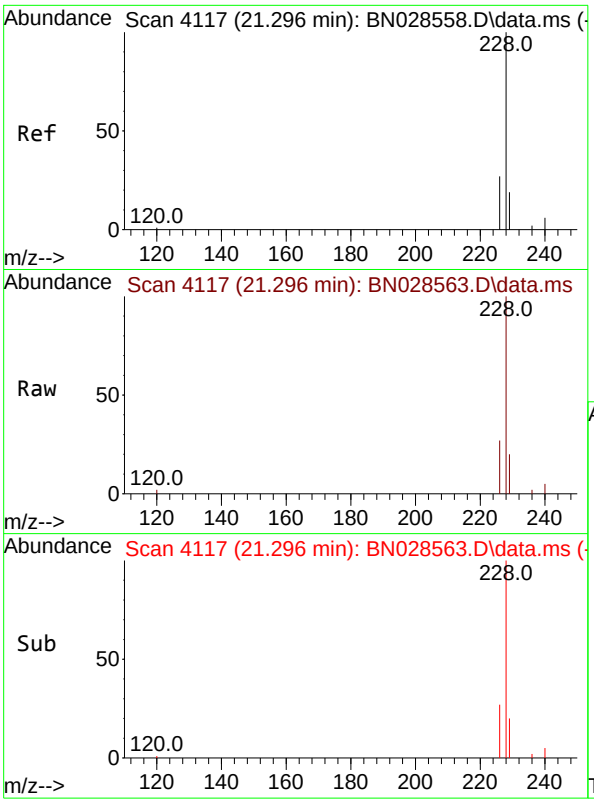


#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:202 Resp: 50348

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	11.2	8.2	12.2



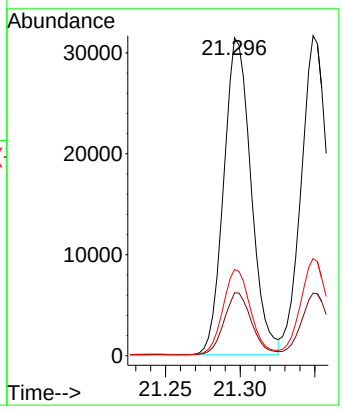


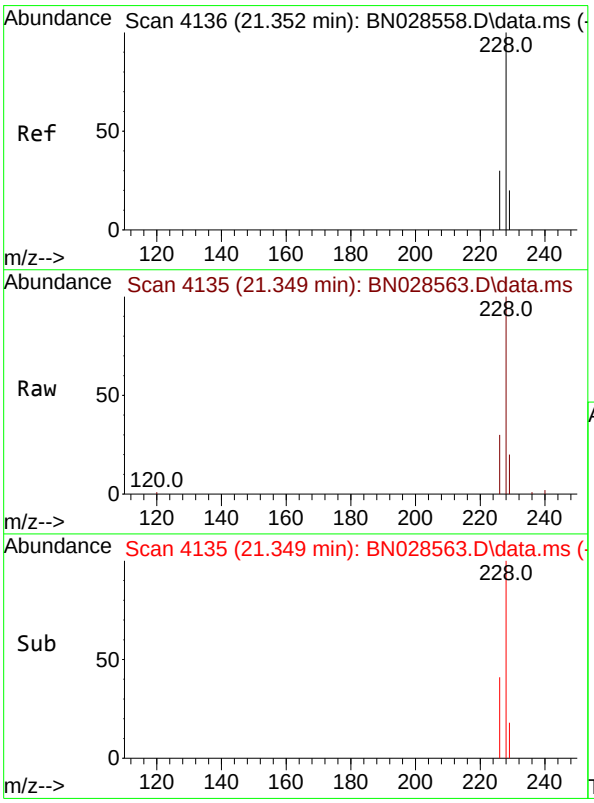
#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.296 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:228 Resp: 39987

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.1	21.4	32.0

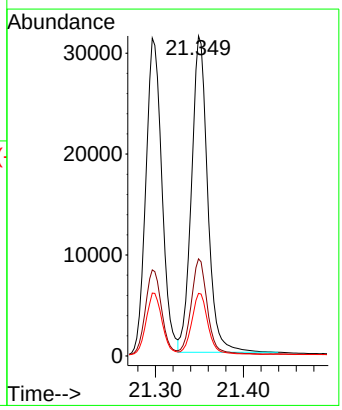


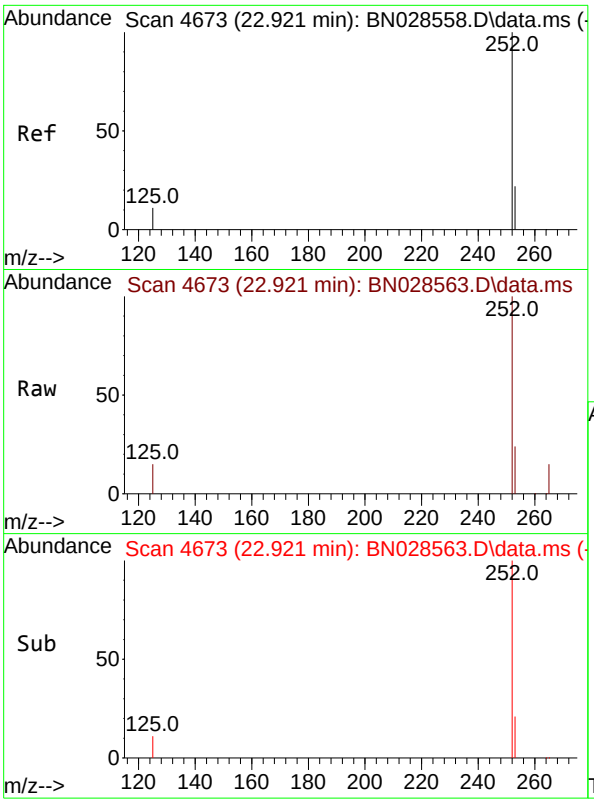


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:228 Resp: 40041

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.5	15.4	23.2



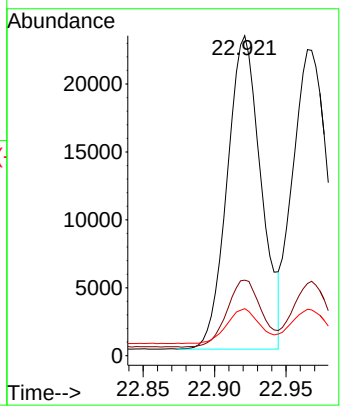


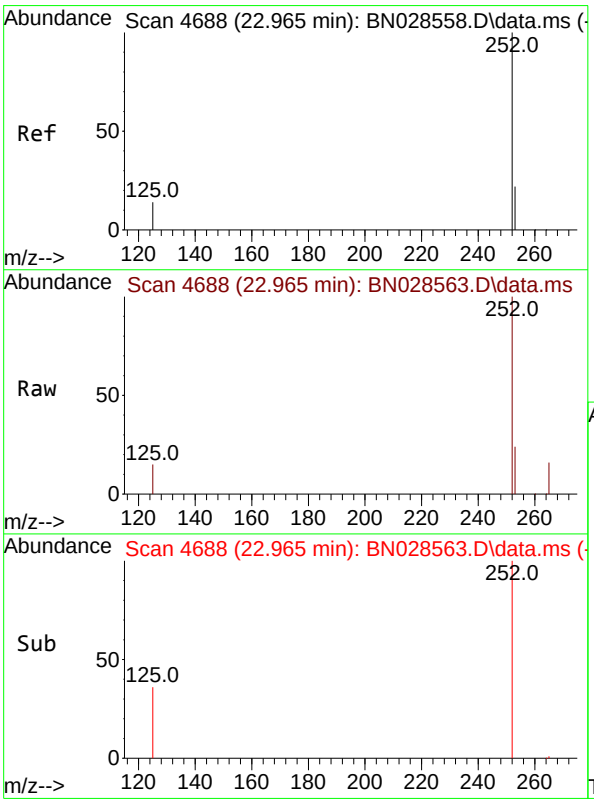
#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.921 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:252 Resp: 38080

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	46.6
125	14.7	0.0	27.6

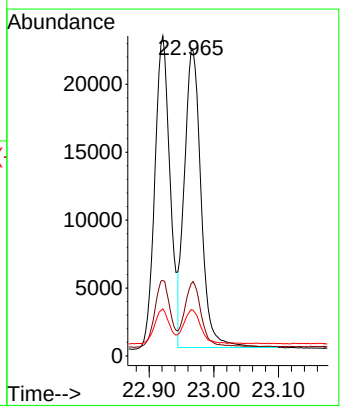


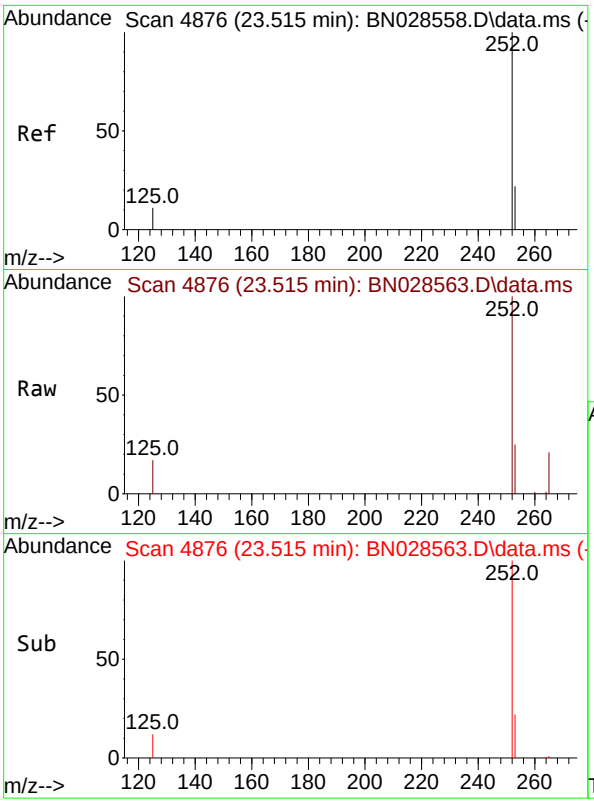


#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.010 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:252 Resp: 39342

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	15.1	12.7	19.1



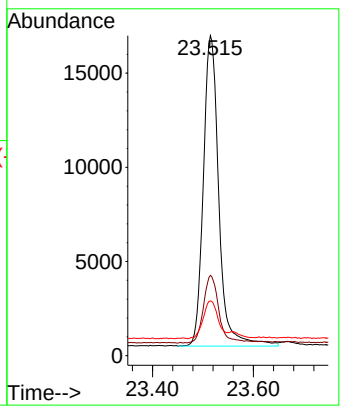


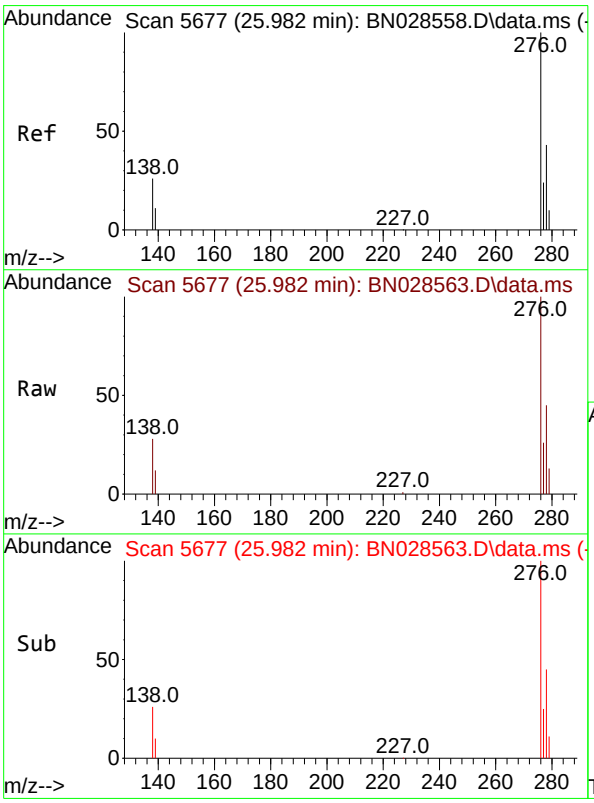
#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.515 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:252 Resp: 35232

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.6
125	17.1	13.2	19.8

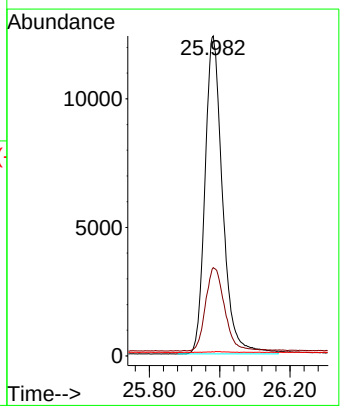


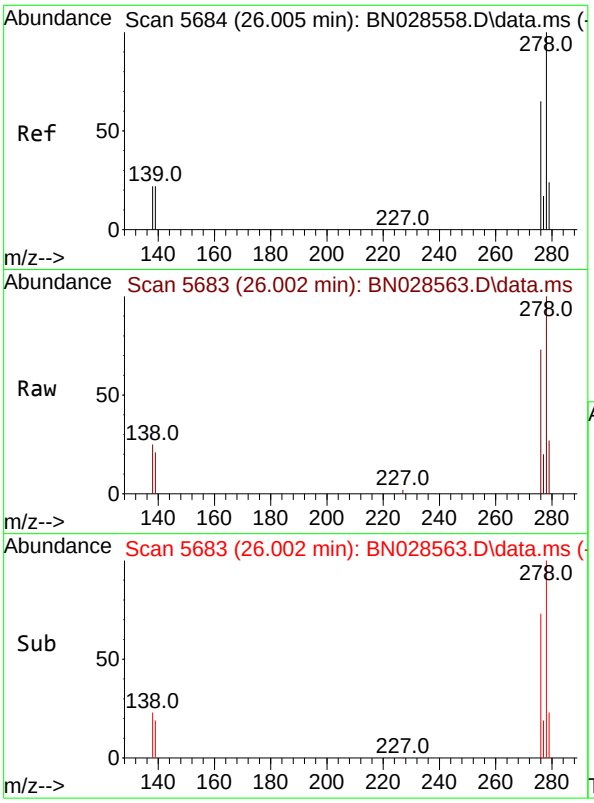


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.982 min Scan# 5677
Delta R.T. -0.012 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:276 Resp: 42941

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.8	35.6
227	0.2	0.1	0.1#



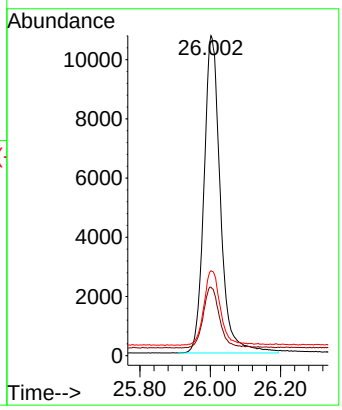


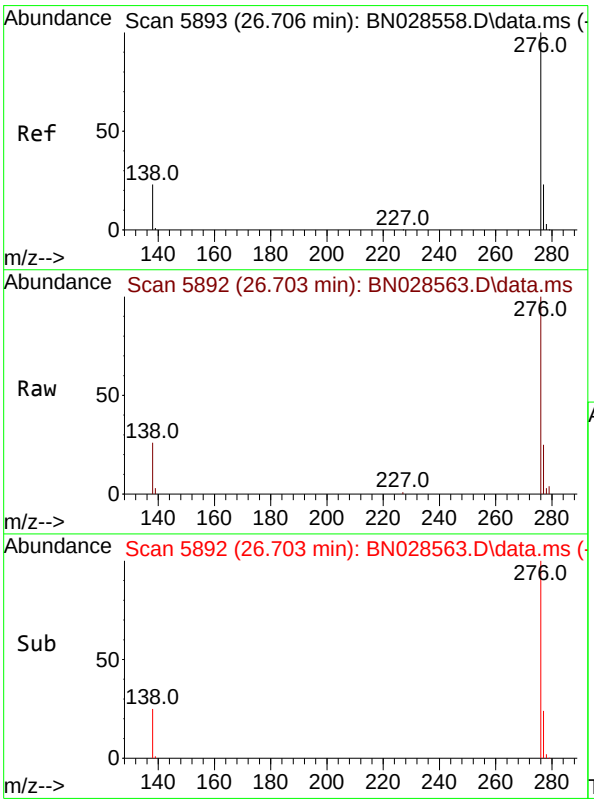
#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.002 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:278 Resp: 34767

Ion	Ratio	Lower	Upper
278	100		
139	21.4	18.2	27.4
279	26.6	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 26.703 min Scan# 5892
Delta R.T. -0.015 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:276 Resp: 35654

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.5	30.7
277	24.9	19.4	29.0