Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023181.D
Acq On : 14 Dec 2022 01:39
Operator : CG/JU
Sample : PB149489BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS489

Quant Time: Dec 14 03:28:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	19645	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	11372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	25970	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	24493	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	19527	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	4218	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	9192	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	21970	0.243	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	11283	1.411	ng/ul	94
5) Naphthalene	10.881	128	17853	0.299	ng/ul	100
7) 2-Methylnaphthalene	12.493	142	11344	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.712	142	12232	0.323	ng/ul	100
10) Acenaphthylene	14.382	152	14774	0.263	ng/ul	99
11) Acenaphthene	14.724	153	13094	0.295	ng/ul	99
12) Fluorene	15.705	166	15175	0.302	ng/ul	99
14) Pentachlorophenol	17.052	266	3572	0.658	ng/ul#	100
15) Phenanthrene	17.445	178	26920	0.302	ng/ul	100
16) Anthracene	17.538	178	21742	0.284	ng/ul	100
19) Fluoranthene	19.462	202	31611	0.250	ng/ul	99
20) Pyrene	19.825	202	31806	0.257	ng/ul	99
21) Benzo(a)anthracene	21.571	228	30377	0.324	ng/ul	100
22) Chrysene	21.623	228	33689	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	33329	0.337	ng/ul	98
25) Benzo(k)fluoranthene	23.336	252	32603	0.312	ng/ul	99
26) Benzo(a)pyrene	23.930	252	27137	0.360	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.609	276	34644	0.387	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.629	278	27298	0.384	ng/ul	98
29) Benzo(g,h,i)perylene	27.397	276	28176	0.361	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
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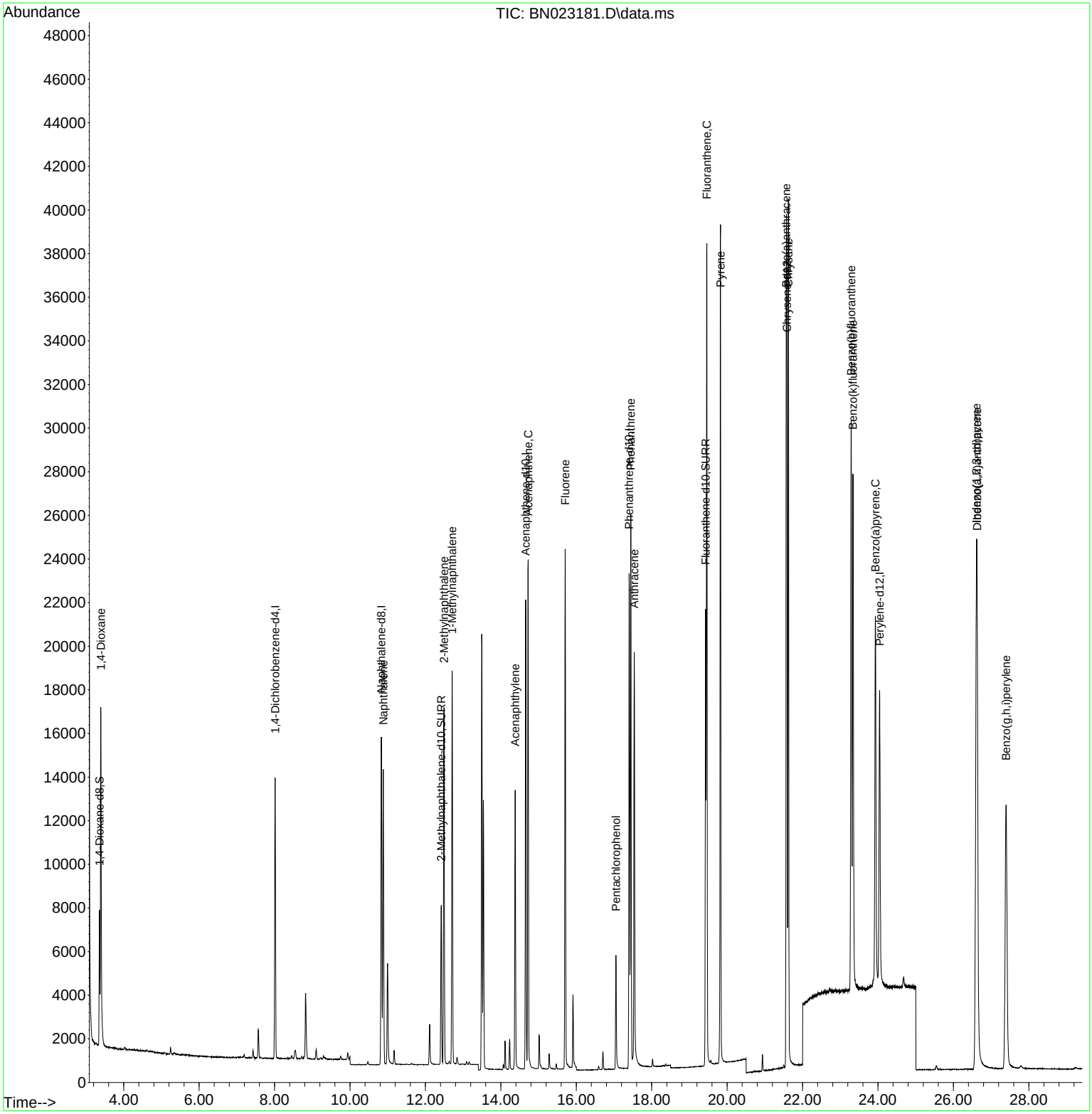
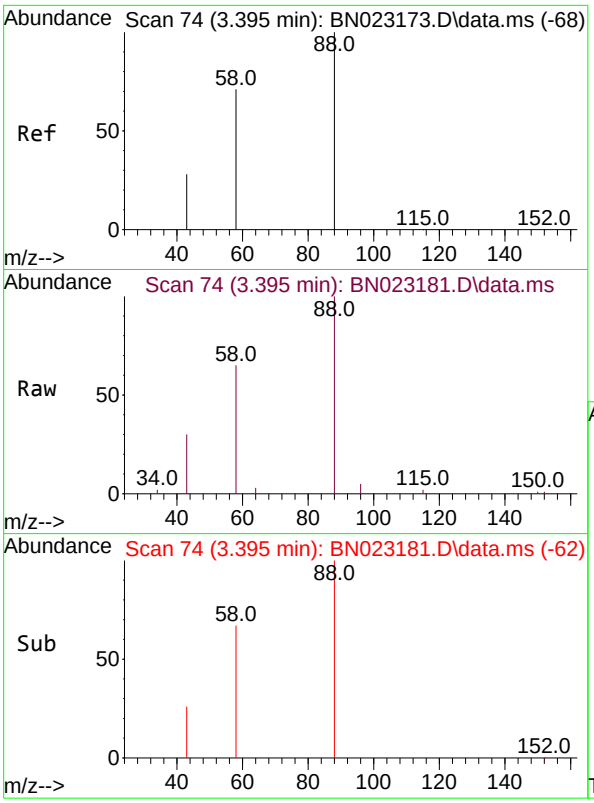


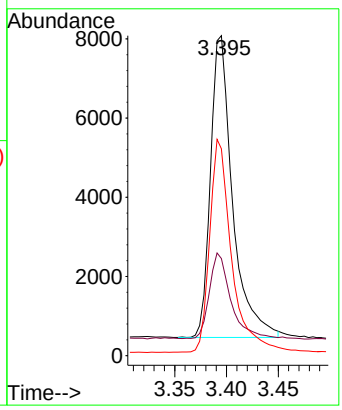


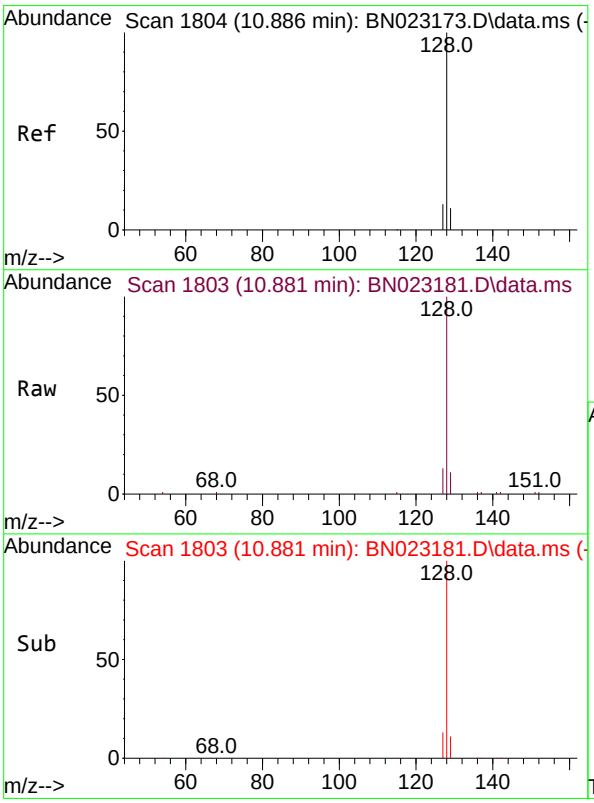
#2
1,4-Dioxane
Concen: 1.411 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion: 88 Resp: 11283

Ion	Ratio	Lower	Upper
88	100		
43	30.3	26.2	39.4
58	64.6	47.6	71.4

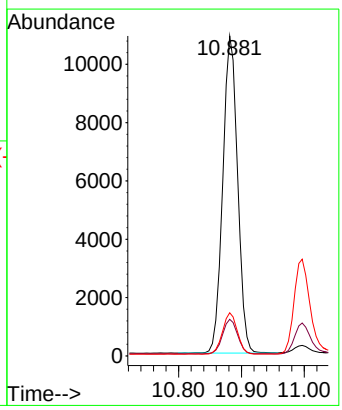


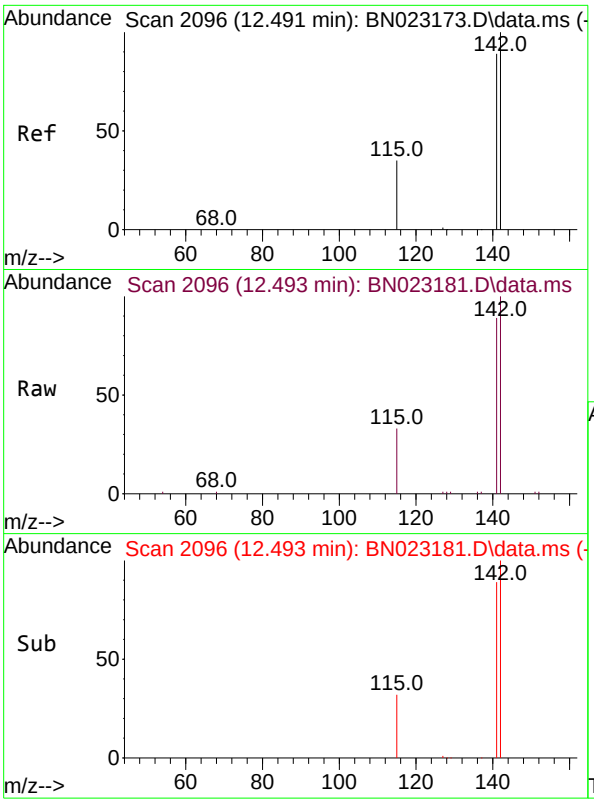


#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:128 Resp: 17853

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	10.6	16.0



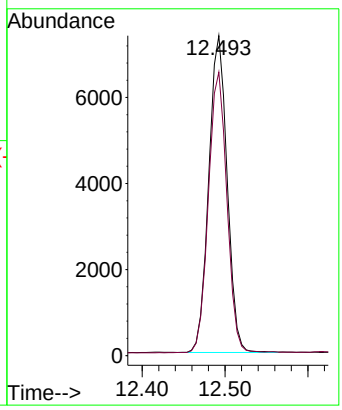


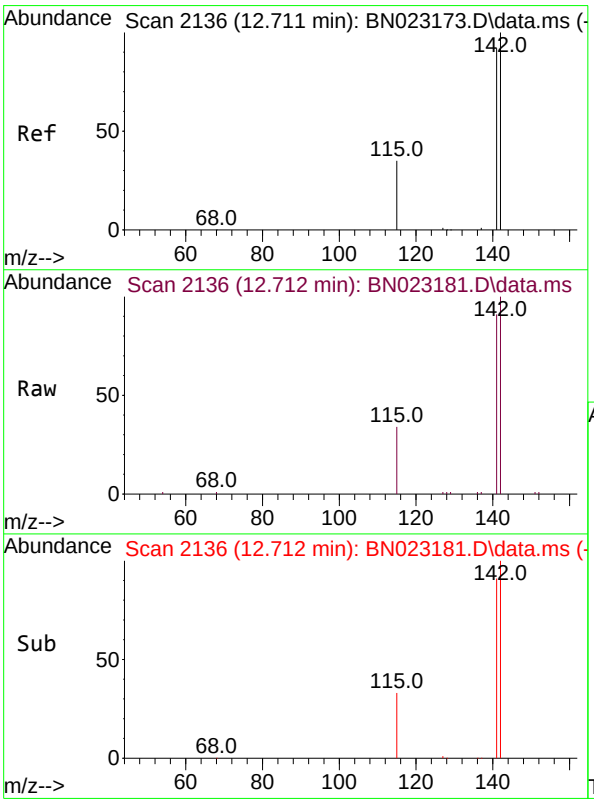
#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.493 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:142 Resp: 11344

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4

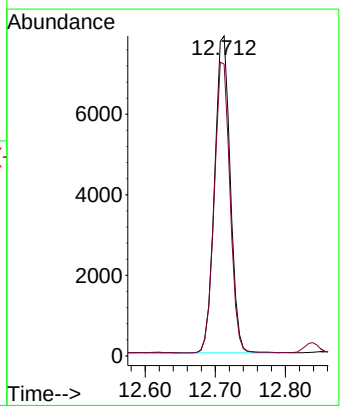


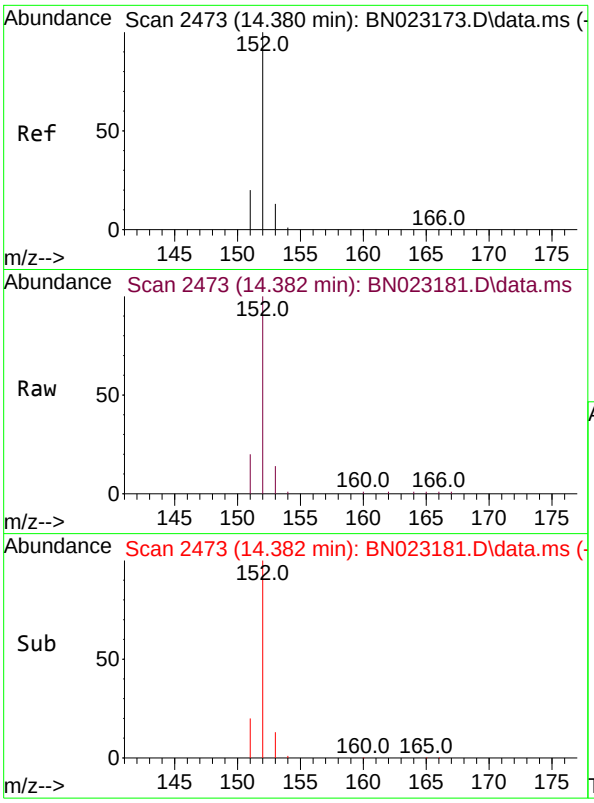


#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.712 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:142 Resp: 12232

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6



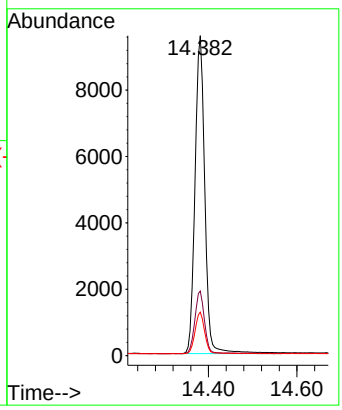


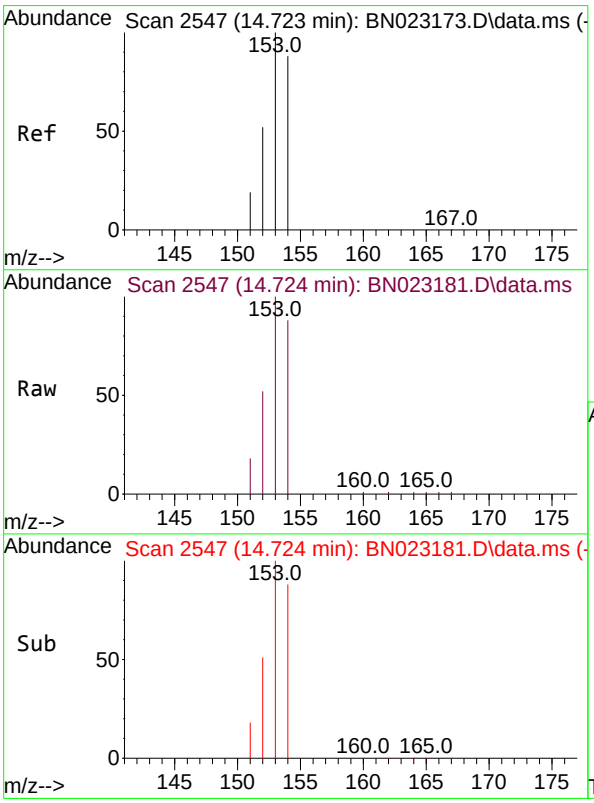
#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.382 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:152 Resp: 14774

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.6	10.5	15.7

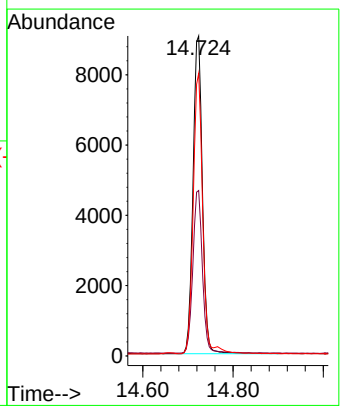


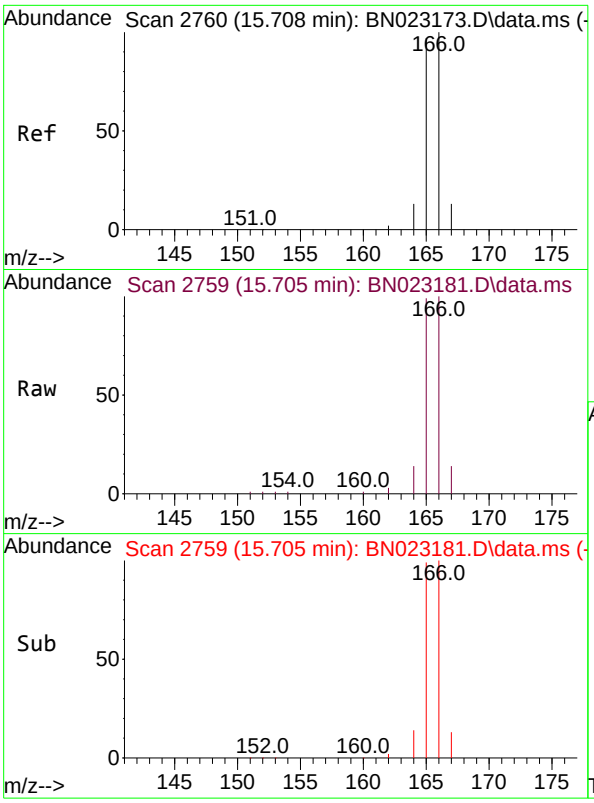


#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:153 Resp: 13094

Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.8	62.8
154	88.3	71.3	106.9



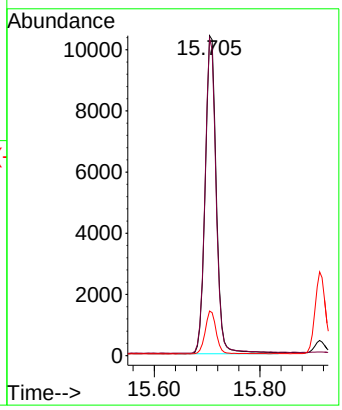


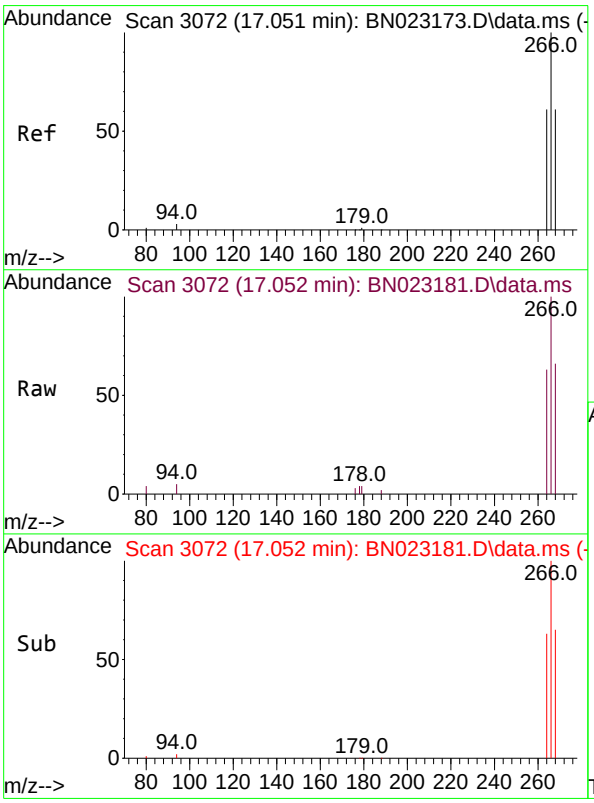
#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.705 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:166 Resp: 15175

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.7	118.1
167	13.9	10.8	16.2

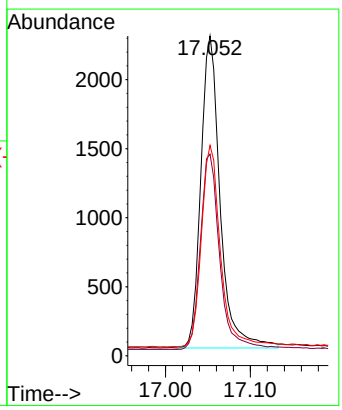


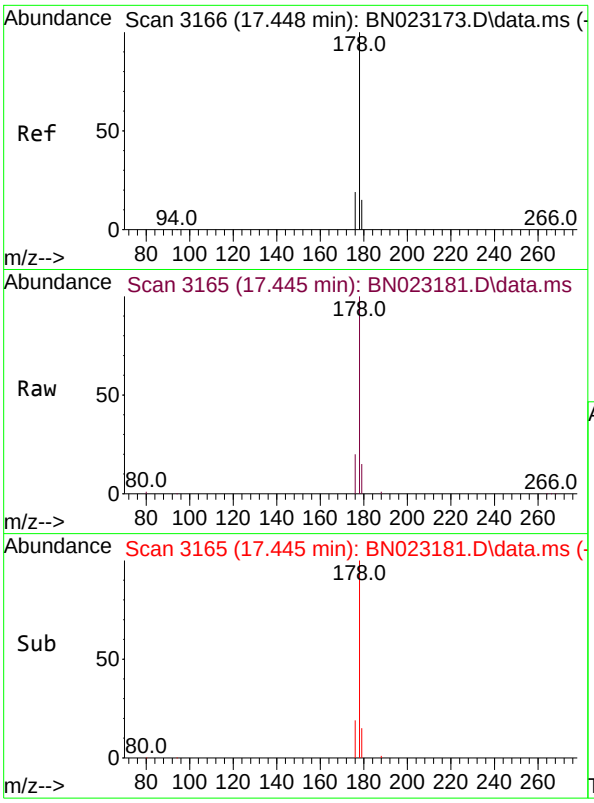


#14
Pentachlorophenol
Concen: 0.658 ng/ul
RT: 17.052 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:266 Resp: 3572

Ion	Ratio	Lower	Upper
266	100		
264	62.9	0.0	0.0#
268	64.2	0.0	0.0#



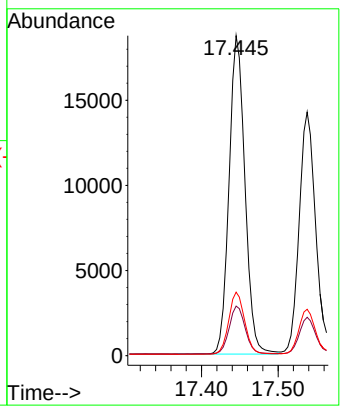


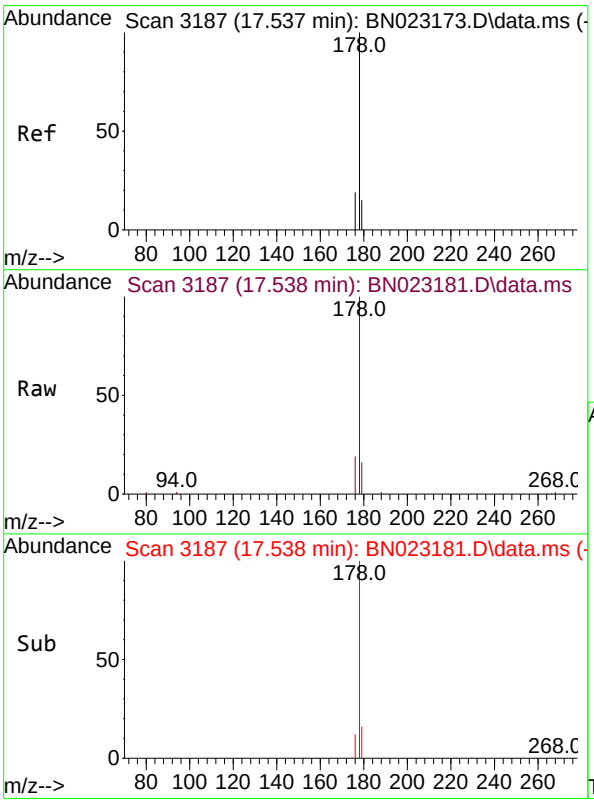
#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.445 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:178 Resp: 26920

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.8	15.9	23.9

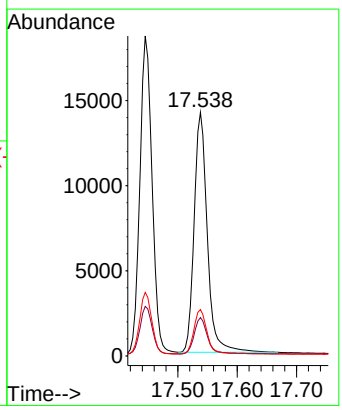


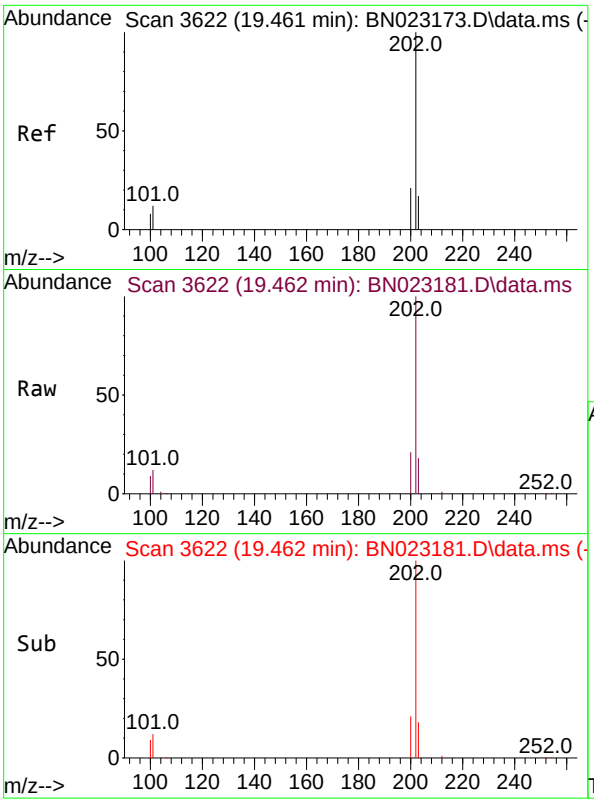


#16
Anthracene
Concen: 0.284 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:178 Resp: 21742

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.0	15.3	22.9



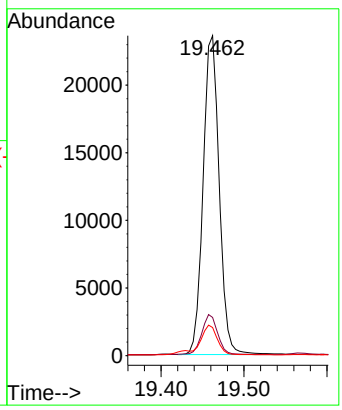


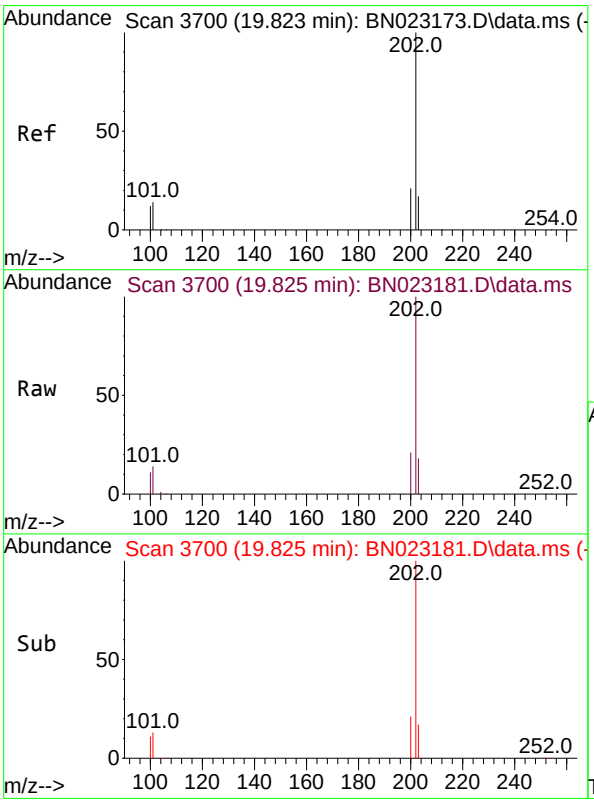
#19
Fluoranthene
Concen: 0.250 ng/ul
RT: 19.462 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:202 Resp: 31611

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	8.8	6.9	10.3

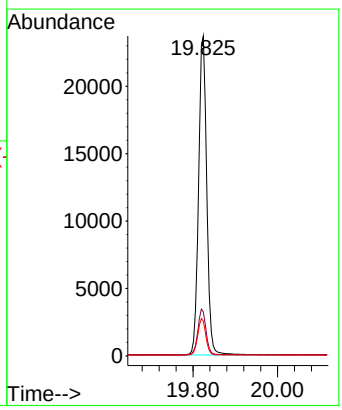


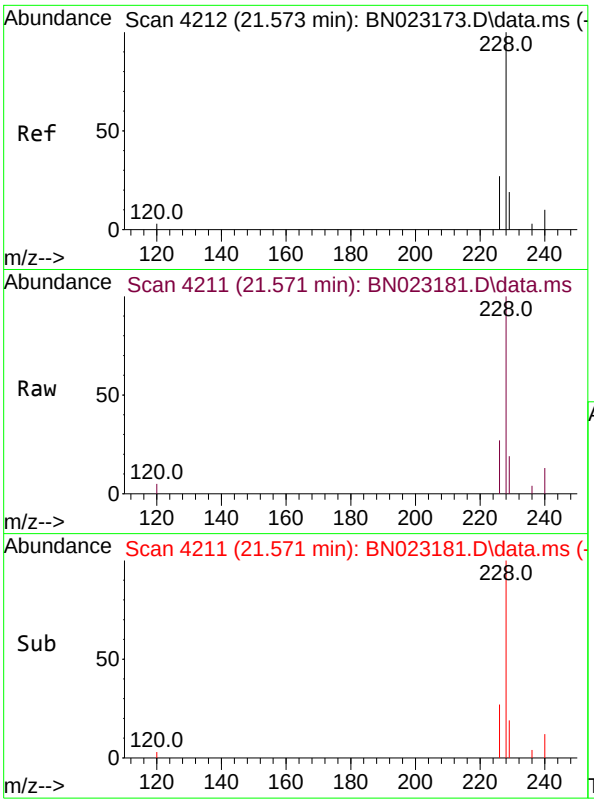


#20
Pyrene
Concen: 0.257 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:202 Resp: 31806

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	10.9	8.2	12.4



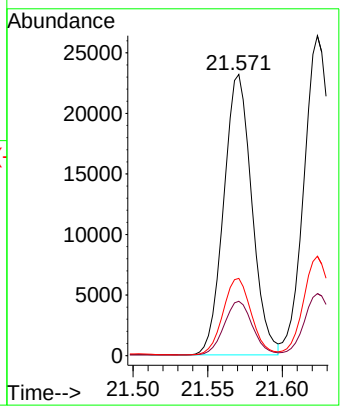


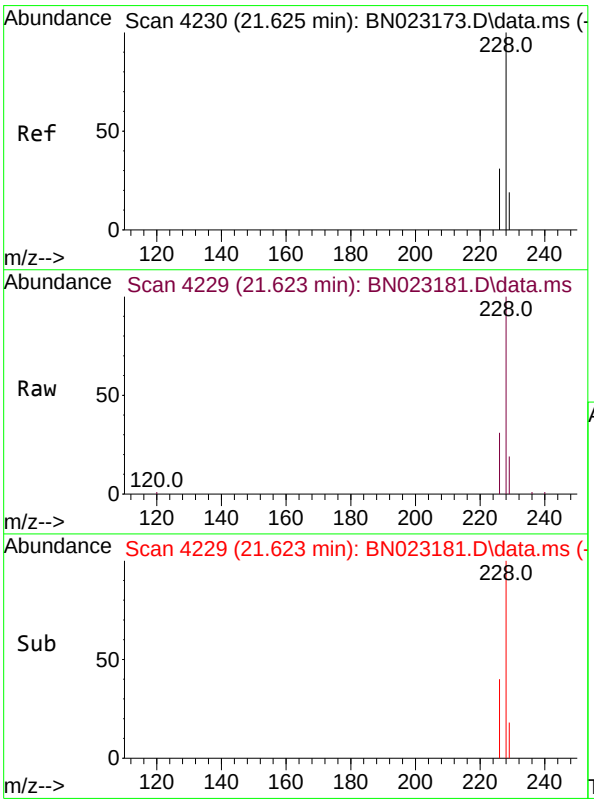
#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.571 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:228 Resp: 30377

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.5	23.3
226	27.4	22.2	33.4

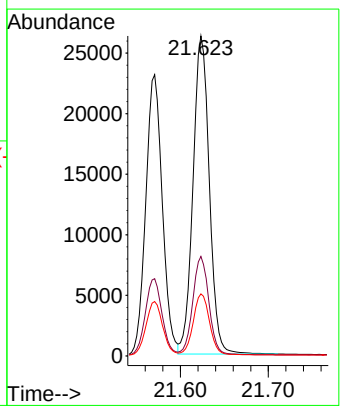


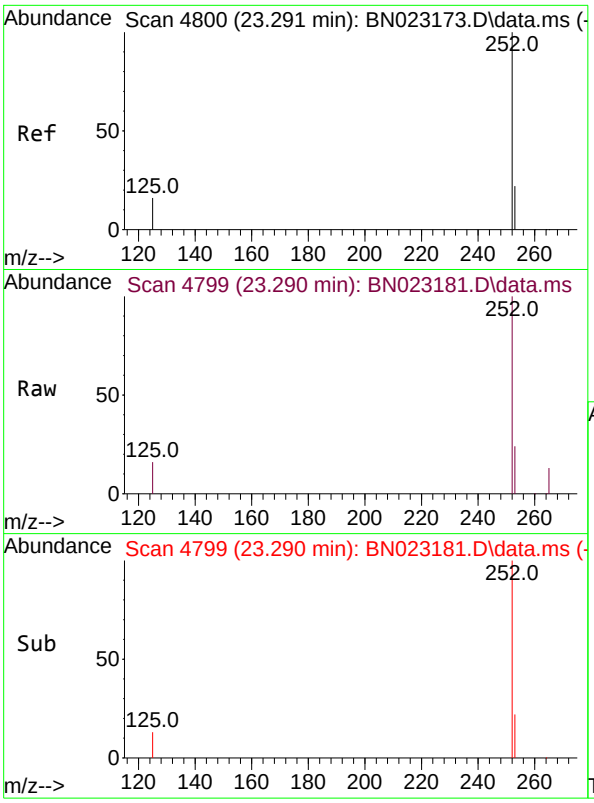


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.623 min Scan# 4229
Delta R.T. -0.004 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:228 Resp: 33689

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	19.4	15.8	23.8



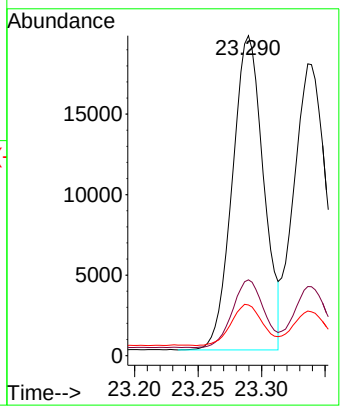


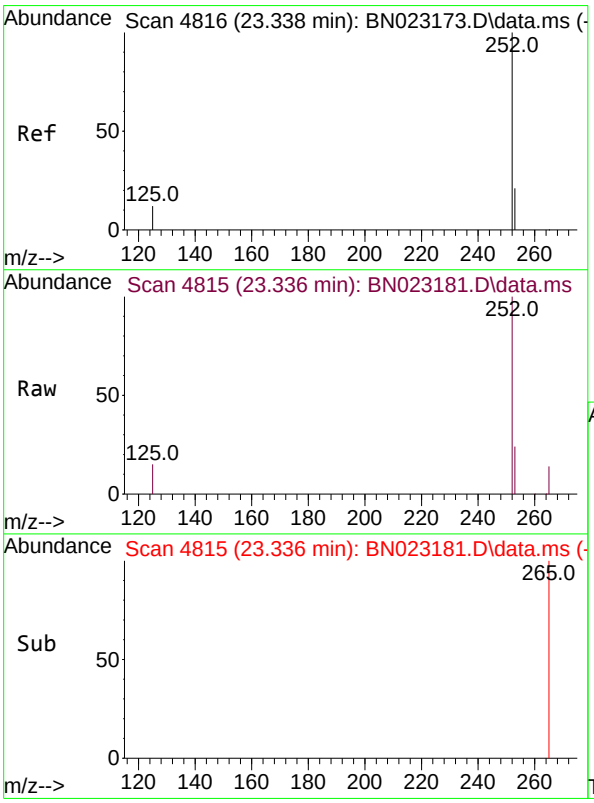
#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.290 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:252 Resp: 33329

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	46.0
125	15.8	0.0	28.6

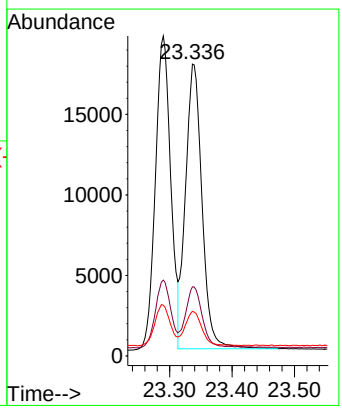


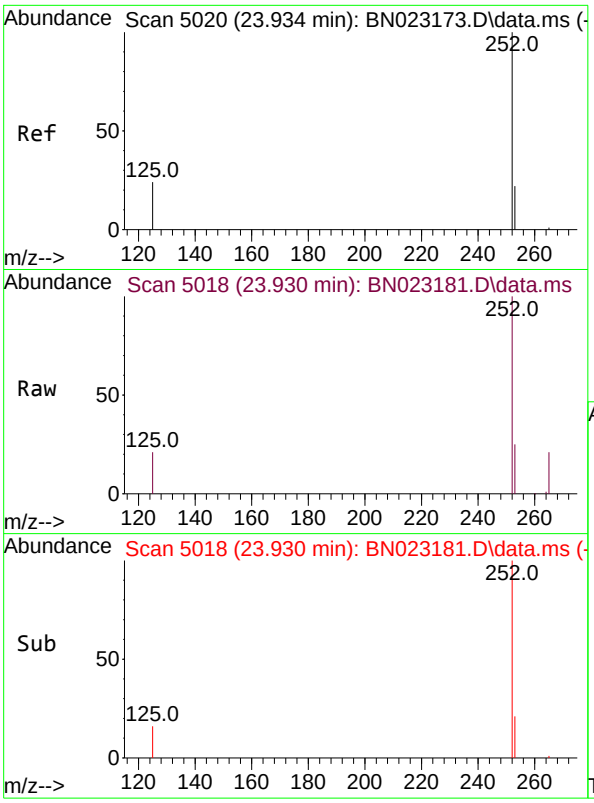


#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.336 min Scan# 4815
Delta R.T. -0.004 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:252 Resp: 32603

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	15.3	11.3	16.9



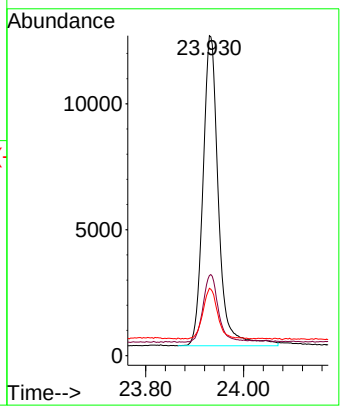


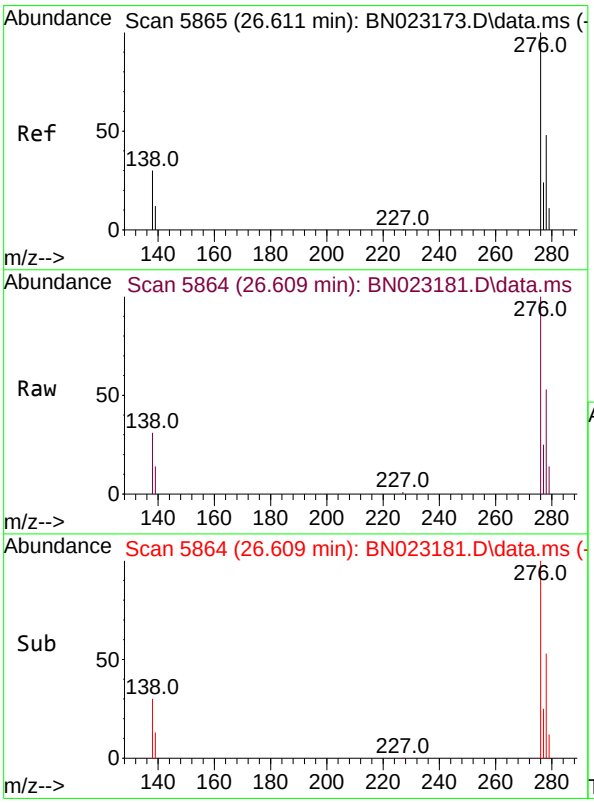
#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.930 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:252 Resp: 27137

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.7	29.5
125	21.0	13.7	20.5#

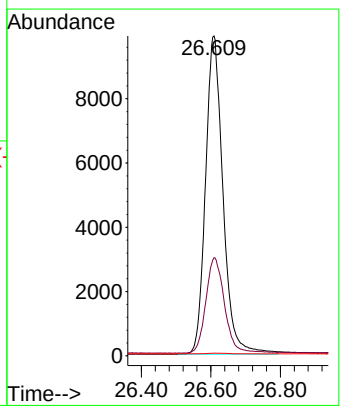


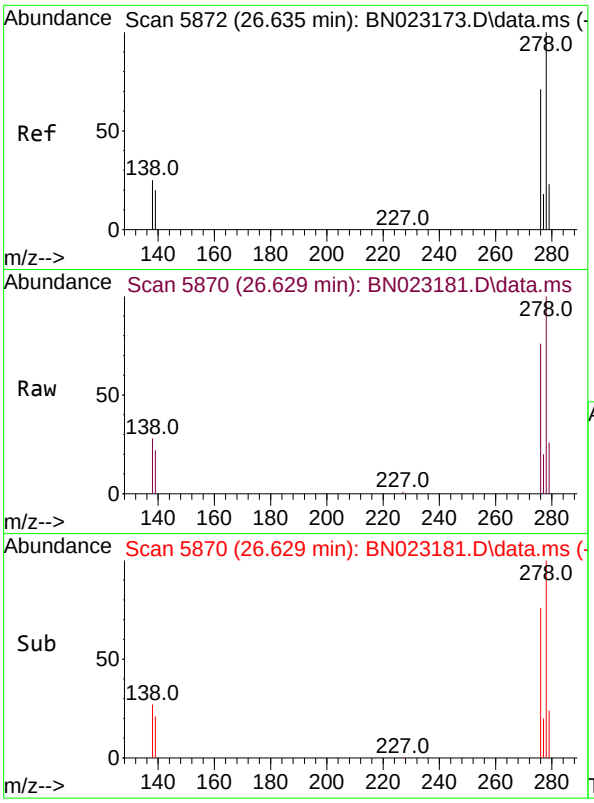


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.609 min Scan# 5864
Delta R.T. -0.002 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:276 Resp: 34644

Ion	Ratio	Lower	Upper
276	100		
138	32.1	0.0	0.0#
227	0.2	0.0	0.0#



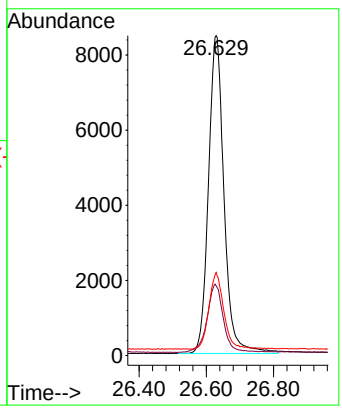


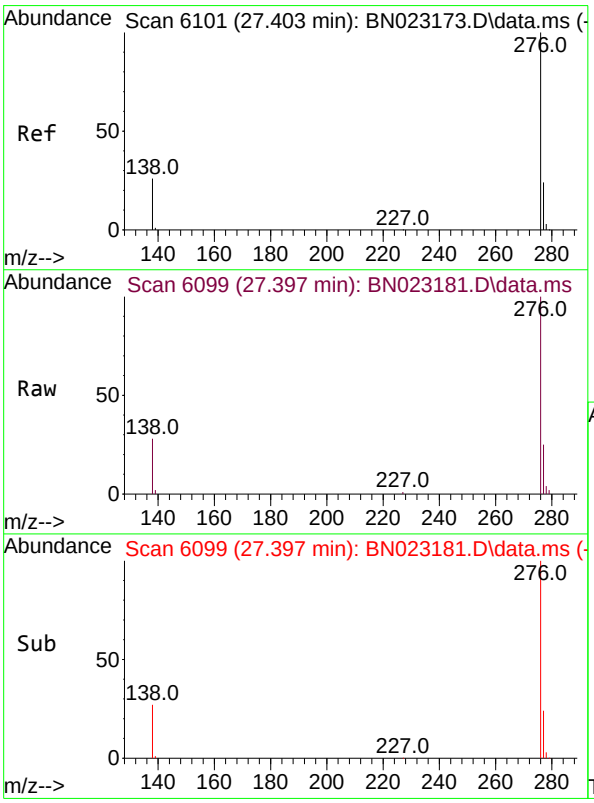
#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.629 min Scan# 58
Delta R.T. -0.002 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:278 Resp: 27298

Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.3	27.5
279	26.0	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 27.397 min Scan# 6099
Delta R.T. -0.005 min
Lab File: BN023181.D
Acq: 14 Dec 2022 01:39

Tgt Ion:276 Resp: 28176

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.1	33.1
277	24.6	19.4	29.2