Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023176.D
Acq On : 13 Dec 2022 22:36
Operator : CG/JU
Sample : PB149495BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS496

Quant Time: Dec 14 00:00:25 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	5513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	17209	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	10088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	22863	0.400	ng/ul	0.00
17) Chrysene-d12	21.587	240	21420	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	18148	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3224	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	7460	0.284	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	19182	0.242	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	8458	1.226	ng/ul	96
5) Naphthalene	10.881	128	13944	0.267	ng/ul	99
7) 2-Methylnaphthalene	12.493	142	8932	0.274	ng/ul	99
8) 1-Methylnaphthalene	12.713	142	9643	0.290	ng/ul	100
10) Acenaphthylene	14.382	152	11916	0.240	ng/ul	99
11) Acenaphthene	14.724	153	10509	0.267	ng/ul	99
12) Fluorene	15.709	166	12413	0.278	ng/ul	99
14) Pentachlorophenol	17.052	266	3250	0.680	ng/ul#	100
15) Phenanthrene	17.449	178	22587	0.288	ng/ul	100
16) Anthracene	17.538	178	18186	0.270	ng/ul	99
19) Fluoranthene	19.462	202	26634	0.241	ng/ul	100
20) Pyrene	19.825	202	26944	0.249	ng/ul	99
21) Benzo(a)anthracene	21.569	228	25595	0.313	ng/ul	100
22) Chrysene	21.625	228	28193	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.288	252	29618	0.322	ng/ul	95
25) Benzo(k)fluoranthene	23.338	252	28305	0.291	ng/ul	97
26) Benzo(a)pyrene	23.931	252	24586	0.351	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.607	276	32598	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.631	278	25552	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	27.402	276	25834	0.356	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
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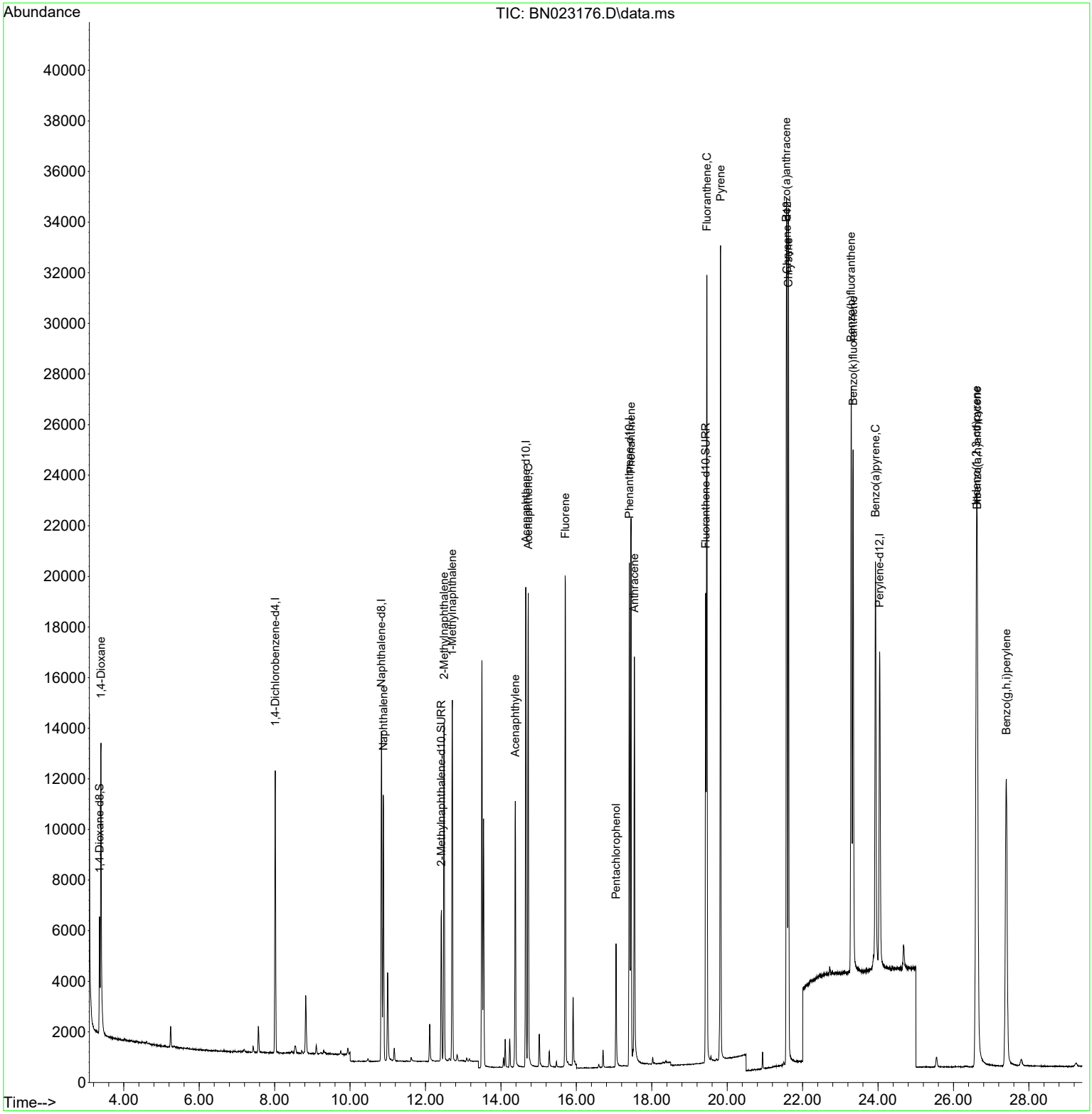
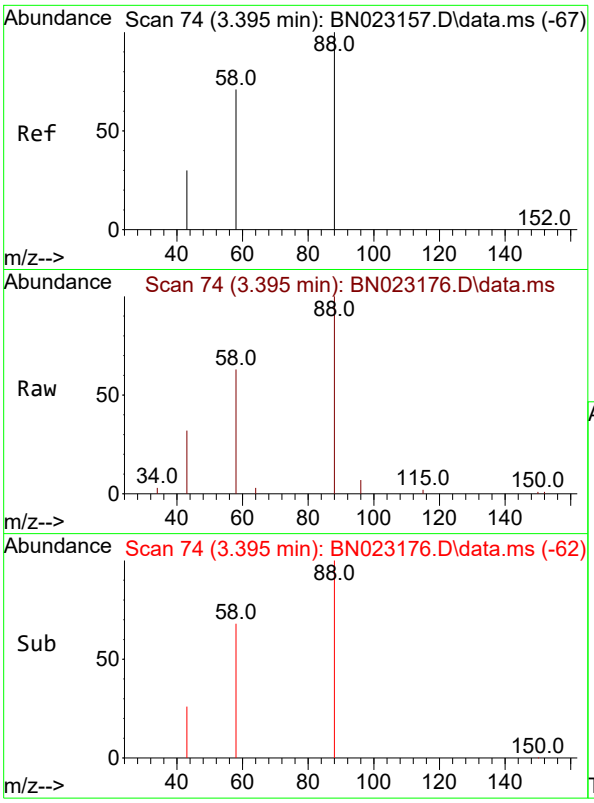
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration



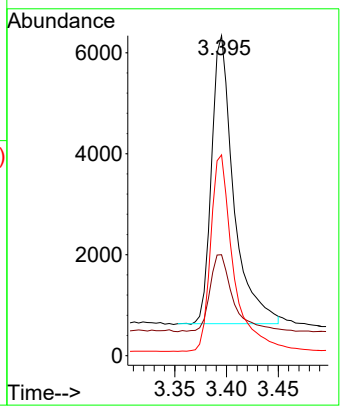


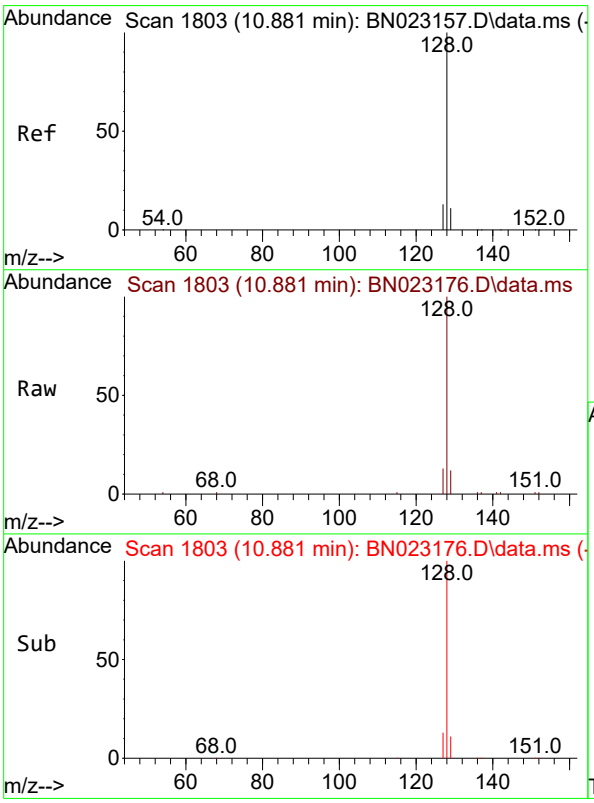
#2
1,4-Dioxane
Concen: 1.226 ng/ul
RT: 3.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion: 88 Resp: 8458

Ion	Ratio	Lower	Upper
88	100		
43	31.6	26.2	39.4
58	62.7	47.6	71.4

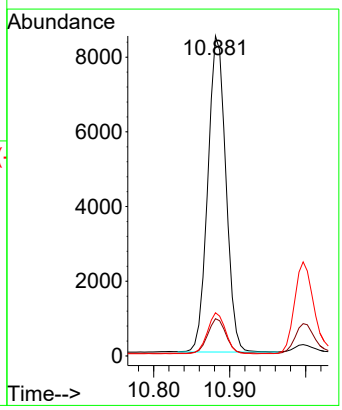


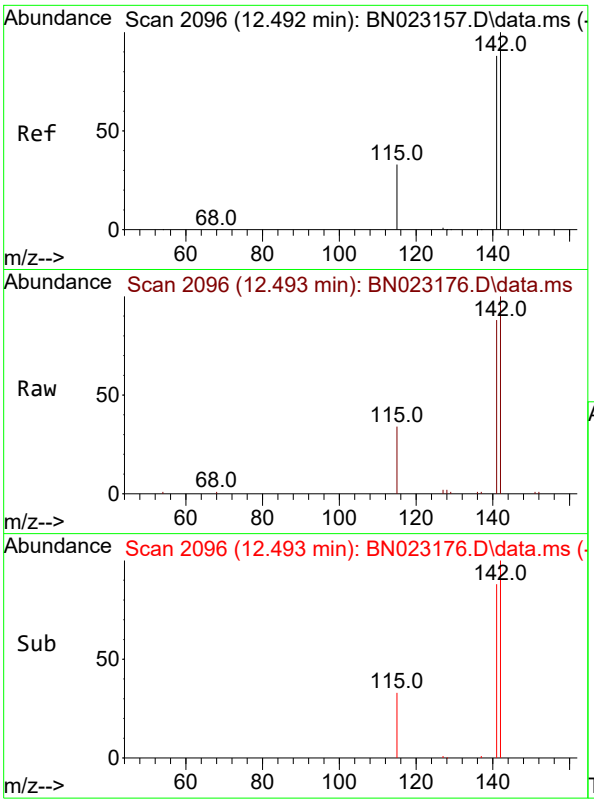


#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:128 Resp: 13944

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.5	10.6	16.0



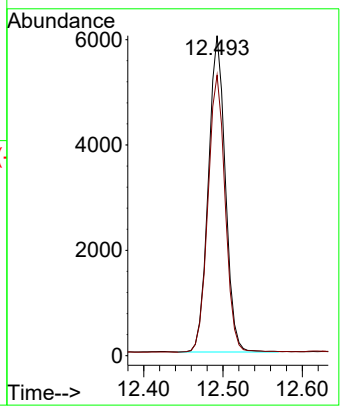


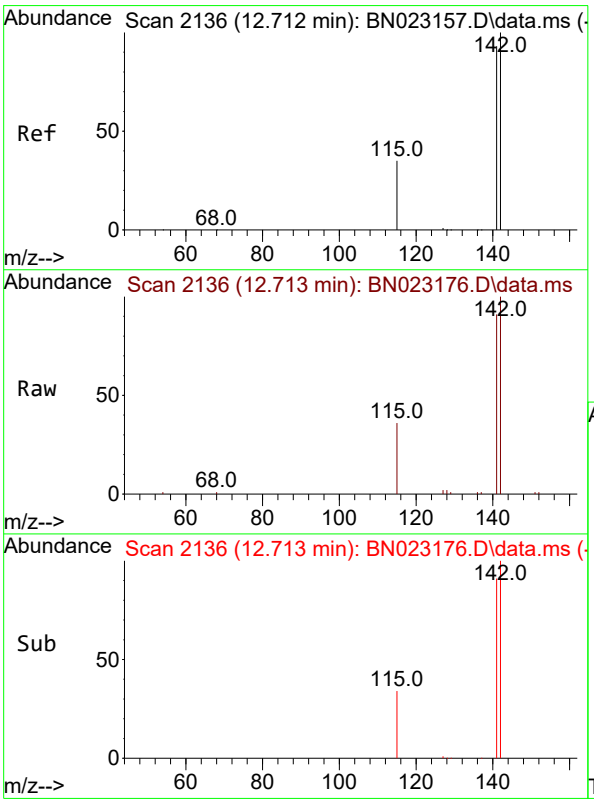
#7
2-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.493 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:142 Resp: 8932

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4

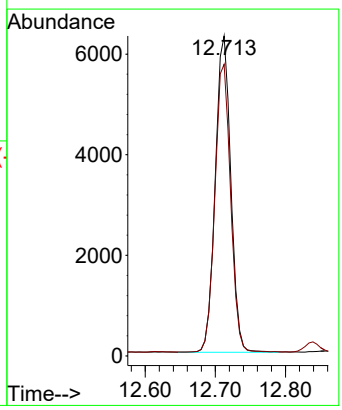


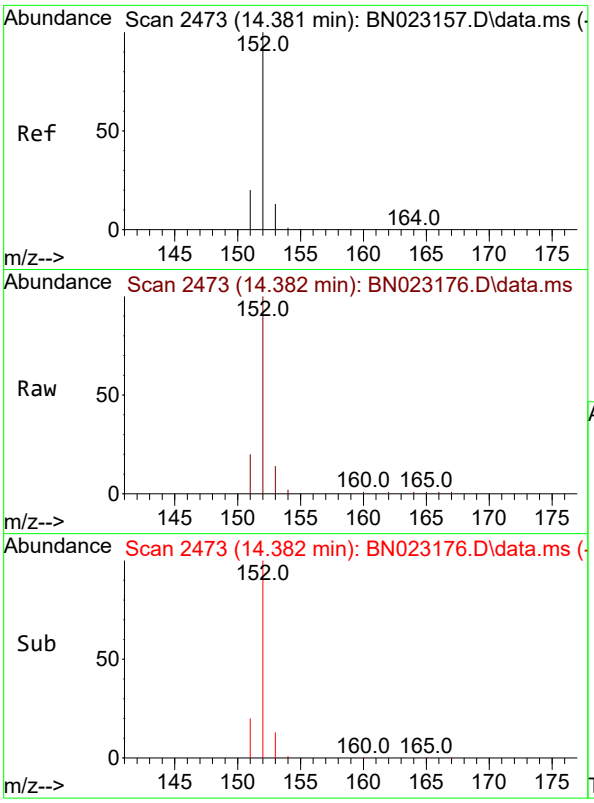


#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:142 Resp: 9643

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6



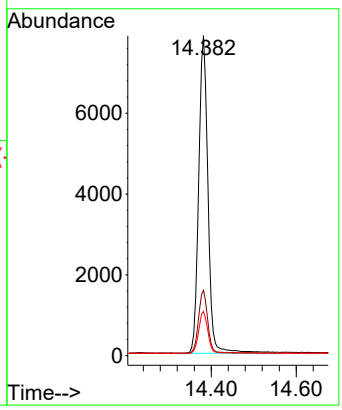


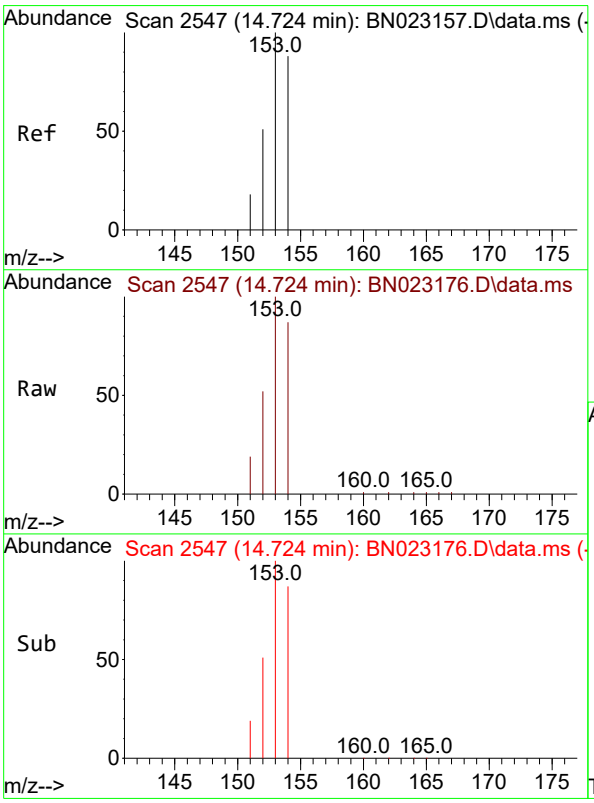
#10
Acenaphthylene
Concen: 0.240 ng/ul
RT: 14.382 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:152 Resp: 11916

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.8	10.5	15.7

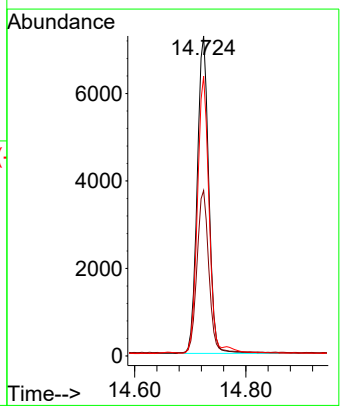


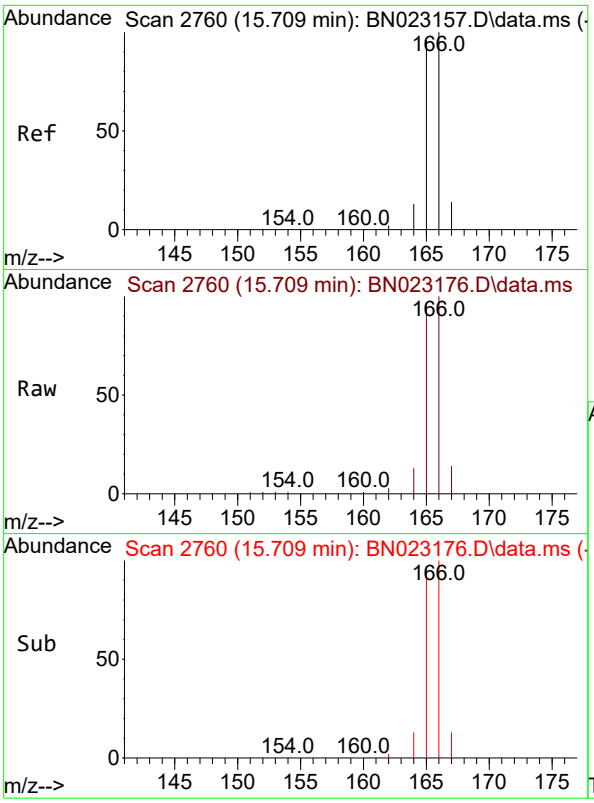


#11
Acenaphthene
Concen: 0.267 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:153 Resp: 10509

Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.8	62.8
154	87.4	71.3	106.9



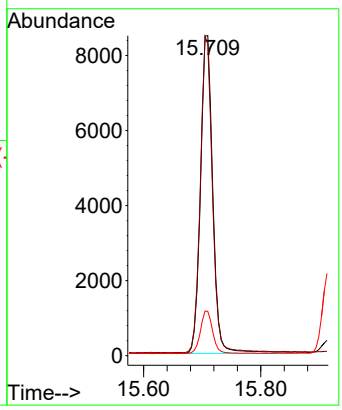


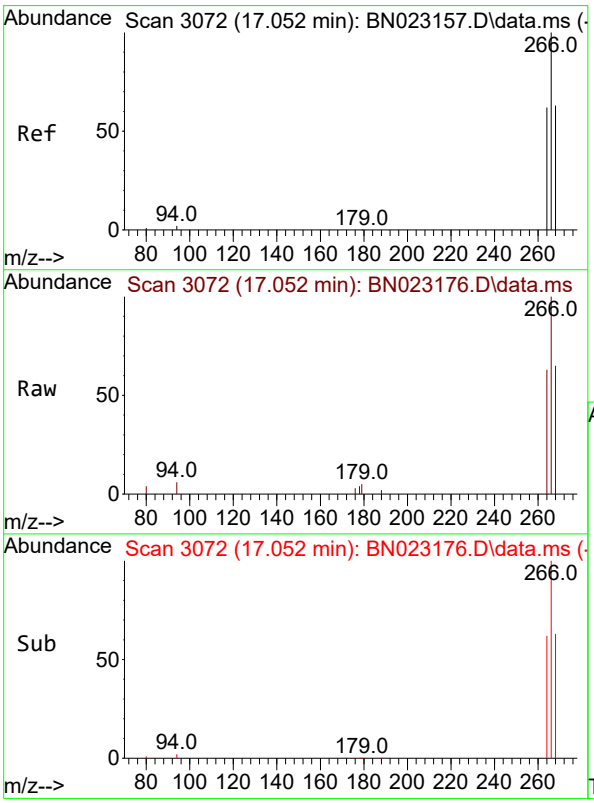
#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:166 Resp: 12413

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.7	118.1
167	13.9	10.8	16.2

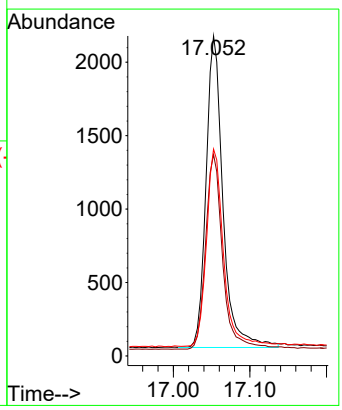


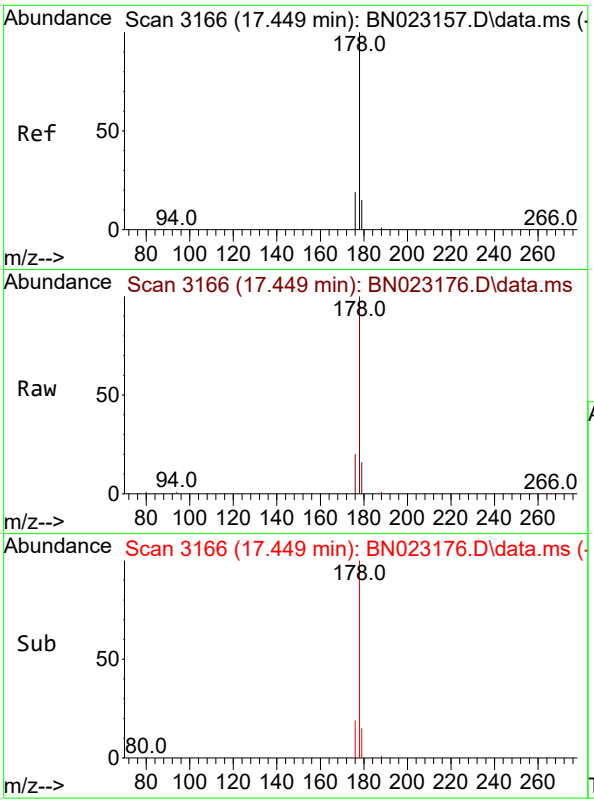


#14
Pentachlorophenol
Concen: 0.680 ng/ul
RT: 17.052 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:266 Resp: 3250

Ion	Ratio	Lower	Upper
266	100		
264	63.2	0.0	0.0#
268	63.8	0.0	0.0#



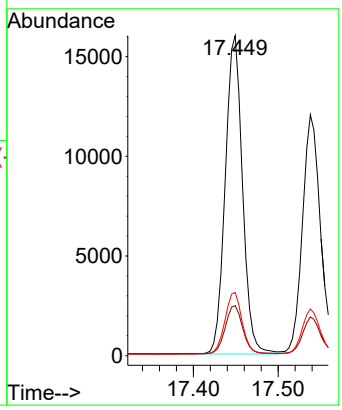


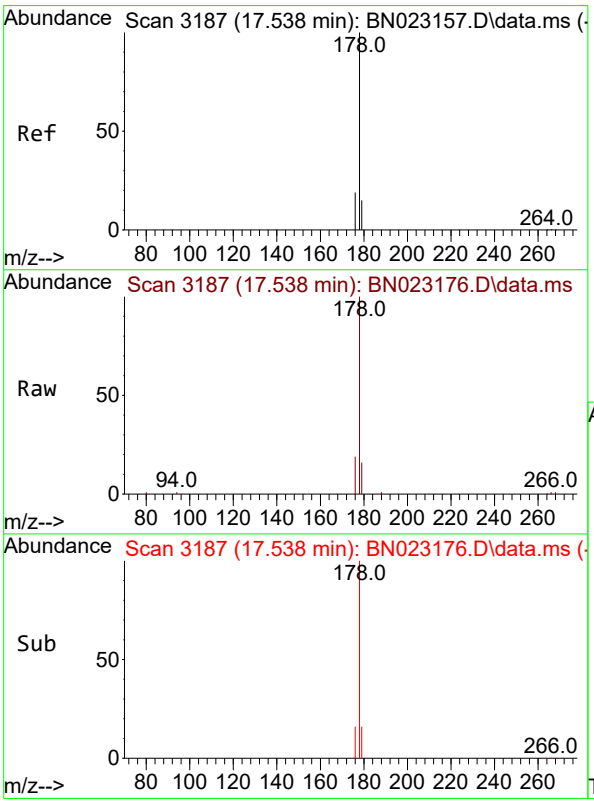
#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.449 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:178 Resp: 22587

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.7	15.9	23.9

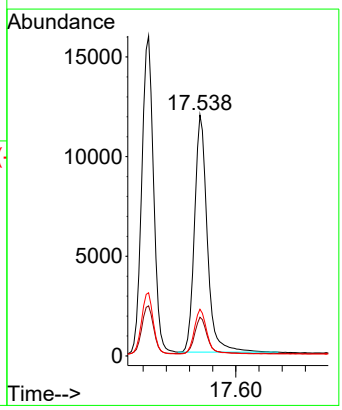


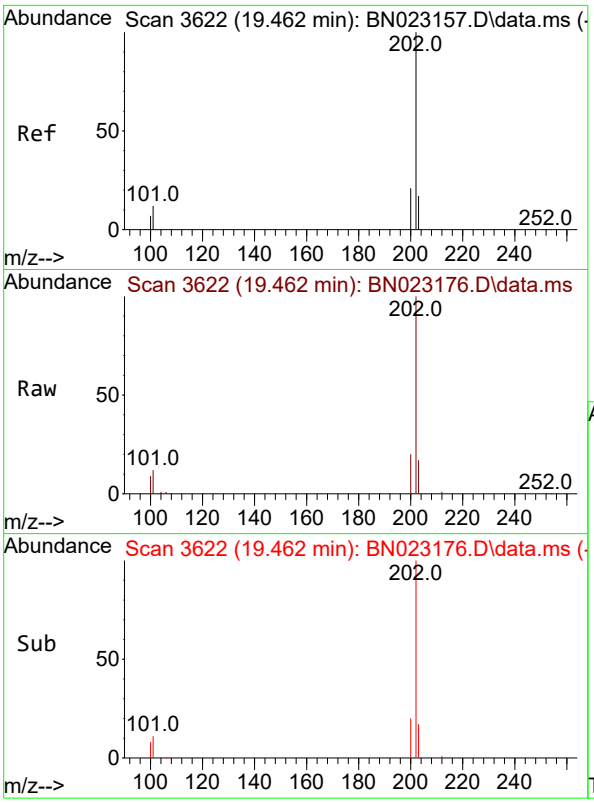


#16
Anthracene
Concen: 0.270 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:178 Resp: 18186

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.4	15.3	22.9



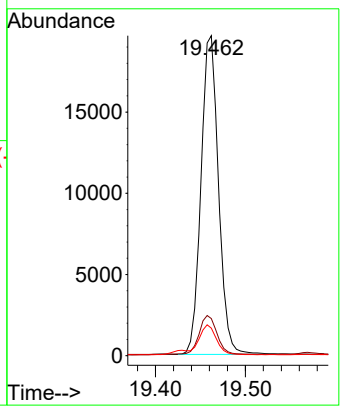


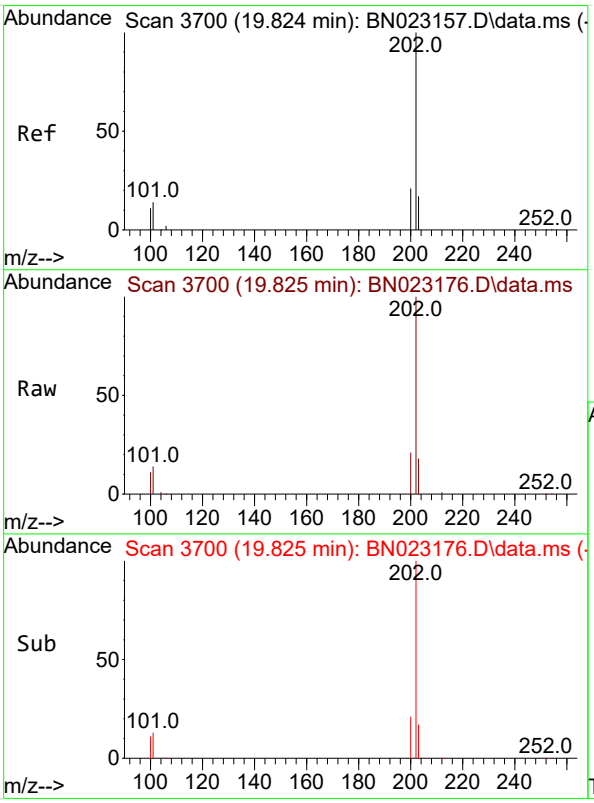
#19
Fluoranthene
Concen: 0.241 ng/ul
RT: 19.462 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:202 Resp: 26634

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	8.6	6.9	10.3

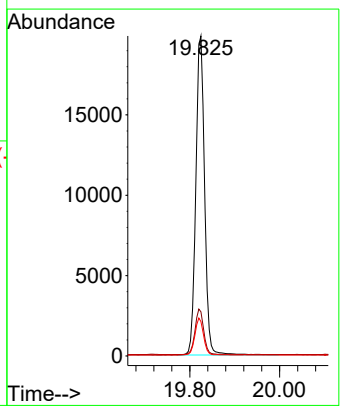


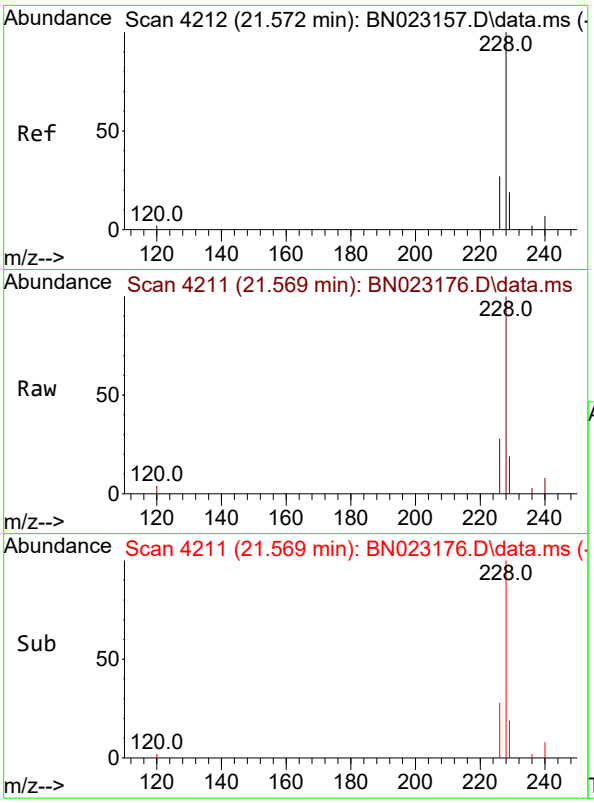


#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:202 Resp: 26944

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	10.8	8.2	12.4



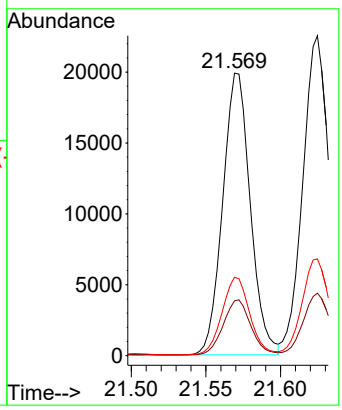


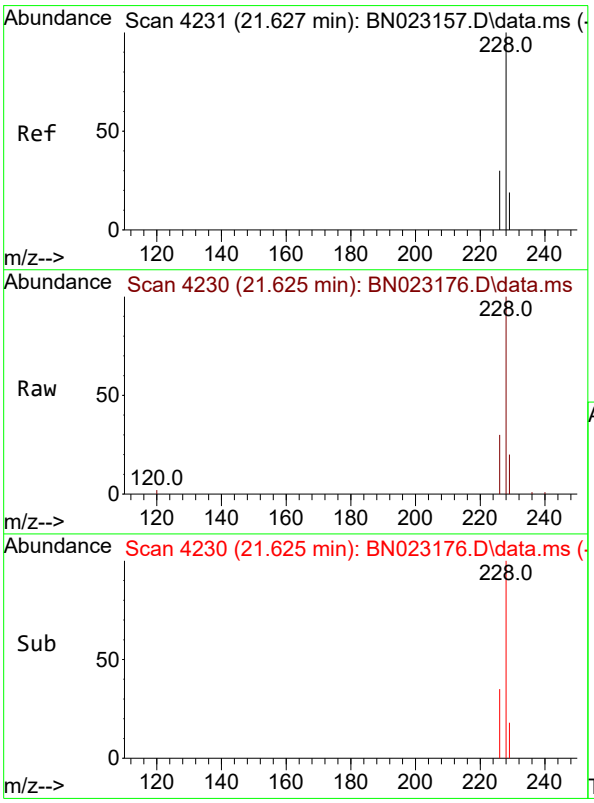
#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.569 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:228 Resp: 25595

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	27.8	22.2	33.4

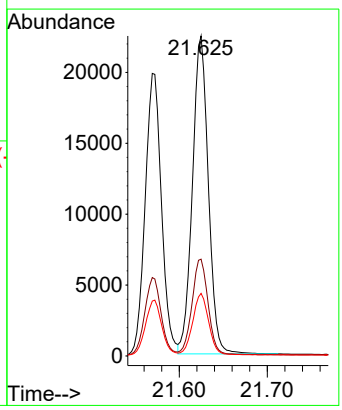


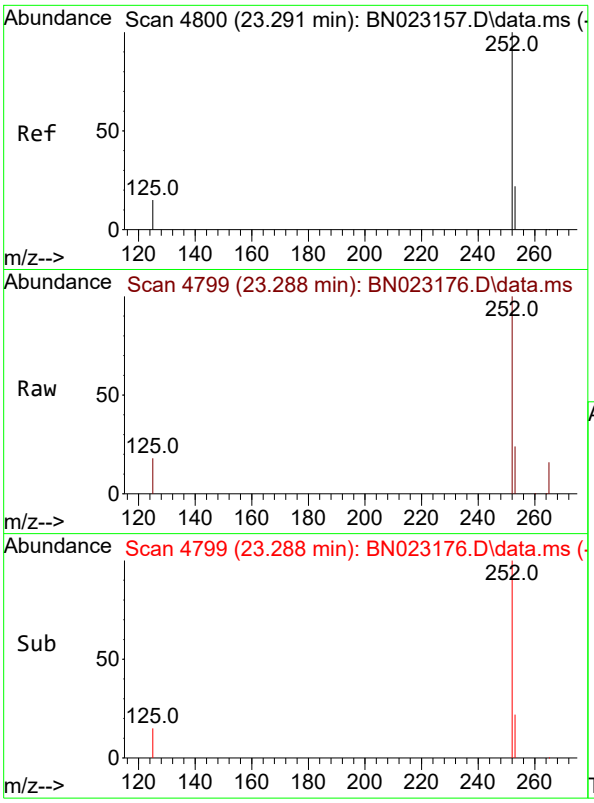


#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:228 Resp: 28193

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.5	15.8	23.8



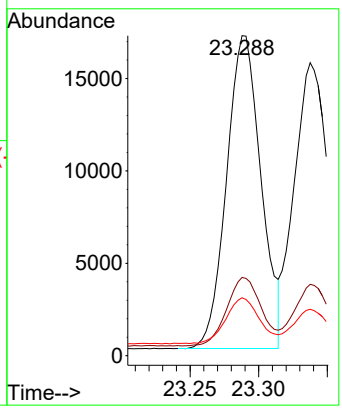


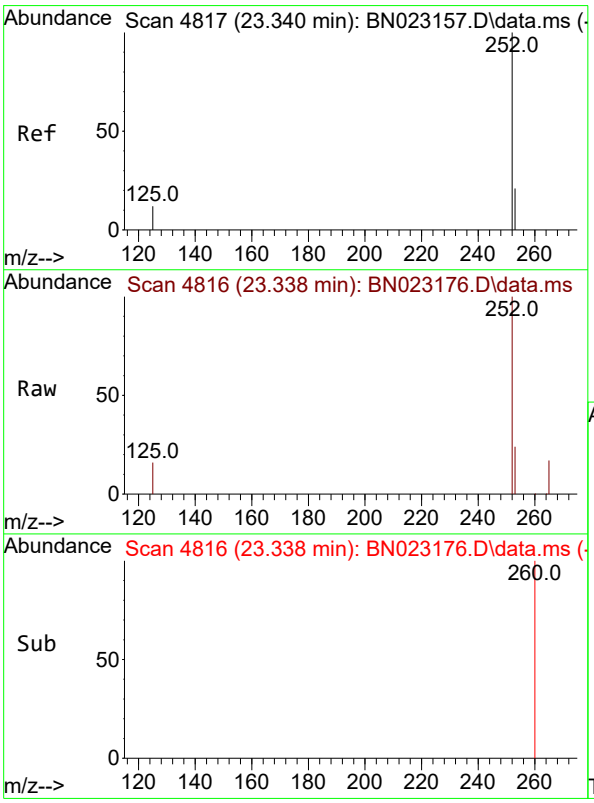
#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.288 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:252 Resp: 29618

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	46.0
125	18.1	0.0	28.6

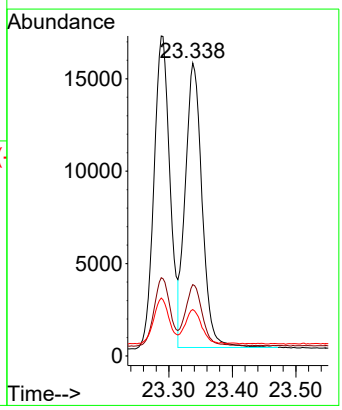


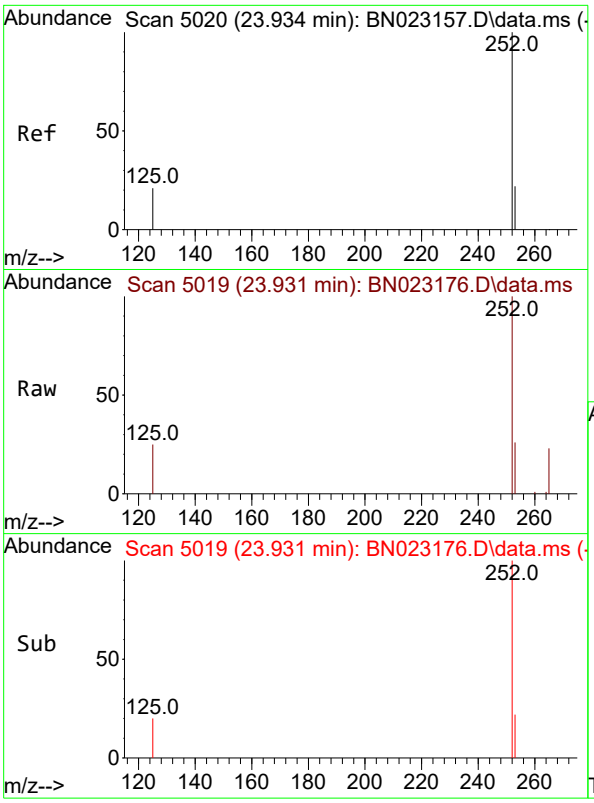


#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul
RT: 23.338 min Scan# 4816
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:252 Resp: 28305

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	15.8	11.3	16.9



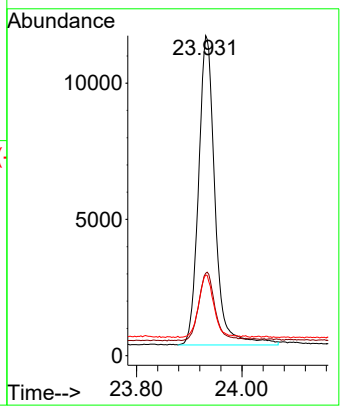


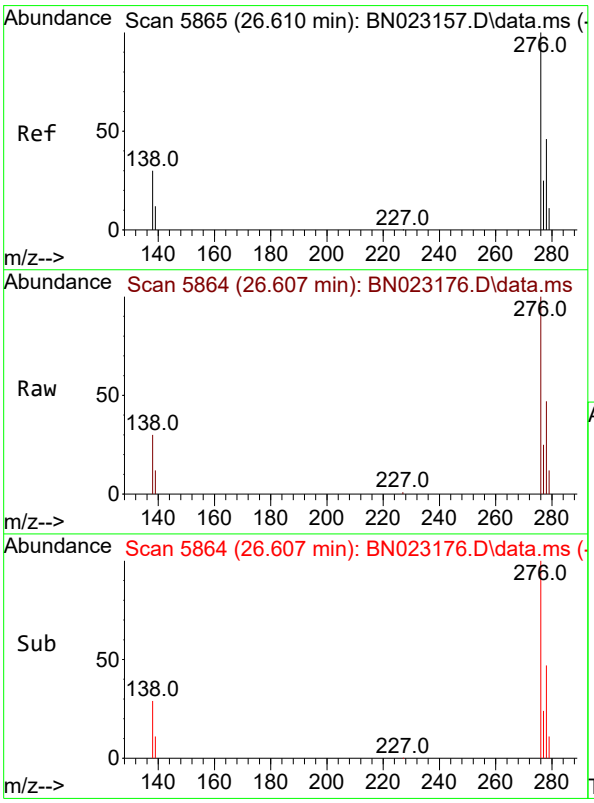
#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.931 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:252 Resp: 24586

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.7	29.5
125	25.2	13.7	20.5#

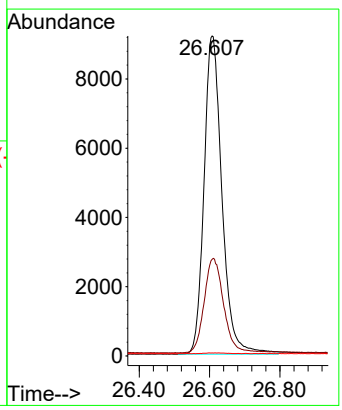


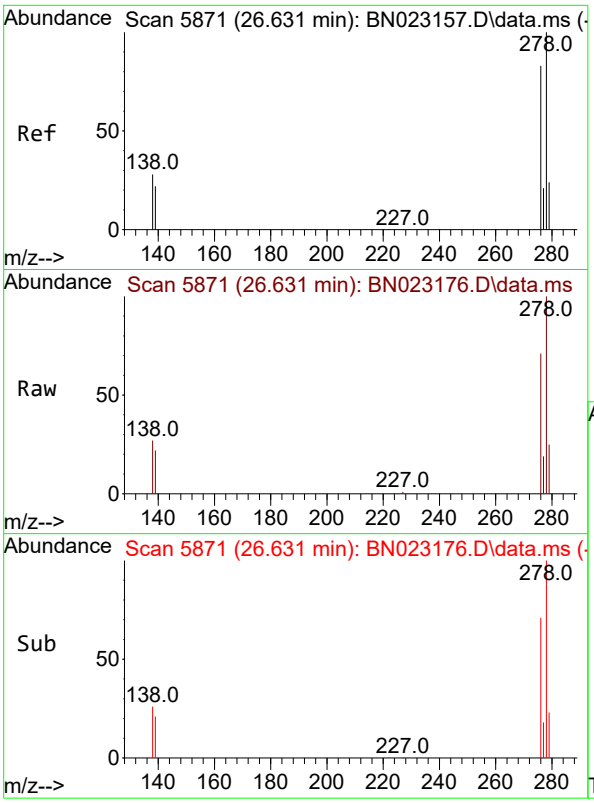


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.607 min Scan# 5864
Delta R.T. -0.003 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:276 Resp: 32598

Ion	Ratio	Lower	Upper
276	100		
138	32.2	0.0	0.0#
227	0.3	0.0	0.0#



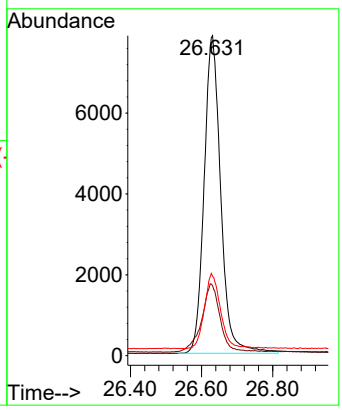


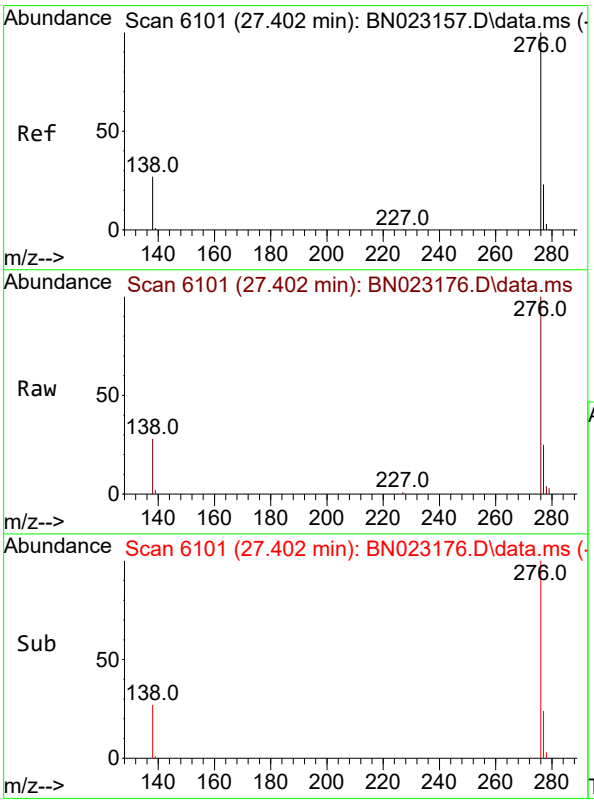
#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.631 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:278 Resp: 25552

Ion	Ratio	Lower	Upper
278	100		
139	21.9	18.3	27.5
279	24.8	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.402 min Scan# 6101
Delta R.T. 0.000 min
Lab File: BN023176.D
Acq: 13 Dec 2022 22:36

Tgt Ion:276 Resp: 25834

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.1	33.1
277	24.7	19.4	29.2