Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021095.D
Acq On : 09 Aug 2022 21:16
Operator : CG/JU
Sample : PB146837BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS837

Quant Time: Aug 09 23:14:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2463	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	8424	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.443	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9469	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7626	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	5804	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2807	0.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.185	152	6380	0.517	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	13166	0.559	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	7242	2.231	ng/ul#	84
5) Naphthalene	10.635	128	12078	0.467	ng/ul	99
7) 2-Methylnaphthalene	12.262	142	7623	0.486	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	7700	0.490	ng/ul	100
10) Acenaphthylene	14.160	152	11007	0.487	ng/ul	98
11) Acenaphthene	14.503	153	8459	0.453	ng/ul	99
12) Fluorene	15.493	166	9469	0.464	ng/ul	100
14) Pentachlorophenol	16.855	266	1941	1.329	ng/ul	99
15) Phenanthrene	17.235	178	15082	0.445	ng/ul	99
16) Anthracene	17.328	178	12991	0.495	ng/ul	98
19) Fluoranthene	19.259	202	16754	0.496	ng/ul	99
20) Pyrene	19.621	202	17247	0.495	ng/ul	98
21) Benzo(a)anthracene	21.377	228	12864	0.517	ng/ul	100
22) Chrysene	21.430	228	14506	0.443	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	12554	0.467	ng/ul	100
25) Benzo(k)fluoranthene	23.064	252	12790	0.451	ng/ul	99
26) Benzo(a)pyrene	23.622	252	11485	0.469	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.128	276	11432	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.152	278	9111	0.394	ng/ul	98
29) Benzo(g,h,i)perylene	26.870	276	10068	0.386	ng/ul	100

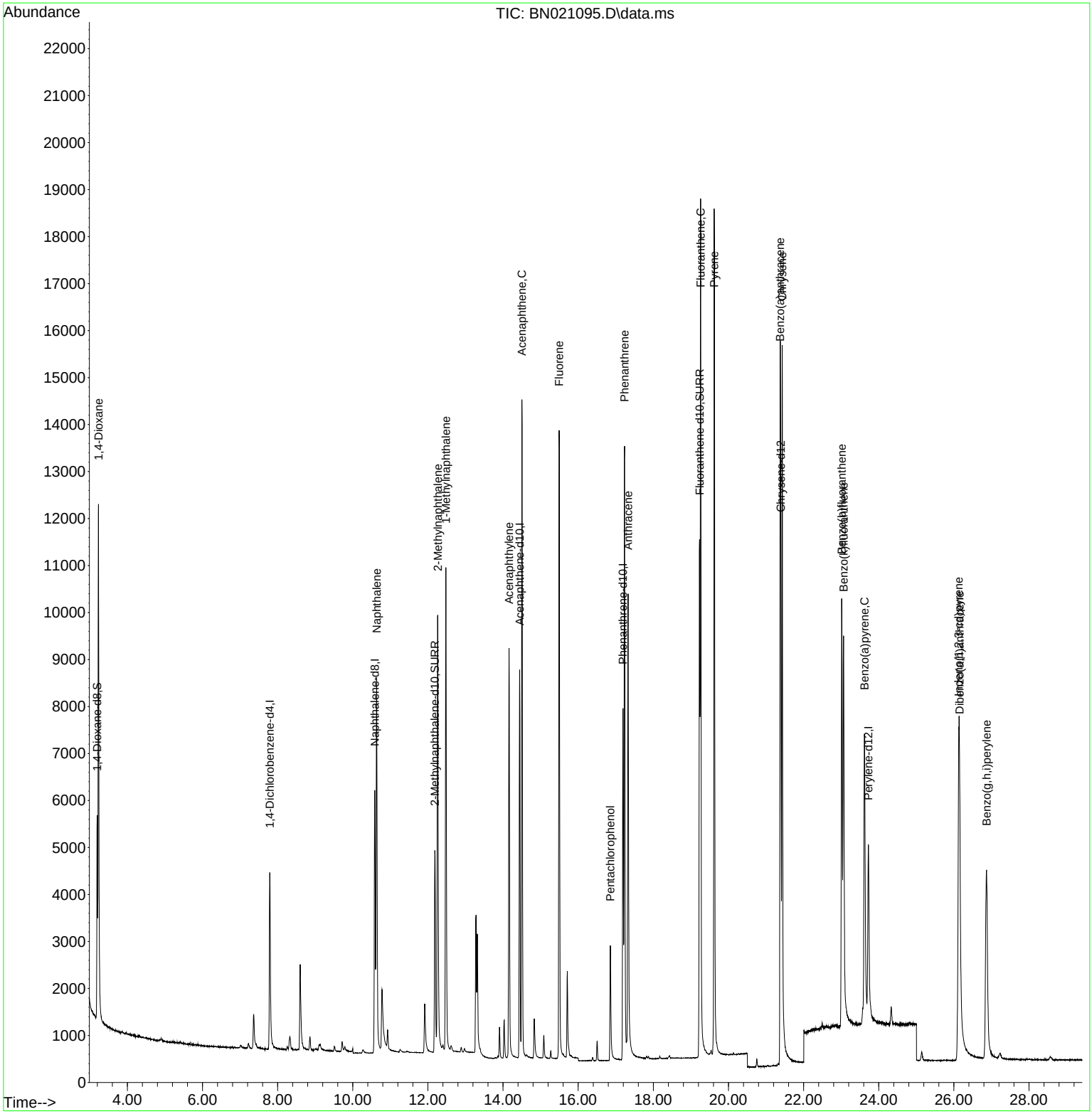
(#) = qualifier out of range (m) = manual integration (+) = signals summed

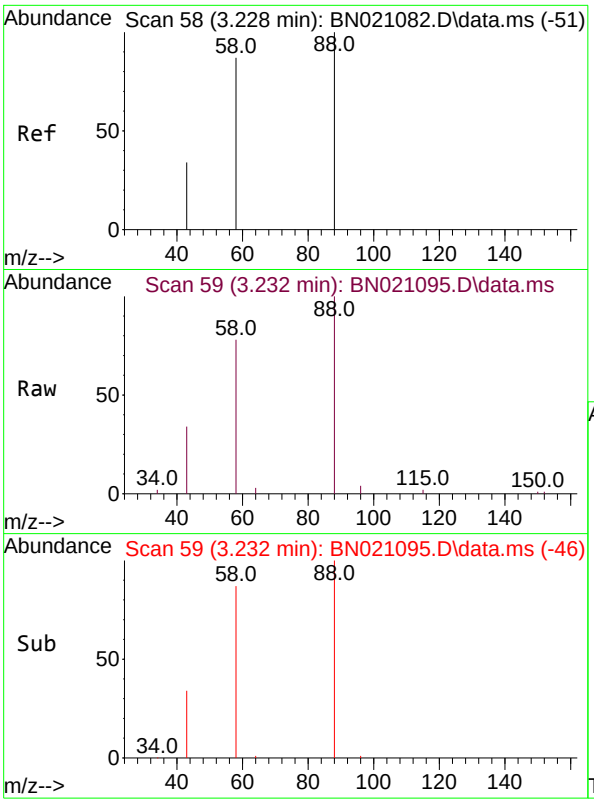
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021095.D
Acq On : 09 Aug 2022 21:16
Operator : CG/JU
Sample : PB146837BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS837

Quant Time: Aug 09 23:14:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration



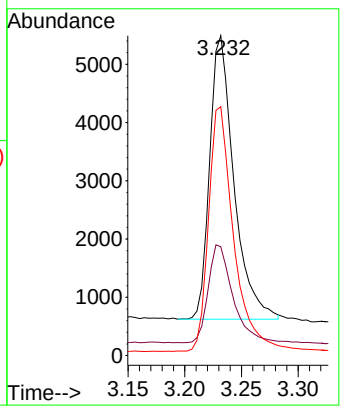


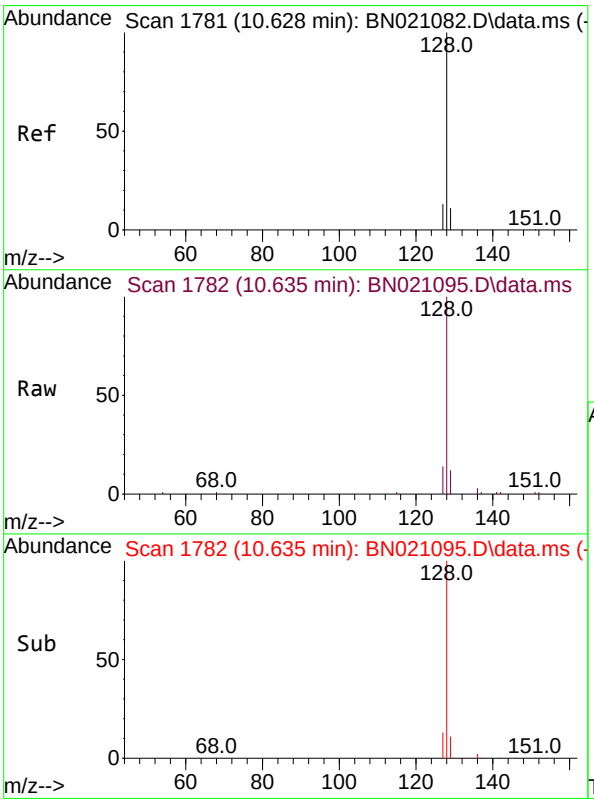
#2
1,4-Dioxane
Concen: 2.231 ng/ul
RT: 3.232 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion: 88 Resp: 7242

Ion	Ratio	Lower	Upper
88	100		
43	34.0	31.4	47.0
58	77.8	49.0	73.6#

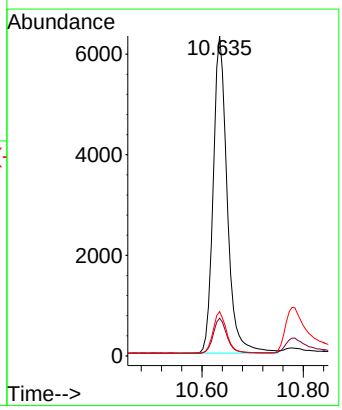


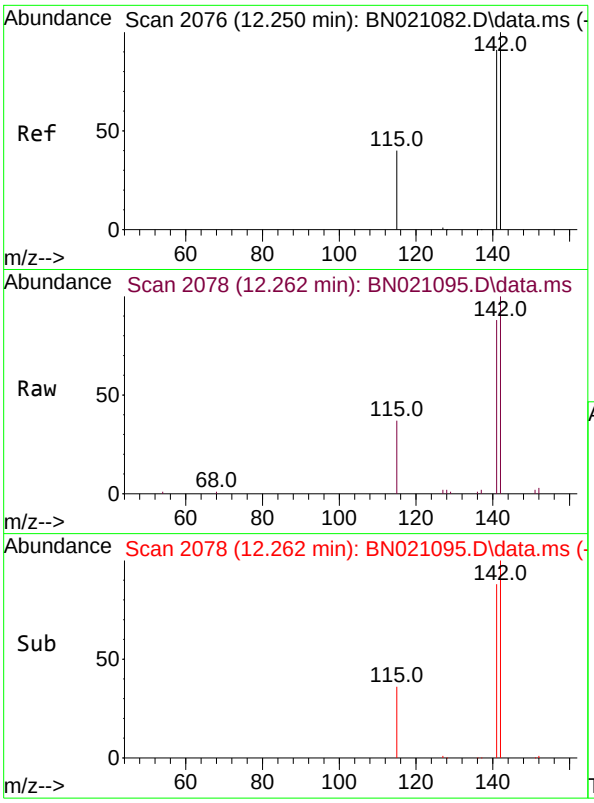


#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:128 Resp: 12078

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.8	11.6	17.4



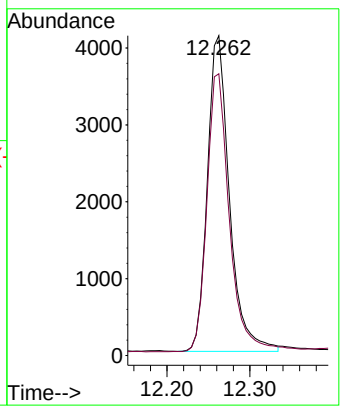


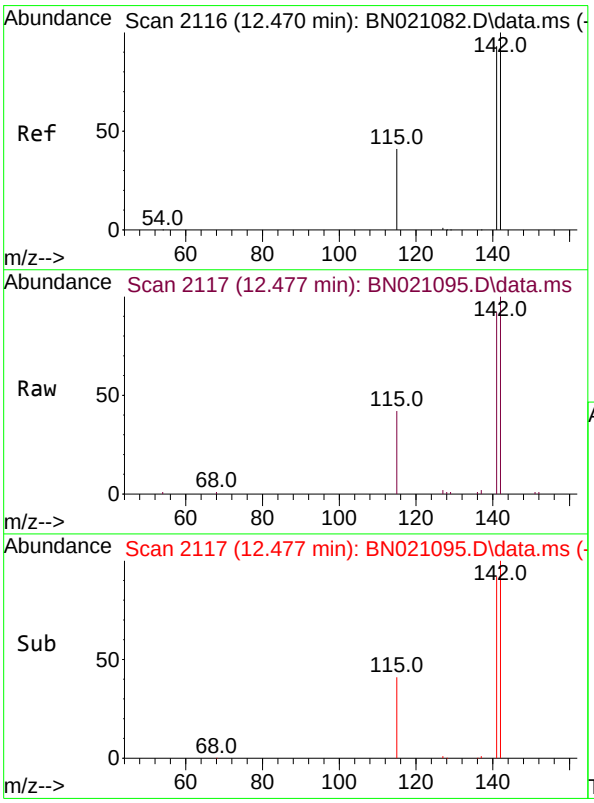
#7
2-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.262 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:142 Resp: 7623

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2

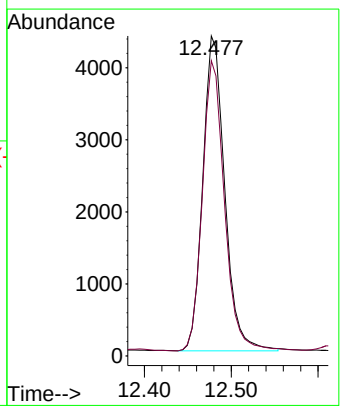


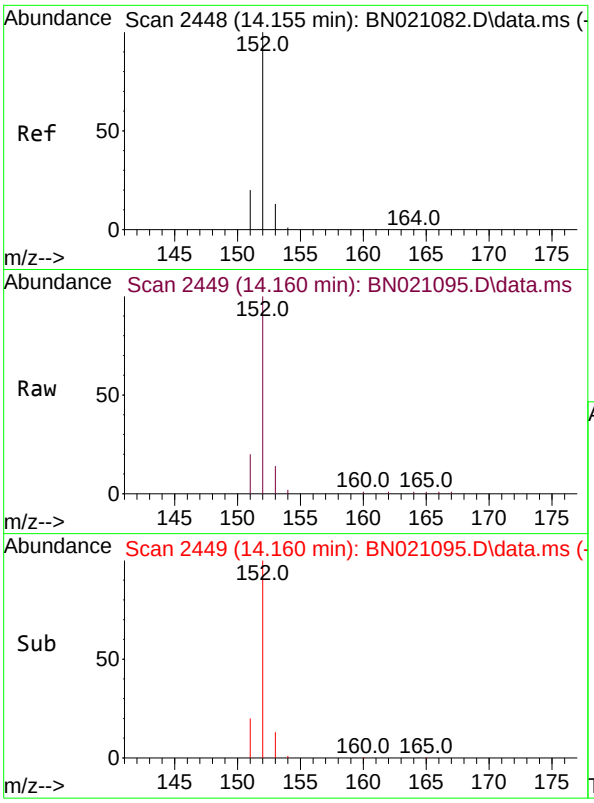


#8
1-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:142 Resp: 7700

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9



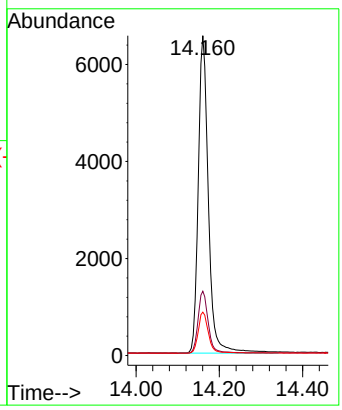


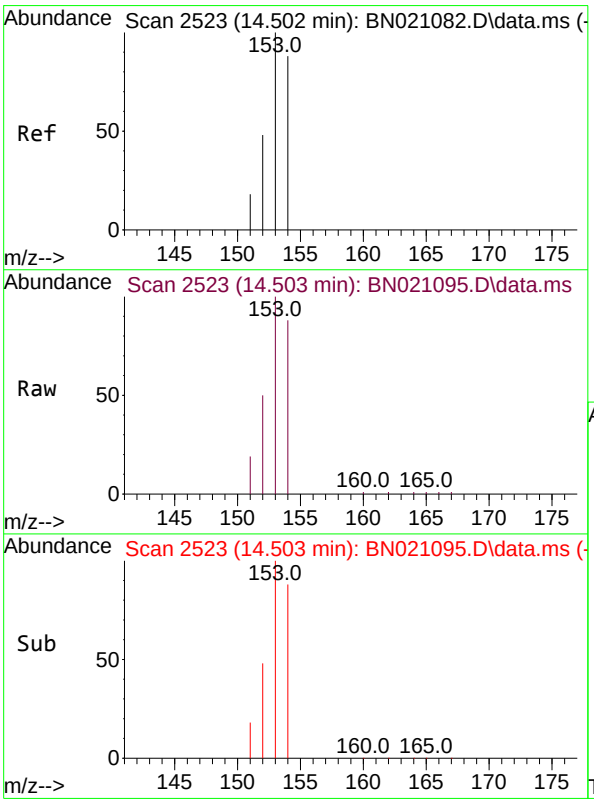
#10
Acenaphthylene
Concen: 0.487 ng/ul
RT: 14.160 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:152 Resp: 11007

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.6	11.2	16.8

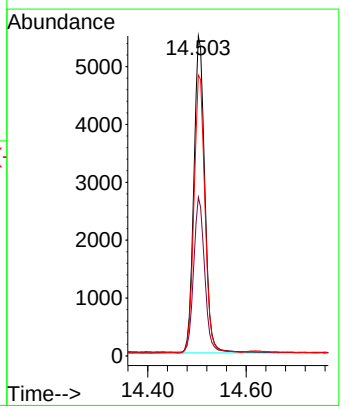


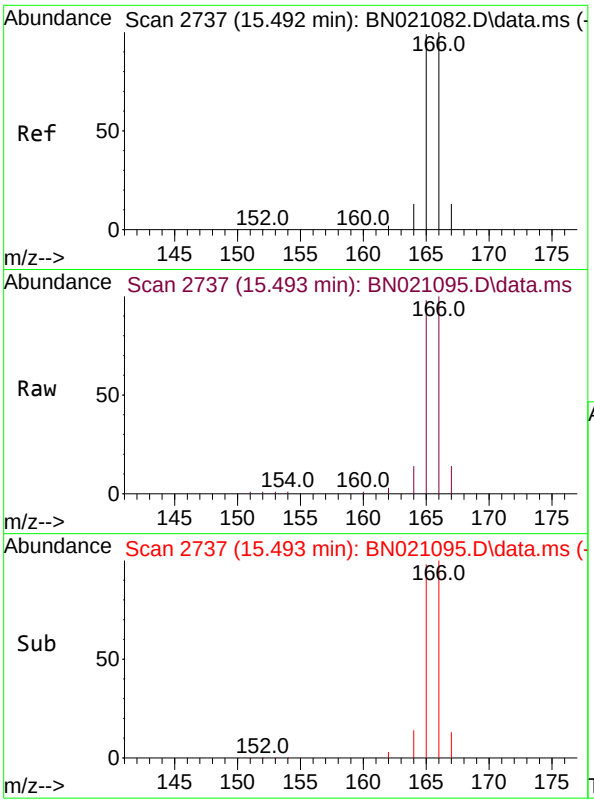


#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:153 Resp: 8459

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.2	60.4
154	87.7	70.7	106.1



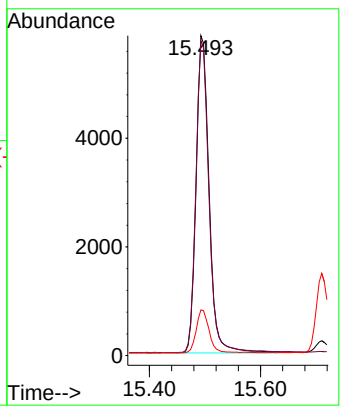


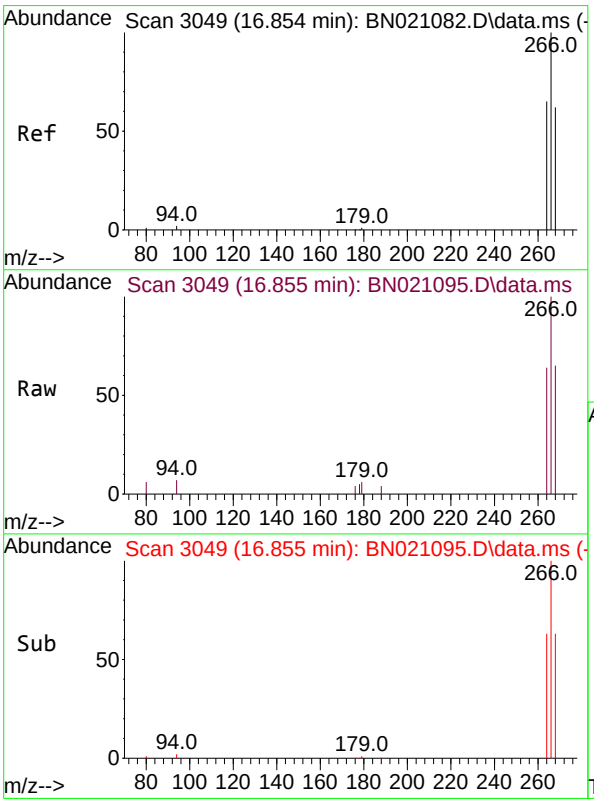
#12
Fluorene
Concen: 0.464 ng/ul
RT: 15.493 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:166 Resp: 9469

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	14.3	11.8	17.6

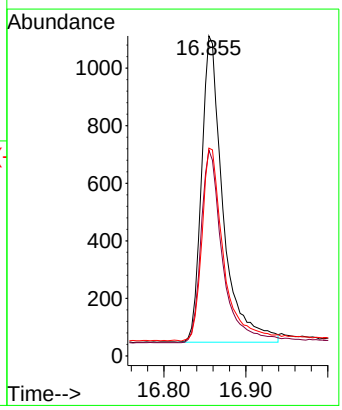


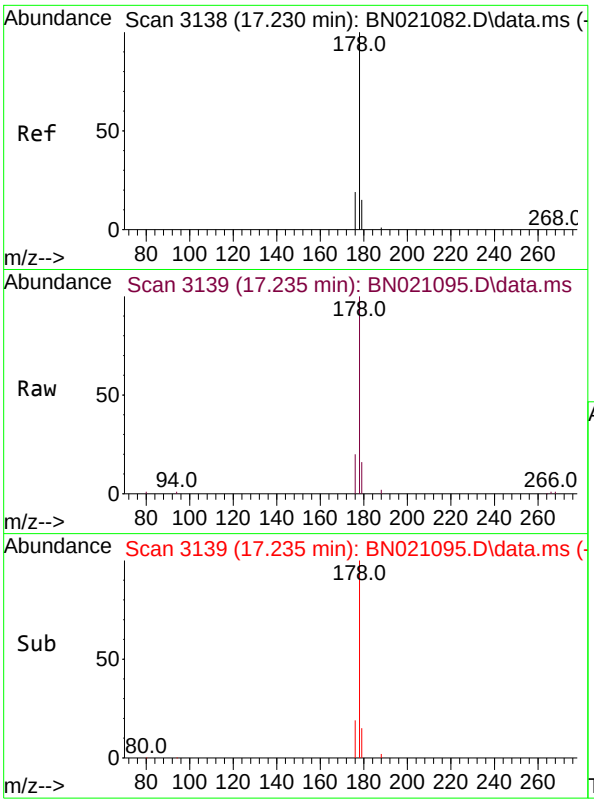


#14
Pentachlorophenol
Concen: 1.329 ng/ul
RT: 16.855 min Scan# 3049
Delta R.T. 0.001 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:266 Resp: 1941

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	63.4	50.6	75.8





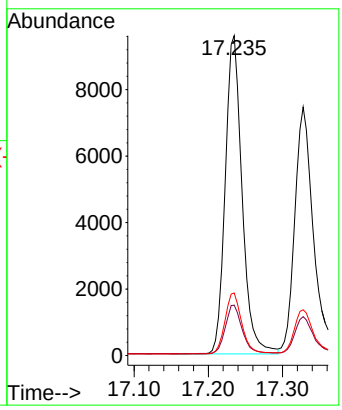
#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.235 min Scan# 3

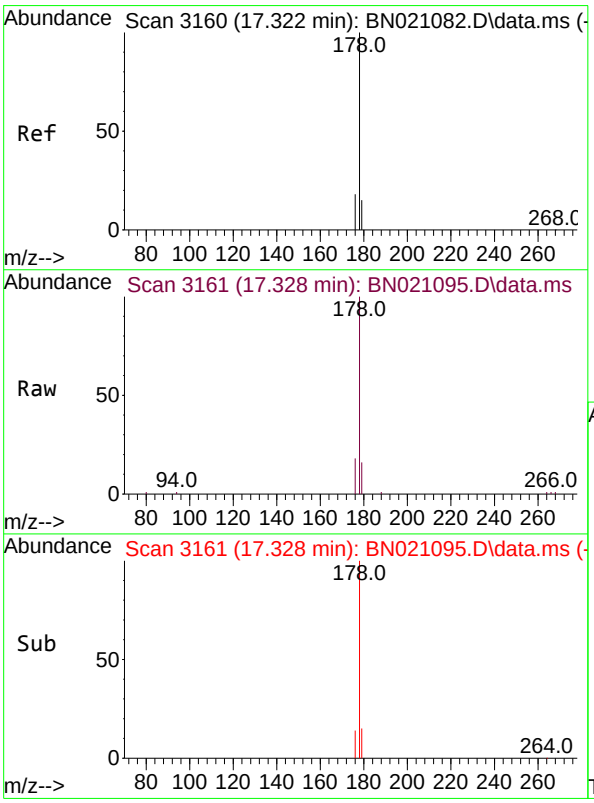
Instrument :
BNA_N
ClientSampleId :
SLCS837

Delta R.T. 0.005 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:178 Resp: 15082

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.6	15.9	23.9

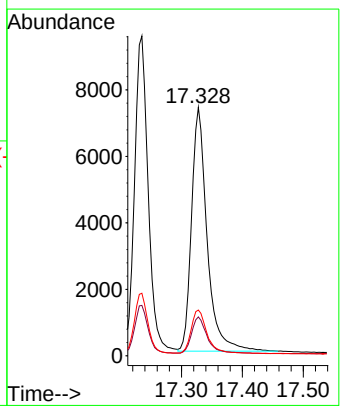


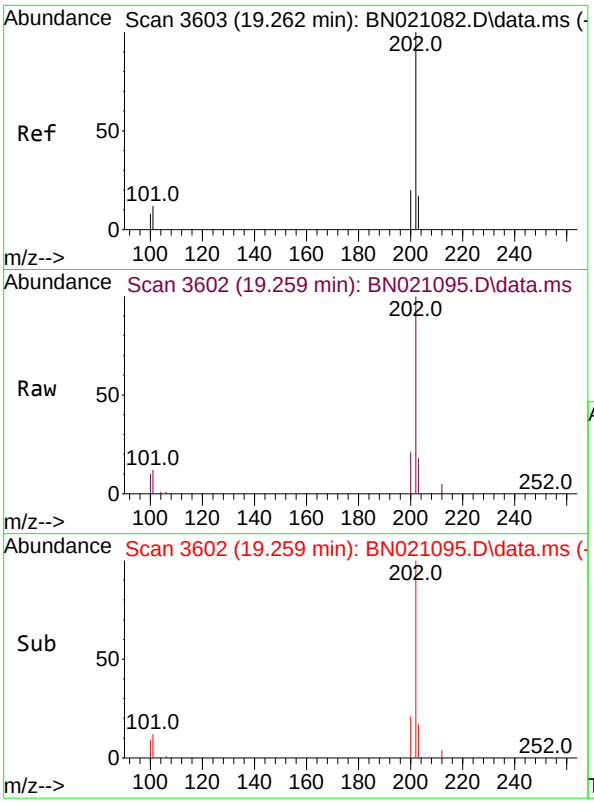


#16
Anthracene
Concen: 0.495 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:178 Resp: 12991

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.4	15.9	23.9



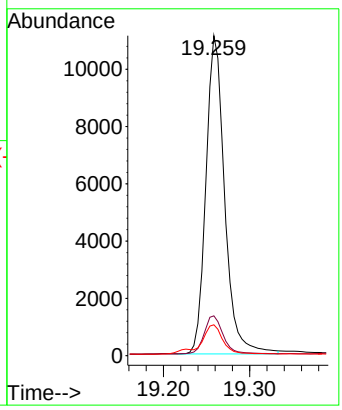


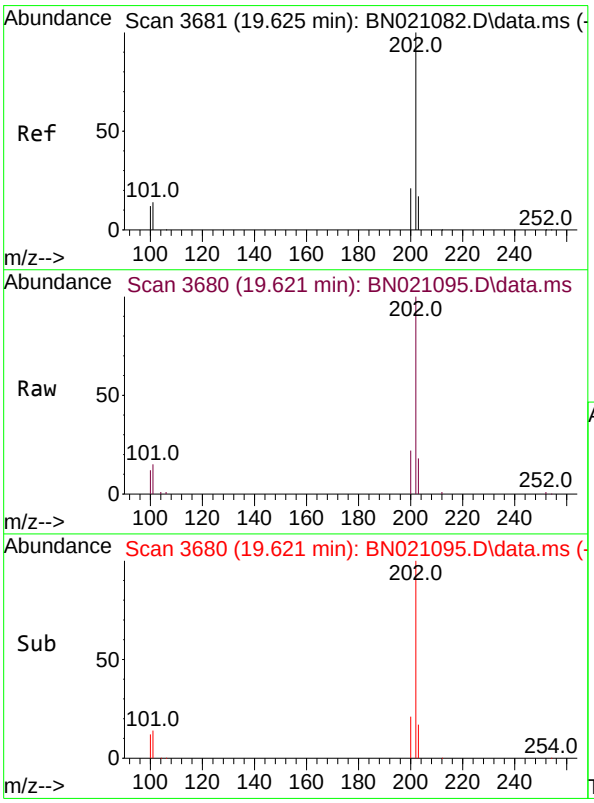
#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.259 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:202 Resp: 16754

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.6	8.0	12.0

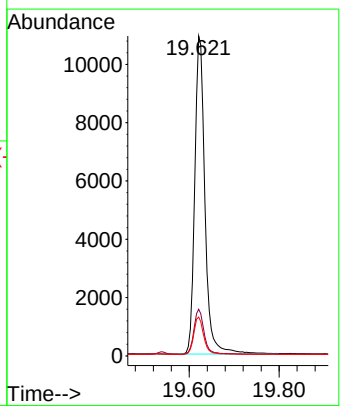


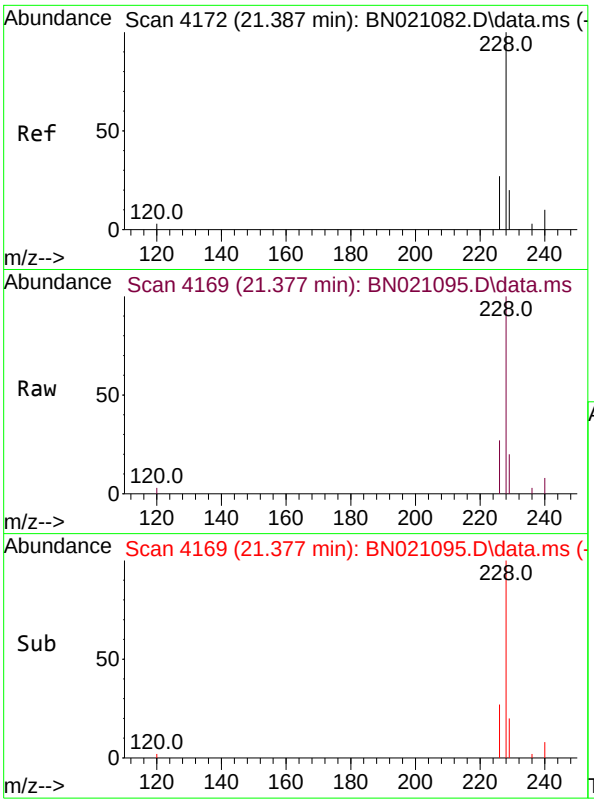


#20
Pyrene
Concen: 0.495 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.004 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:202 Resp: 17247

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	12.1	9.0	13.4



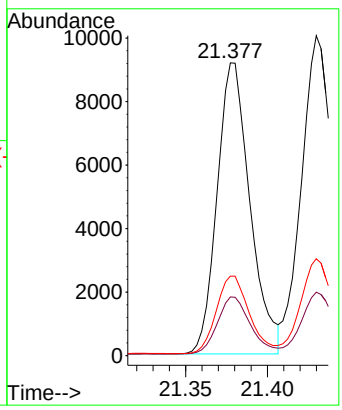


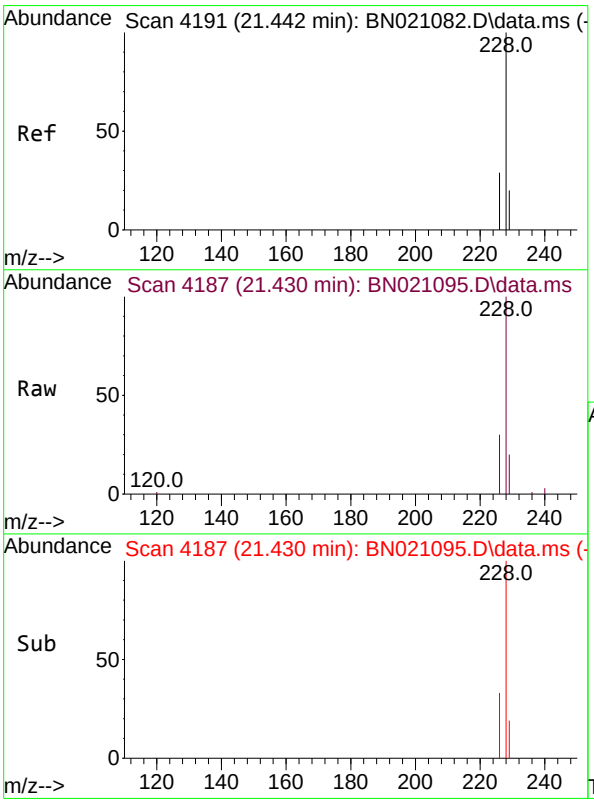
#21
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.377 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:228 Resp: 12864

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.1	21.9	32.9

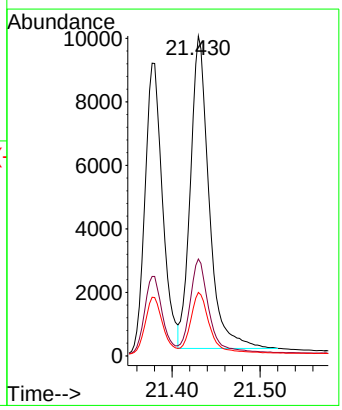


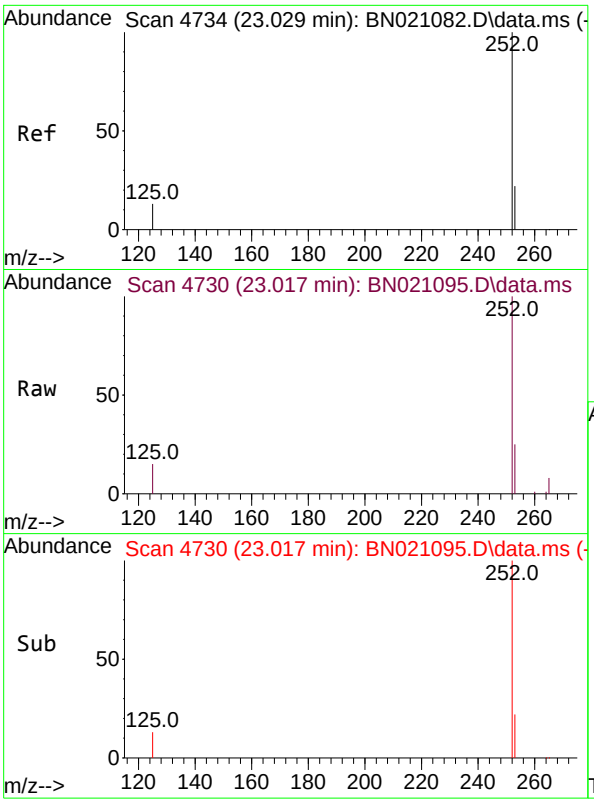


#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:228 Resp: 14506

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.8	15.8	23.8



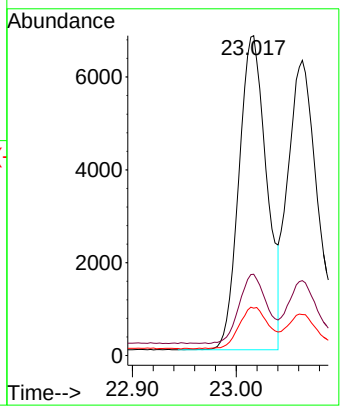


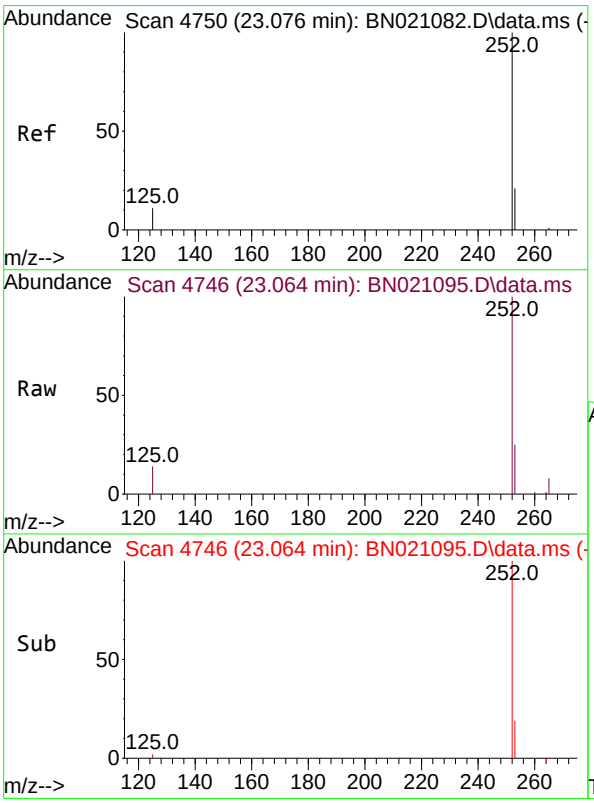
#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 23.017 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:252 Resp: 12554

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	50.8
125	14.8	0.0	30.0

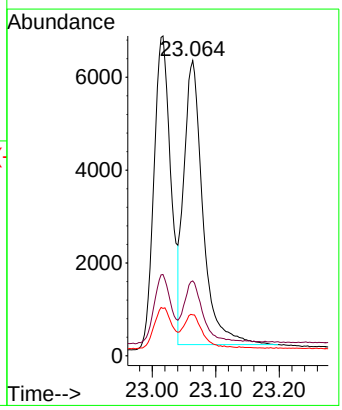


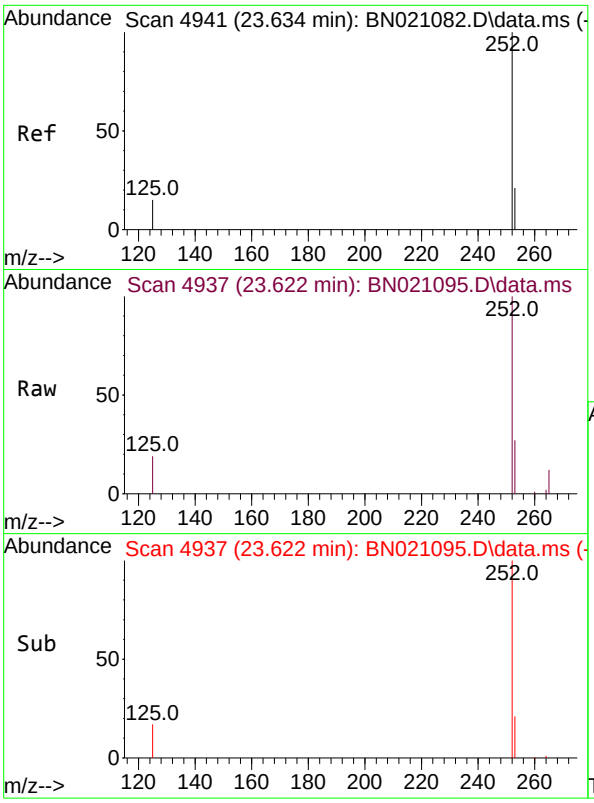


#25
Benzo(k)fluoranthene
Concen: 0.451 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:252 Resp: 12790

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.6	31.0
125	13.9	11.8	17.6



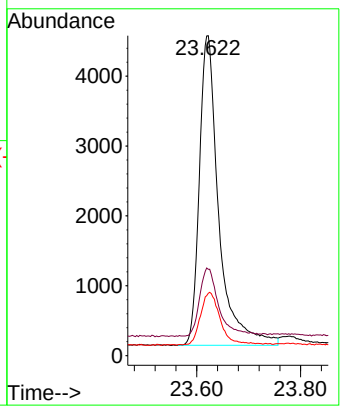


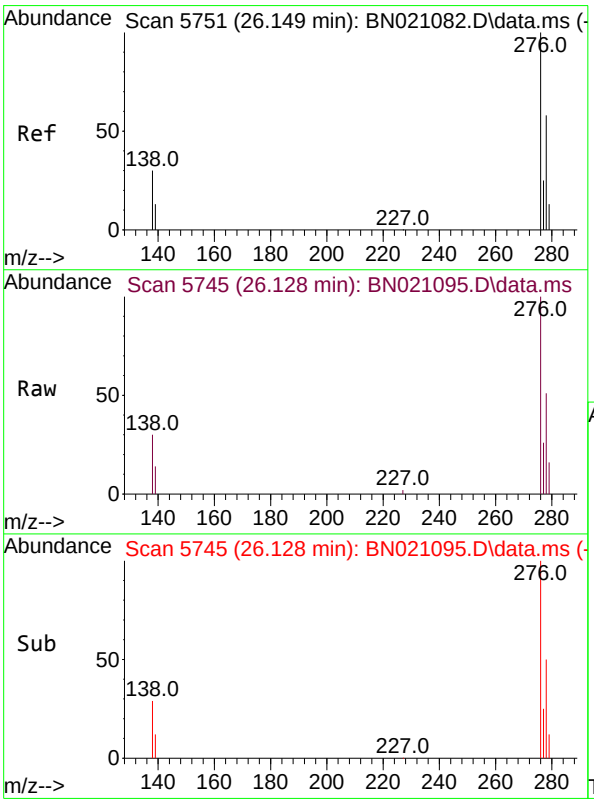
#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.622 min Scan# 49
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:252 Resp: 11485

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.1	33.1
125	19.5	14.7	22.1

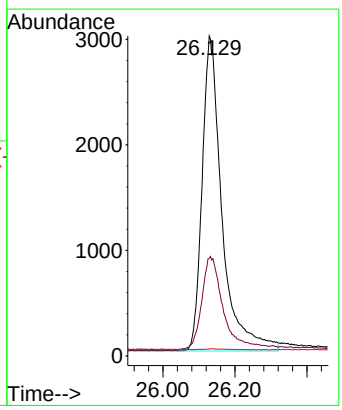


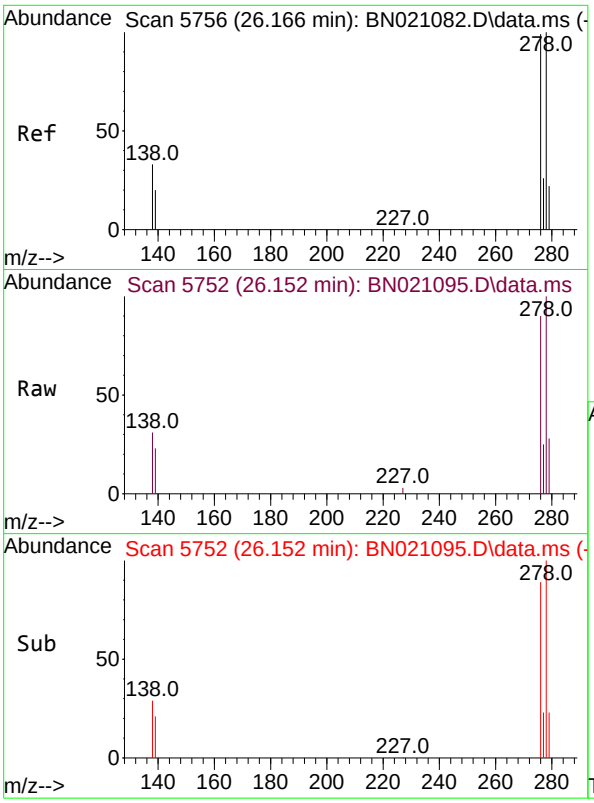


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.128 min Scan# 5745
Delta R.T. -0.021 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:276 Resp: 11432

Ion	Ratio	Lower	Upper
276	100		
138	31.9	26.1	39.1
227	0.3	0.1	0.1#



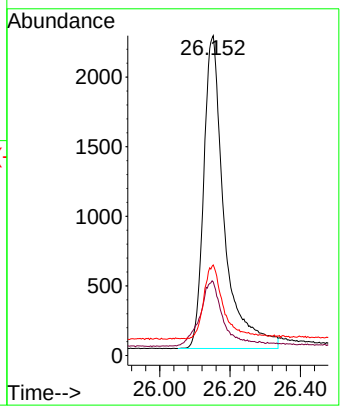


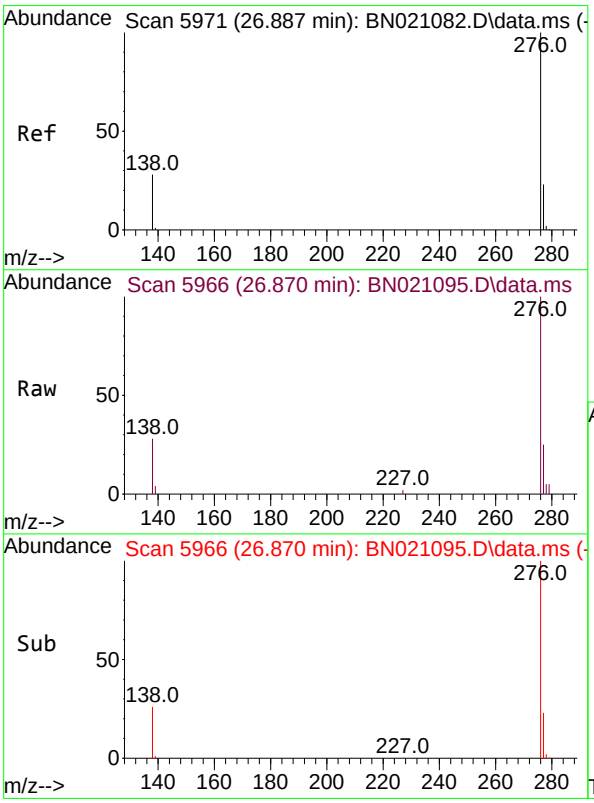
#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 26.152 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :
SLCS837

Tgt Ion:278 Resp: 9111

Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.3	27.5
279	28.3	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 26.870 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:276 Resp: 10068

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.6	34.0
277	25.1	20.2	30.2