Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021811.D
Acq On : 19 Sep 2022 19:25
Operator : CG/JU
Sample : PB147716BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS716

Quant Time: Sep 20 00:26:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	3898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	13309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.712	164	7794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	15401	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	9533	0.400	ng/ul	# 0.00
23) Perylene-d12	24.158	264	7932	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3418	0.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	8594	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	16369	0.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	9383	1.908	ng/ul#	88
5) Naphthalene	10.933	128	14847	0.396	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	9815	0.402	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	10161	0.406	ng/ul	100
10) Acenaphthylene	14.435	152	14399	0.440	ng/ul	99
11) Acenaphthene	14.772	153	10697	0.386	ng/ul	100
12) Fluorene	15.762	166	12330	0.396	ng/ul	99
14) Pentachlorophenol	17.114	266	1676	0.562	ng/ul	98
15) Phenanthrene	17.502	178	19228	0.396	ng/ul	100
16) Anthracene	17.595	178	17460	0.433	ng/ul	99
19) Fluoranthene	19.520	202	20265	0.455	ng/ul	99
20) Pyrene	19.882	202	20315	0.463	ng/ul	96
21) Benzo(a)anthracene	21.633	228	15167	0.475	ng/ul	99
22) Chrysene	21.685	228	15221	0.437	ng/ul	99
24) Benzo(b)fluoranthene	23.384	252	14215	0.369	ng/ul	89
25) Benzo(k)fluoranthene	23.433	252	13378	0.359	ng/ul#	90
26) Benzo(a)pyrene	24.041	252	13514	0.464	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.798	276	14946	0.456	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.824	278	12248	0.440	ng/ul#	94
29) Benzo(g,h,i)perylene	27.619	276	12959	0.429	ng/ul	96

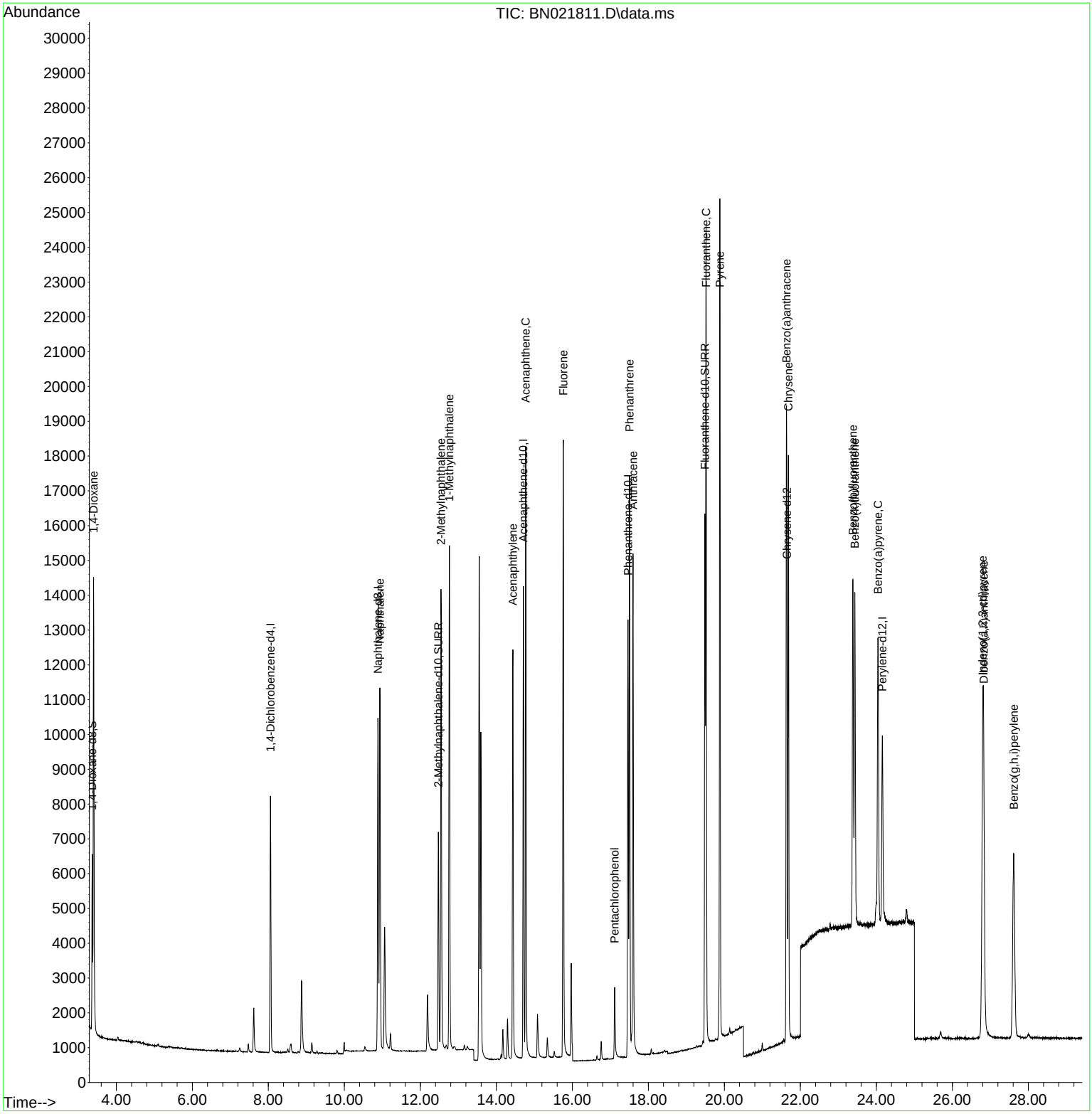
(#) = qualifier out of range (m) = manual integration (+) = signals summed

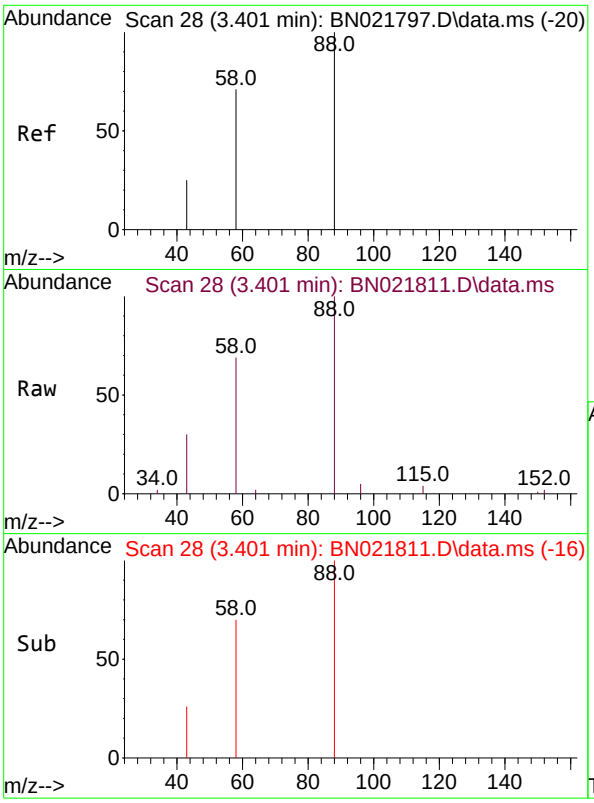
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021811.D
Acq On : 19 Sep 2022 19:25
Operator : CG/JU
Sample : PB147716BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS716

Quant Time: Sep 20 00:26:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



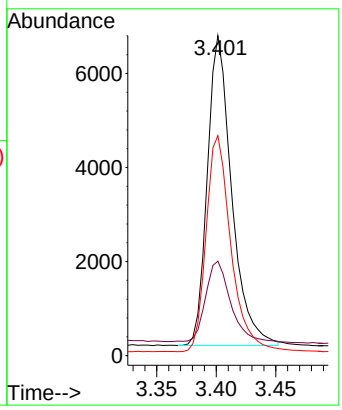


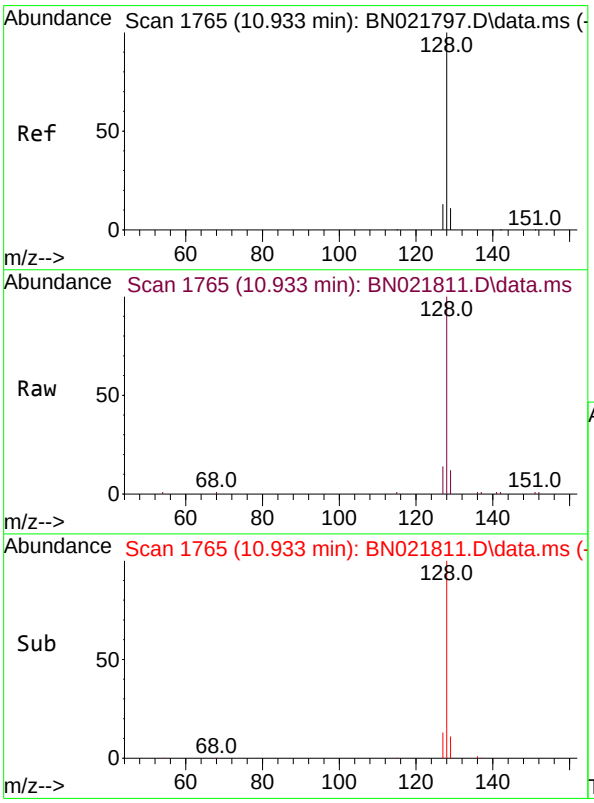
#2
1,4-Dioxane
Concen: 1.908 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion: 88 Resp: 9383

Ion	Ratio	Lower	Upper
88	100		
43	29.5	31.4	47.0#
58	68.7	49.0	73.6

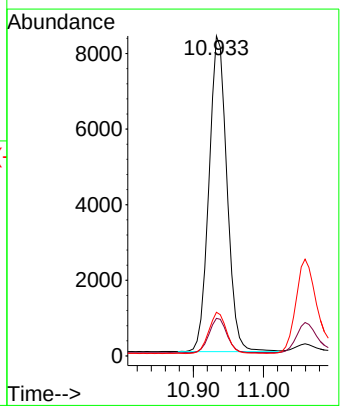


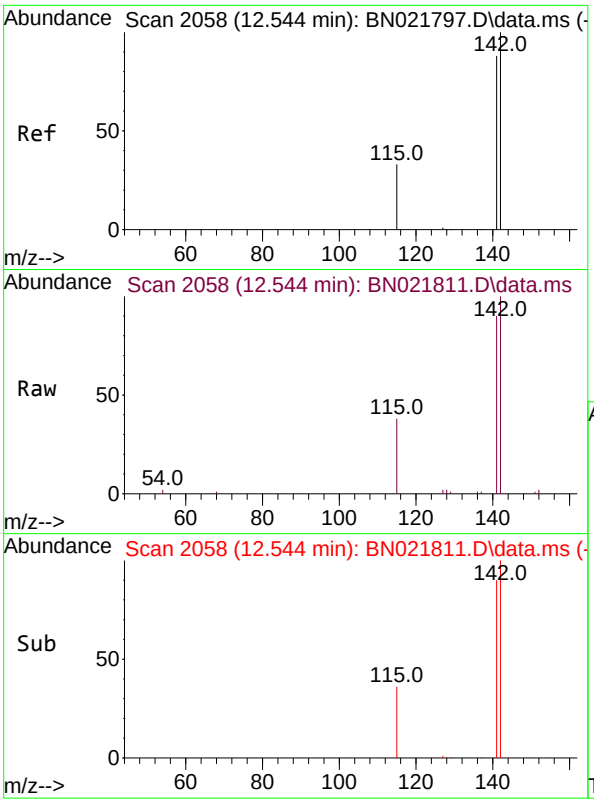


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:128 Resp: 14847

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.6	11.6	17.4



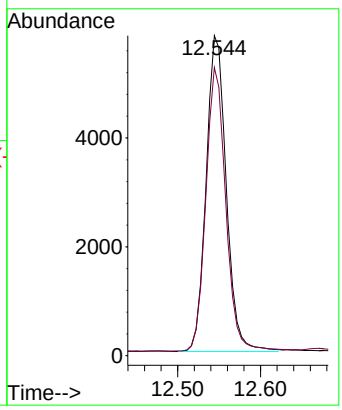


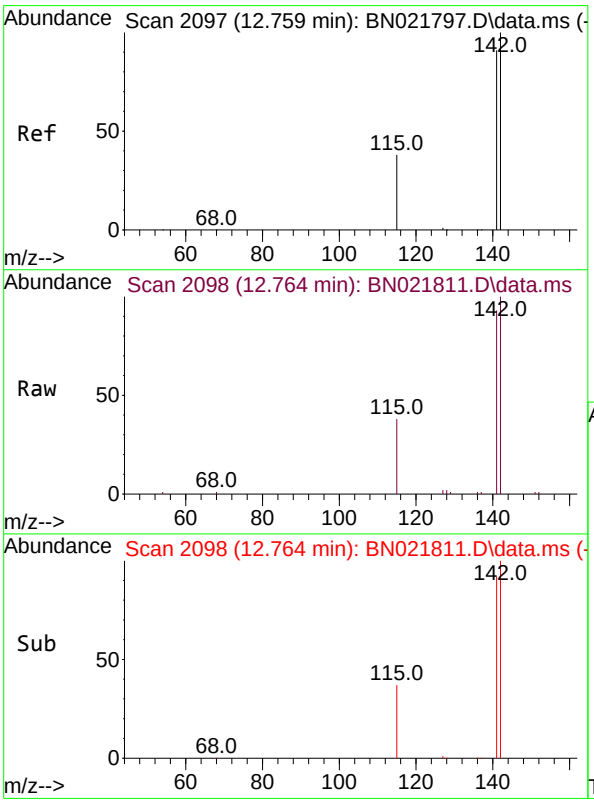
#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:142 Resp: 9815

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2

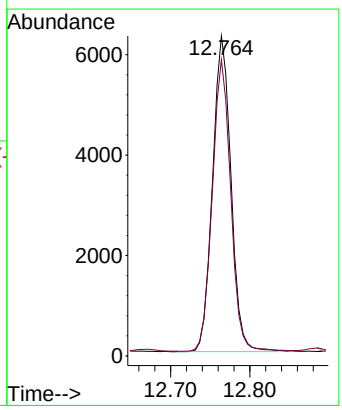


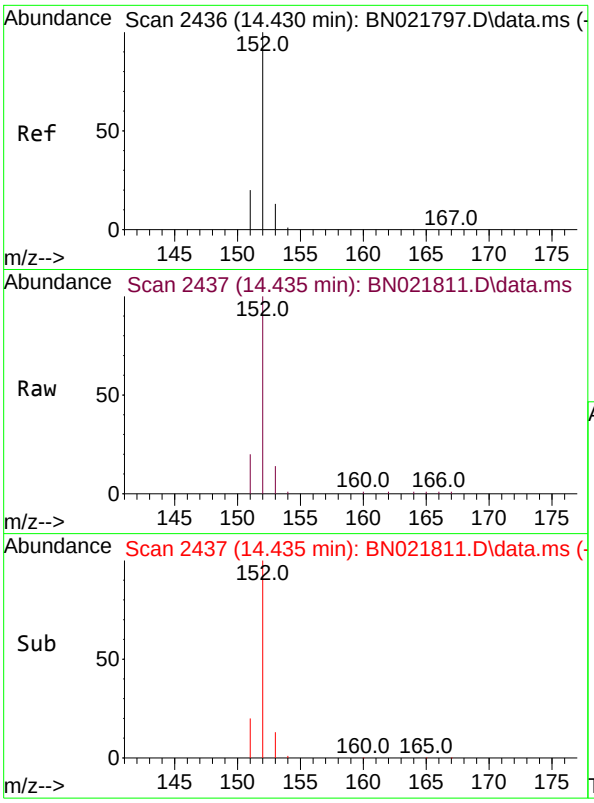


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:142 Resp: 10161

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9



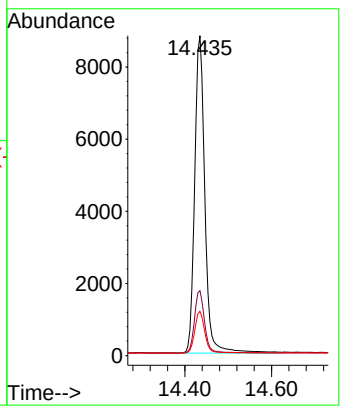


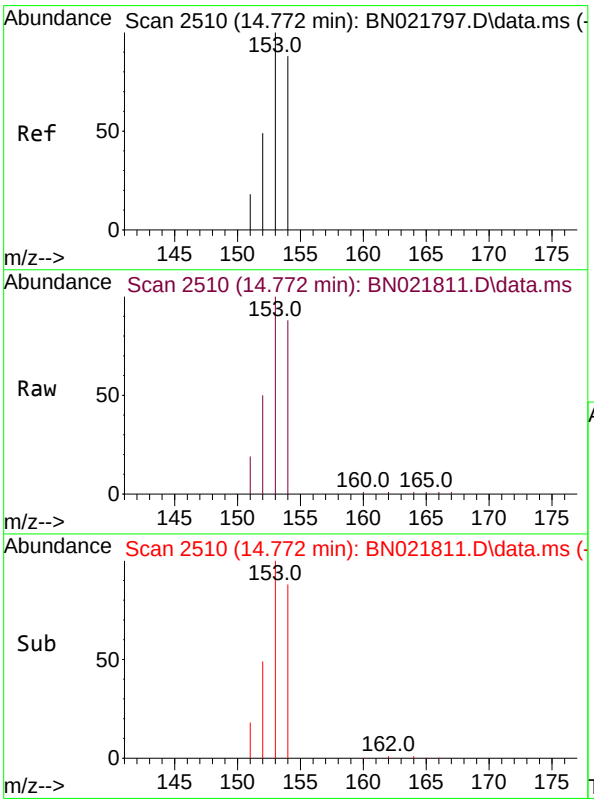
#10
Acenaphthylene
Concen: 0.440 ng/ul
RT: 14.435 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:152 Resp: 14399

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.8	11.2	16.8

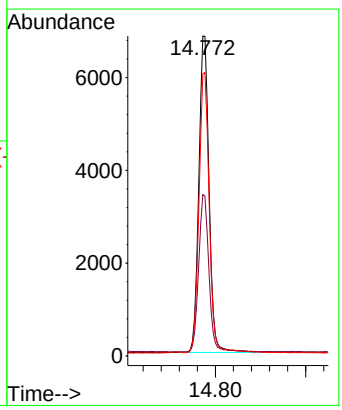


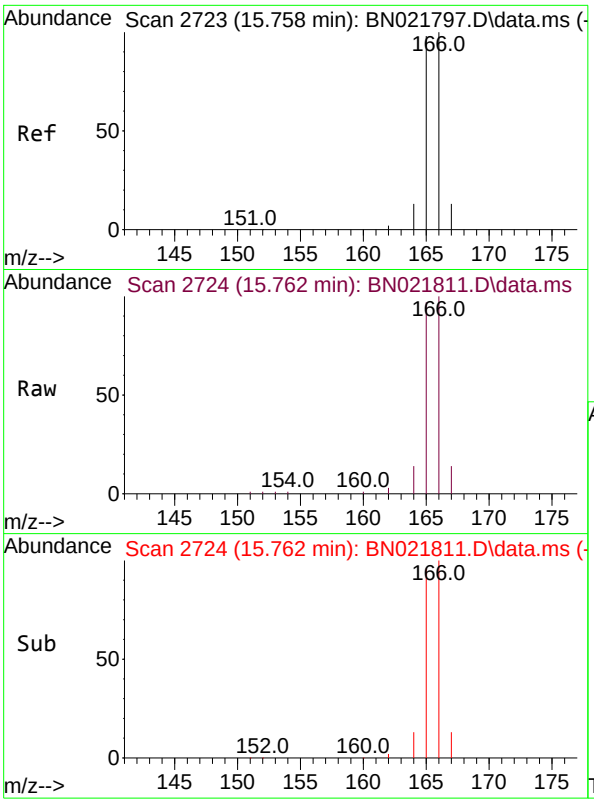


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:153 Resp: 10697

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.2	60.4
154	88.1	70.7	106.1



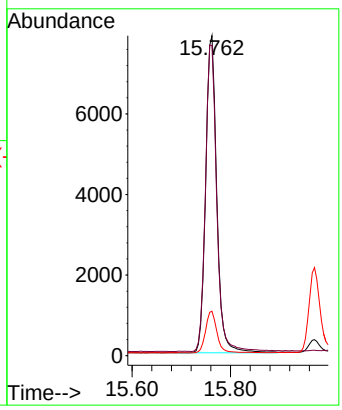


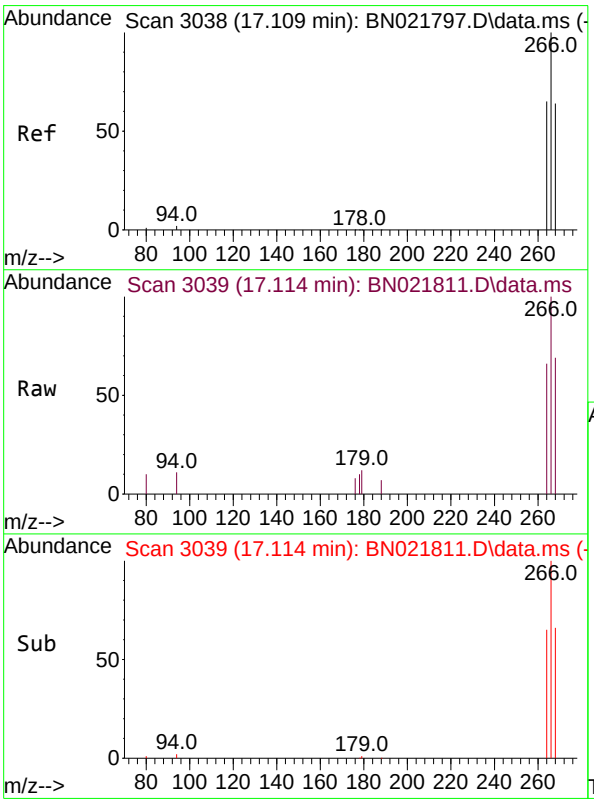
#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.762 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:166 Resp: 12330

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.6	117.8
167	13.9	11.8	17.6

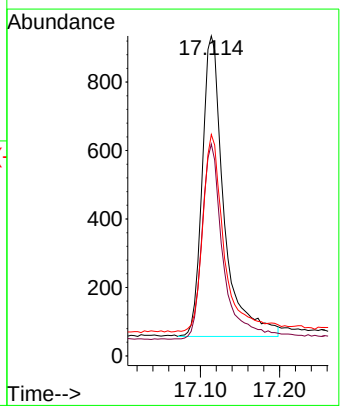


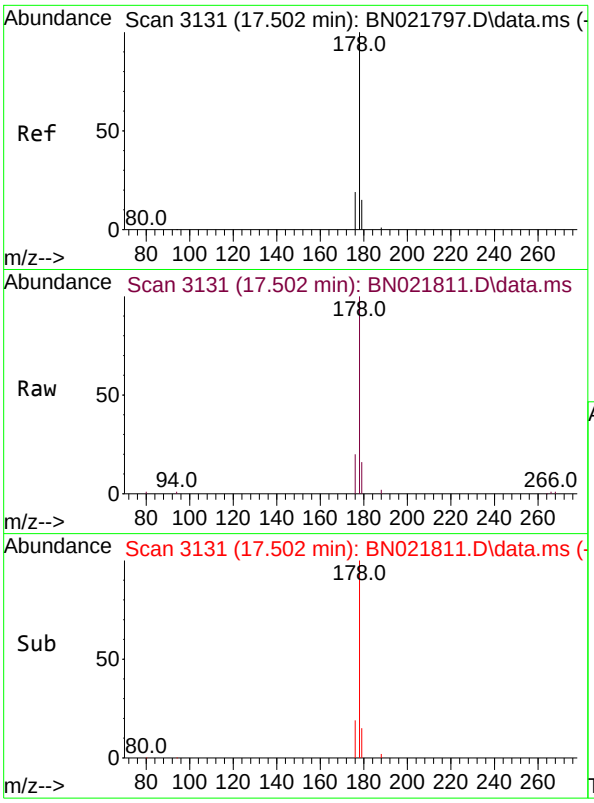


#14
Pentachlorophenol
Concen: 0.562 ng/ul
RT: 17.114 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:266 Resp: 1676

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.8
268	64.9	50.6	75.8



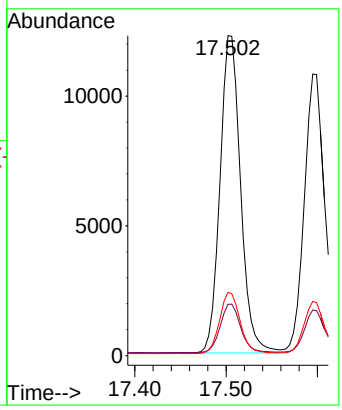


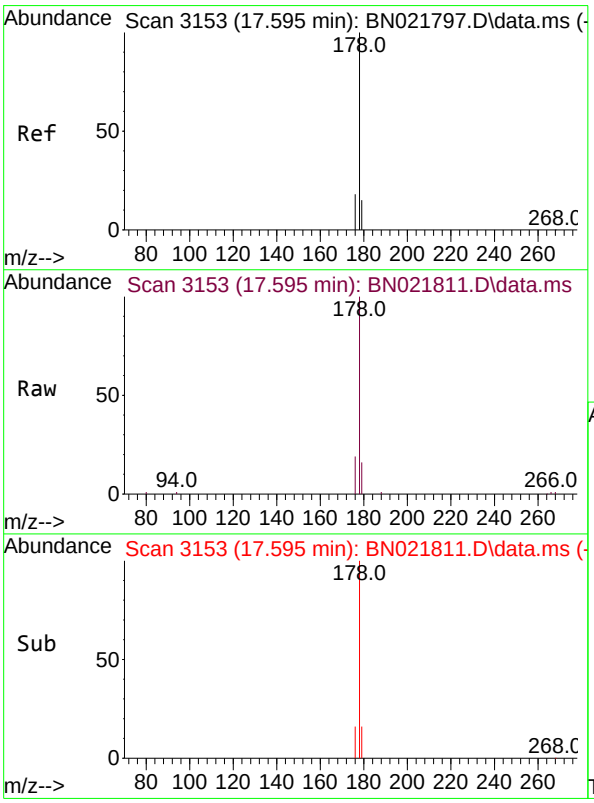
#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:178 Resp: 19228

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.8	15.9	23.9

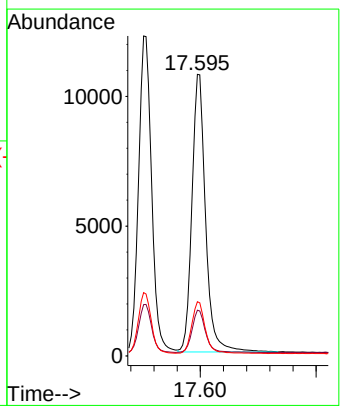


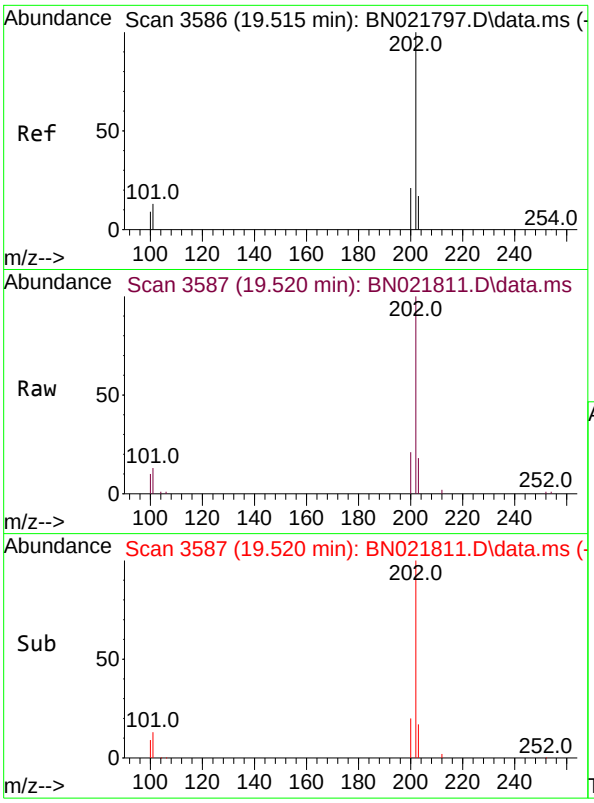


#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:178 Resp: 17460

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.3	15.9	23.9



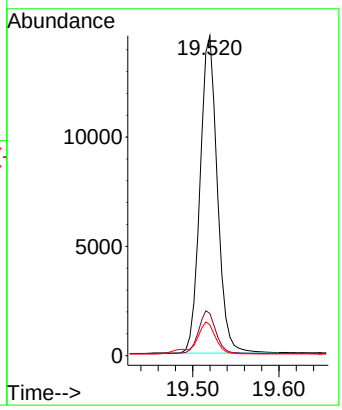


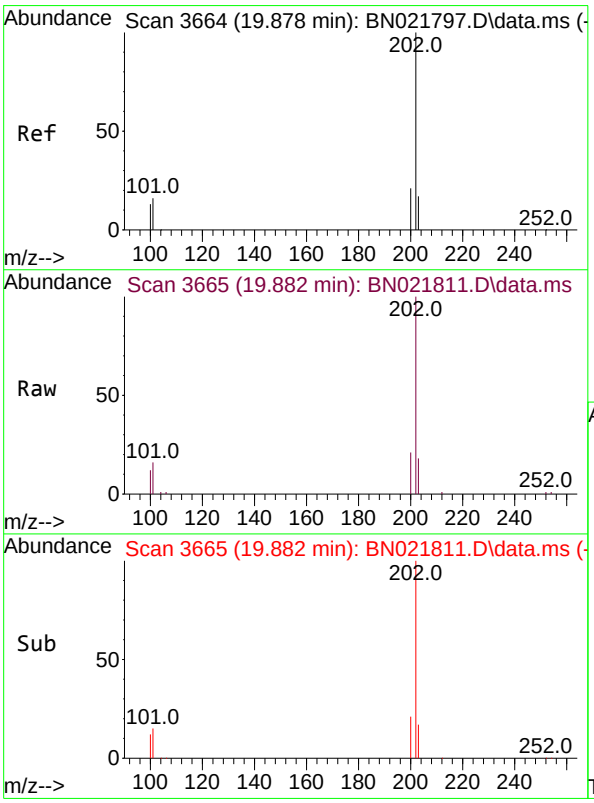
#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:202 Resp: 20265

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.0	15.0
100	9.6	8.0	12.0

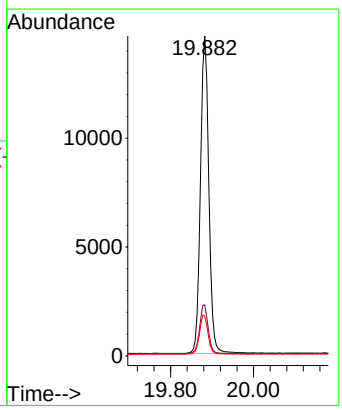


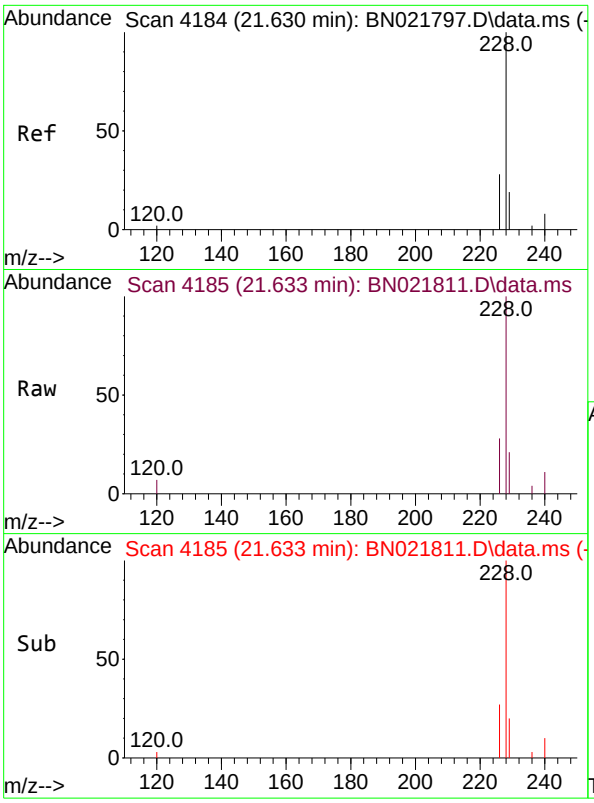


#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:202 Resp: 20315

Ion	Ratio	Lower	Upper
202	100		
101	15.9	11.3	16.9
100	12.4	9.0	13.4



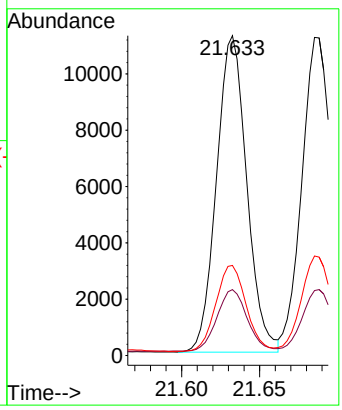


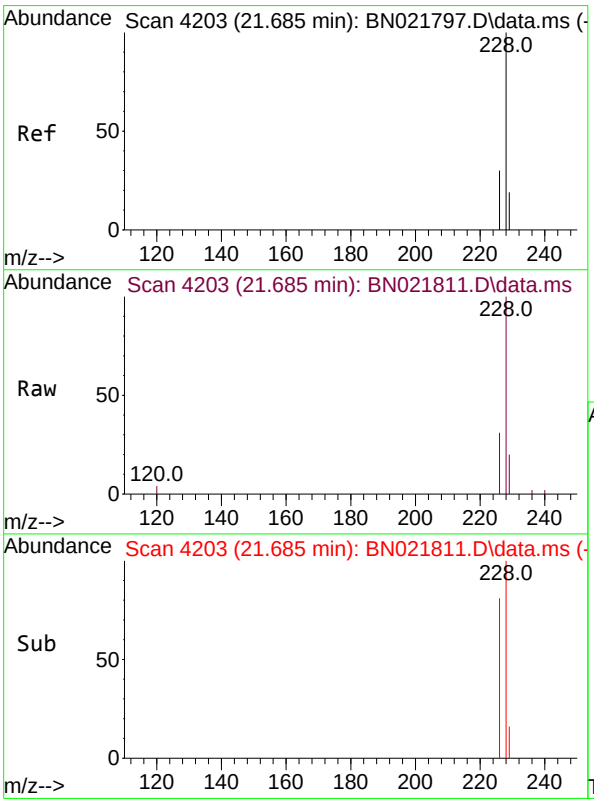
#21
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 21.633 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:228 Resp: 15167

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.2	21.9	32.9

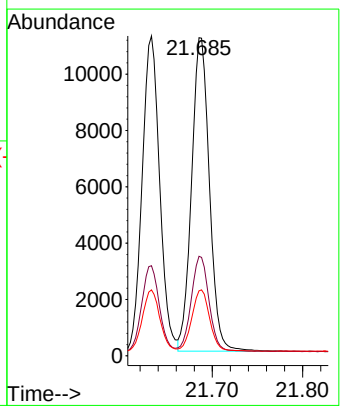


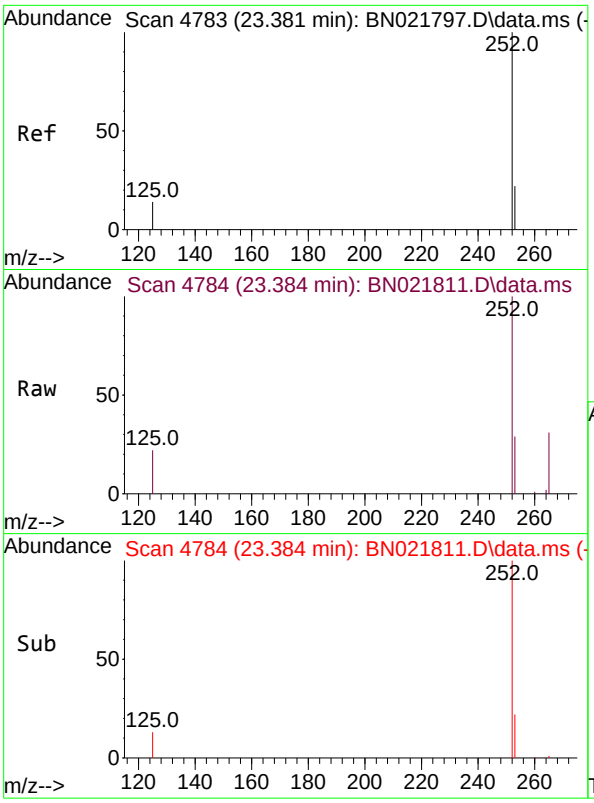


#22
Chrysene
Concen: 0.437 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:228 Resp: 15221

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	20.4	15.8	23.8



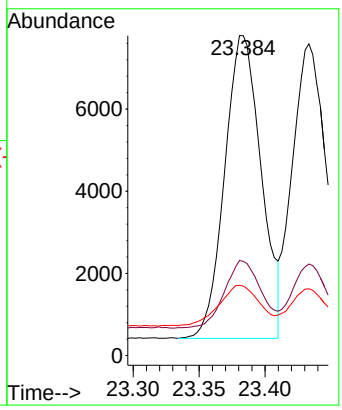


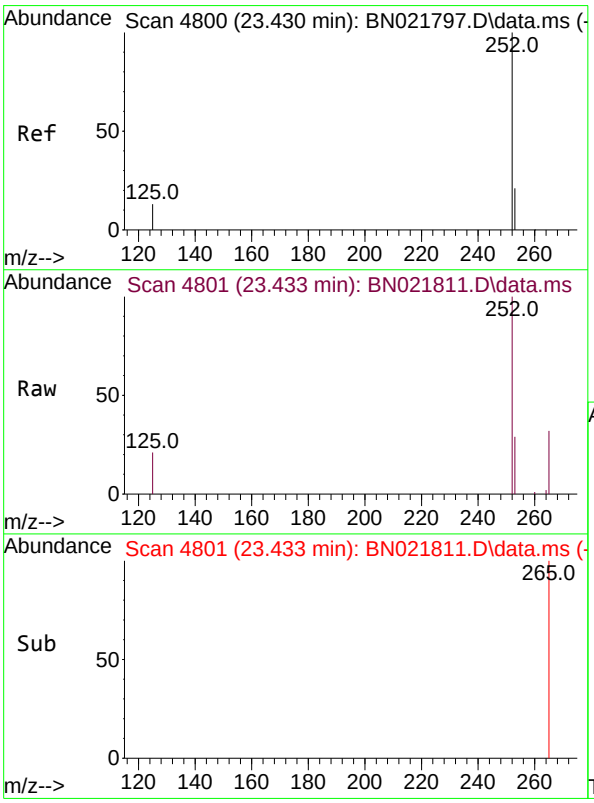
#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.384 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:252 Resp: 14215

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.8
125	21.7	0.0	30.0

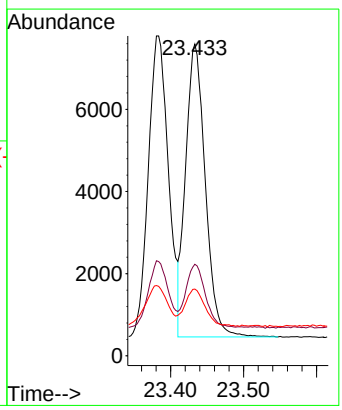


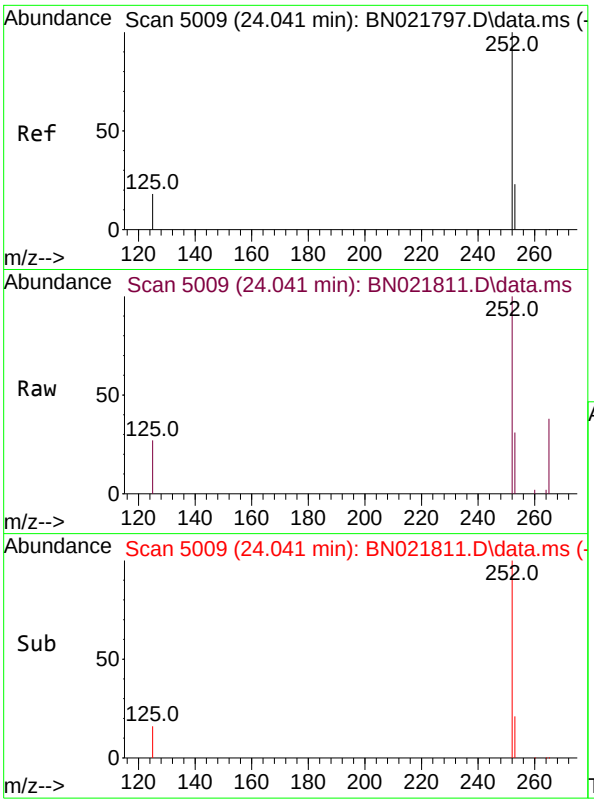


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:252 Resp: 13378

Ion	Ratio	Lower	Upper
252	100		
253	29.4	20.6	31.0
125	21.4	11.8	17.6#



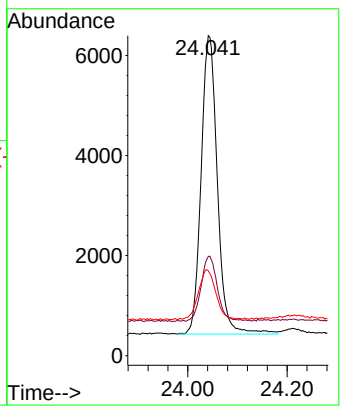


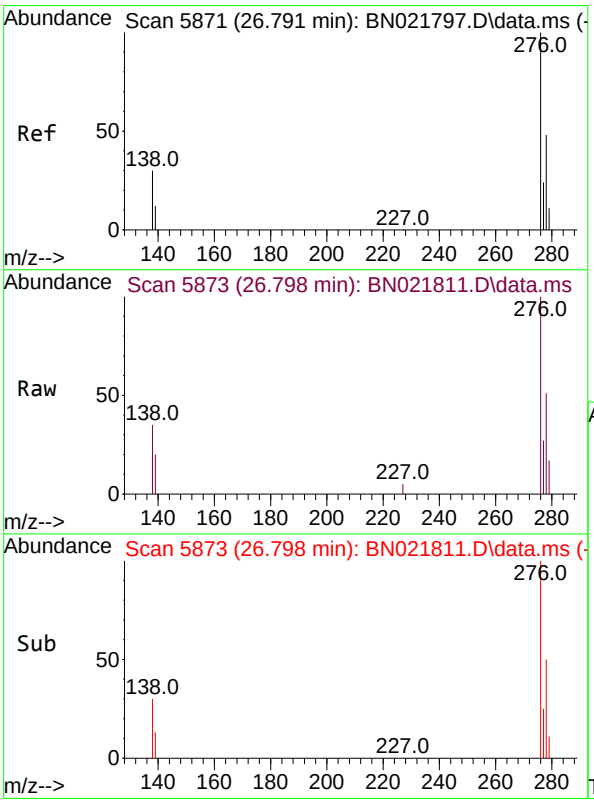
#26
Benzo(a)pyrene
Concen: 0.464 ng/ul
RT: 24.041 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:252 Resp: 13514

Ion	Ratio	Lower	Upper
252	100		
253	31.0	22.1	33.1
125	26.5	14.7	22.1#

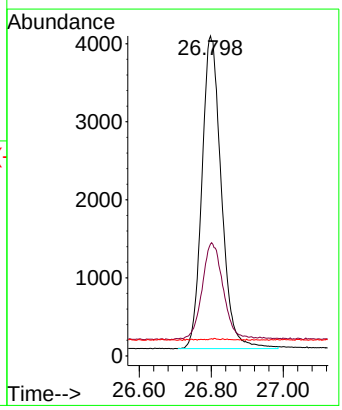


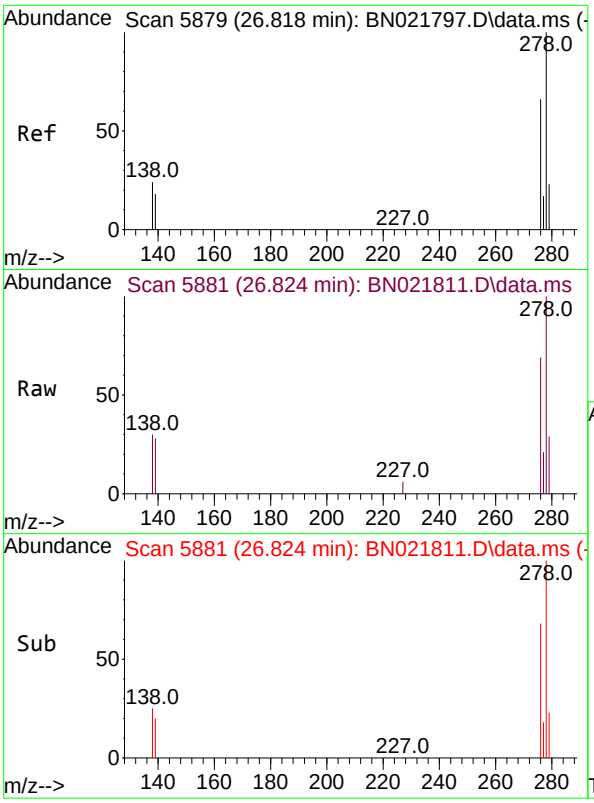


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.798 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:276 Resp: 14946

Ion	Ratio	Lower	Upper
276	100		
138	33.9	26.1	39.1
227	0.1	0.1	0.1#



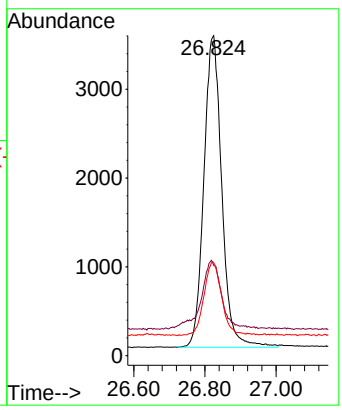


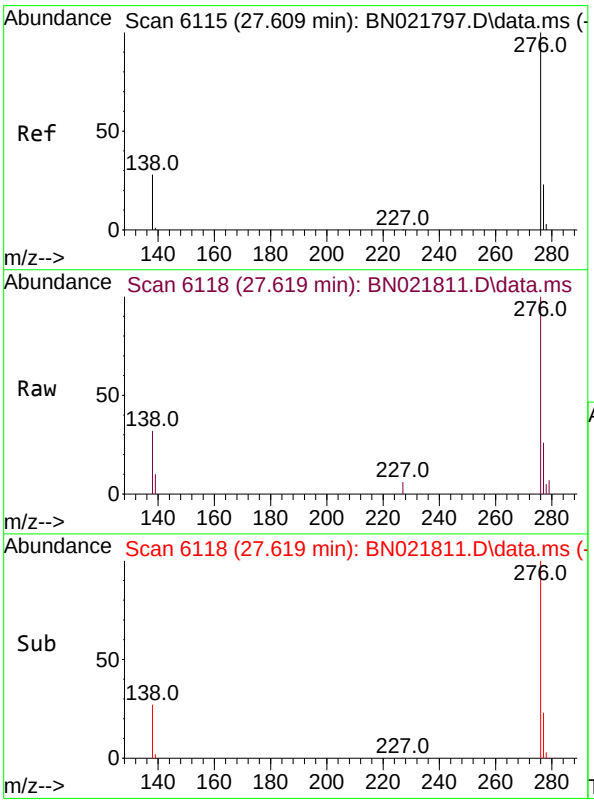
#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.824 min Scan# 58
Delta R.T. 0.007 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Instrument :
BNA_N
ClientSampleId :
SLCS716

Tgt Ion:278 Resp: 12248

Ion	Ratio	Lower	Upper
278	100		
139	28.2	18.3	27.5#
279	29.0	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.619 min Scan# 6118
Delta R.T. 0.010 min
Lab File: BN021811.D
Acq: 19 Sep 2022 19:25

Tgt Ion:276 Resp: 12959

Ion	Ratio	Lower	Upper
276	100		
138	32.0	22.6	34.0
277	26.0	20.2	30.2