Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019468.D
Acq On : 15 Apr 2022 18:26
Operator : CG/JU
Sample : PB144123BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS123

Quant Time: Apr 18 05:04:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	3803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	12234	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	7477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13634	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	9606	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	7024	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	2539	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4666	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	23795	0.669	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	4944	1.049	ng/ul#	77
5) Naphthalene	10.672	128	7098	0.204	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	4169	0.184	ng/ul#	100
8) 1-Methylnaphthalene	12.509	142	4577	0.192	ng/ul#	100
10) Acenaphthylene	14.182	152	6378	0.235	ng/ul	99
11) Acenaphthene	14.520	153	5391	0.199	ng/ul	98
12) Fluorene	15.510	166	5794	0.192	ng/ul	97
14) Pentachlorophenol	16.866	266	2146	0.981	ng/ul	90
15) Phenanthrene	17.242	178	12214	0.270	ng/ul	99
16) Anthracene	17.339	178	10057	0.289	ng/ul	99
19) Fluoranthene	19.262	202	28120	0.588	ng/ul	99
20) Pyrene	19.624	202	30139	0.593	ng/ul	100
21) Benzo(a)anthracene	21.378	228	20446	0.691	ng/ul	100
22) Chrysene	21.430	228	26526	0.685	ng/ul	100
24) Benzo(b)fluoranthene	23.029	252	21480	0.661	ng/ul	93
25) Benzo(k)fluoranthene	23.076	252	25023	0.667	ng/ul	98
26) Benzo(a)pyrene	23.640	252	20270	0.730	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.176	276	19899	0.644	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.189	278	14858	0.676	ng/ul#	90
29) Benzo(g,h,i)perylene	26.910	276	19532	0.654	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
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Quant Time: Apr 18 05:04:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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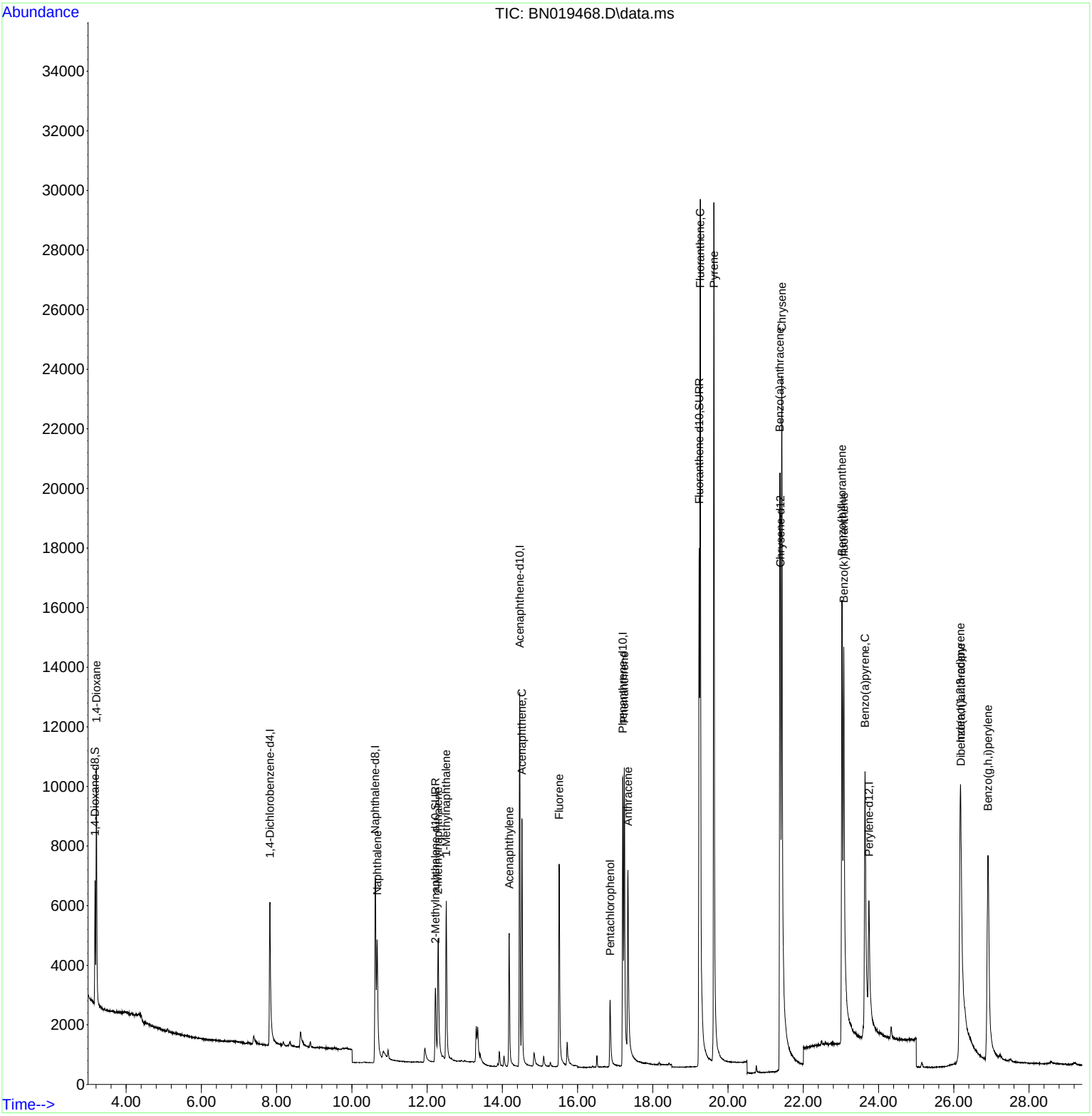
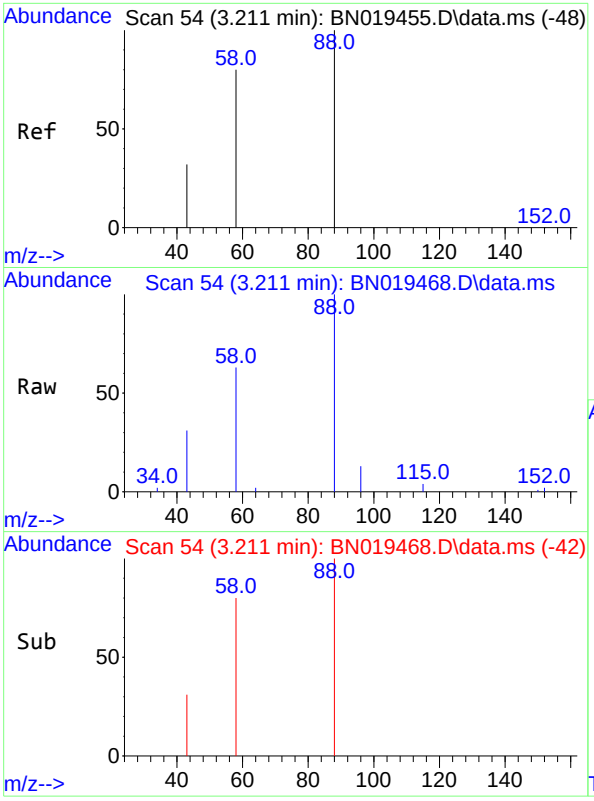


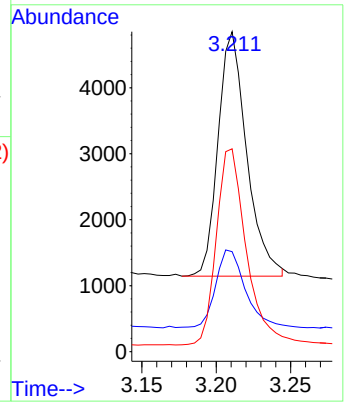


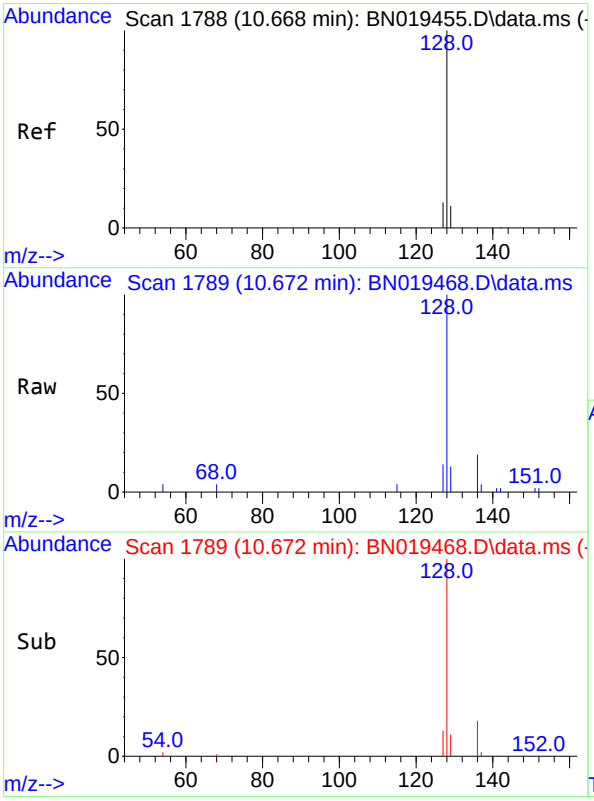
#2
1,4-Dioxane
Concen: 1.049 ng/ul
RT: 3.211 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion: 88 Resp: 4944

Ion	Ratio	Lower	Upper
88	100		
43	31.2	39.0	58.4#
58	63.4	39.8	59.8#

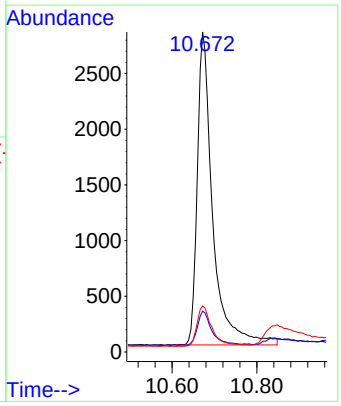


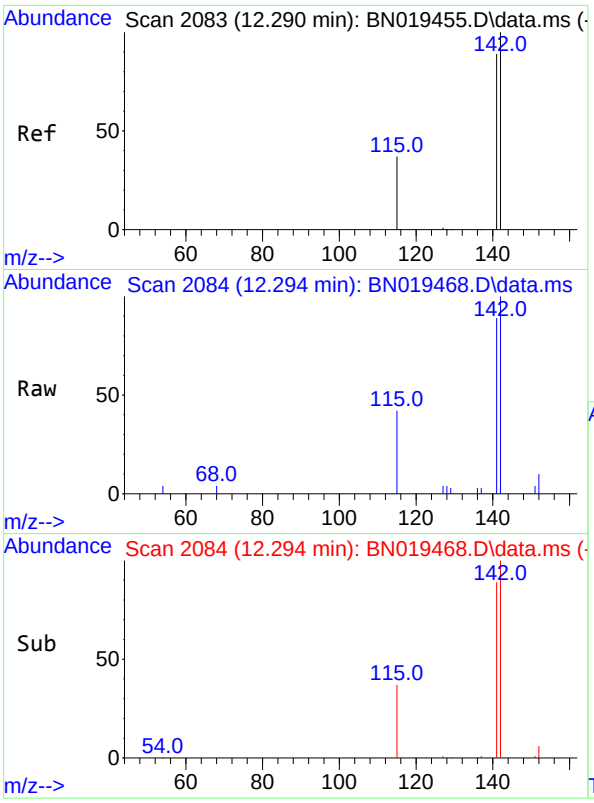


#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:128 Resp: 7098

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.5	14.3
127	14.4	11.0	16.4



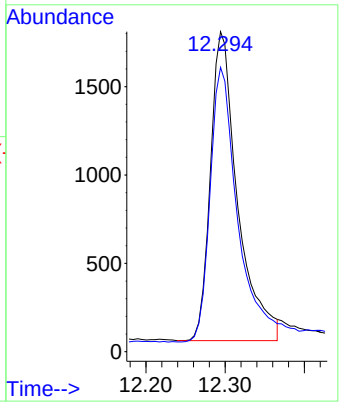


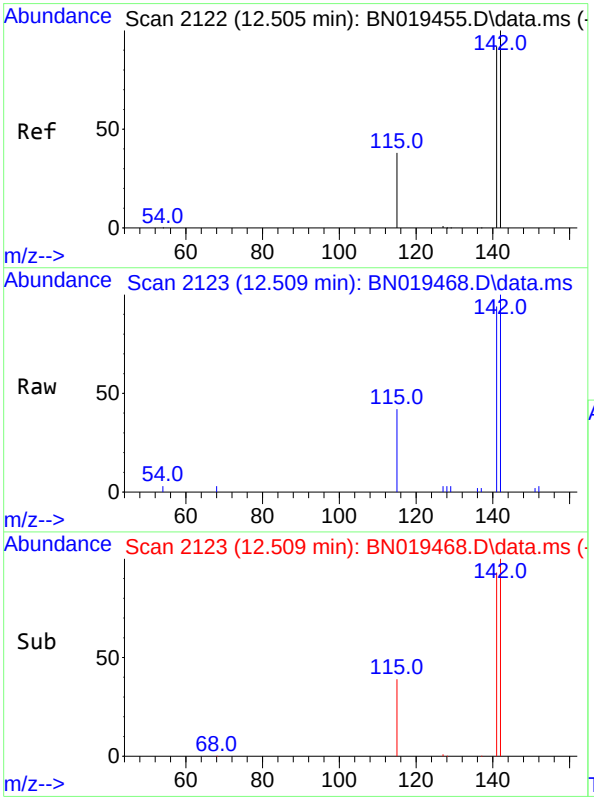
#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:142 Resp: 4169

Ion	Ratio	Lower	Upper
142	100		
141	89.9	0.0	0.0#

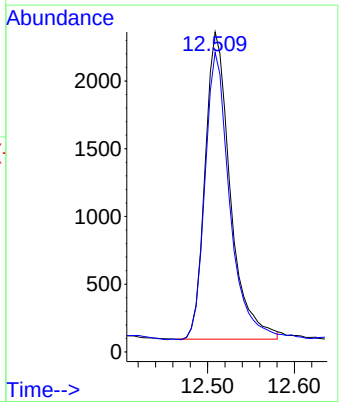


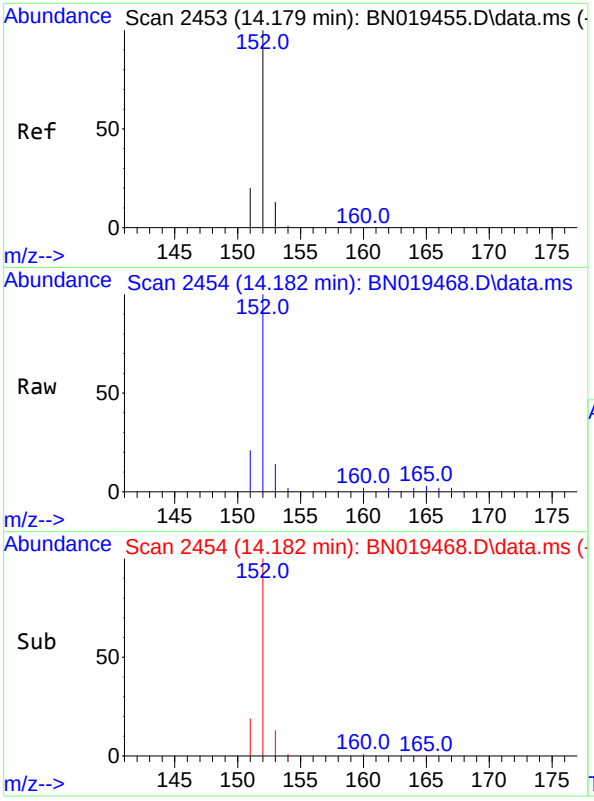


#8
1-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. 0.004 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:142 Resp: 4577

Ion	Ratio	Lower	Upper
142	100		
141	91.8	0.0	0.0#



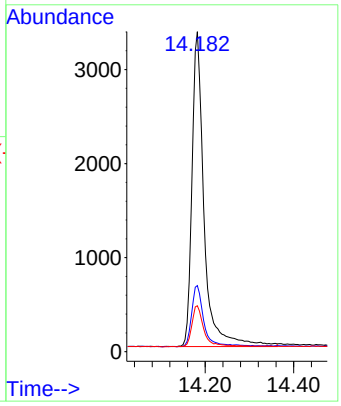


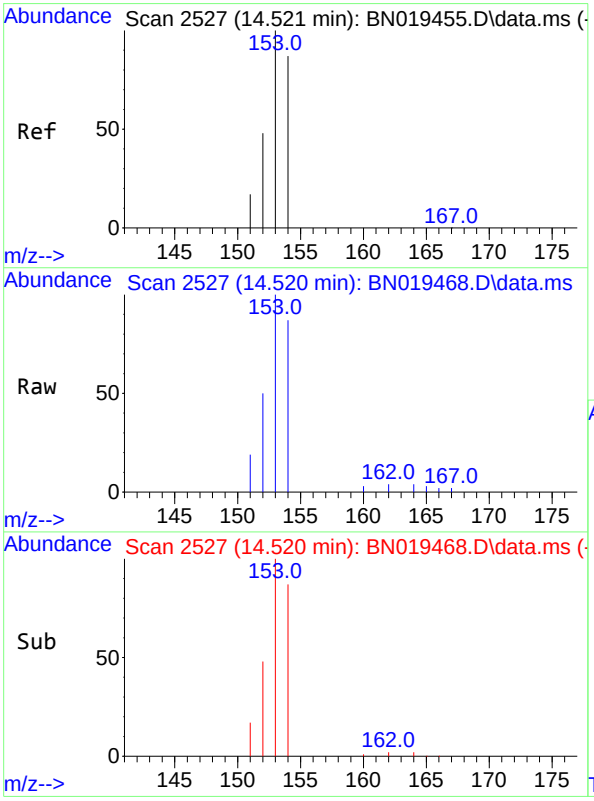
#10
Acenaphthylene
Concen: 0.235 ng/ul
RT: 14.182 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:152 Resp: 6378

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.3	11.1	16.7

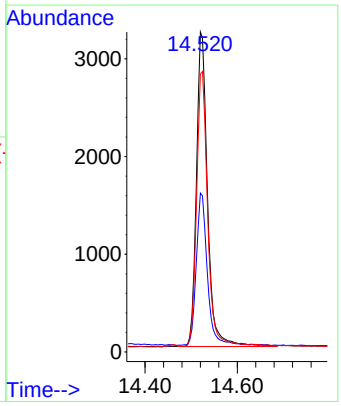


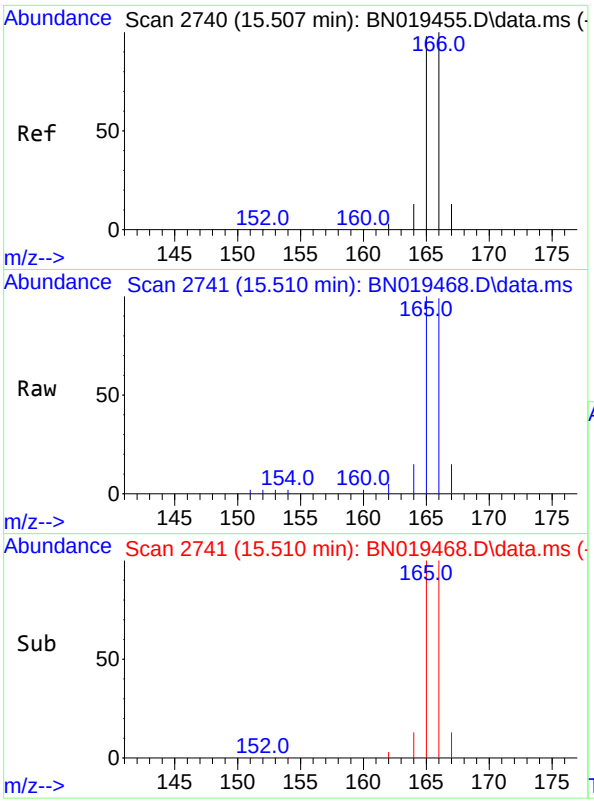


#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:153 Resp: 5391

Ion	Ratio	Lower	Upper
153	100		
152	49.7	38.6	57.8
154	86.8	71.2	106.8



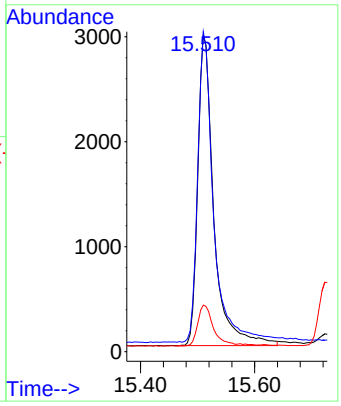


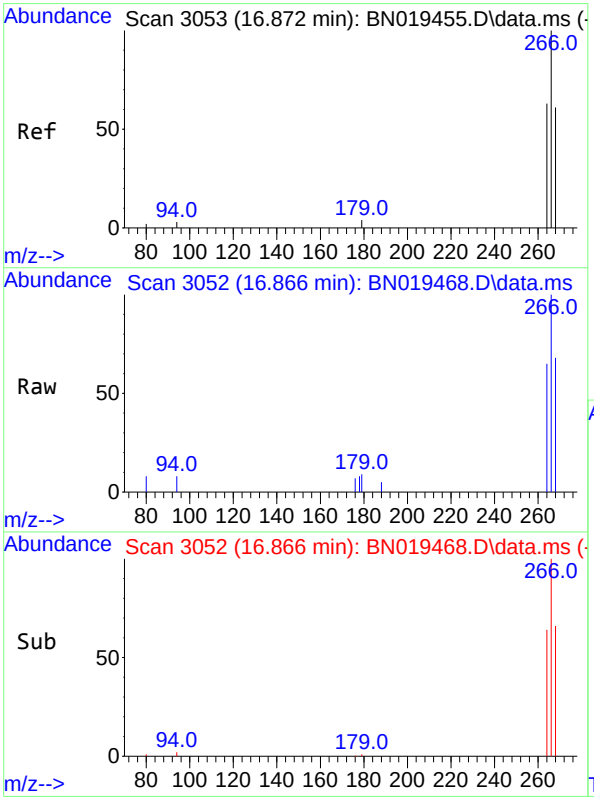
#12
Fluorene
Concen: 0.192 ng/ul
RT: 15.510 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:166 Resp: 5794

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.2
167	14.7	11.3	16.9

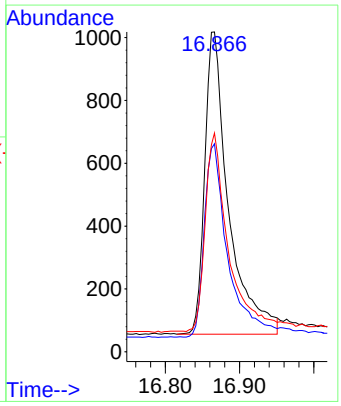


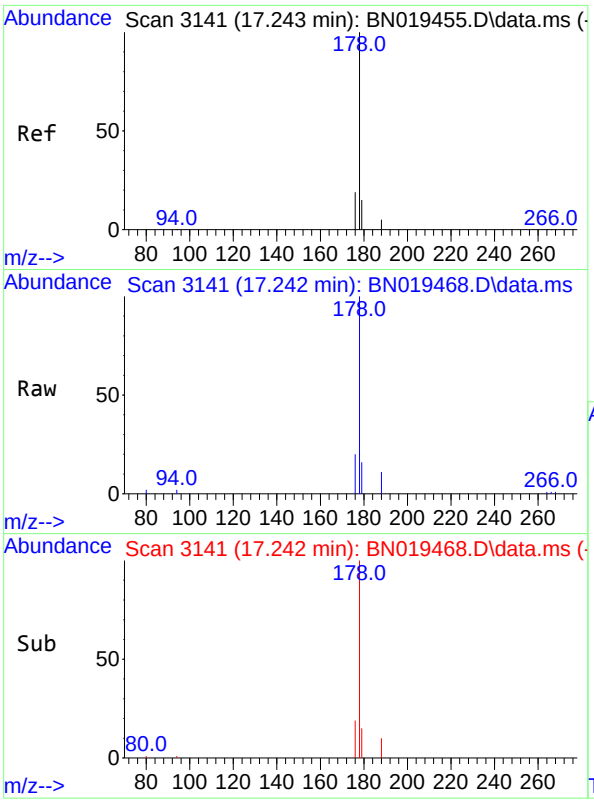


#14
Pentachlorophenol
Concen: 0.981 ng/ul
RT: 16.866 min Scan# 3052
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:266 Resp: 2146

Ion	Ratio	Lower	Upper
266	100		
264	63.3	44.9	67.3
268	63.3	44.6	67.0



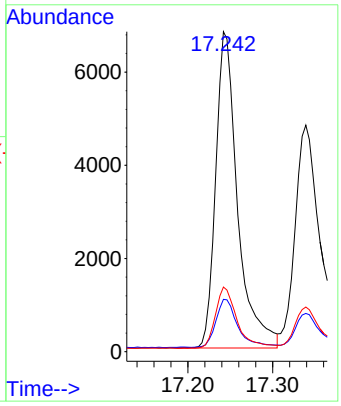


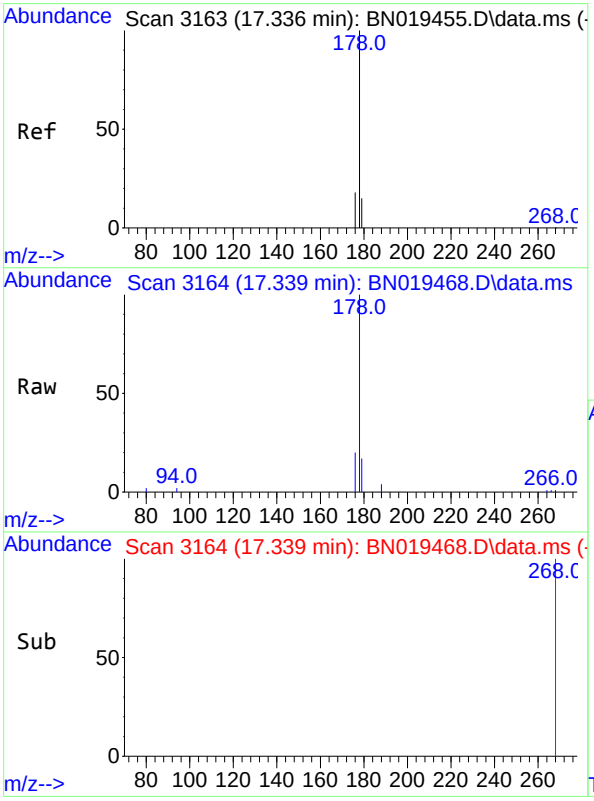
#15
Phenanthrene
Concen: 0.270 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:178 Resp: 12214

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.2	15.5	23.3

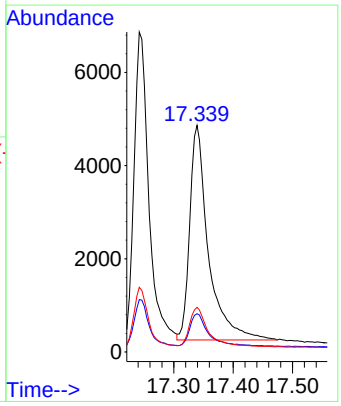


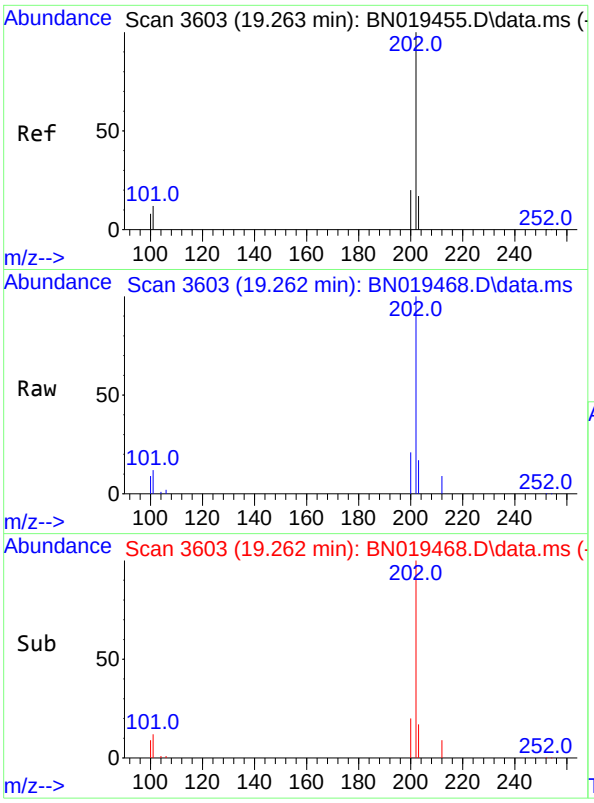


#16
Anthracene
Concen: 0.289 ng/ul
RT: 17.339 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:178 Resp: 10057

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.1	19.7
176	19.7	15.3	22.9



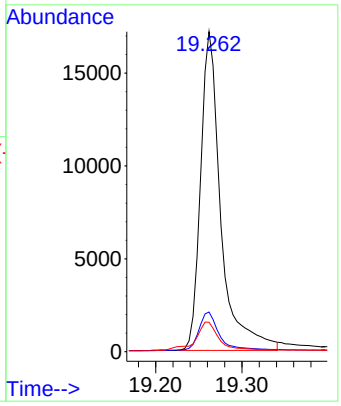


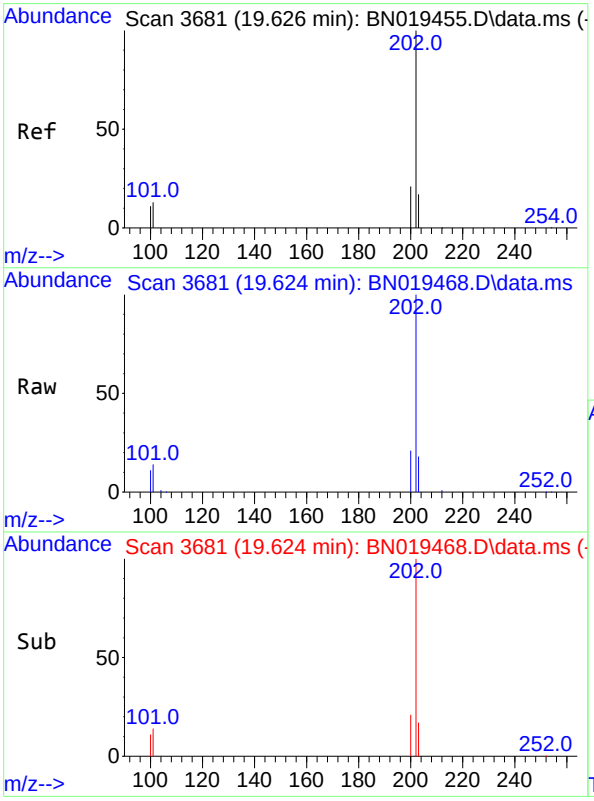
#19
Fluoranthene
Concen: 0.588 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:202 Resp: 28120

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.2	7.4	11.2

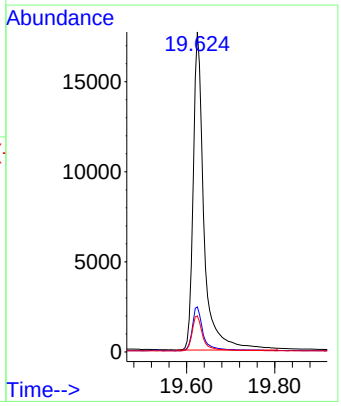


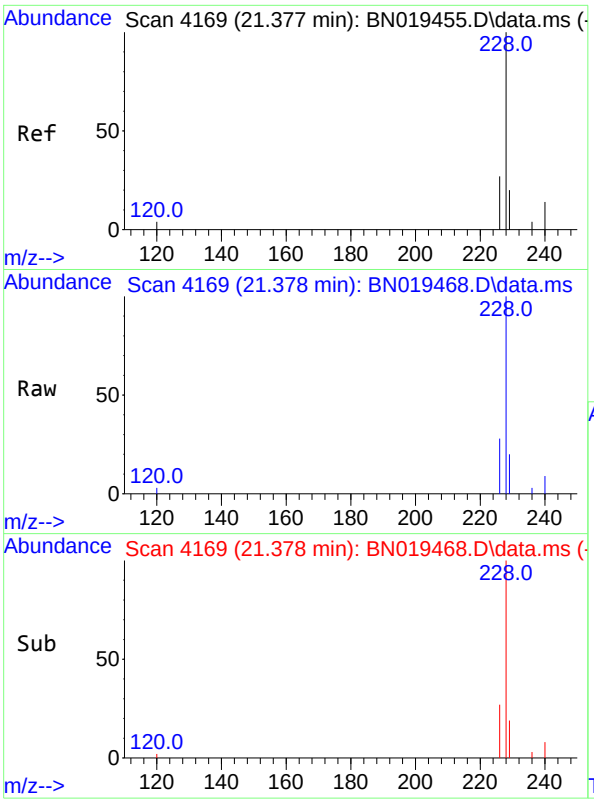


#20
Pyrene
Concen: 0.593 ng/ul
RT: 19.624 min Scan# 3681
Delta R.T. -0.001 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:202 Resp: 30139

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.0
100	11.3	9.0	13.4



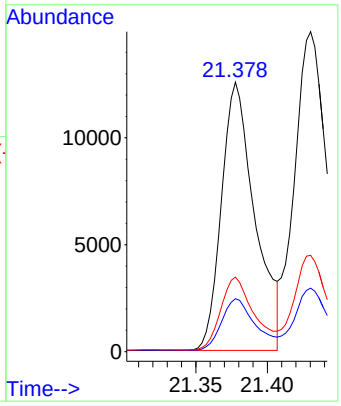


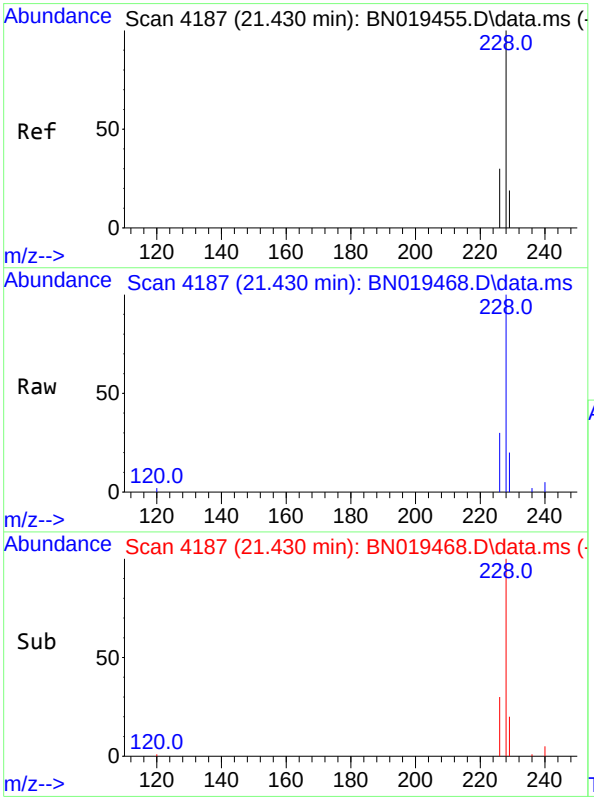
#21
Benzo(a)anthracene
Concen: 0.691 ng/ul
RT: 21.378 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:228 Resp: 20446

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.1	24.1
226	27.7	22.1	33.1

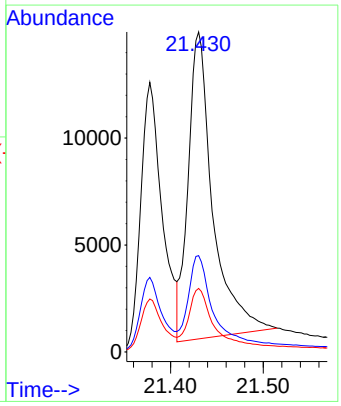


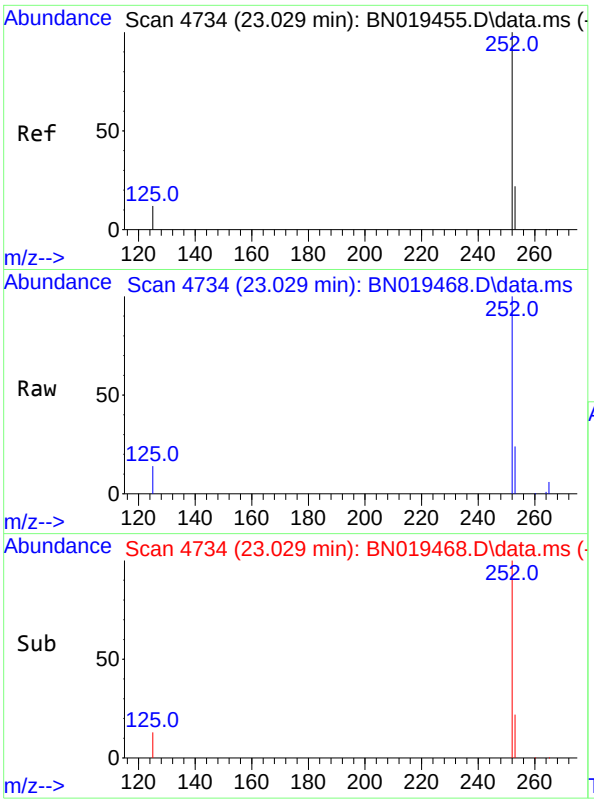


#22
Chrysene
Concen: 0.685 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:228 Resp: 26526

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.9	16.0	24.0



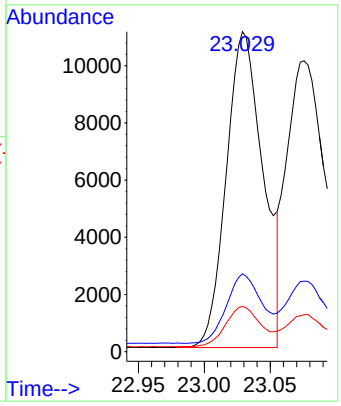


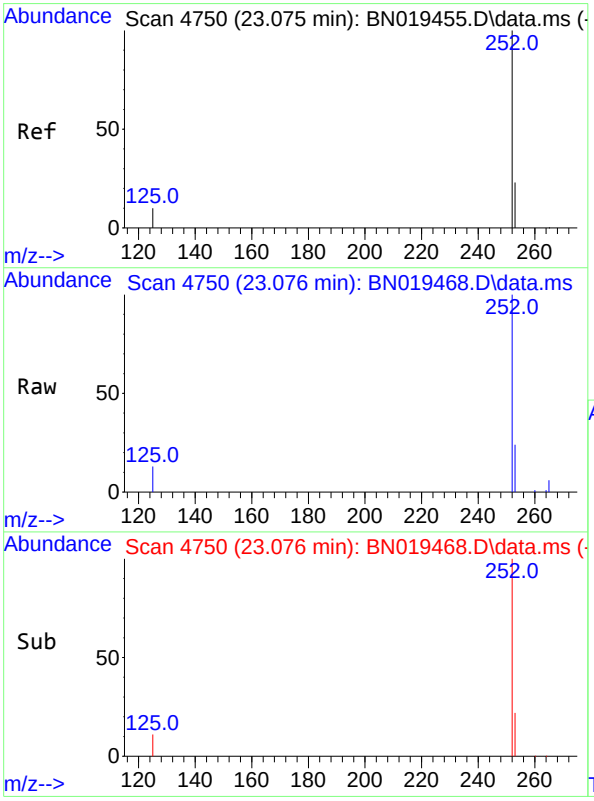
#24
Benzo(b)fluoranthene
Concen: 0.661 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:252 Resp: 21480

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	52.0
125	14.2	0.0	40.2

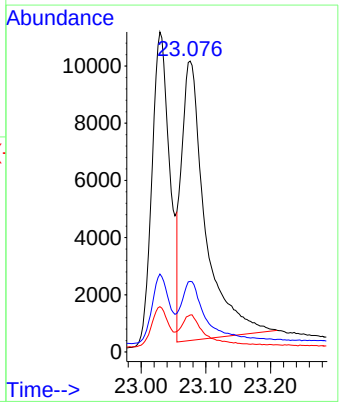


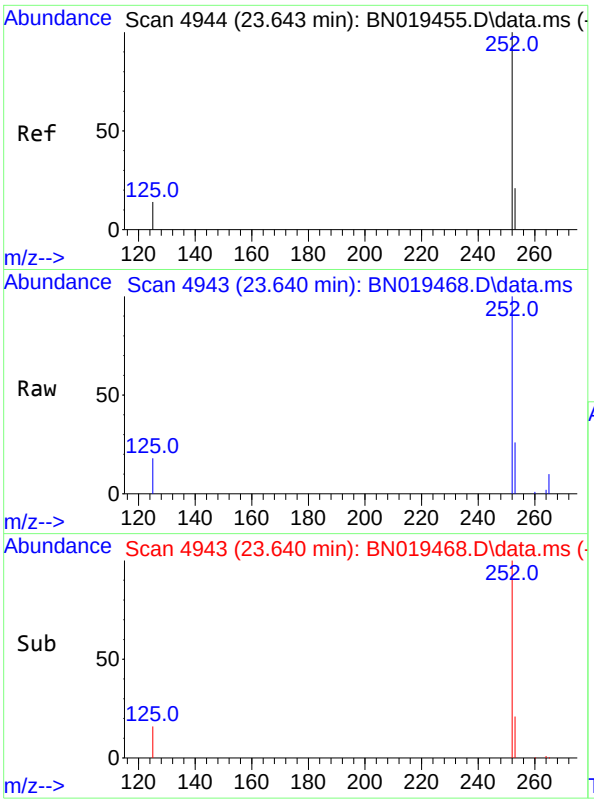


#25
Benzo(k)fluoranthene
Concen: 0.667 ng/ul
RT: 23.076 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:252 Resp: 25023

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	12.7	11.0	16.6



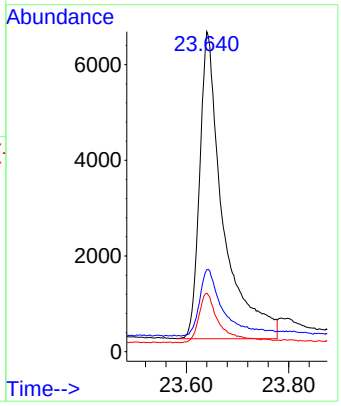


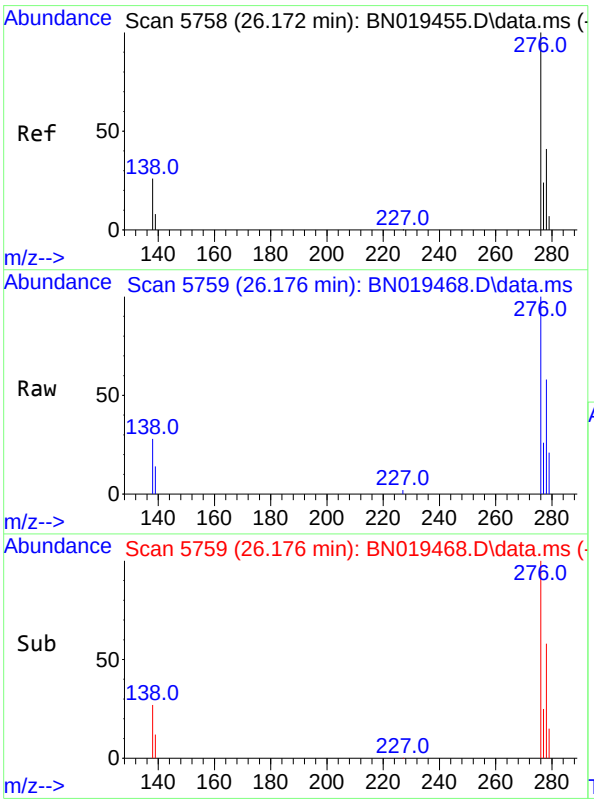
#26
Benzo(a)pyrene
Concen: 0.730 ng/ul
RT: 23.640 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:252 Resp: 20270

Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.4	35.0
125	18.3	28.3	42.5#

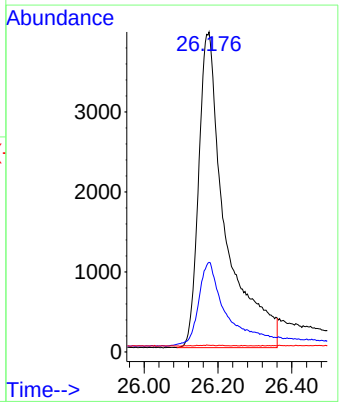


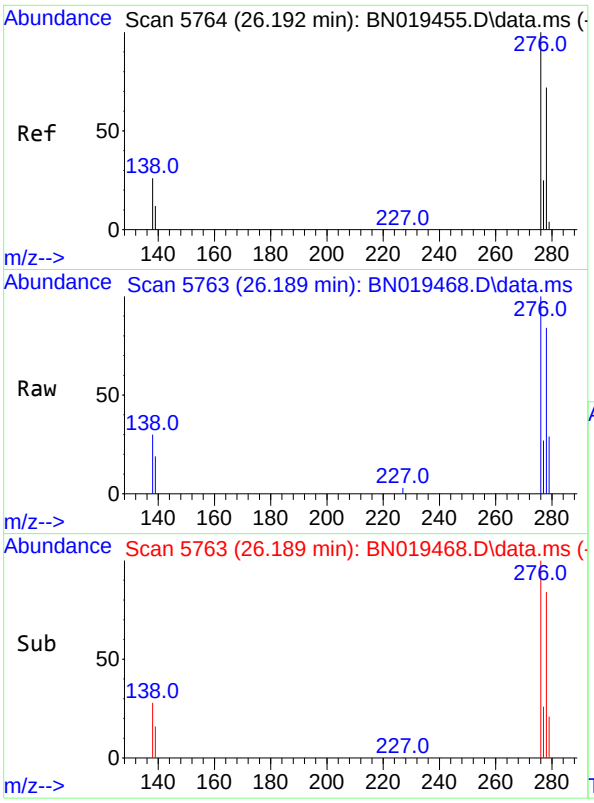


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.644 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. -0.003 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:276 Resp: 19899

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.6	35.4
227	0.1	0.0	0.0#



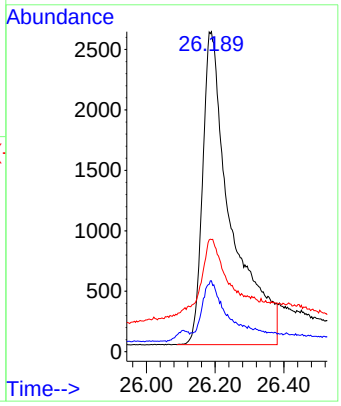


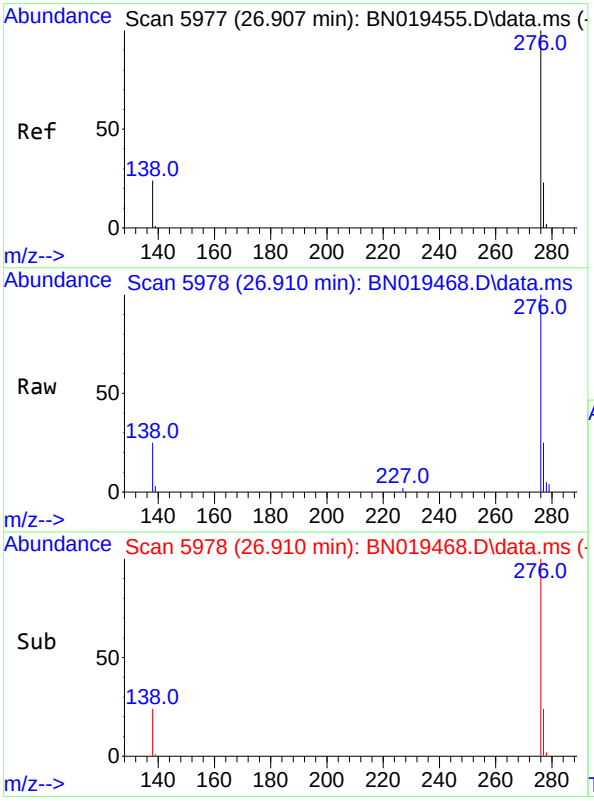
#28
Dibenzo(a,h)anthracene
Concen: 0.676 ng/ul
RT: 26.189 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:278 Resp: 14858

Ion	Ratio	Lower	Upper
278	100		
139	22.2	18.6	28.0
279	35.1	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.654 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. -0.010 min
Lab File: BN019468.D
Acq: 15 Apr 2022 18:26

Tgt Ion:276 Resp: 19532

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.9	31.3
277	24.7	20.4	30.6