Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010322\
Data File : BN018316.D
Acq On : 03 Jan 2022 20:16
Operator : CG/JU
Sample : PB141475BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS475

Quant Time: Jan 04 00:06:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 00:34:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1780	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	6715	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.248	164	4975	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	12071	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	18479	0.400	ng/ul	0.00
23) Perylene-d12	23.408	264	20321	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	1285	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	3415	0.293	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	15886	0.290	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	3129	1.692	ng/ul#	83
5) Naphthalene	10.442	128	6407	0.322	ng/ul	97
7) 2-Methylnaphthalene	12.070	142	4292	0.294	ng/ul	100
8) 1-Methylnaphthalene	12.284	142	4527	0.308	ng/ul	98
10) Acenaphthylene	13.966	152	6682	0.311	ng/ul	96
11) Acenaphthene	14.313	153	5987	0.346	ng/ul	98
12) Fluorene	15.303	166	7243	0.339	ng/ul	98
14) Pentachlorophenol	16.656	266	2366	0.495	ng/ul	98
15) Phenanthrene	17.032	178	14045	0.352	ng/ul	99
16) Anthracene	17.129	178	11256	0.314	ng/ul	97
19) Fluoranthene	19.054	202	21530	0.293	ng/ul	98
20) Pyrene	19.416	202	23883	0.311	ng/ul	99
21) Benzo(a)anthracene	21.170	228	23310	0.331	ng/ul	99
22) Chrysene	21.219	228	29721	0.389	ng/ul	100
24) Benzo(b)fluoranthene	22.739	252	30842	0.363	ng/ul	99
25) Benzo(k)fluoranthene	22.783	252	38801	0.400	ng/ul	98
26) Benzo(a)pyrene	23.309	252	30161	0.374	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.662	276	42313	0.412	ng/ul	100
28) Dibenzo(a,h)anthracene	25.682	278	32340	0.408	ng/ul	97
29) Benzo(g,h,i)perylene	26.350	276	37778	0.432	ng/ul	99

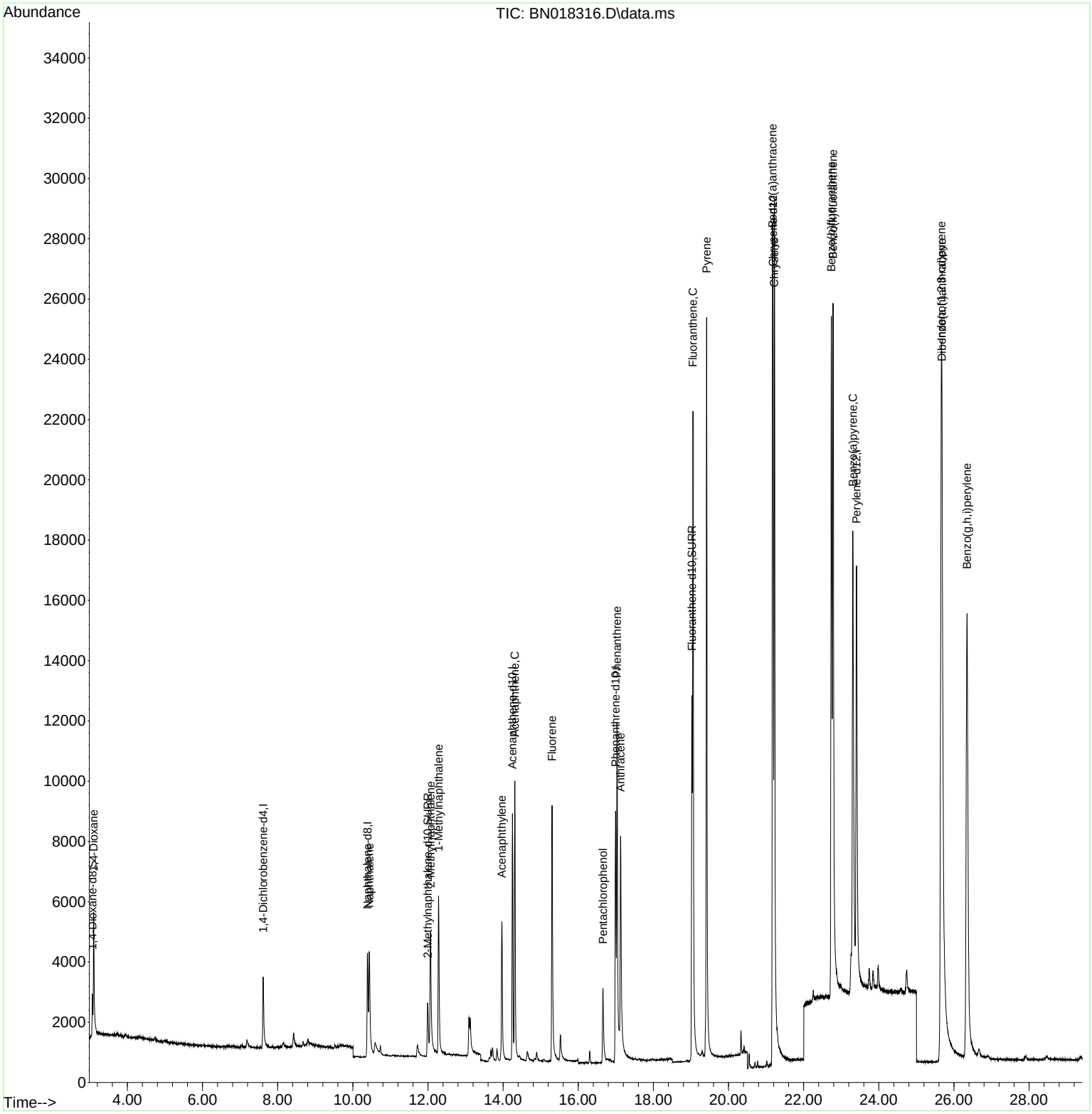
(#) = qualifier out of range (m) = manual integration (+) = signals summed

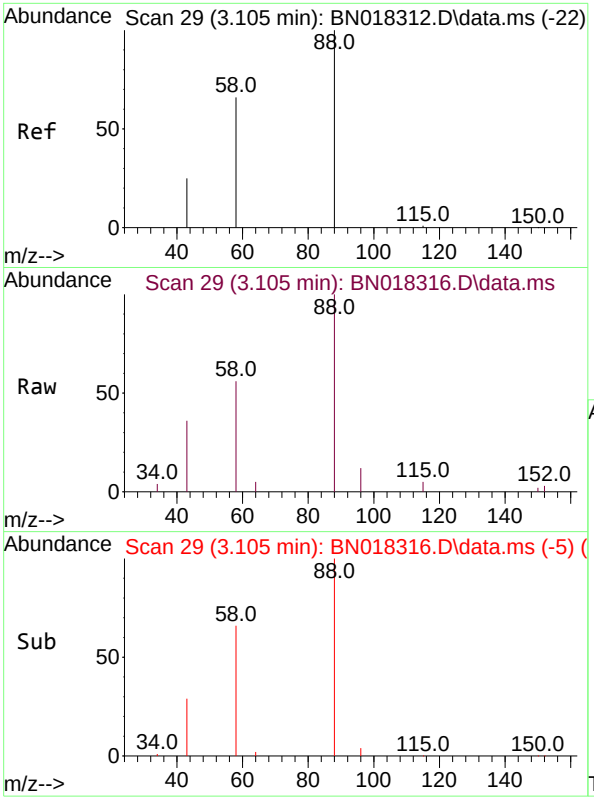
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010322\
Data File : BN018316.D
Acq On : 03 Jan 2022 20:16
Operator : CG/JU
Sample : PB141475BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS475

Quant Time: Jan 04 00:06:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 00:34:45 2021
Response via : Initial Calibration



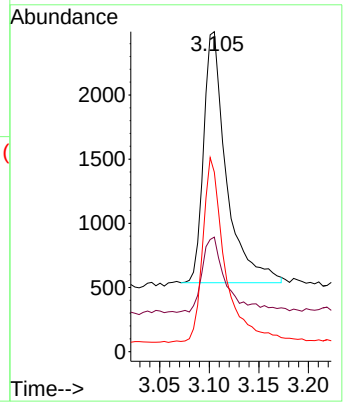


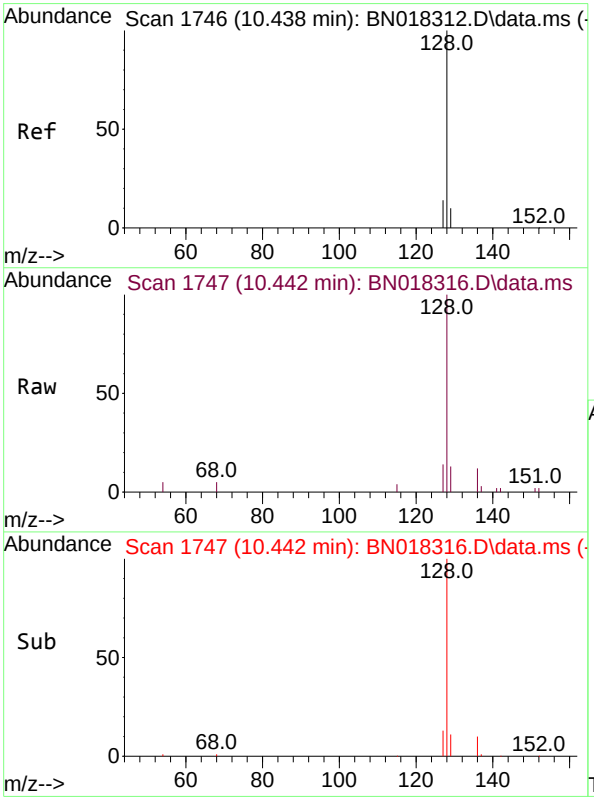
#2
1,4-Dioxane
Concen: 1.692 ng/ul
RT: 3.105 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion: 88 Resp: 3129

Ion	Ratio	Lower	Upper
88	100		
43	35.8	47.8	71.8#
58	56.1	46.2	69.2

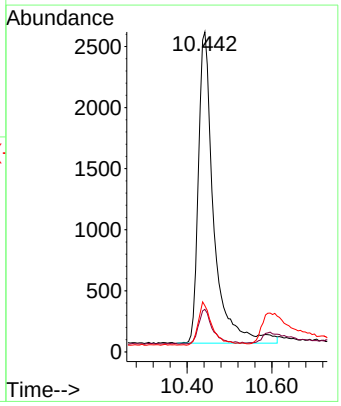


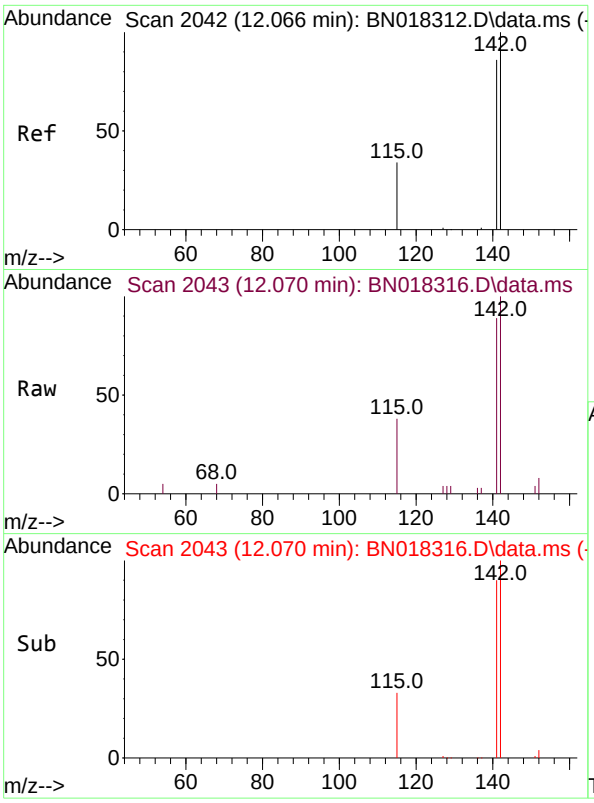


#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. 0.005 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:128 Resp: 6407

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.0
127	14.4	11.0	16.6



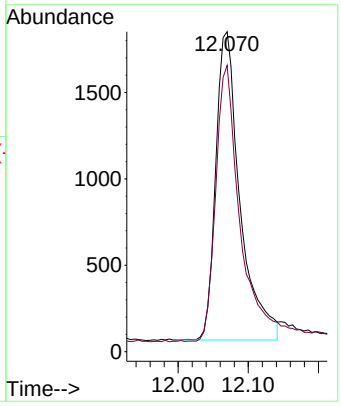


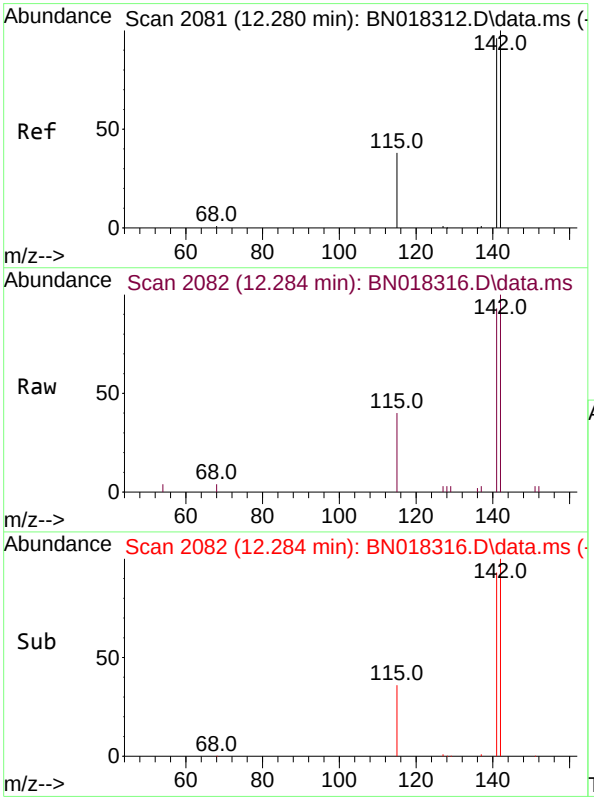
#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.070 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:142 Resp: 4292

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

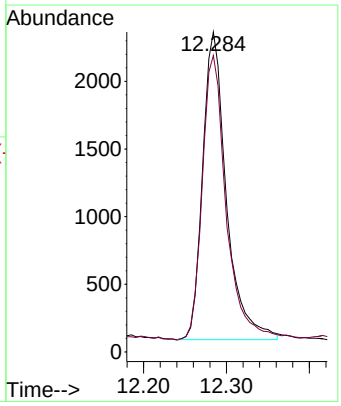


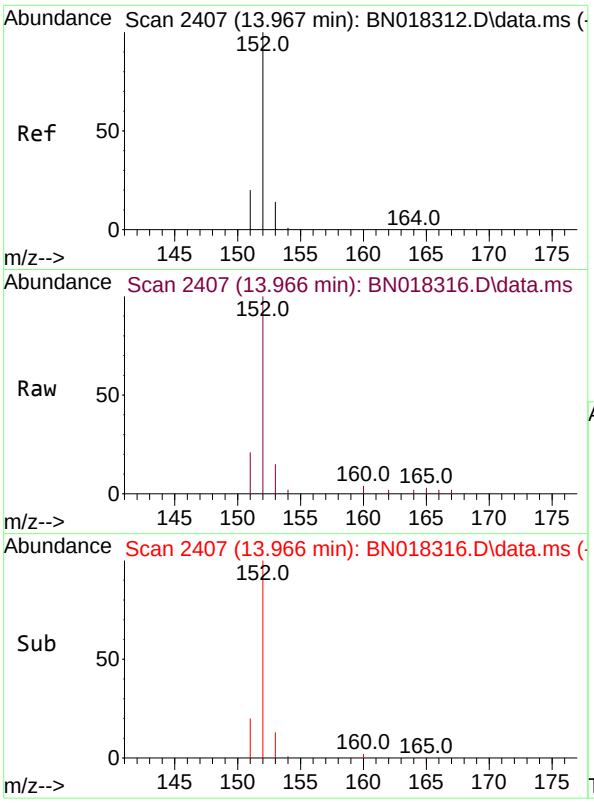


#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. 0.005 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:142 Resp: 4527

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.2	109.8



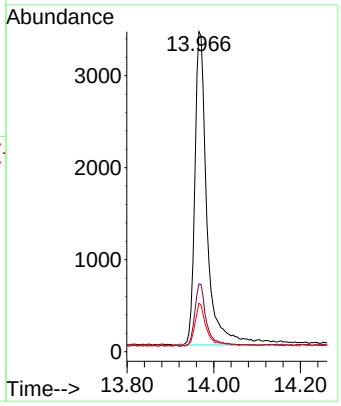


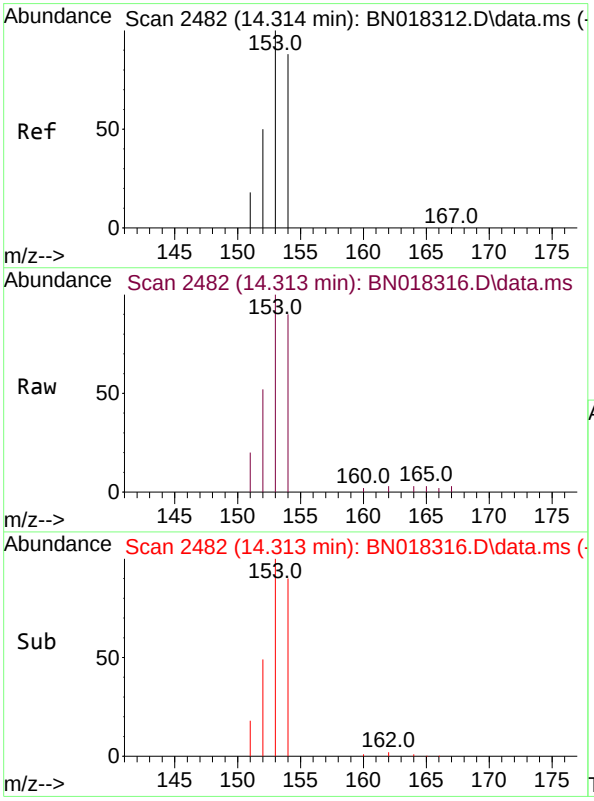
#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 13.966 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:152 Resp: 6682

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.8	23.8
153	15.2	10.7	16.1

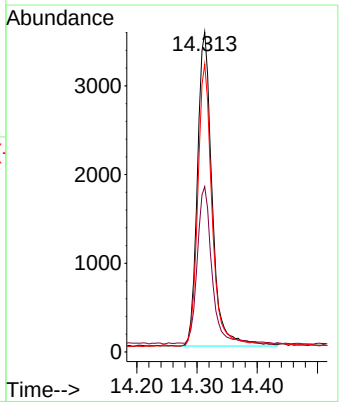


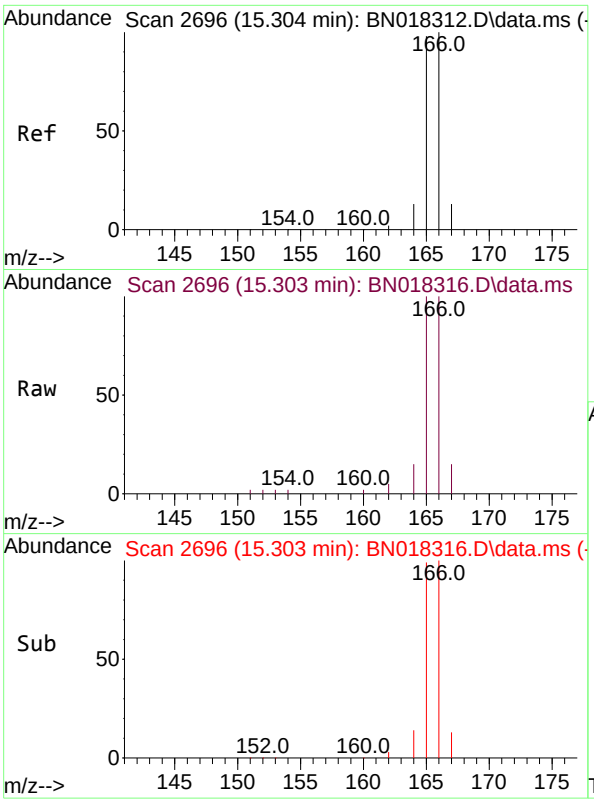


#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.005 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:153 Resp: 5987

Ion	Ratio	Lower	Upper
153	100		
152	51.6	39.7	59.5
154	90.0	70.9	106.3



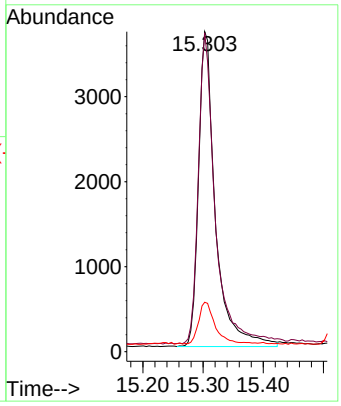


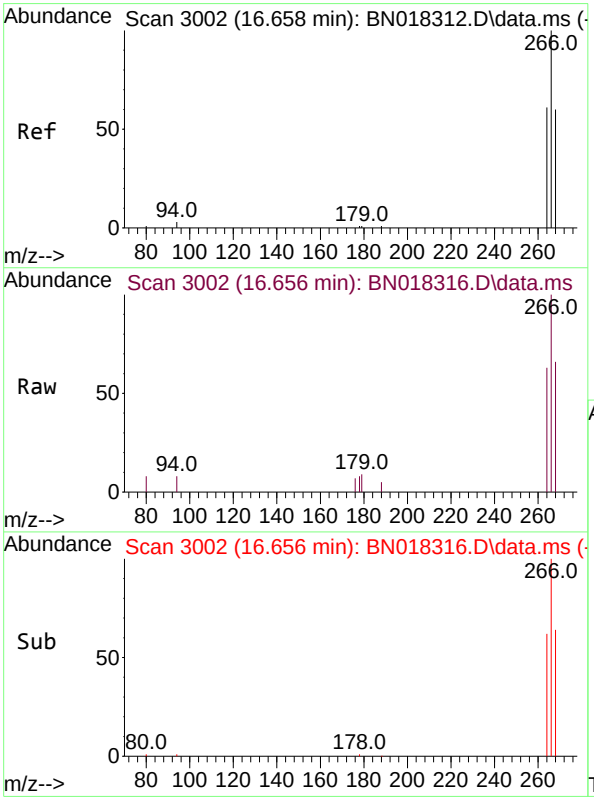
#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.303 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:166 Resp: 7243

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.6
167	15.5	11.6	17.4

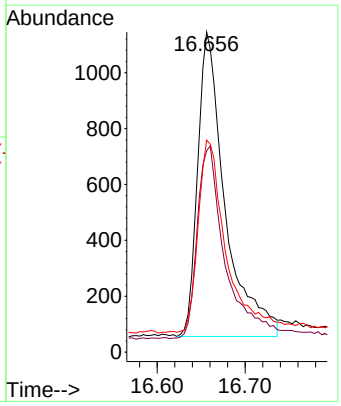


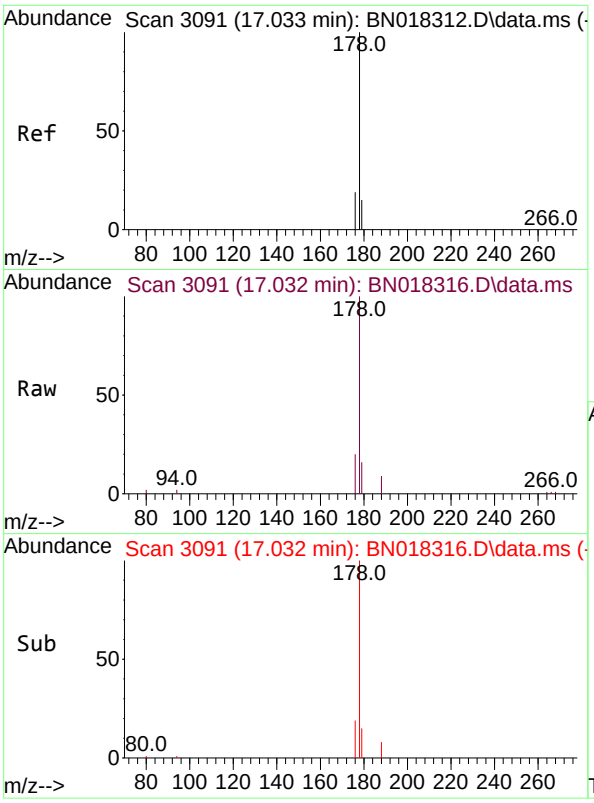


#14
Pentachlorophenol
Concen: 0.495 ng/ul
RT: 16.656 min Scan# 3002
Delta R.T. 0.004 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:266 Resp: 2366

Ion	Ratio	Lower	Upper
266	100		
264	64.6	49.9	74.9
268	64.1	51.7	77.5



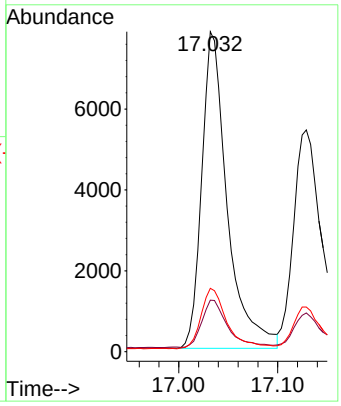


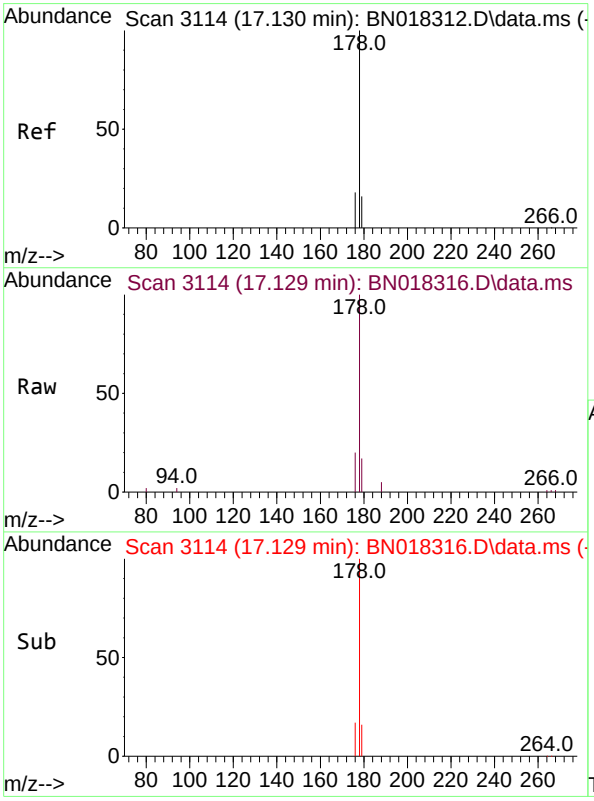
#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.032 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:178 Resp: 14045

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.8	15.4	23.2

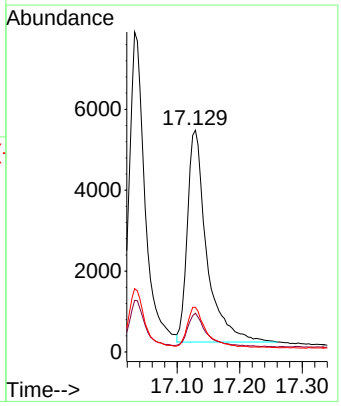


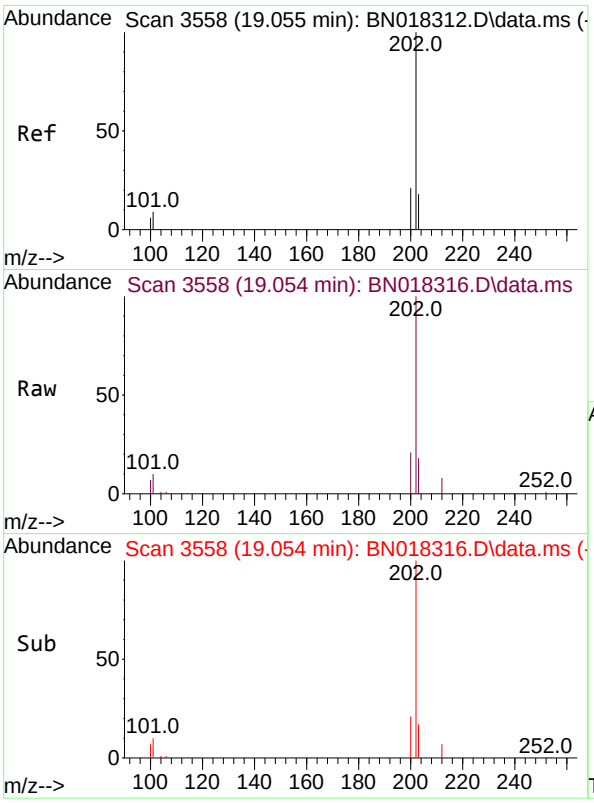


#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. 0.008 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:178 Resp: 11256

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	20.1	15.5	23.3



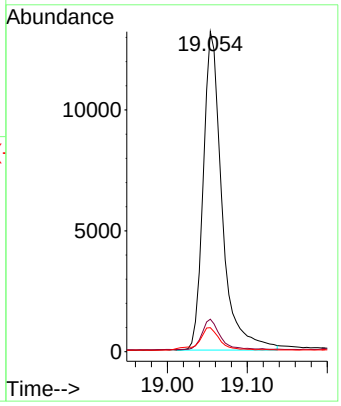


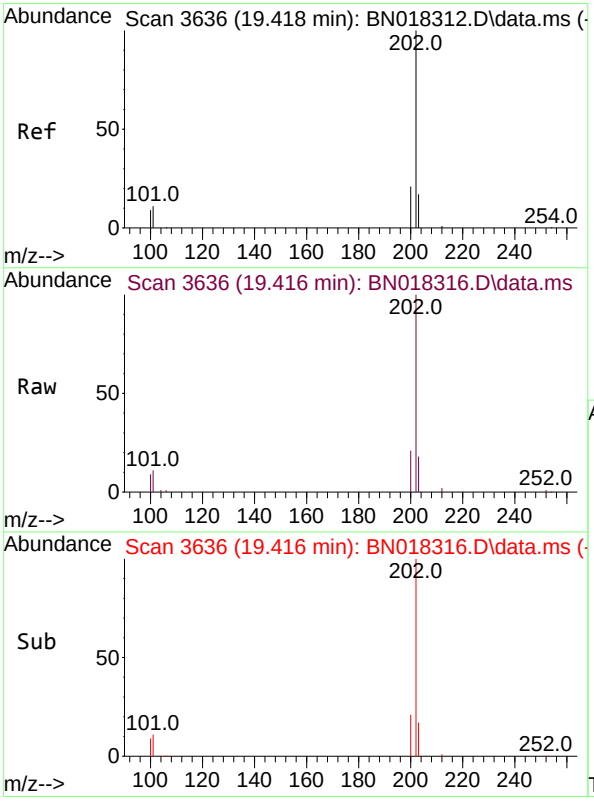
#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.054 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:202 Resp: 21530

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
100	7.5	5.4	8.2

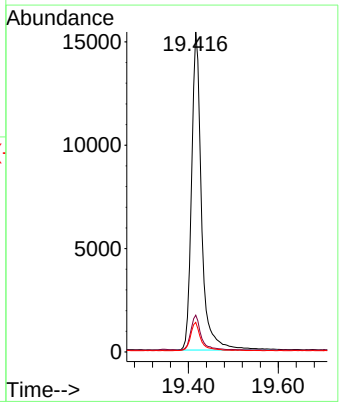


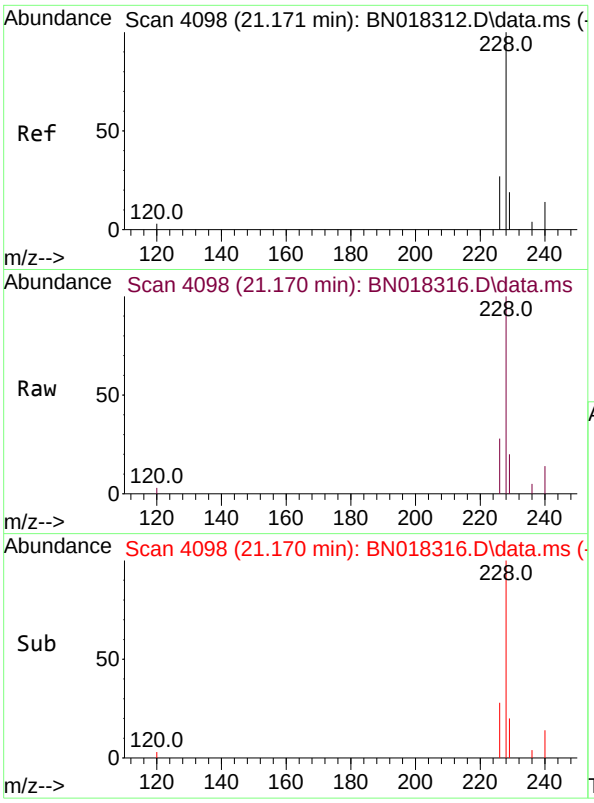


#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:202 Resp: 23883

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
100	9.2	7.0	10.4



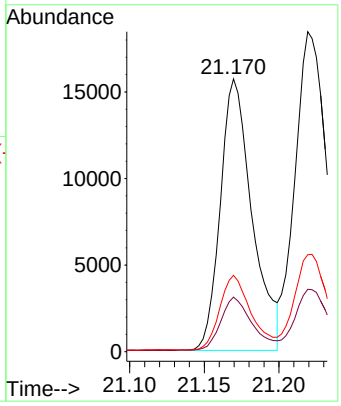


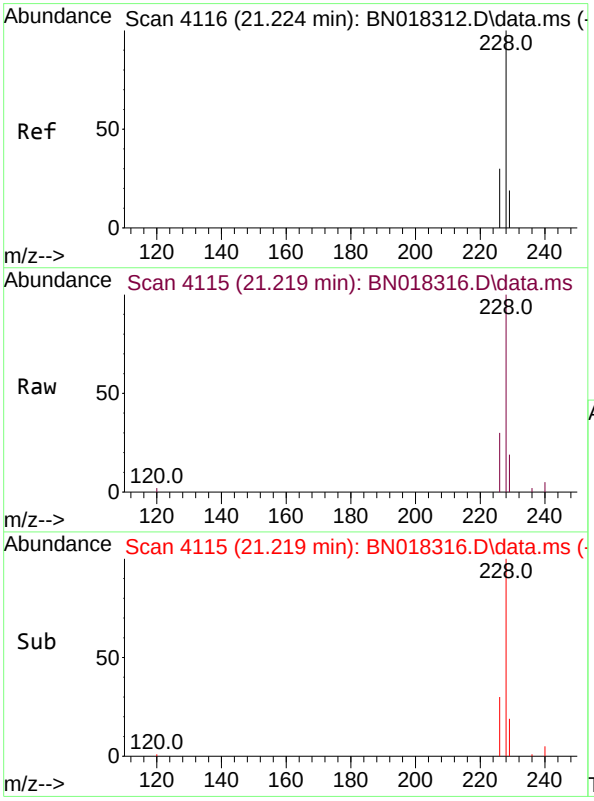
#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.170 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:228 Resp: 23310

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	28.0	22.1	33.1

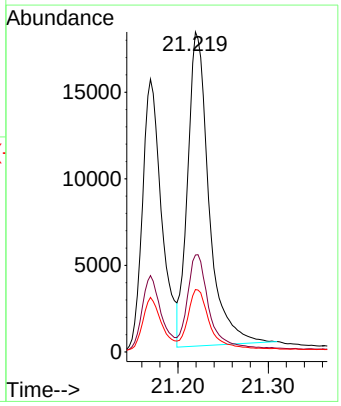


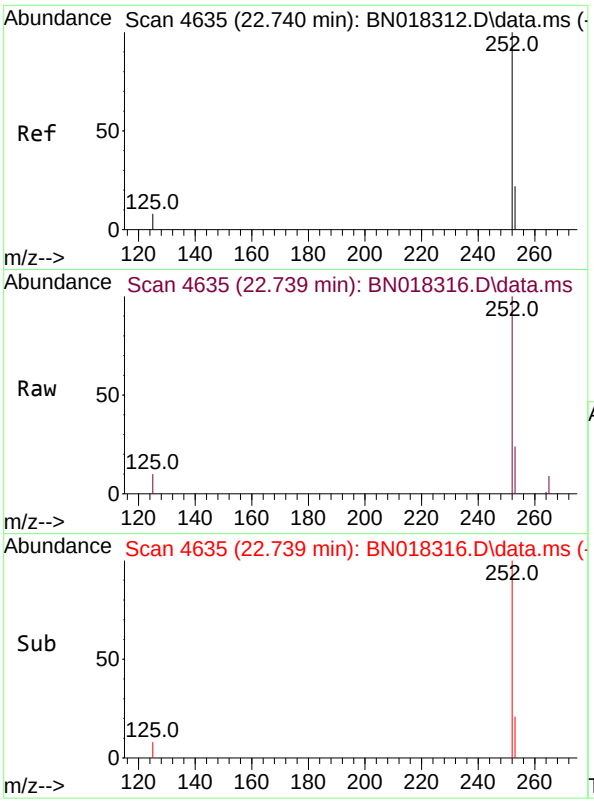


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:228 Resp: 29721

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.5	15.7	23.5



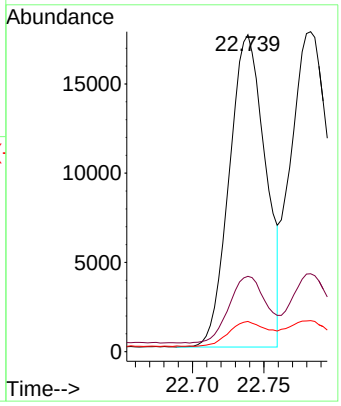


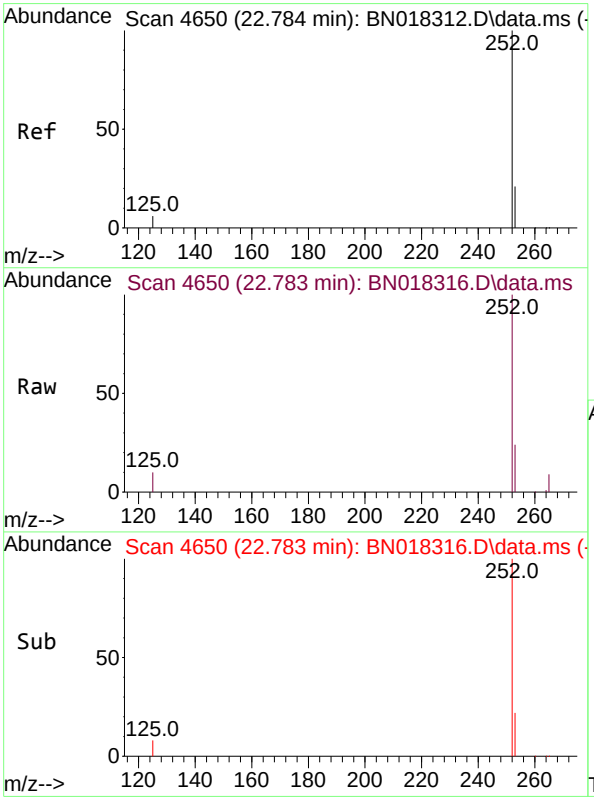
#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.739 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:252 Resp: 30842

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	46.4
125	9.5	0.0	17.8

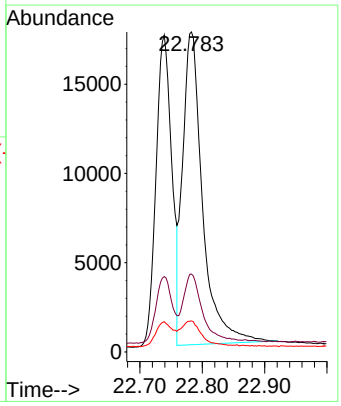


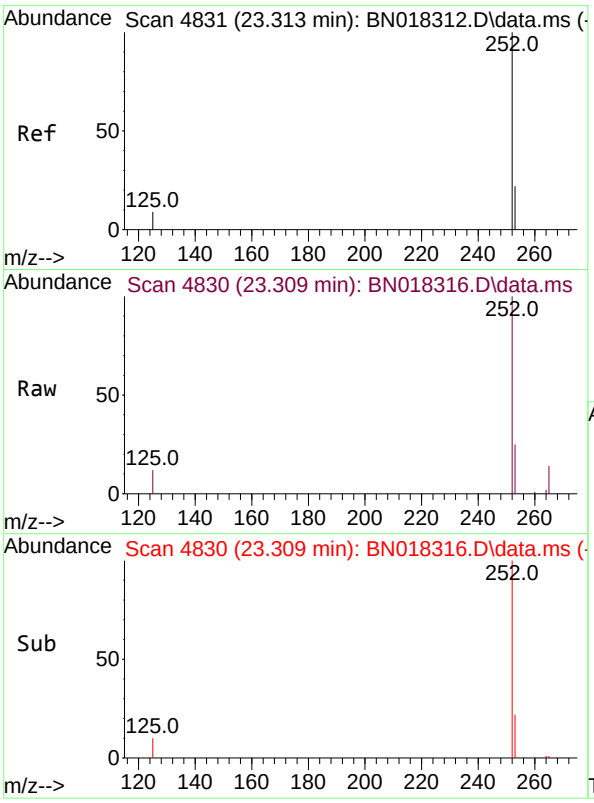


#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.783 min Scan# 4650
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:252 Resp: 38801

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	9.7	7.3	10.9



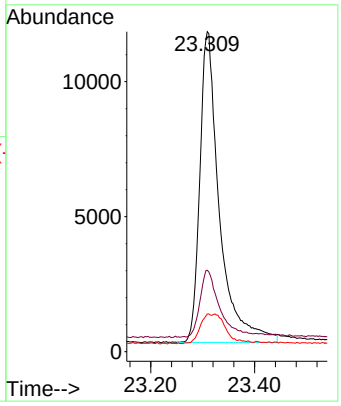


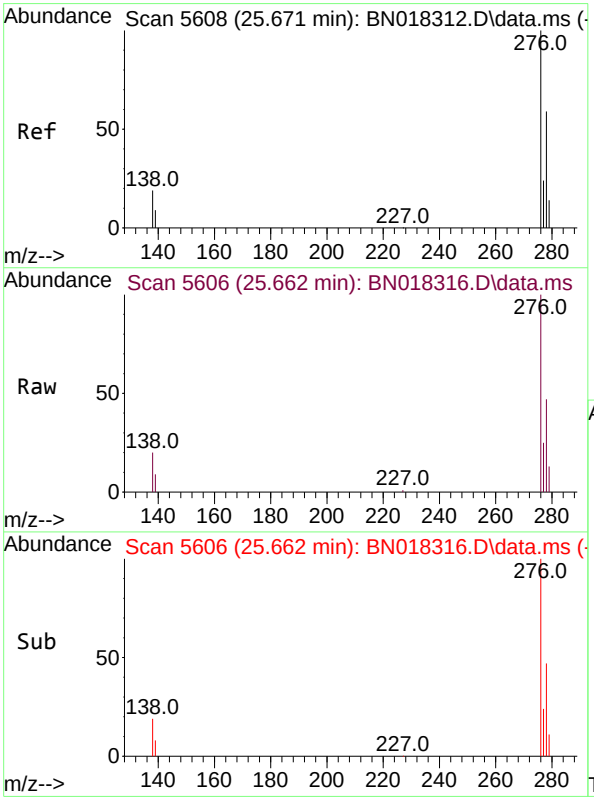
#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.309 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:252 Resp: 30161

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.9	28.3
125	11.7	8.2	12.2

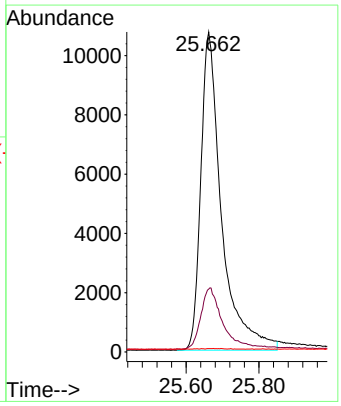


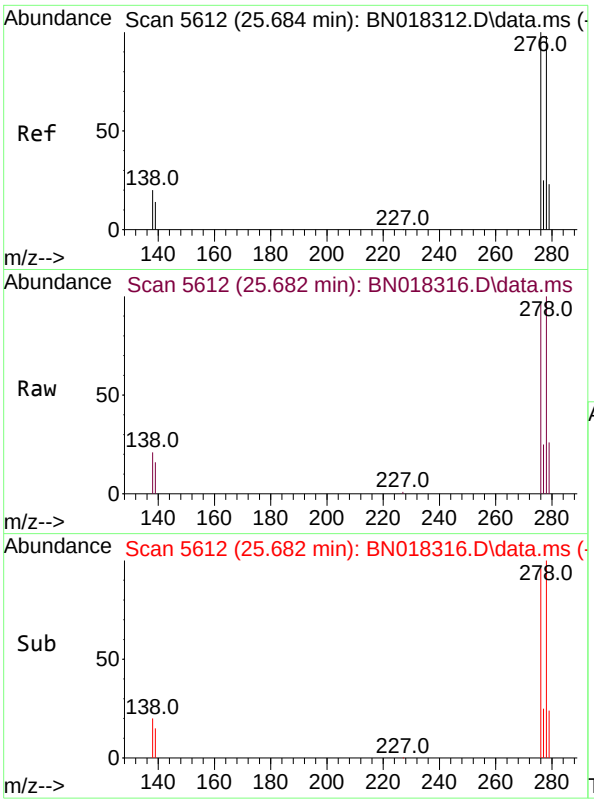


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.662 min Scan# 5606
Delta R.T. -0.003 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:276 Resp: 42313

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
227	0.1	0.1	0.1



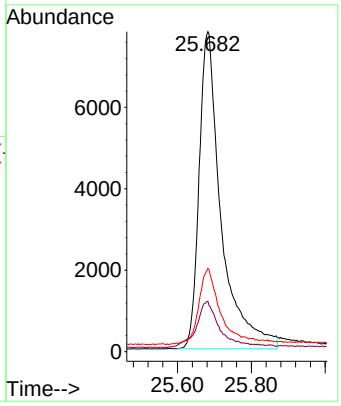


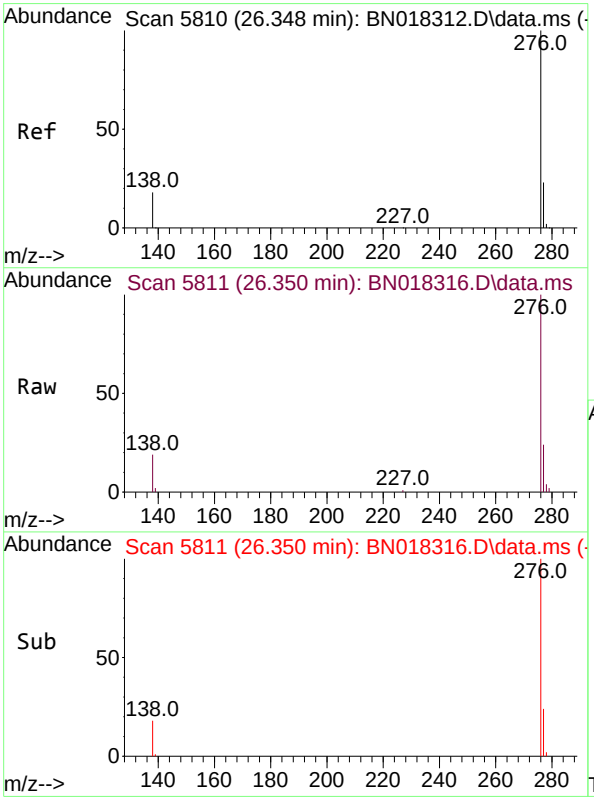
#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.682 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SLCS475

Tgt Ion:278 Resp: 32340

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.9	17.9
279	26.0	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.350 min Scan# 5811
Delta R.T. -0.003 min
Lab File: BN018316.D
Acq: 03 Jan 2022 20:16

Tgt Ion:276 Resp: 37778

Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.4	21.6
277	24.5	19.2	28.8