Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020122\
Data File : BN018536.D
Acq On : 02 Feb 2022 04:43
Operator : CG/JU
Sample : PB142349BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS349

Quant Time: Feb 02 05:57:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 03:59:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1330	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.558	164	719	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.294	188	1419	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.465	240	1312	0.400	ng/ul	# 0.00
23) Perylene-d12	23.861	264	1204	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	302	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	695	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.319	212	1553	0.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.332	88	827	1.742	ng/ul#	71
5) Naphthalene	10.783	128	1408	0.384	ng/ul#	91
7) 2-Methylnaphthalene	12.394	142	870	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	879	0.370	ng/ul	100
10) Acenaphthylene	14.276	152	1238	0.414	ng/ul#	90
11) Acenaphthene	14.618	153	946	0.381	ng/ul	98
12) Fluorene	15.603	166	1043	0.392	ng/ul#	98
14) Pentachlorophenol	16.947	266	267	2.117	ng/ul	99
15) Phenanthrene	17.336	178	1781	0.389	ng/ul	93
16) Anthracene	17.429	178	1463	0.388	ng/ul#	92
19) Fluoranthene	19.346	202	2121	0.419	ng/ul#	86
20) Pyrene	19.709	202	2184	0.420	ng/ul#	87
21) Benzo(a)anthracene	21.450	228	1904	0.441	ng/ul	96
22) Chrysene	21.500	228	2274	0.457	ng/ul	96
24) Benzo(b)fluoranthene	23.131	252	2255	0.449	ng/ul	89
25) Benzo(k)fluoranthene	23.177	252	2241	0.426	ng/ul#	89
26) Benzo(a)pyrene	23.753	252	2054	0.492	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.346	276	2433	0.447	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.366	278	1975	0.462	ng/ul#	82
29) Benzo(g,h,i)perylene	27.107	276	2148	0.453	ng/ul#	81

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

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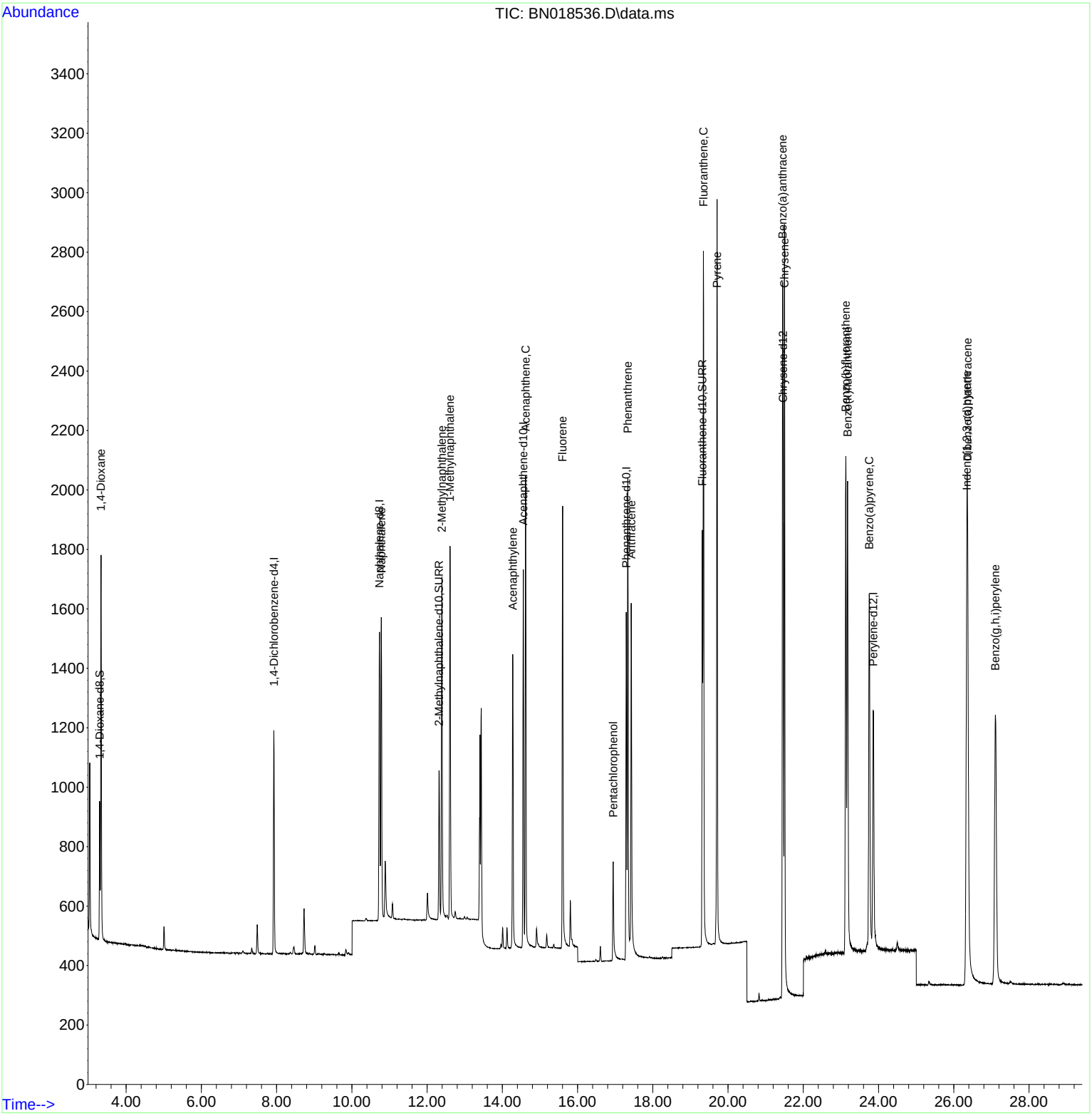
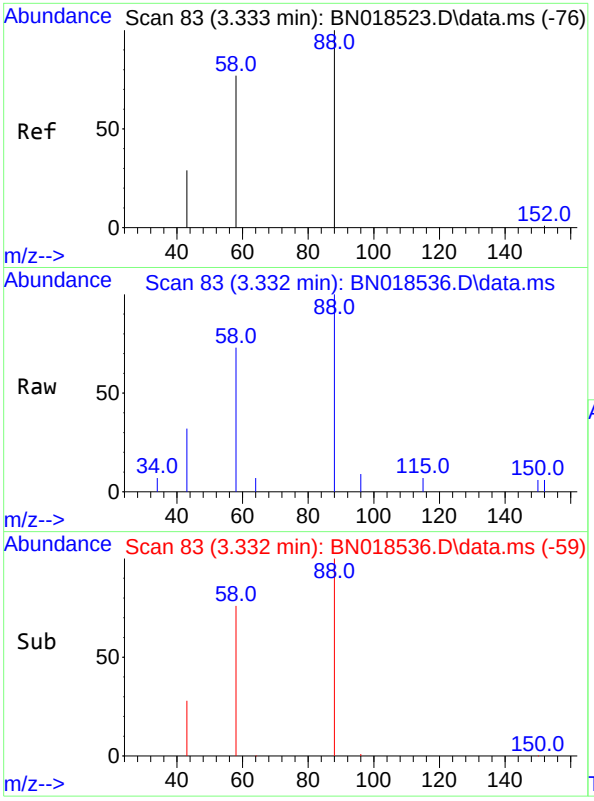


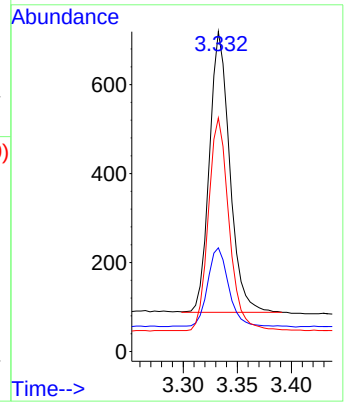


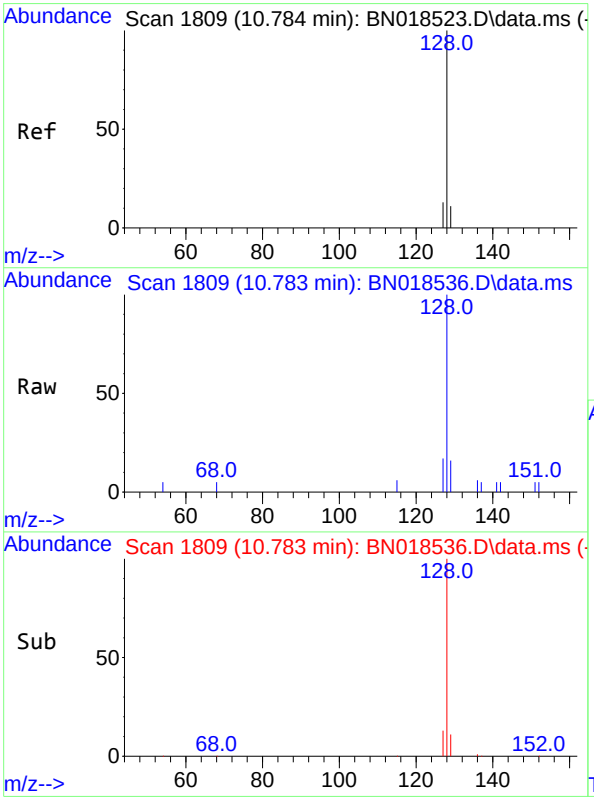
#2
1,4-Dioxane
Concen: 1.742 ng/ul
RT: 3.332 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion: 88 Resp: 827

Ion	Ratio	Lower	Upper
88	100		
43	32.4	47.8	71.8#
58	73.0	46.2	69.2#

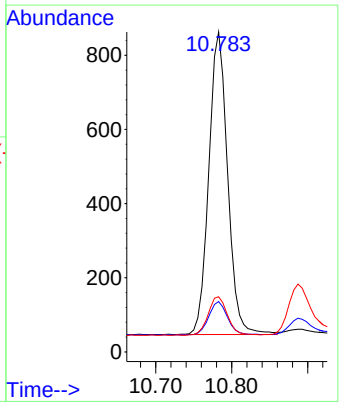


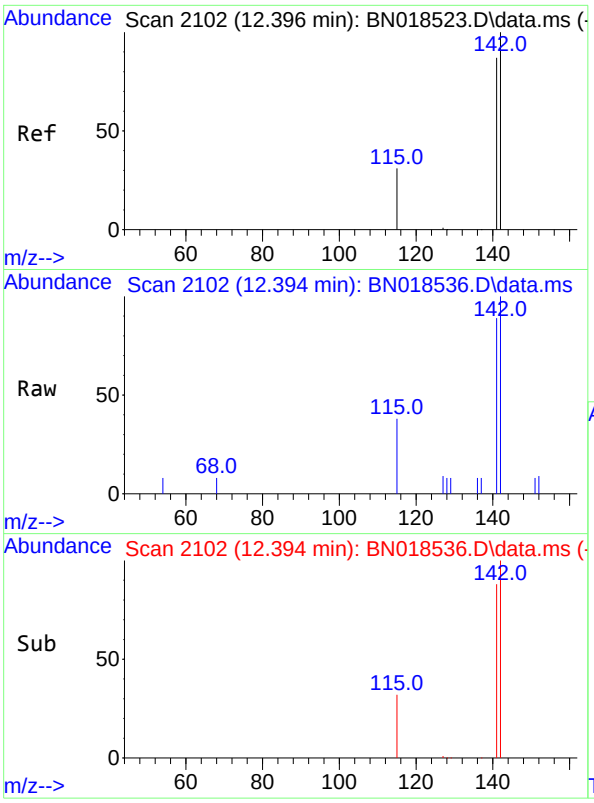


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:128 Resp: 1408

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.4	14.0#
127	17.3	11.0	16.6#



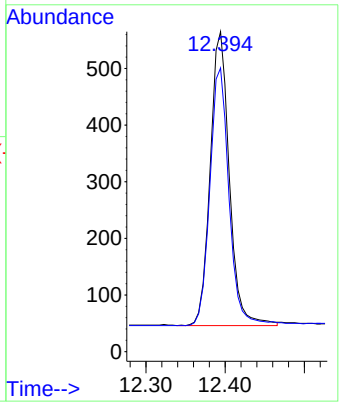


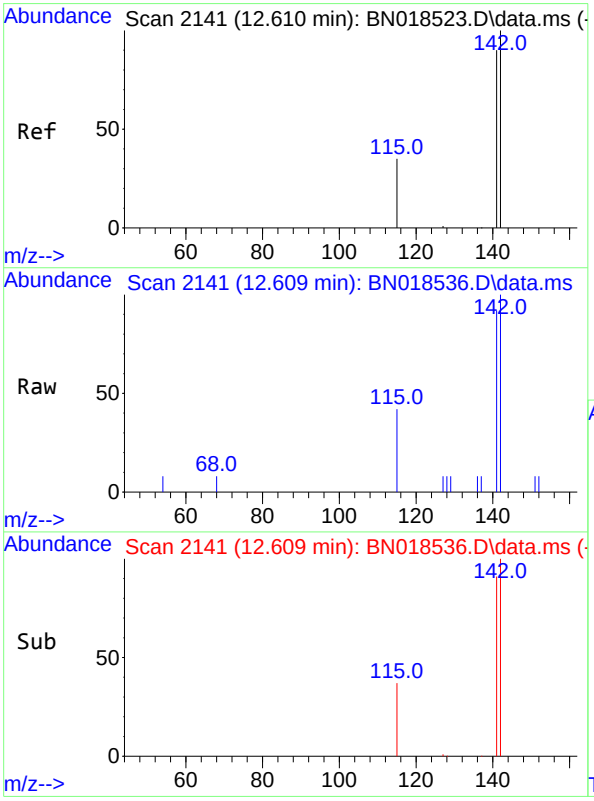
#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.394 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:142 Resp: 870

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.9	106.3

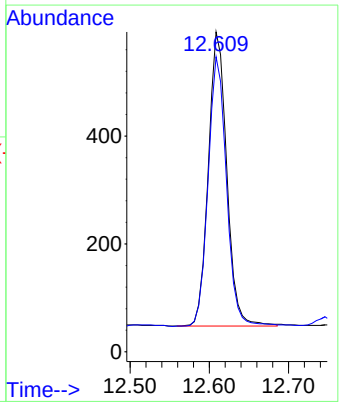


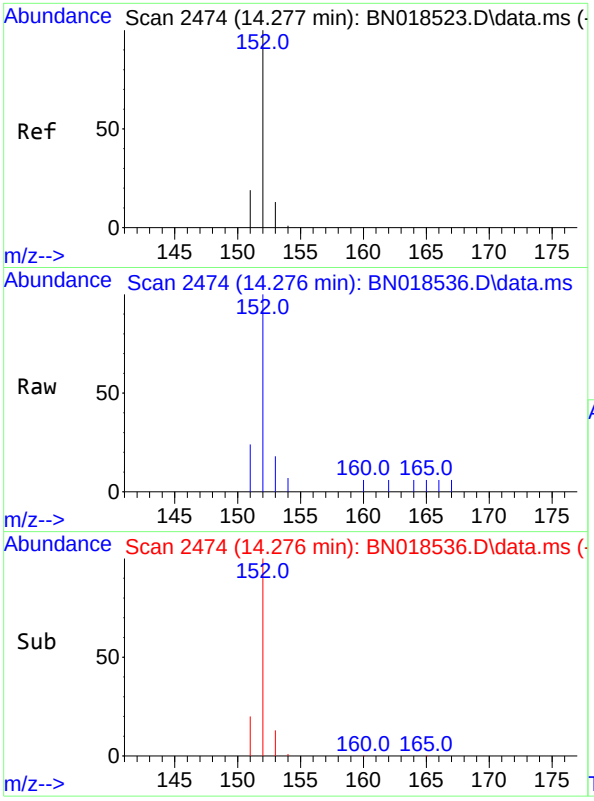


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:142 Resp: 879

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.2	109.8



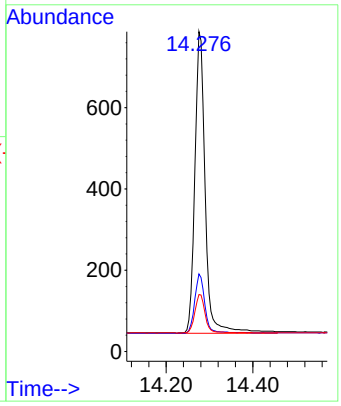


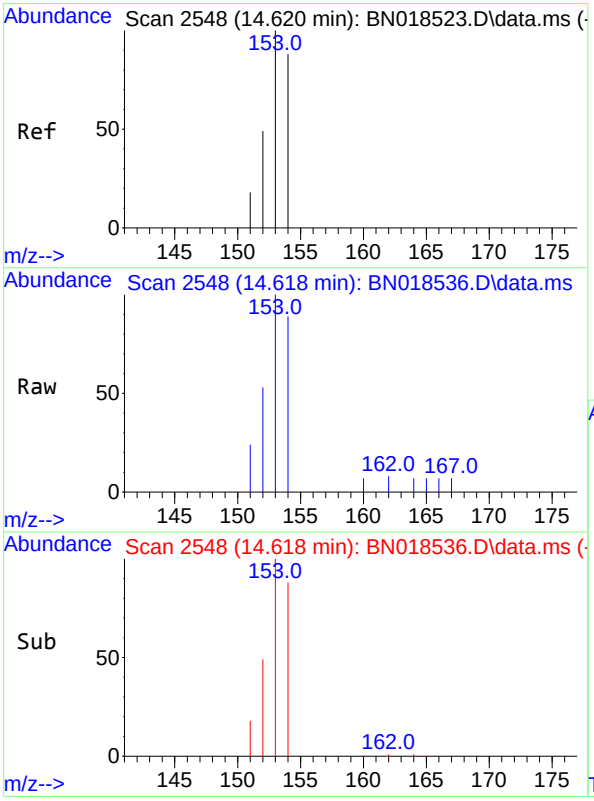
#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.276 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:152 Resp: 1238

Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.8	23.8#
153	17.8	10.7	16.1#

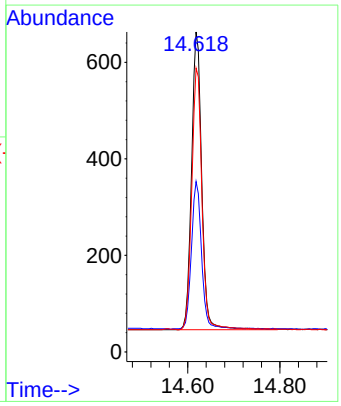


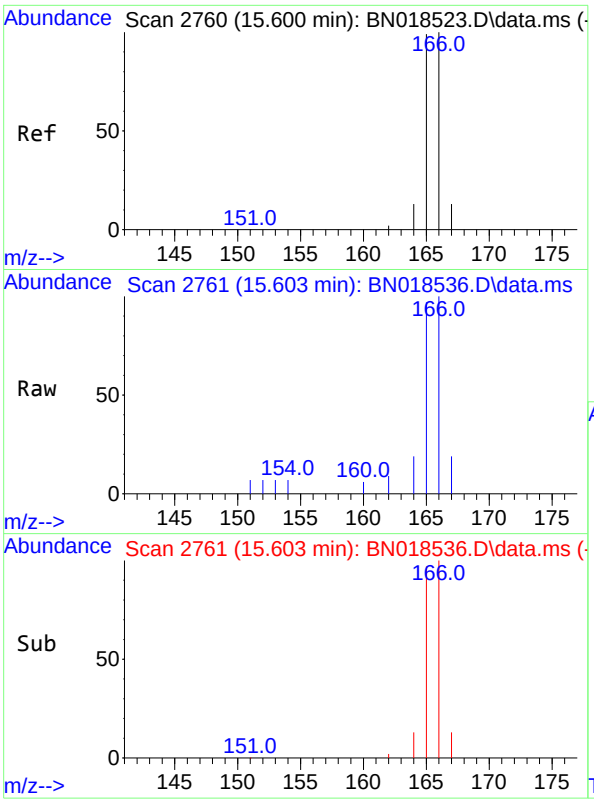


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.002 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:153 Resp: 946

Ion	Ratio	Lower	Upper
153	100		
152	53.2	39.7	59.5
154	88.7	70.9	106.3



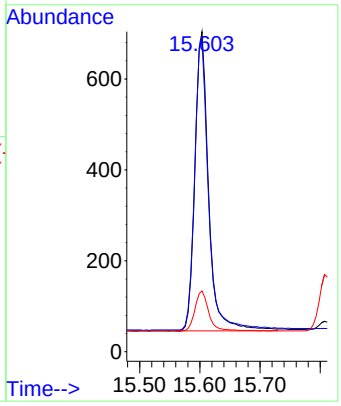


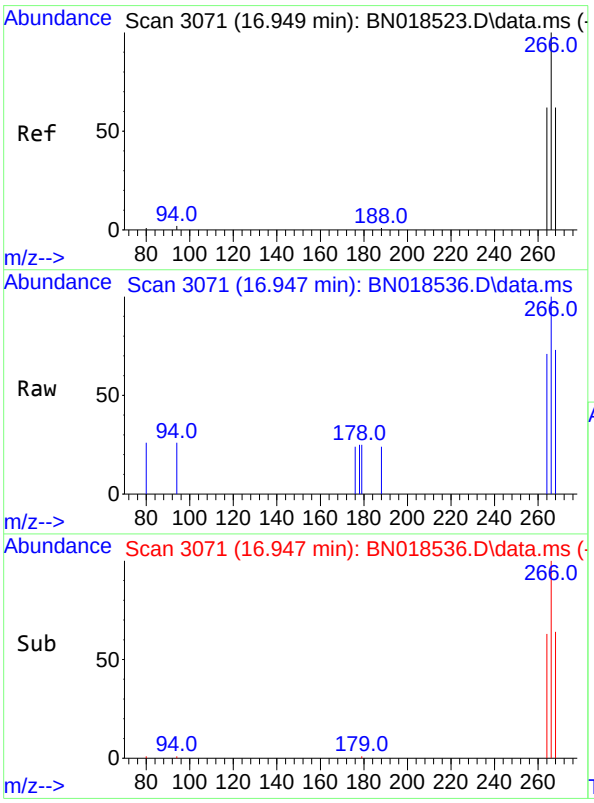
#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.603 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:166 Resp: 1043

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	19.0	11.6	17.4#

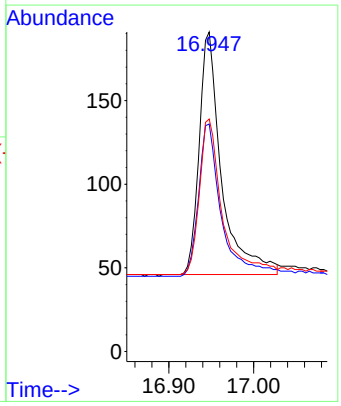


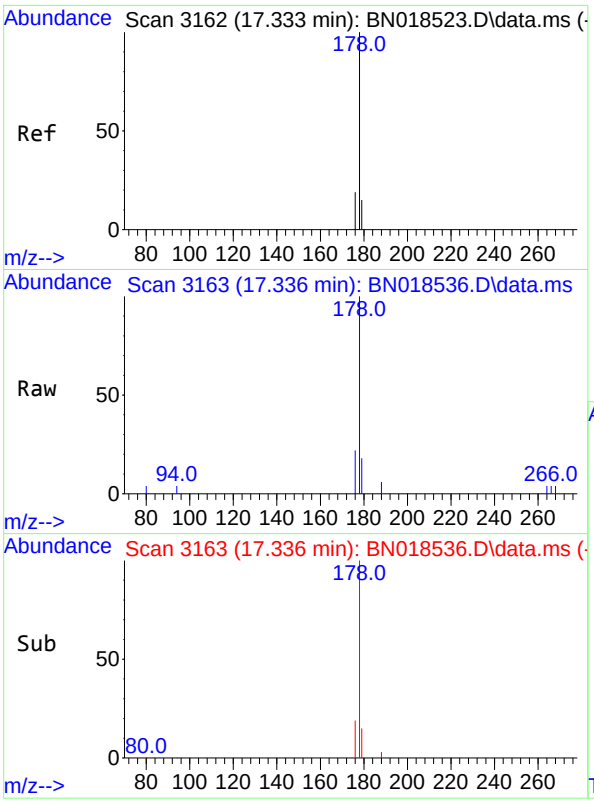


#14
Pentachlorophenol
Concen: 2.117 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.001 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:266 Resp: 267

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.9	74.9
268	65.2	51.7	77.5



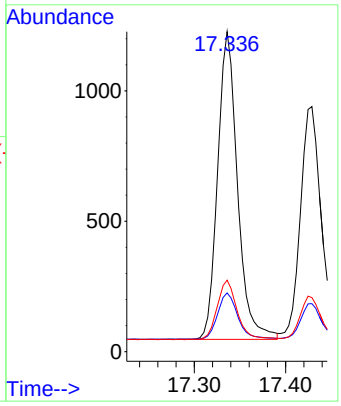


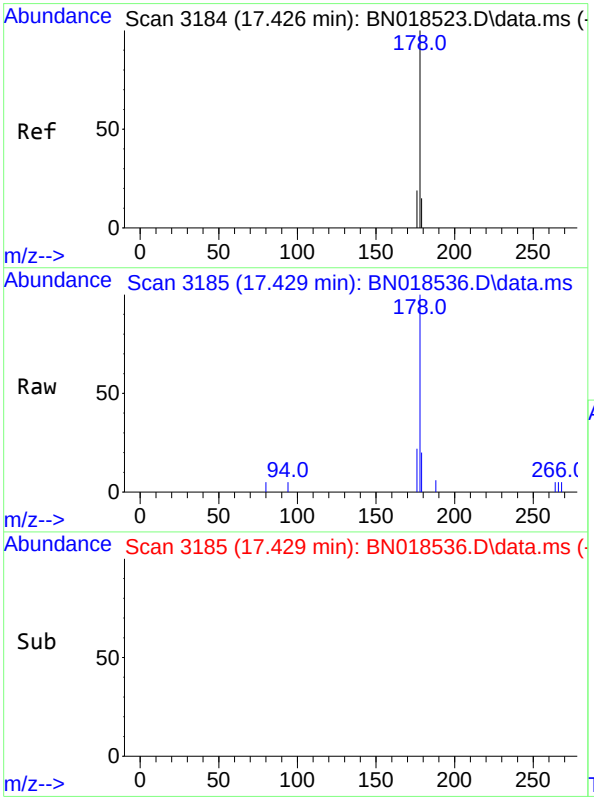
#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.336 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:178 Resp: 1781

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.2	18.4
176	22.3	15.4	23.2

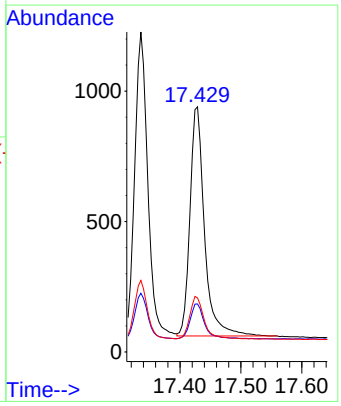


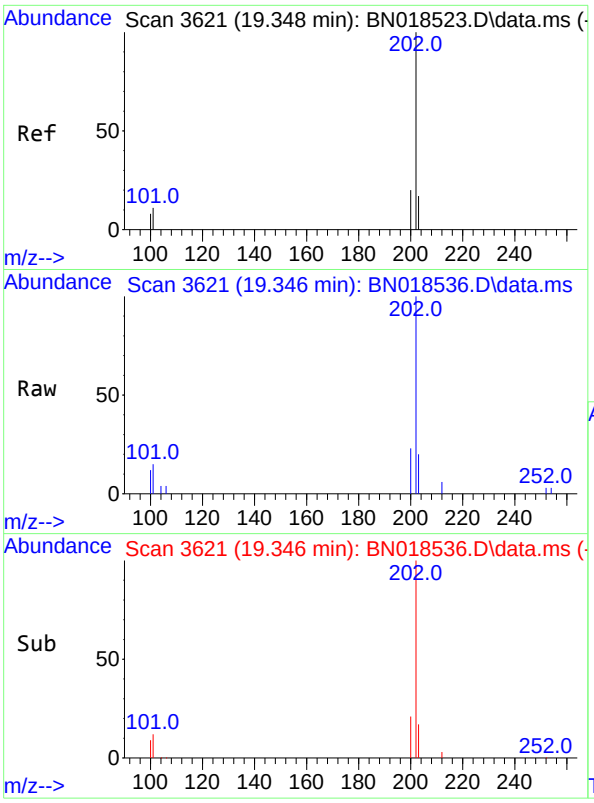


#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.429 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:178 Resp: 1463

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.3	18.5#
176	22.0	15.5	23.3



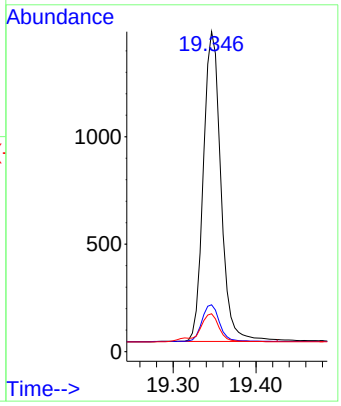


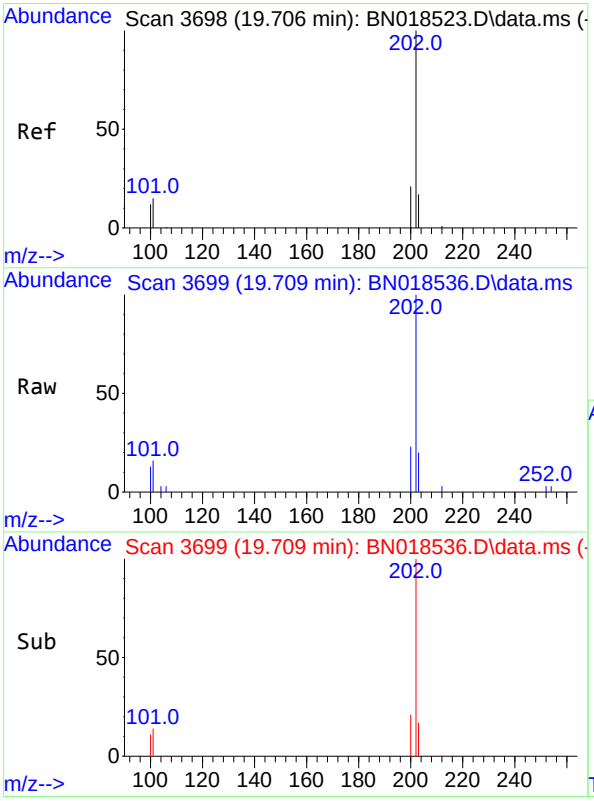
#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.346 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:202 Resp: 2121

Ion	Ratio	Lower	Upper
202	100		
101	14.6	7.5	11.3#
100	11.8	5.4	8.2#

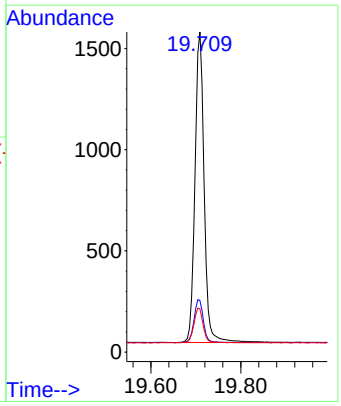


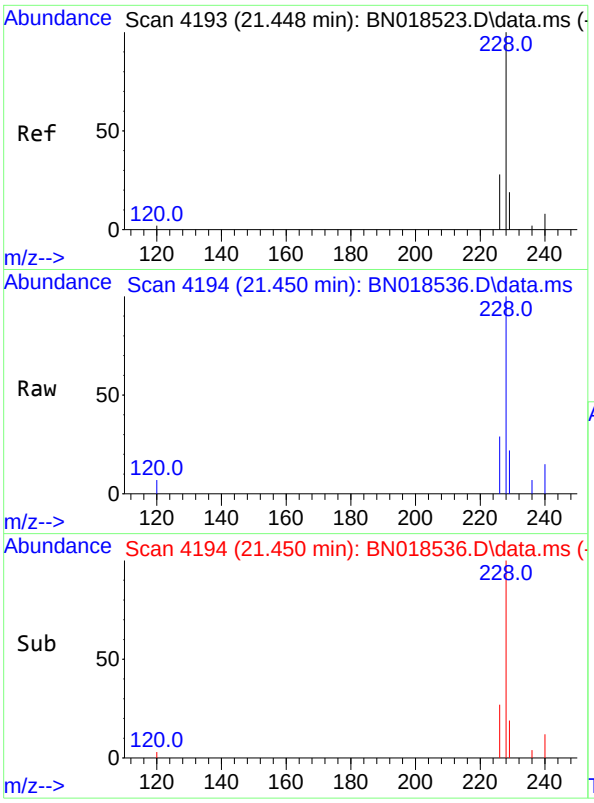


#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:202 Resp: 2184

Ion	Ratio	Lower	Upper
202	100		
101	16.1	9.0	13.4#
100	13.5	7.0	10.4#



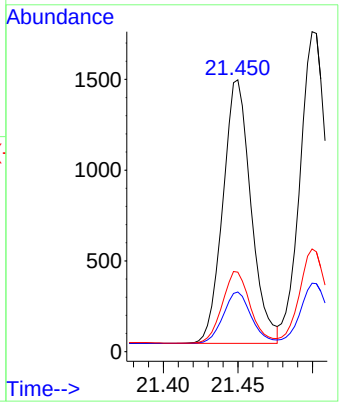


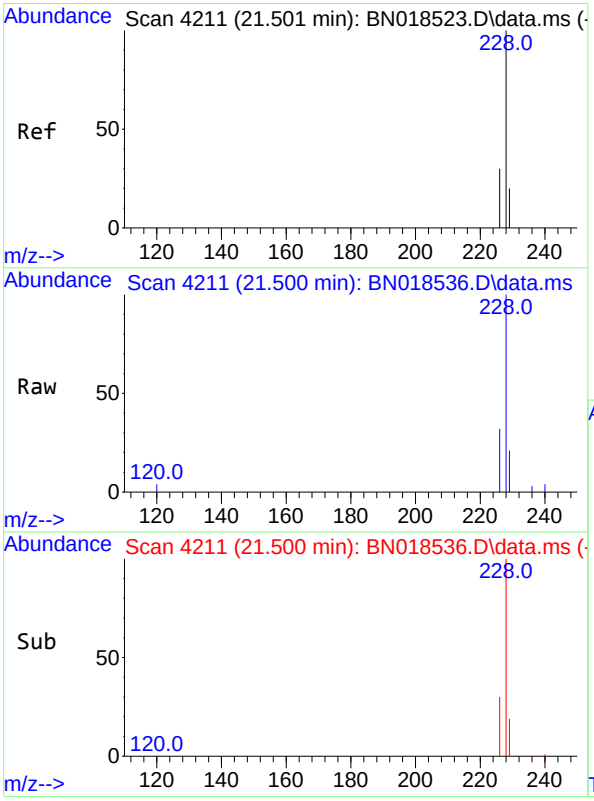
#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.450 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:228 Resp: 1904

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	29.2	22.1	33.1

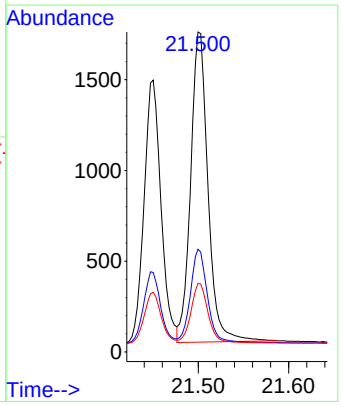


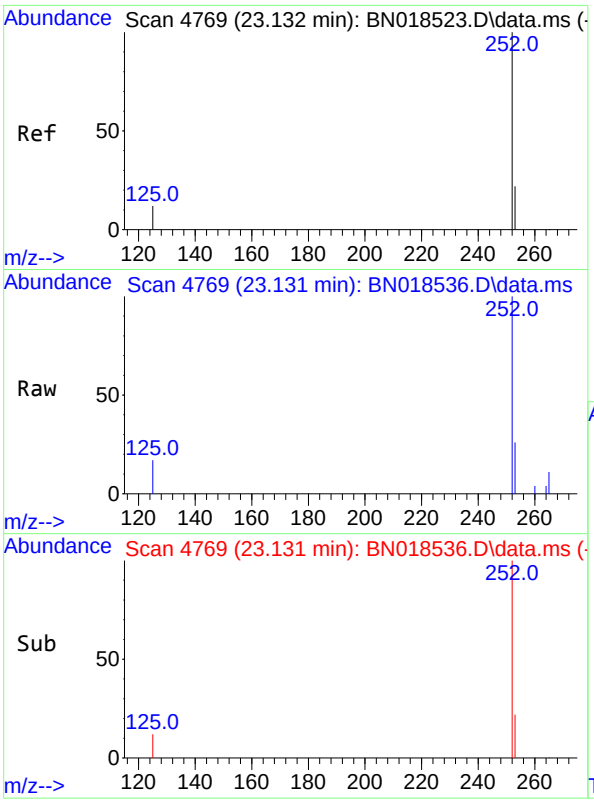


#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.500 min Scan# 4211
Delta R.T. -0.007 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:228 Resp: 2274

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.2	36.4
229	21.4	15.7	23.5



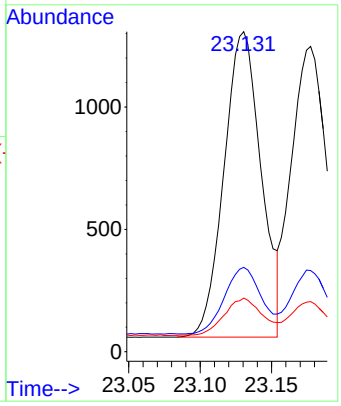


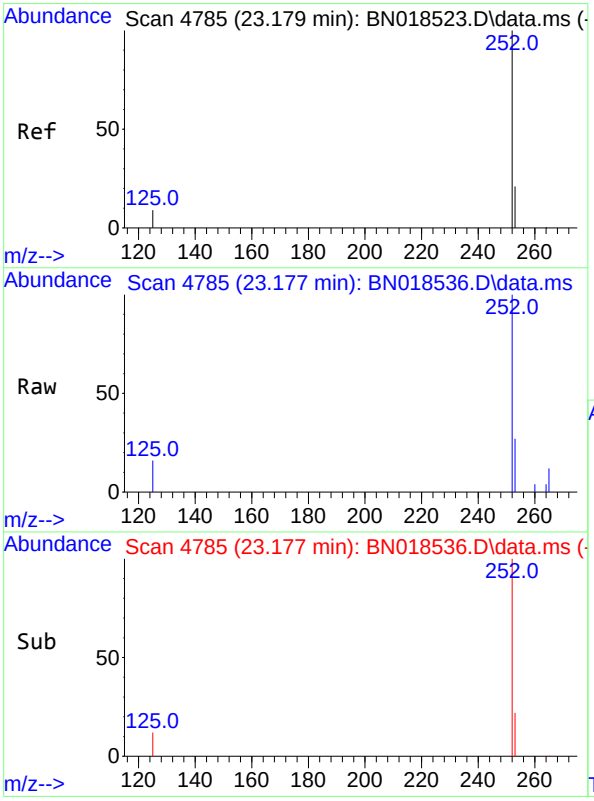
#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.131 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:252 Resp: 2255

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	46.4
125	16.7	0.0	17.8

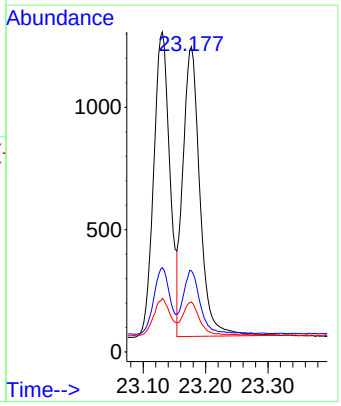


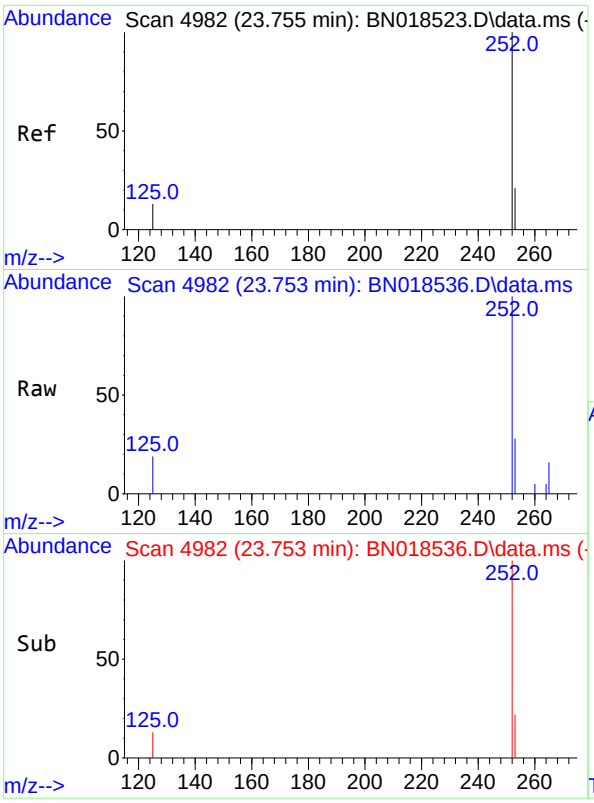


#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.177 min Scan# 4785
Delta R.T. -0.010 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:252 Resp: 2241

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.6	28.0
125	16.4	7.3	10.9#



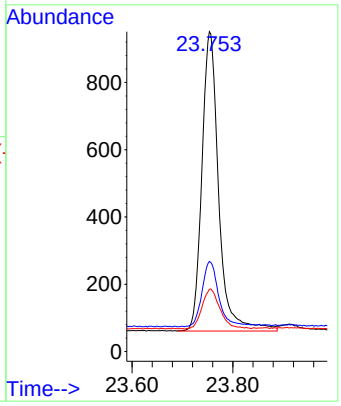


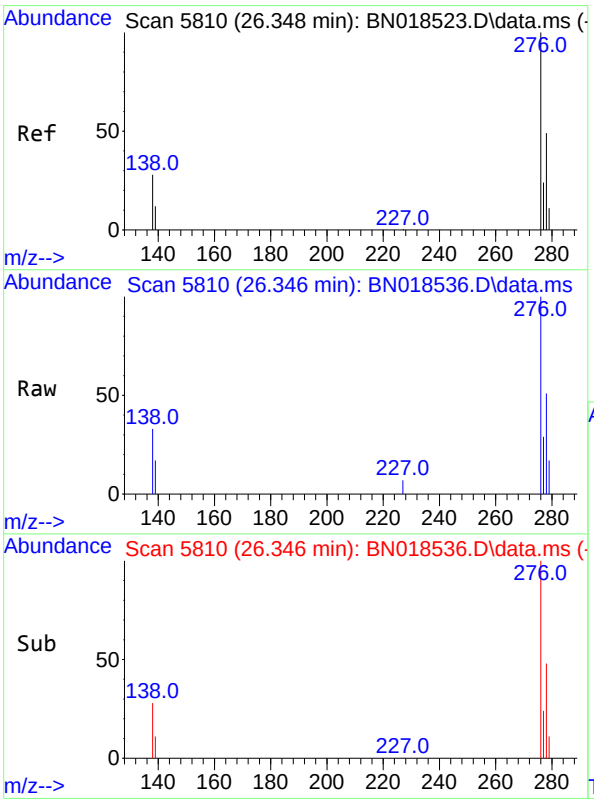
#26
Benzo(a)pyrene
Concen: 0.492 ng/ul
RT: 23.753 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:252 Resp: 2054

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.9	28.3
125	19.5	8.2	12.2#

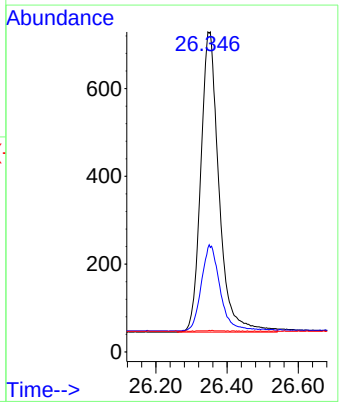


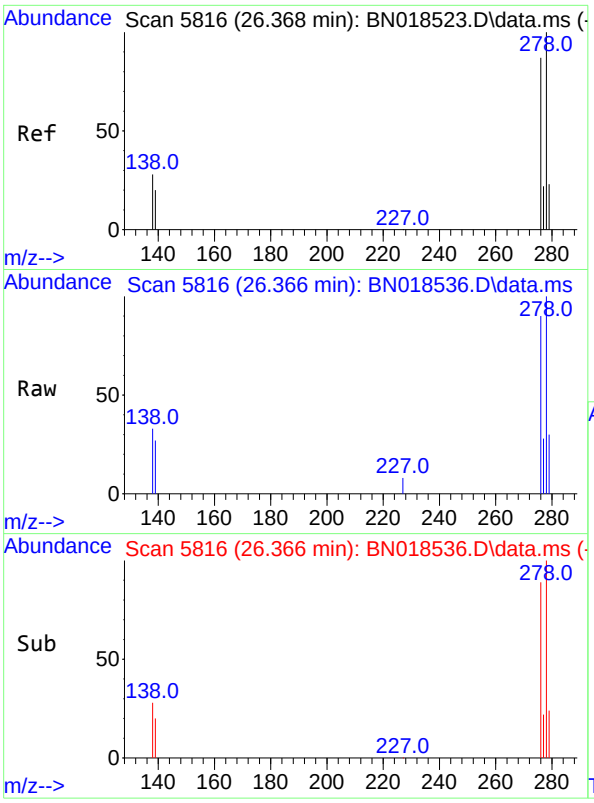


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.346 min Scan# 5810
Delta R.T. -0.018 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:276 Resp: 2433

Ion	Ratio	Lower	Upper
276	100		
138	29.6	16.5	24.7#
227	0.2	0.1	0.1#



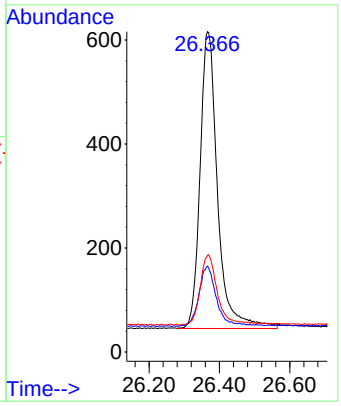


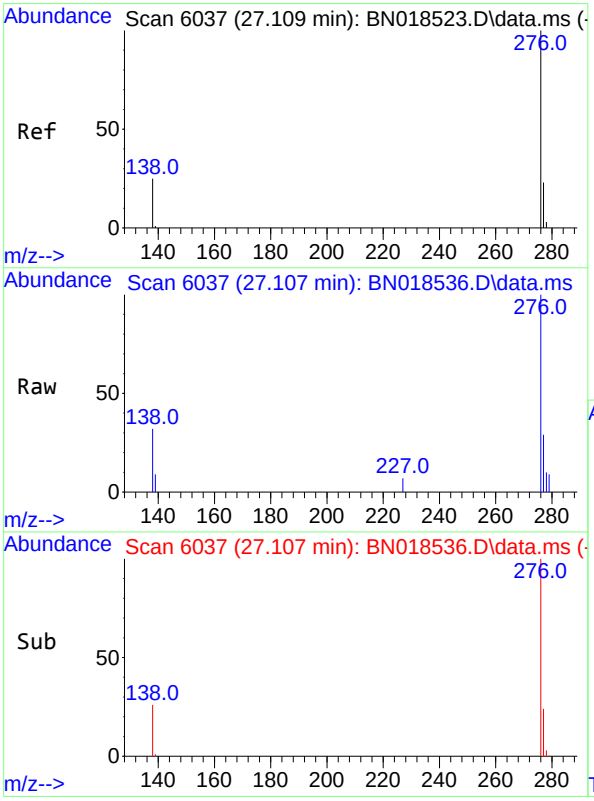
#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 26.366 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:278 Resp: 1975

Ion	Ratio	Lower	Upper
278	100		
139	26.8	11.9	17.9#
279	30.2	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.107 min Scan# 6037
Delta R.T. -0.018 min
Lab File: BN018536.D
Acq: 02 Feb 2022 04:43

Tgt Ion:276 Resp: 2148

Ion	Ratio	Lower	Upper
276	100		
138	31.6	14.4	21.6#
277	29.4	19.2	28.8#