Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
Data File : BN018553.D
Acq On : 02 Feb 2022 17:15
Operator : CG/JU
Sample : PB142349BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS349

Quant Time: Feb 03 03:31:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:08:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	379	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	1305	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.555	164	678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	1297	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.466	240	1152	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	982	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	300	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	633	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	1324	0.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	806	1.713	ng/ul#	72
5) Naphthalene	10.784	128	1314	0.362	ng/ul#	90
7) 2-Methylnaphthalene	12.390	142	792	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.610	142	810	0.341	ng/ul	99
10) Acenaphthylene	14.277	152	1046	0.388	ng/ul#	88
11) Acenaphthene	14.620	153	844	0.356	ng/ul	98
12) Fluorene	15.600	166	921	0.360	ng/ul#	96
14) Pentachlorophenol	16.945	266	134	0.554	ng/ul	97
15) Phenanthrene	17.337	178	1573	0.371	ng/ul#	92
16) Anthracene	17.426	178	1238	0.364	ng/ul#	89
19) Fluoranthene	19.343	202	1833	0.401	ng/ul#	83
20) Pyrene	19.706	202	1886	0.401	ng/ul#	85
21) Benzo(a)anthracene	21.451	228	1500	0.409	ng/ul	95
22) Chrysene	21.501	228	1943	0.433	ng/ul	97
24) Benzo(b)fluoranthene	23.129	252	1859	0.431	ng/ul	88
25) Benzo(k)fluoranthene	23.179	252	1847	0.409	ng/ul#	88
26) Benzo(a)pyrene	23.755	252	1601	0.460	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.344	276	1898	0.413	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.368	278	1524	0.424	ng/ul#	78
29) Benzo(g,h,i)perylene	27.102	276	1766	0.431	ng/ul#	79

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

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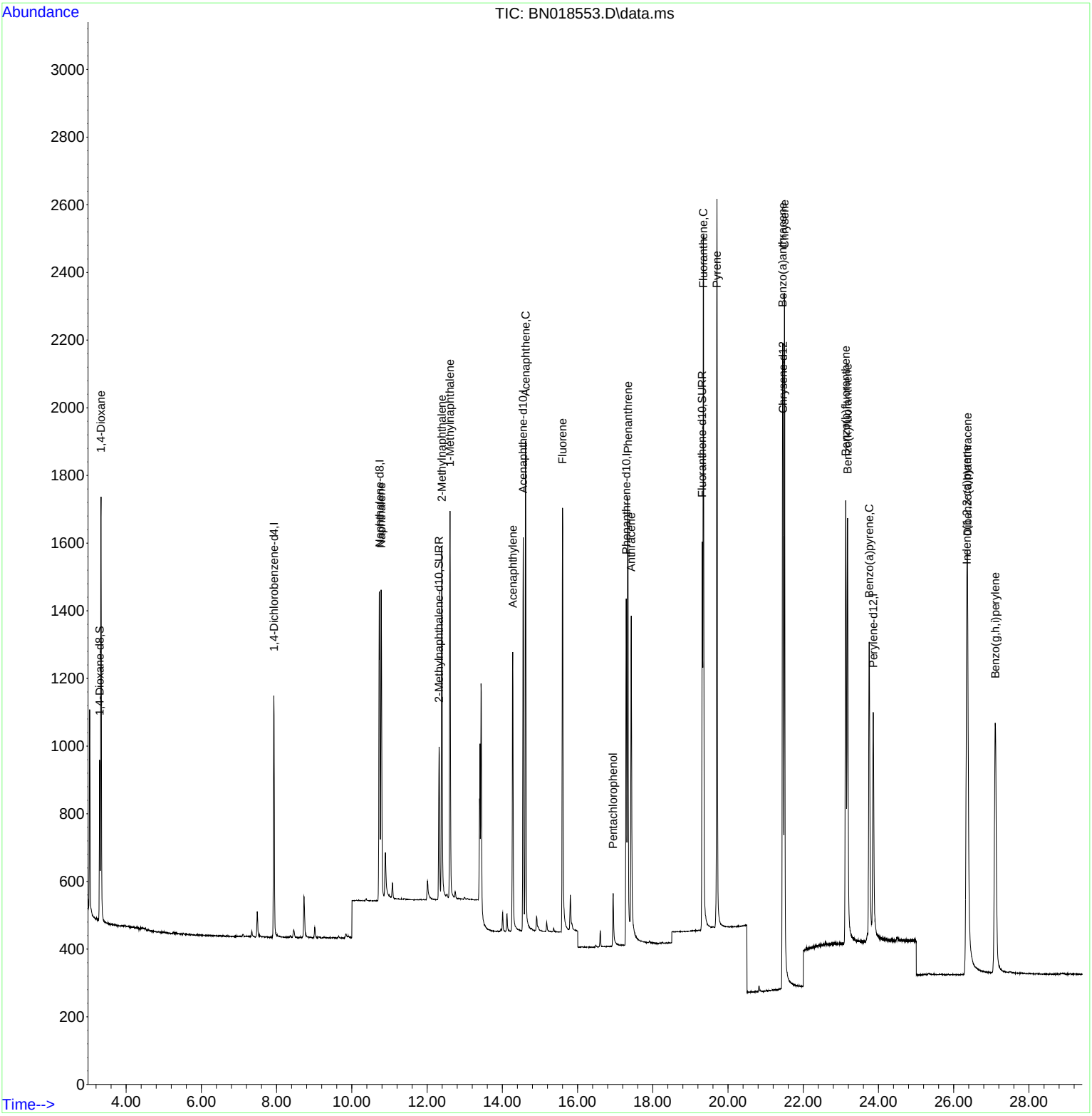
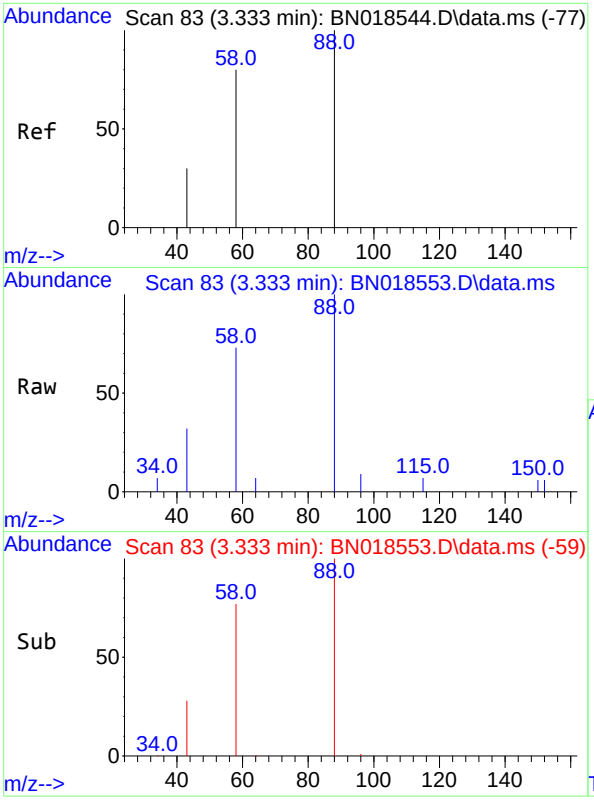
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:08:46 2022
Response via : Initial Calibration



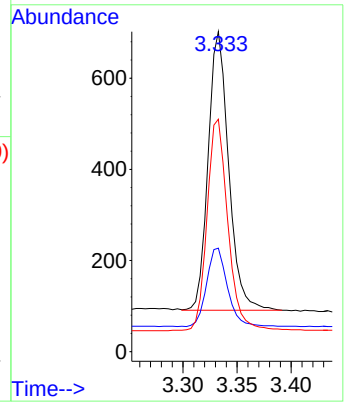


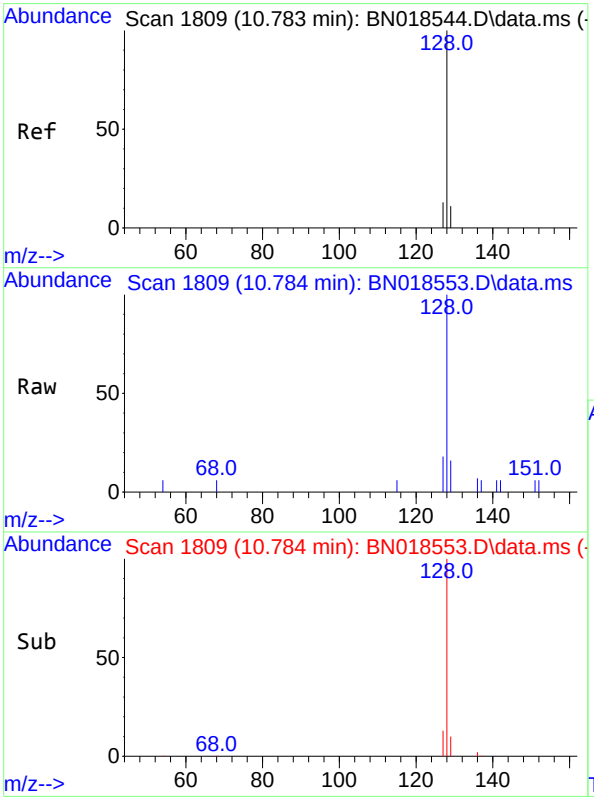
#2
1,4-Dioxane
Concen: 1.713 ng/ul
RT: 3.333 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion: 88 Resp: 806

Ion	Ratio	Lower	Upper
88	100		
43	32.3	47.8	71.8#
58	72.6	46.2	69.2#

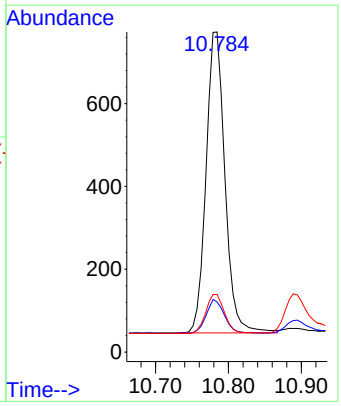


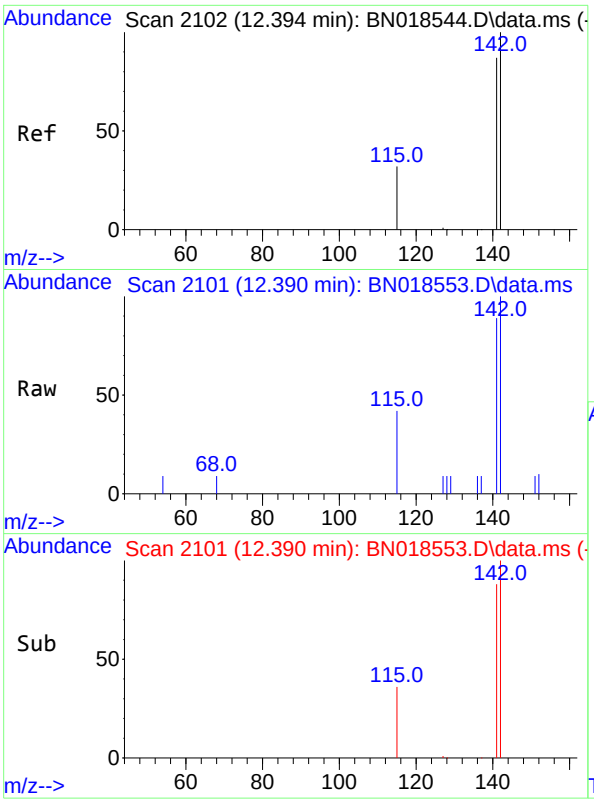


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.784 min Scan# 1809
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:128 Resp: 1314

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.4	14.0#
127	18.0	11.0	16.6#



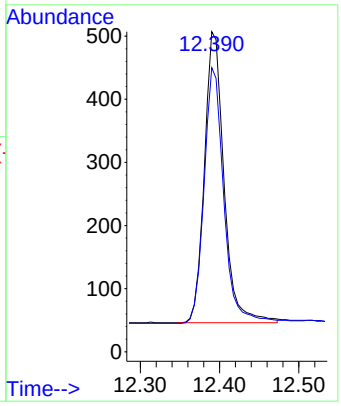


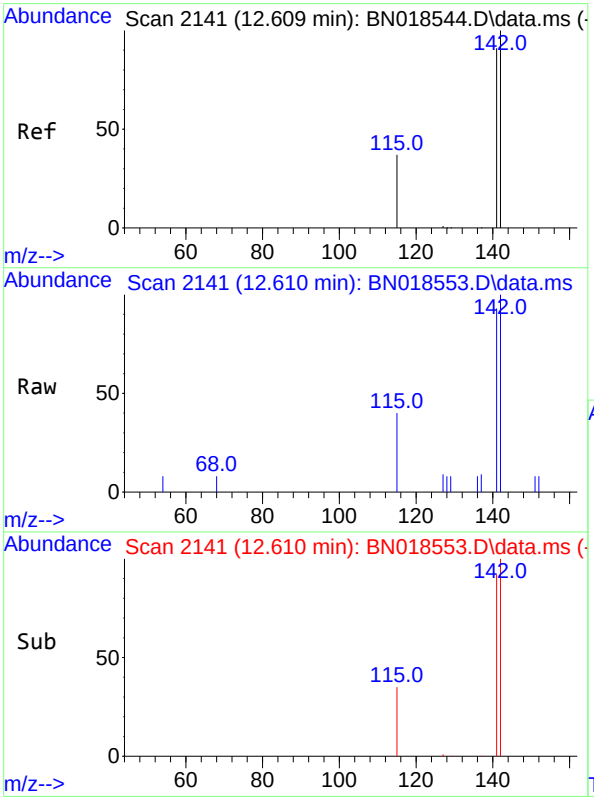
#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.390 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:142 Resp: 792

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3

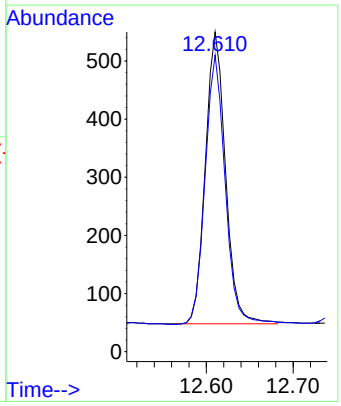


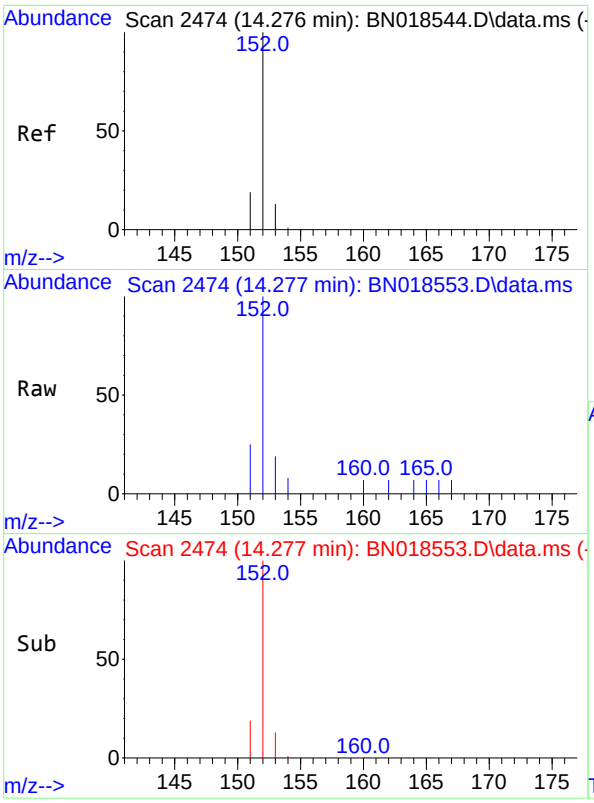


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.610 min Scan# 2141
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:142 Resp: 810

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.2	109.8



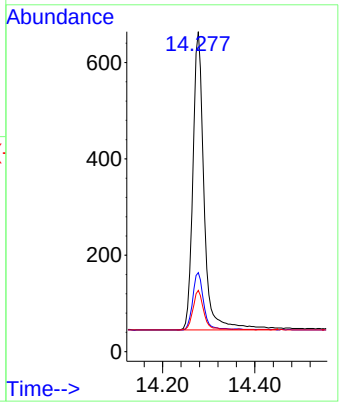


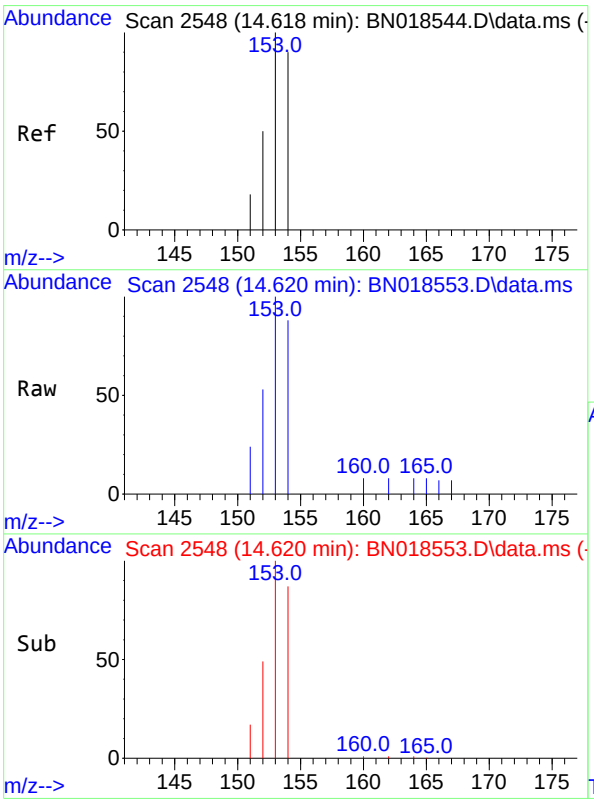
#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.277 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:152 Resp: 1046

Ion	Ratio	Lower	Upper
152	100		
151	24.7	15.8	23.8#
153	19.1	10.7	16.1#

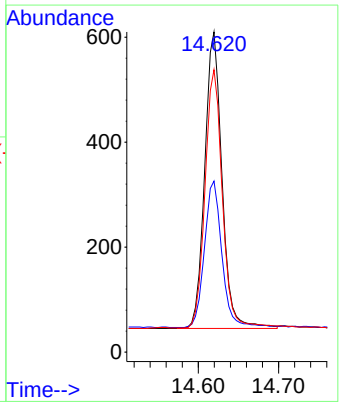


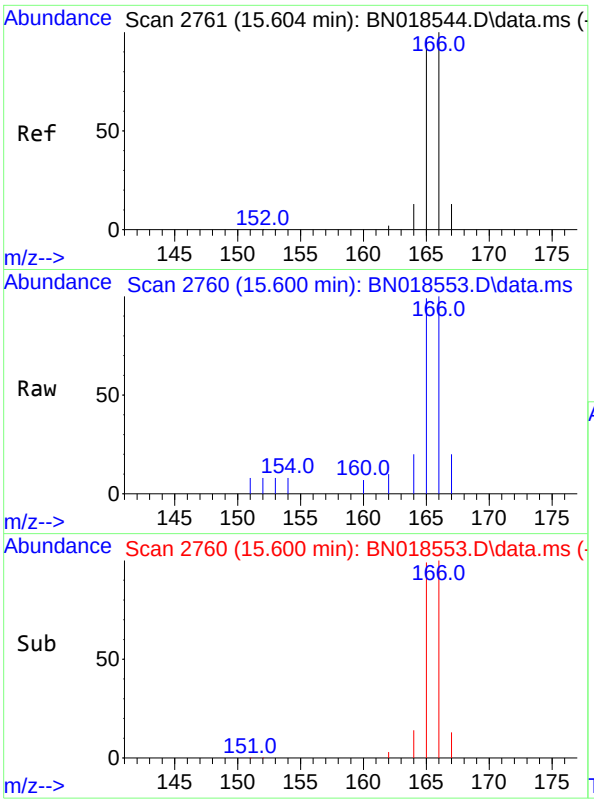


#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.620 min Scan# 2548
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:153 Resp: 844

Ion	Ratio	Lower	Upper
153	100		
152	53.4	39.7	59.5
154	88.2	70.9	106.3



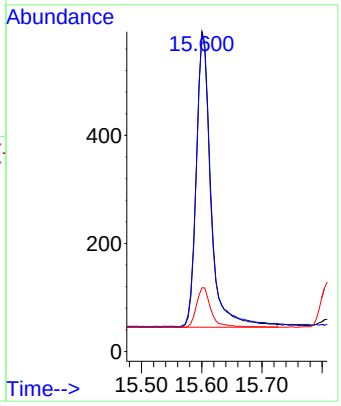


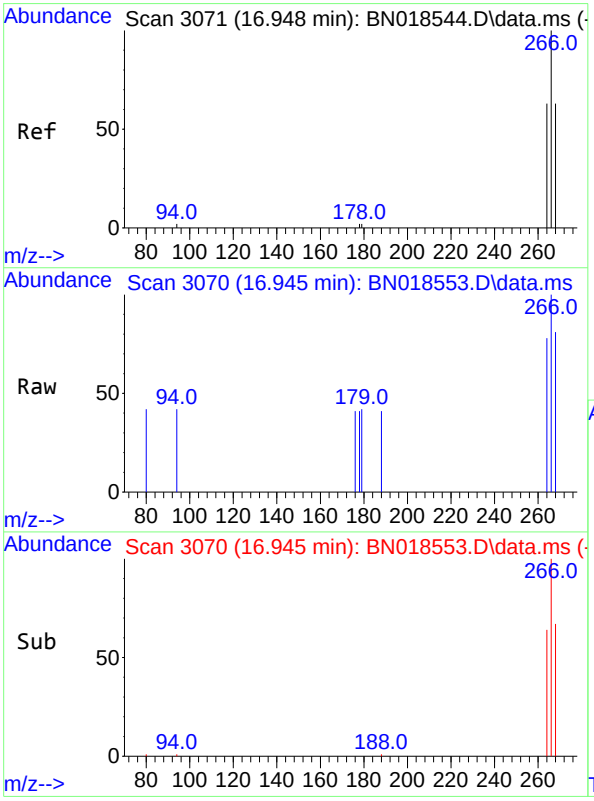
#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.600 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:166 Resp: 921

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	19.9	11.6	17.4#

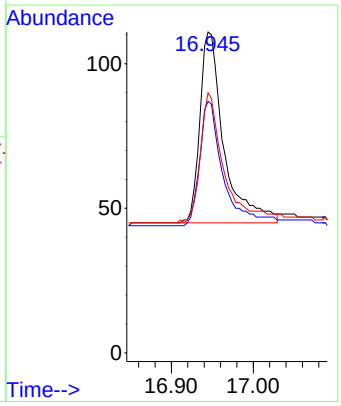


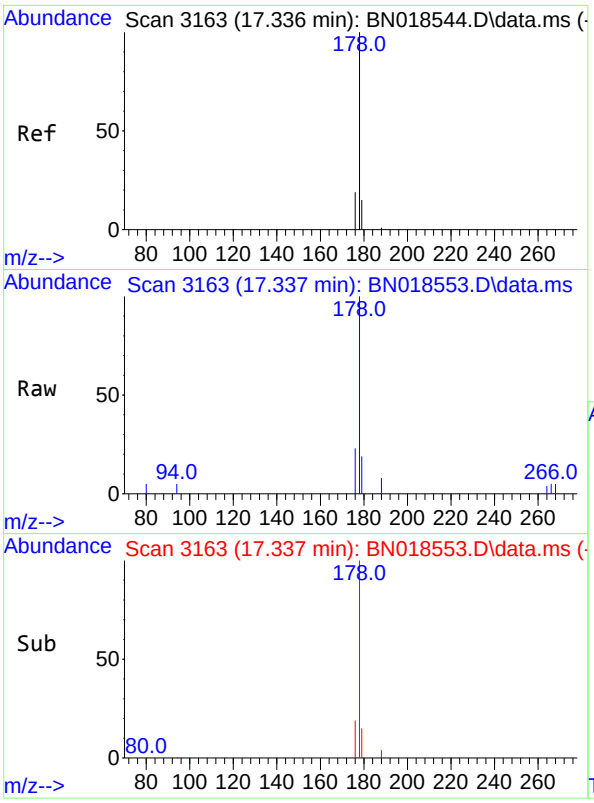


#14
Pentachlorophenol
Concen: 0.554 ng/ul
RT: 16.945 min Scan# 3070
Delta R.T. -0.003 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
264	64.9	49.9	74.9
268	67.2	51.7	77.5



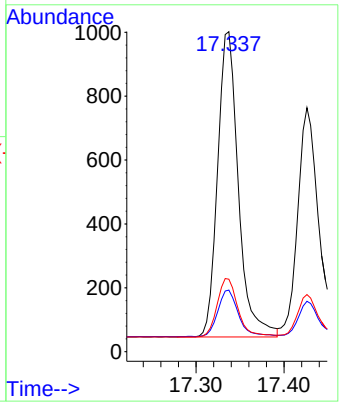


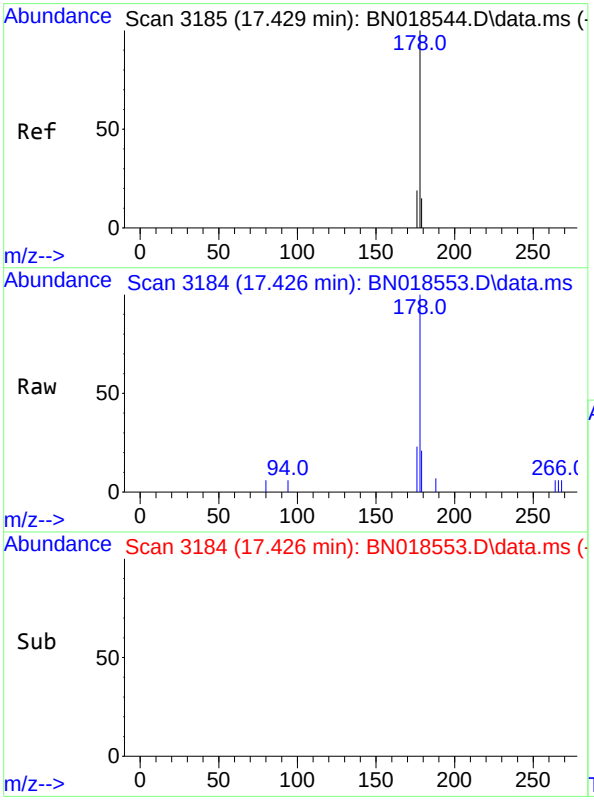
#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.337 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:178 Resp: 1573

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.2	18.4#
176	22.7	15.4	23.2

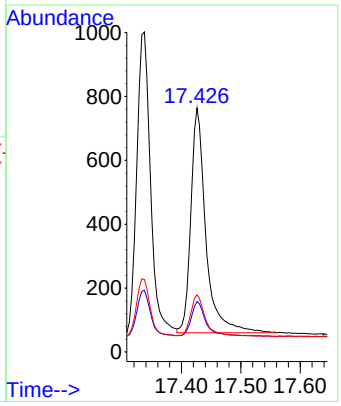


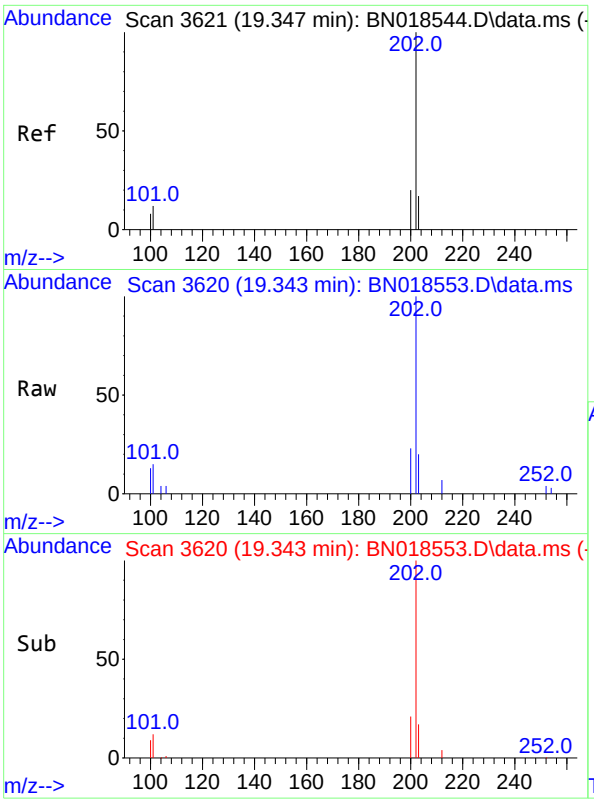


#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.426 min Scan# 3184
Delta R.T. -0.003 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:178 Resp: 1238

Ion	Ratio	Lower	Upper
178	100		
179	20.7	12.3	18.5#
176	23.4	15.5	23.3#



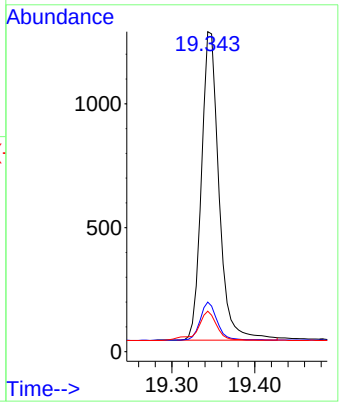


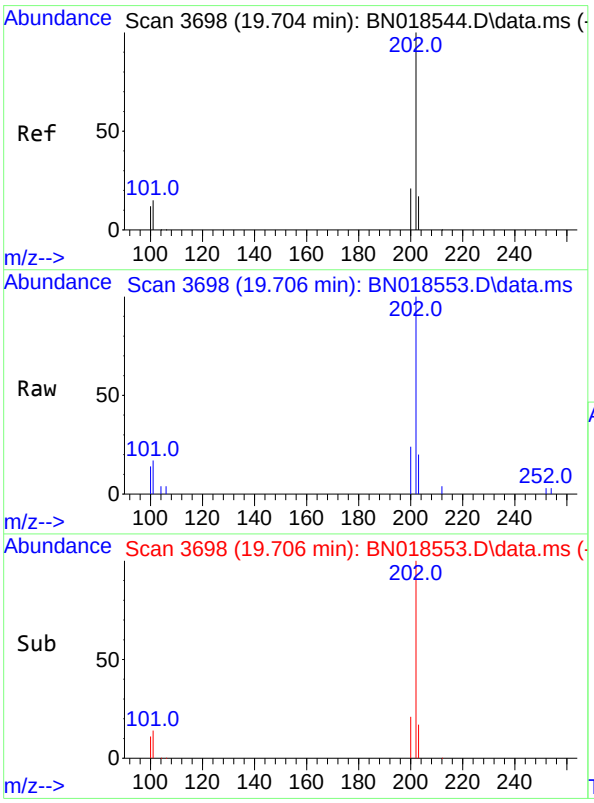
#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:202 Resp: 1833

Ion	Ratio	Lower	Upper
202	100		
101	15.5	7.5	11.3#
100	12.6	5.4	8.2#

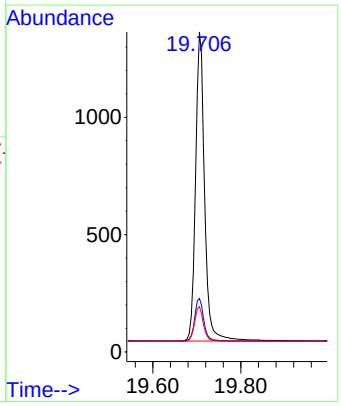


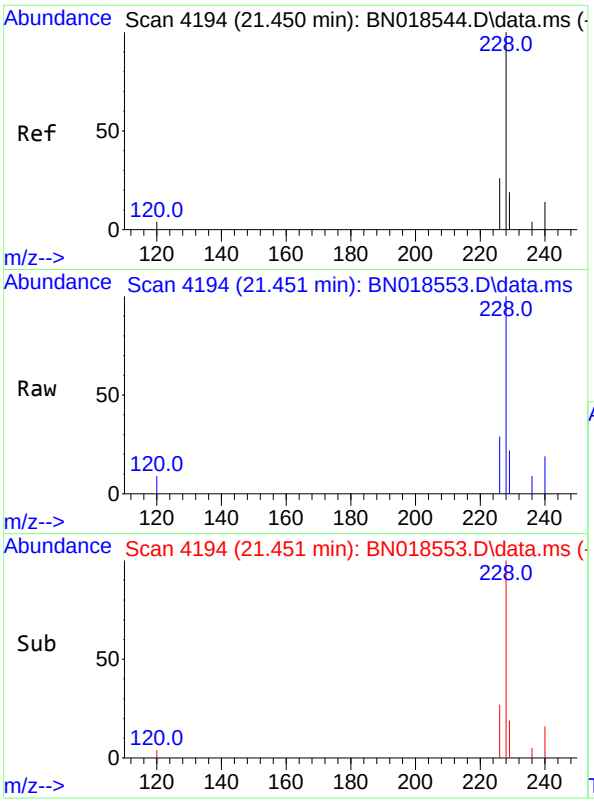


#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.706 min Scan# 3698
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:202 Resp: 1886

Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.0	13.4#
100	14.1	7.0	10.4#



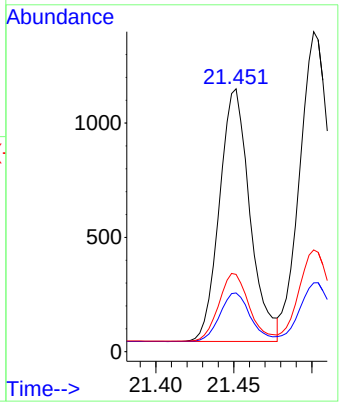


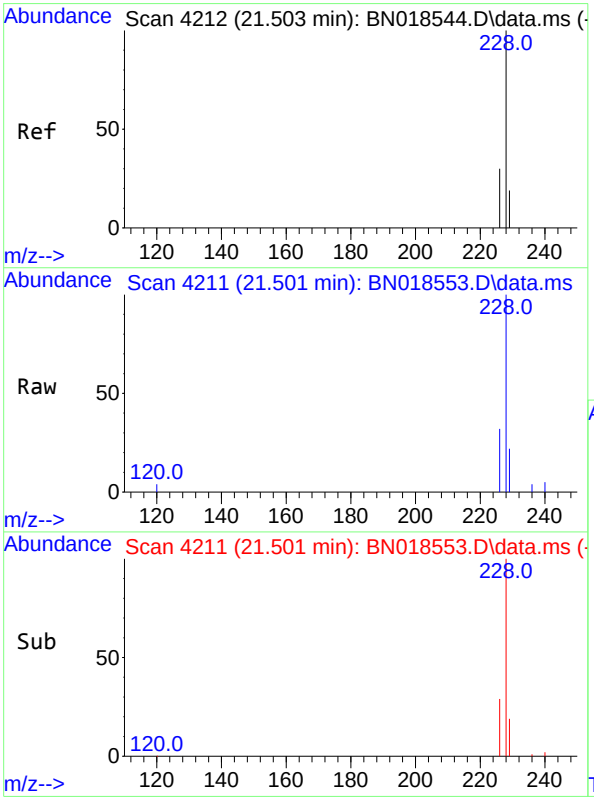
#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.451 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:228 Resp: 1500

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	29.4	22.1	33.1

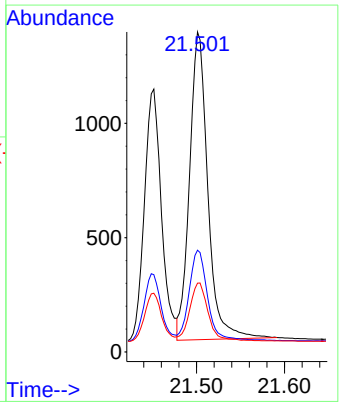


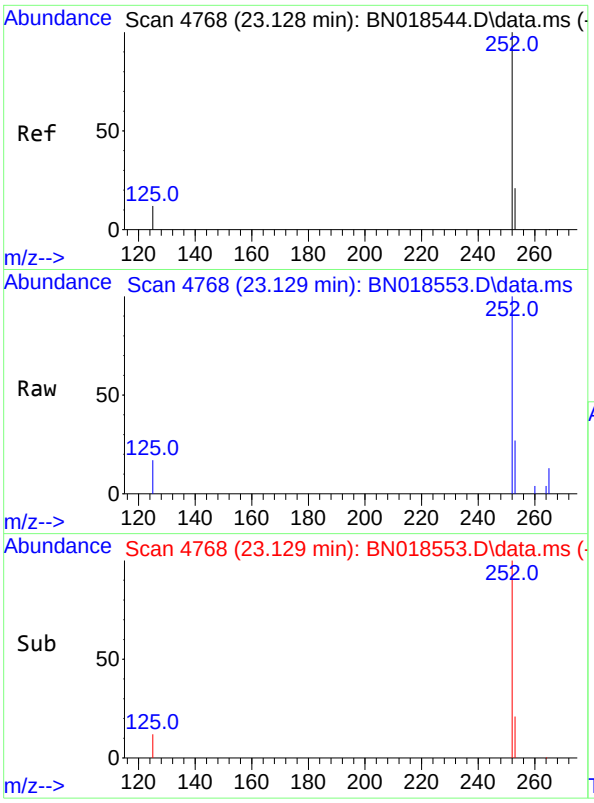


#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.501 min Scan# 4211
Delta R.T. -0.002 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:228 Resp: 1943

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.4
229	21.5	15.7	23.5



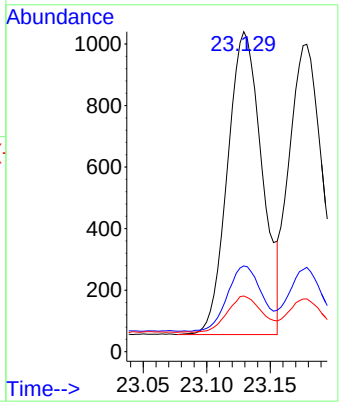


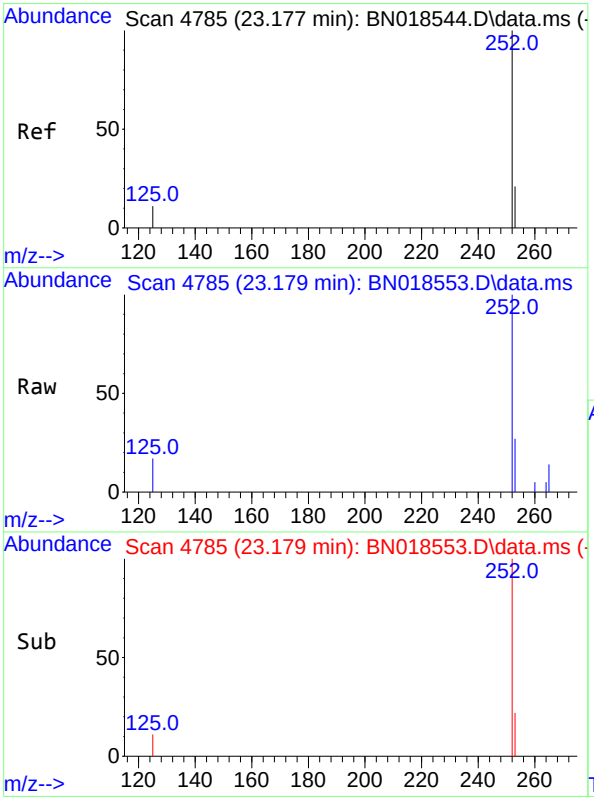
#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.129 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:252 Resp: 1859

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	46.4
125	17.4	0.0	17.8

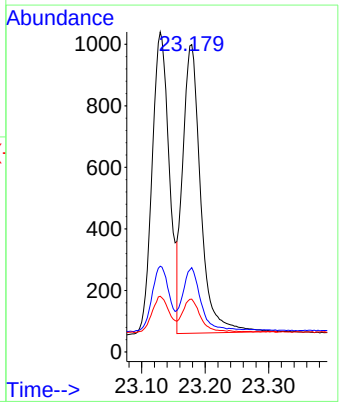


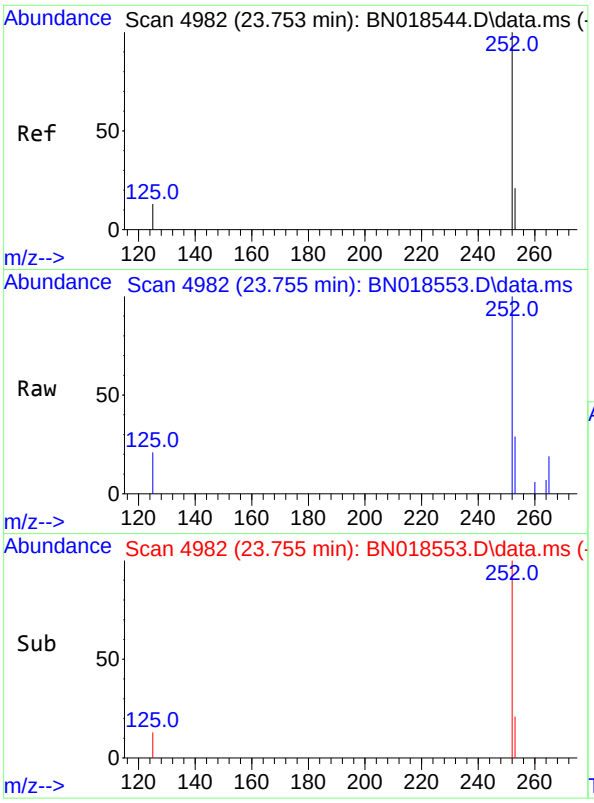


#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 23.179 min Scan# 4785
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:252 Resp: 1847

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.6	28.0
125	17.2	7.3	10.9#



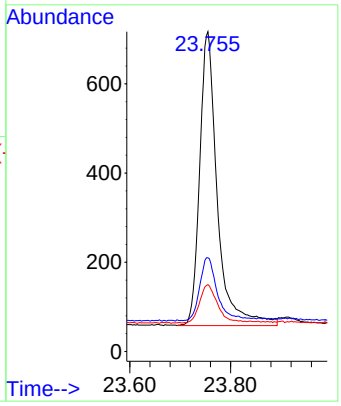


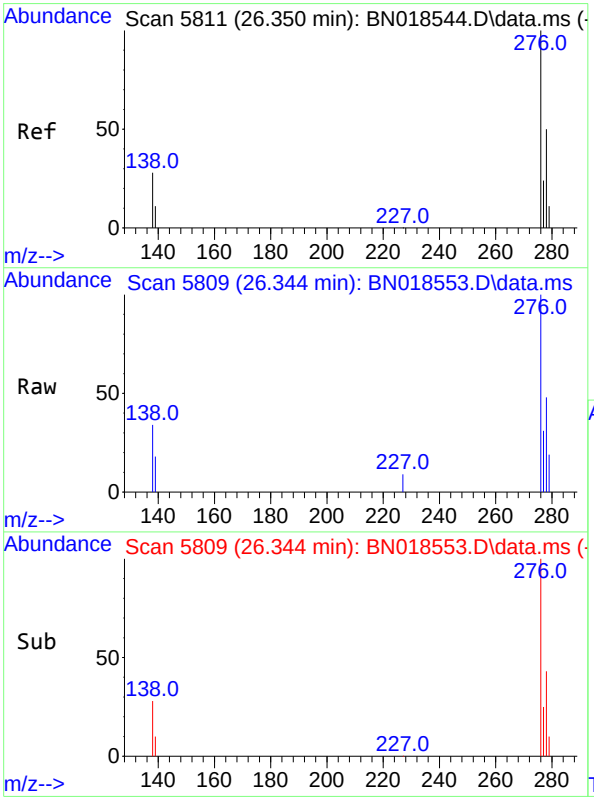
#26
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.755 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:252 Resp: 1601

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.9	28.3#
125	20.9	8.2	12.2#

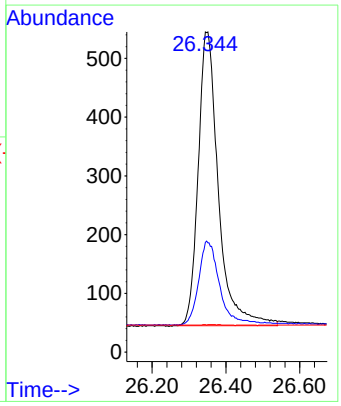


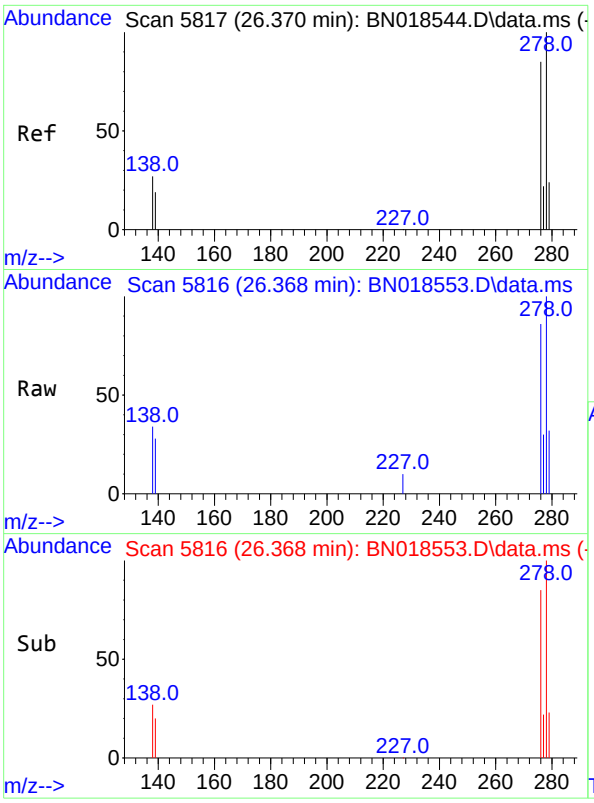


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.344 min Scan# 5809
Delta R.T. -0.005 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:276 Resp: 1898

Ion	Ratio	Lower	Upper
276	100		
138	30.2	16.5	24.7#
227	0.2	0.1	0.1#



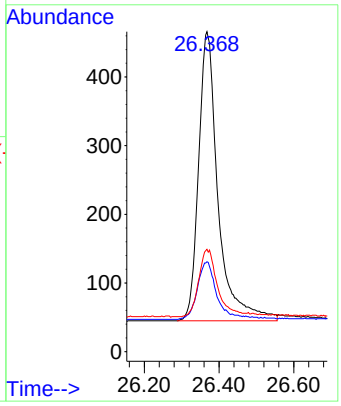


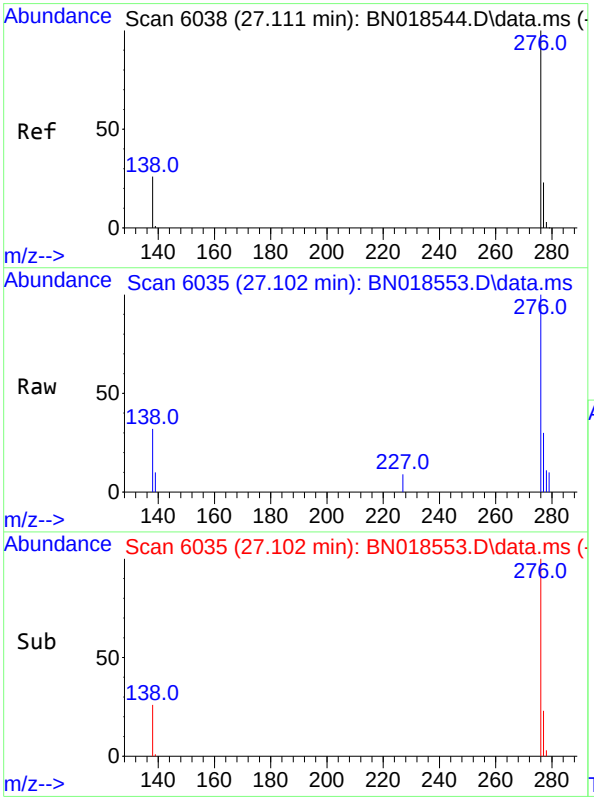
#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.368 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS349

Tgt Ion:278 Resp: 1524

Ion	Ratio	Lower	Upper
278	100		
139	28.1	11.9	17.9#
279	32.0	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.102 min Scan# 6035
Delta R.T. -0.009 min
Lab File: BN018553.D
Acq: 02 Feb 2022 17:15

Tgt Ion:276 Resp: 1766

Ion	Ratio	Lower	Upper
276	100		
138	32.5	14.4	21.6#
277	29.8	19.2	28.8#