Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
Data File : BN021923.D
Acq On : 26 Sep 2022 18:17
Operator : CG/JU
Sample : PB147749BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS749

Quant Time: Sep 27 00:25:41 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	8.046	152	3974	0.400 ng/ul	0.00
4) Naphthalene-d8	10.872	136	13088	0.400 ng/ul	-0.01
9) Acenaphthene-d10	14.703	164	6777	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.455	188	11537	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.647	240	6775	0.400 ng/ul	# 0.00
23) Perylene-d12	24.155	264	5072	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.359	96	3317	0.678 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7288	0.352 ng/ul	0.00
18) Fluoranthene-d10	19.487	212	9892	0.392 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.397	88	9649	1.924 ng/ul#	86
5) Naphthalene	10.927	128	13972	0.379 ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8788	0.366 ng/ul	98
8) 1-Methylnaphthalene	12.753	142	9063	0.368 ng/ul	100
10) Acenaphthylene	14.425	152	11036	0.388 ng/ul	99
11) Acenaphthene	14.767	153	9192	0.381 ng/ul	100
12) Fluorene	15.757	166	9756	0.361 ng/ul	100
14) Pentachlorophenol	17.113	266	992	0.444 ng/ul	100
15) Phenanthrene	17.497	178	13727	0.377 ng/ul	99
16) Anthracene	17.590	178	10979	0.363 ng/ul	99
19) Fluoranthene	19.515	202	12995	0.411 ng/ul	97
20) Pyrene	19.877	202	12911	0.414 ng/ul	94
21) Benzo(a)anthracene	21.632	228	9220	0.406 ng/ul	99
22) Chrysene	21.685	228	10388	0.420 ng/ul	100
24) Benzo(b)fluoranthene	23.380	252	9862	0.401 ng/ul	88
25) Benzo(k)fluoranthene	23.433	252	8968	0.376 ng/ul#	85
26) Benzo(a)pyrene	24.044	252	8563	0.459 ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.803	276	8914	0.425 ng/ul#	95
28) Dibenzo(a,h)anthracene	26.824	278	6905	0.388 ng/ul#	93
29) Benzo(g,h,i)perylene	27.612	276	8550	0.443 ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
Data File : BN021923.D
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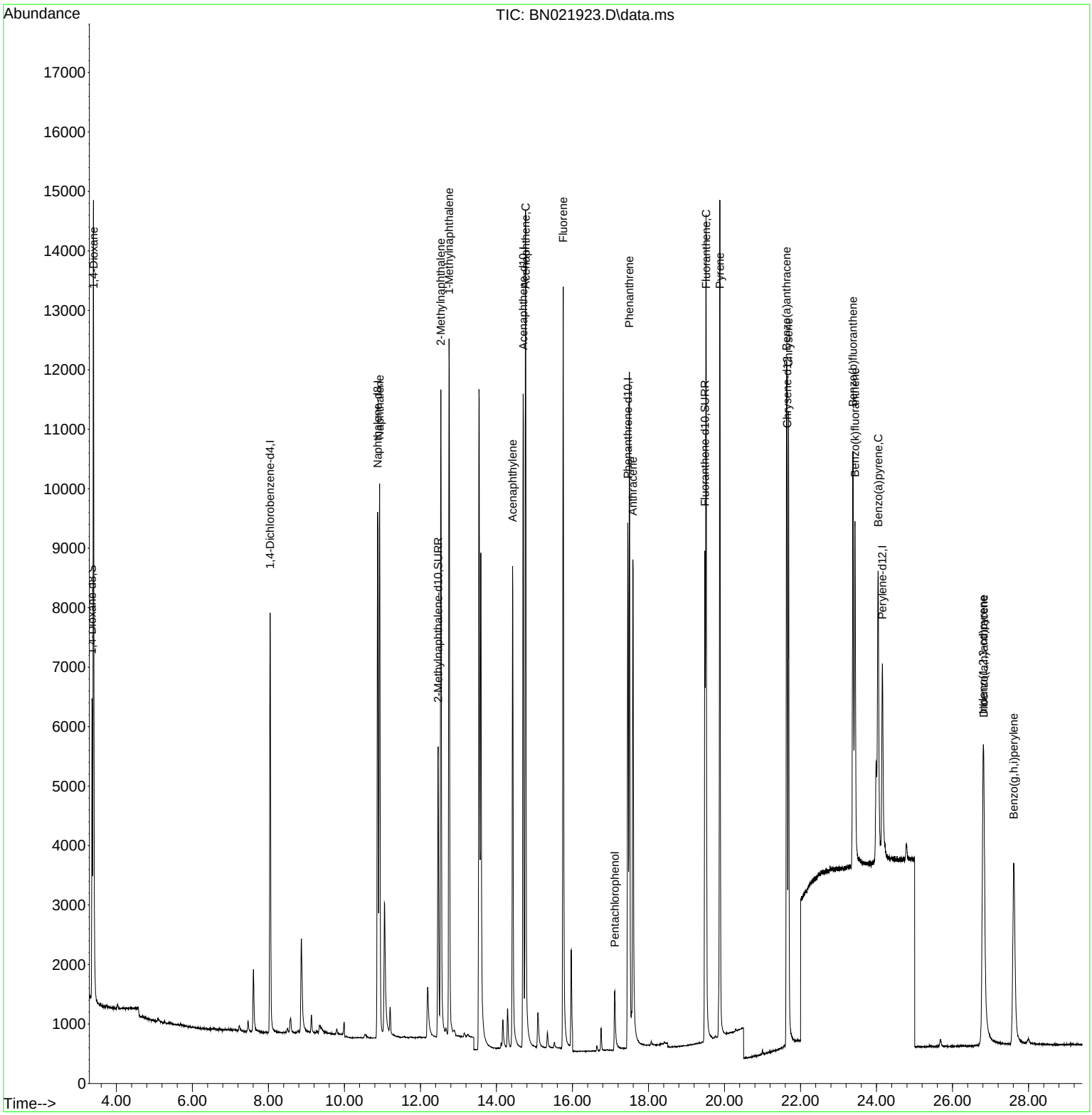
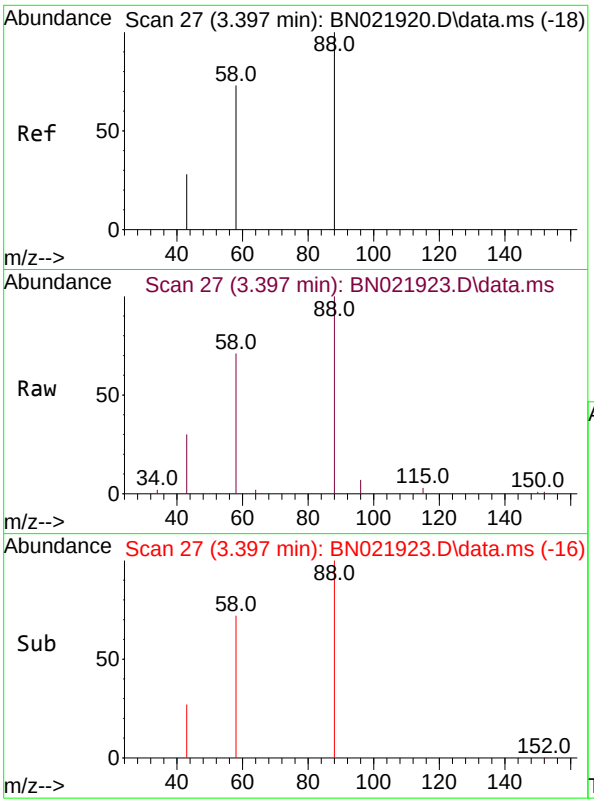
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS749

Quant Time: Sep 27 00:25:41 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



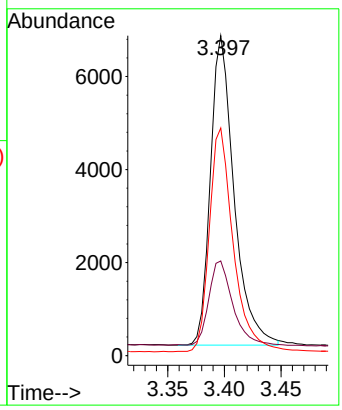


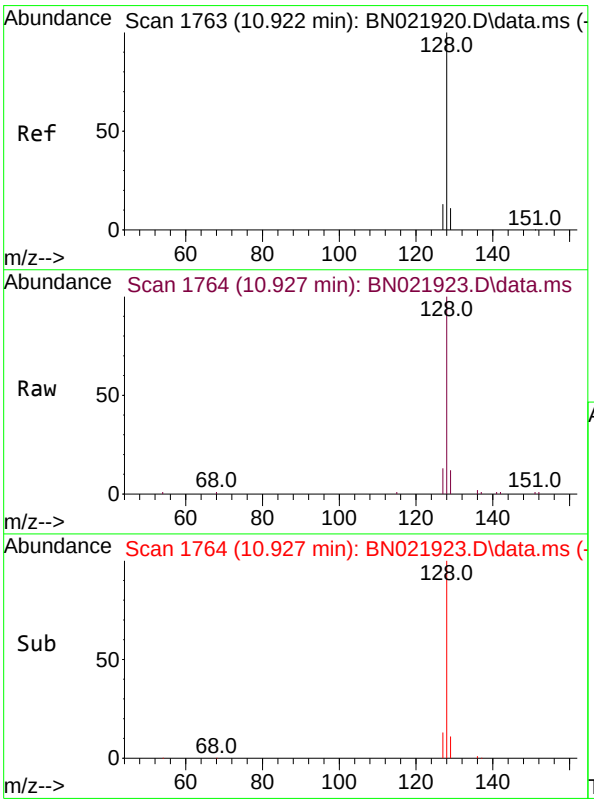
#2
1,4-Dioxane
Concen: 1.924 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion: 88 Resp: 9649

Ion	Ratio	Lower	Upper
88	100		
43	29.6	31.4	47.0#
58	71.1	49.0	73.6

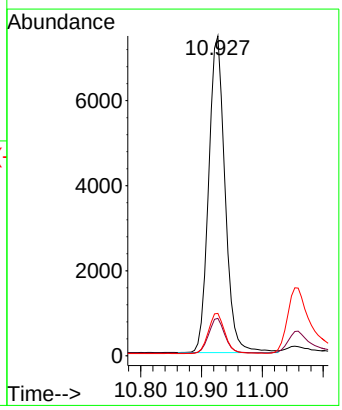


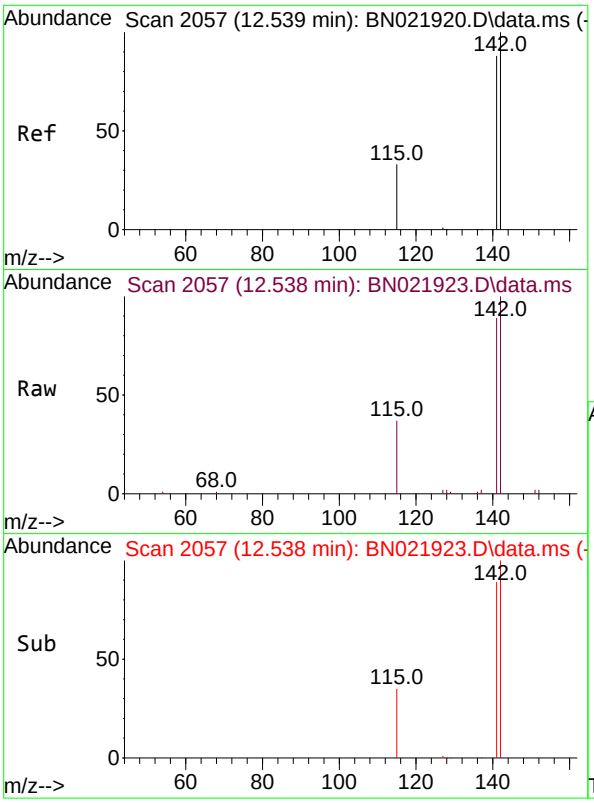


#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:128 Resp: 13972

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.3	11.6	17.4



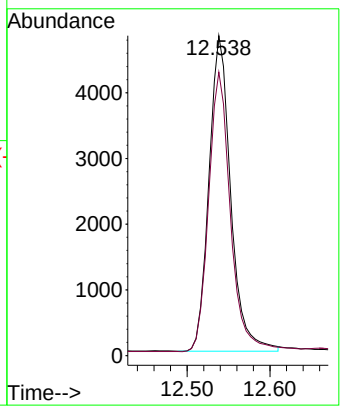


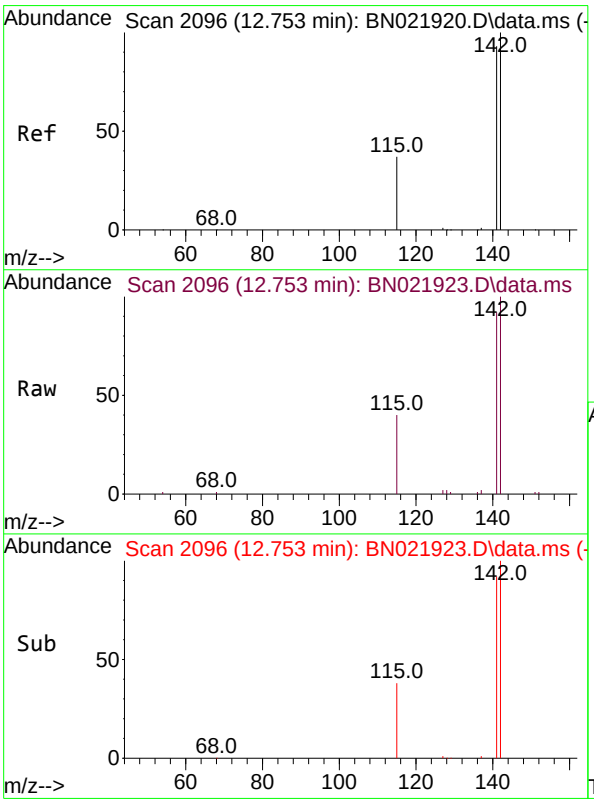
#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.538 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:142 Resp: 8788

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2

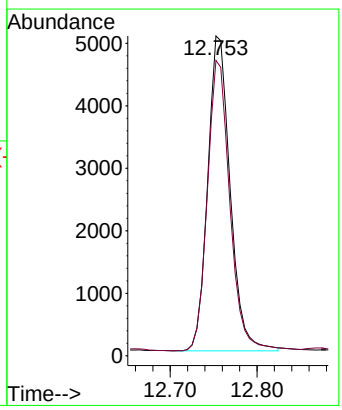


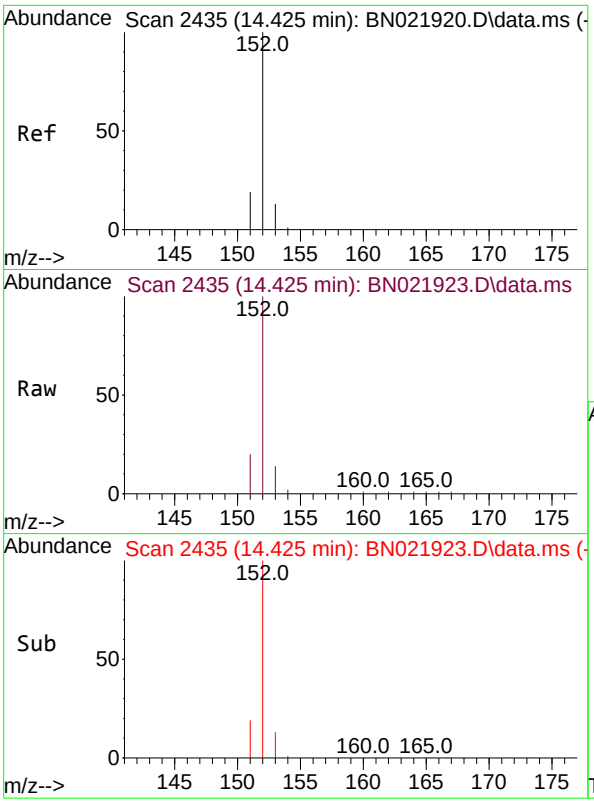


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:142 Resp: 9063

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9



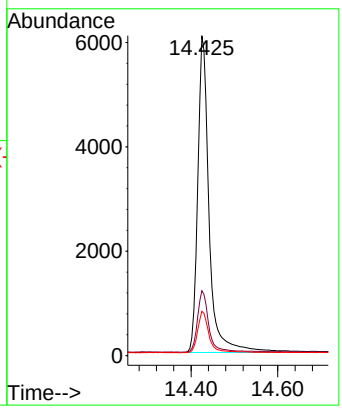


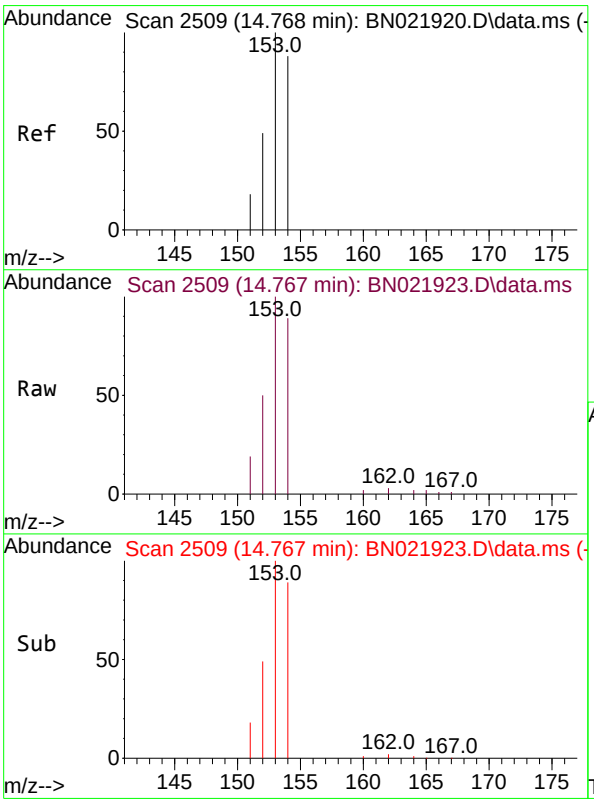
#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.425 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:152 Resp: 11036

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

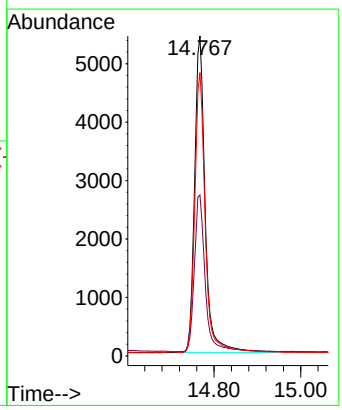


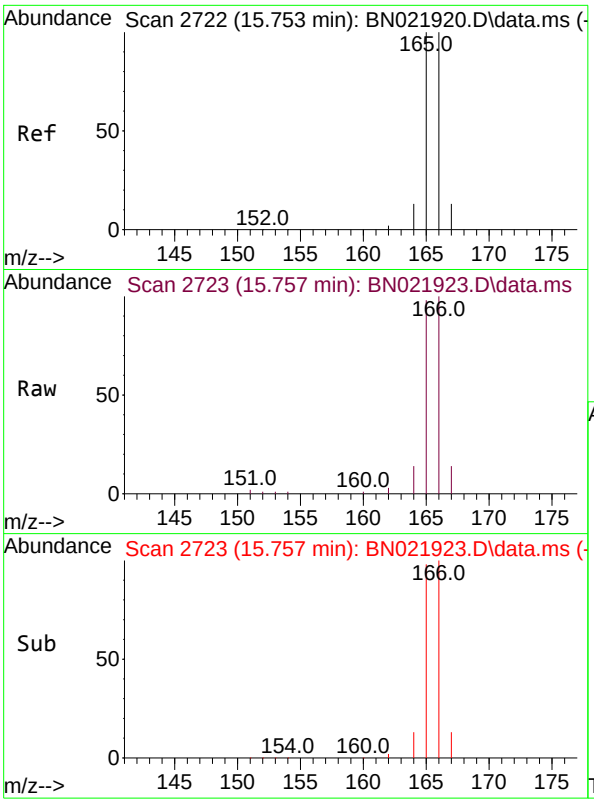


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.767 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:153 Resp: 9192

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.2	60.4
154	88.6	70.7	106.1



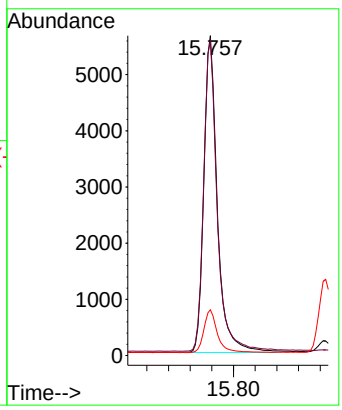


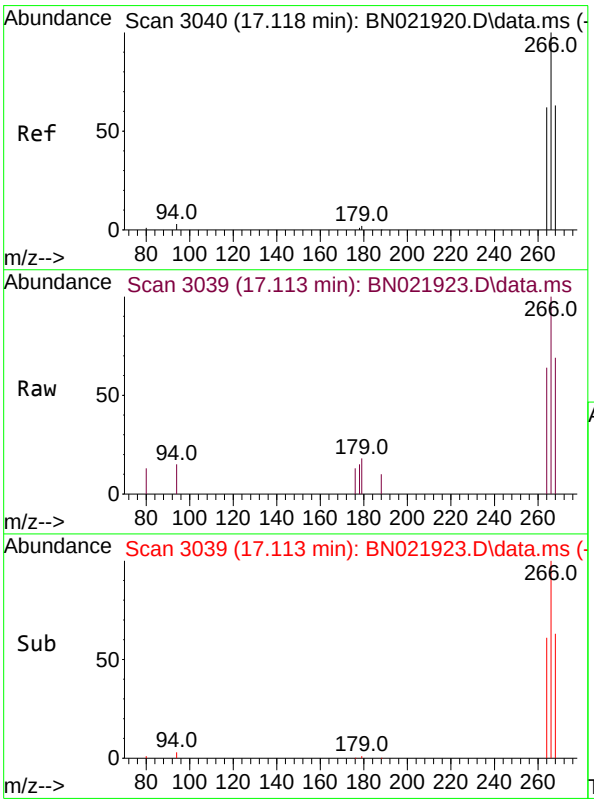
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.757 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:166 Resp: 9756

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.3	11.8	17.6

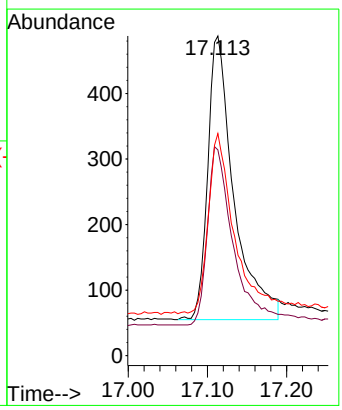


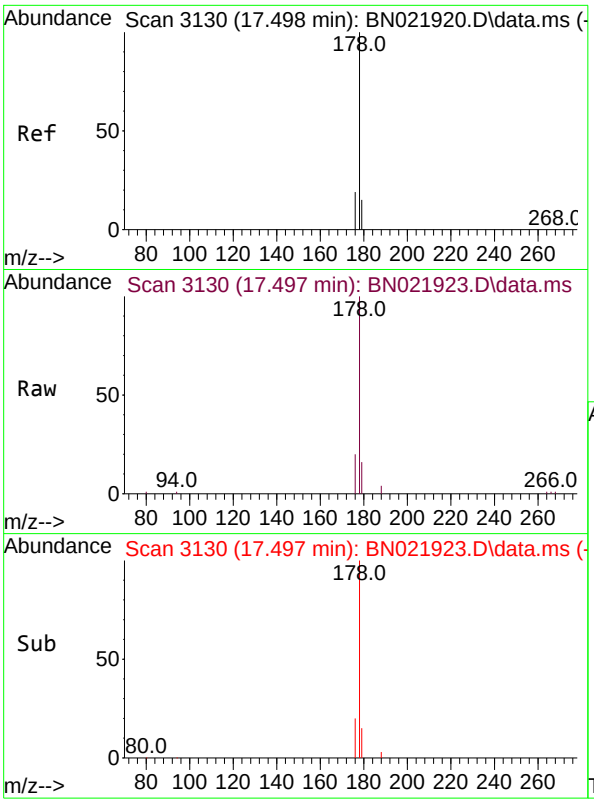


#14
Pentachlorophenol
Concen: 0.444 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:266 Resp: 992

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.8	74.8
268	63.3	50.6	75.8





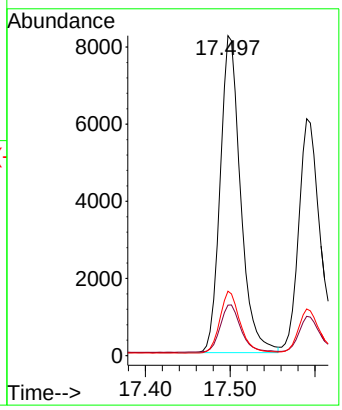
#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.497 min Scan# 3

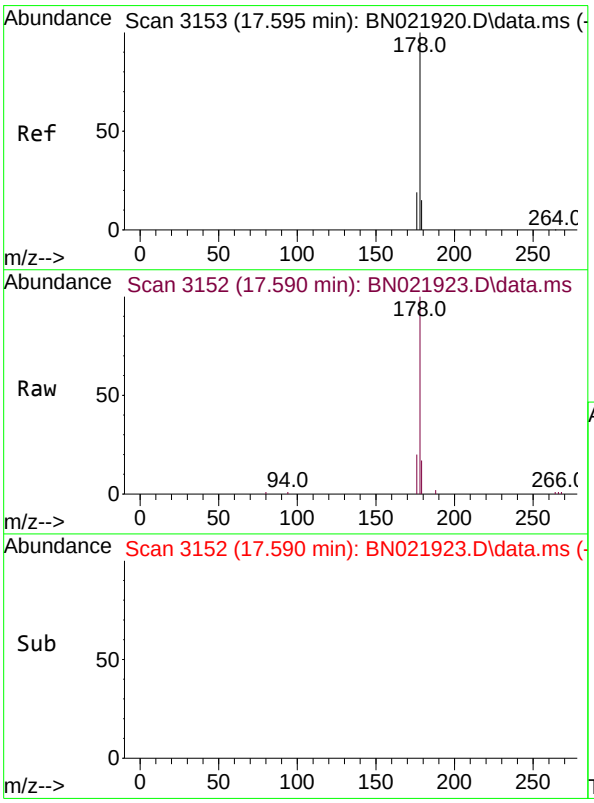
Instrument :
BNA_N
ClientSampleId :
SLCS749

Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:178 Resp: 13727

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.1	15.9	23.9

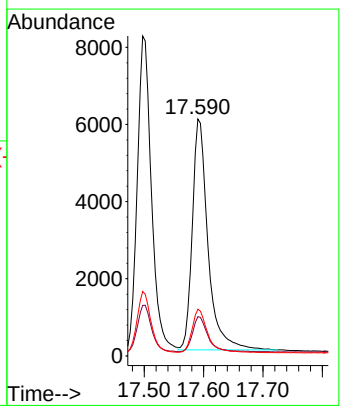


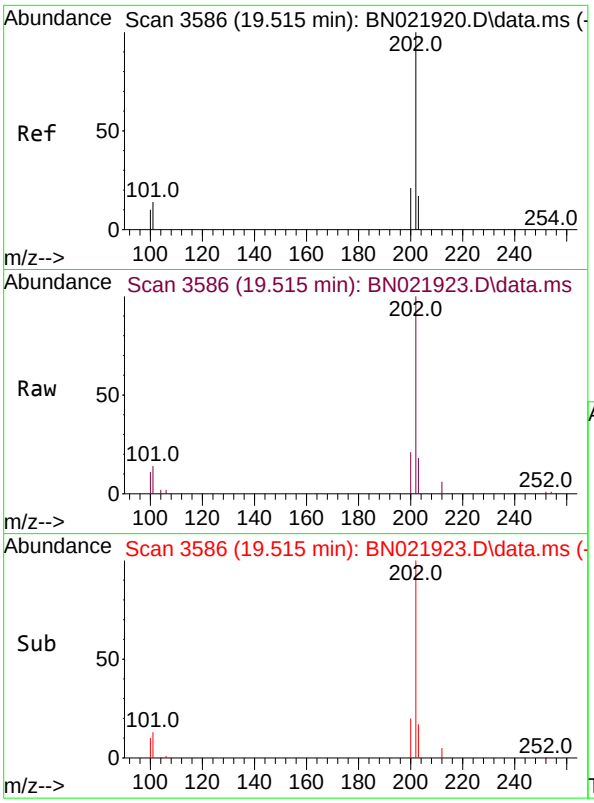


#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.590 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:178 Resp: 10979

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	19.7	15.9	23.9



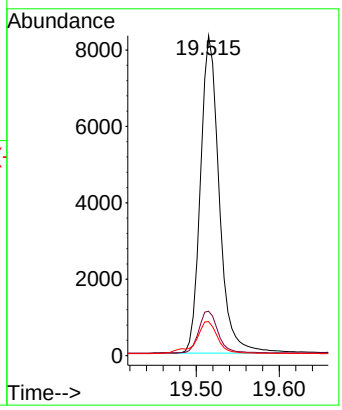


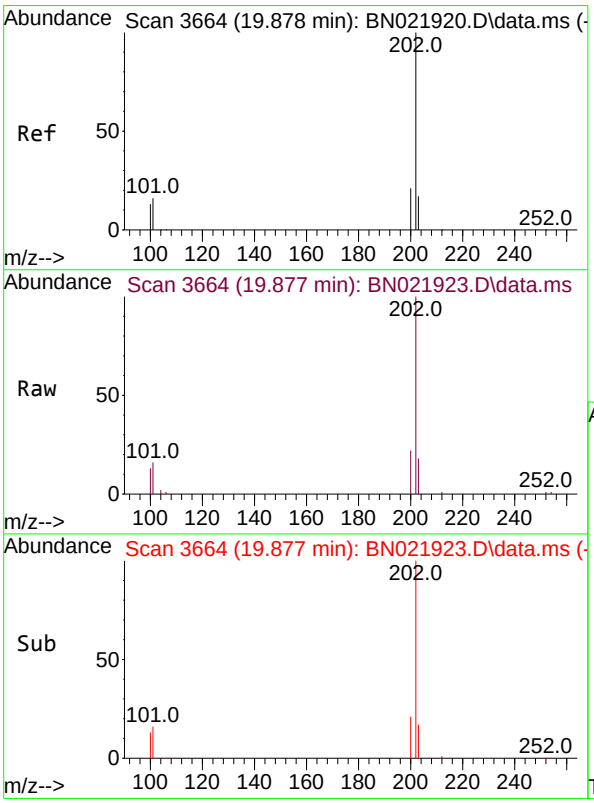
#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:202 Resp: 12995

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.0	15.0
100	10.6	8.0	12.0

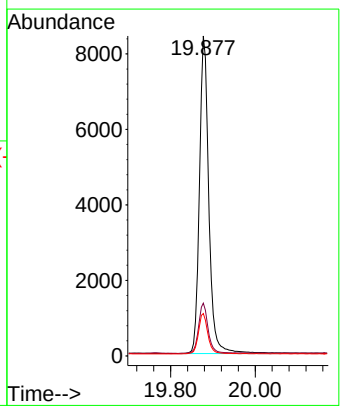


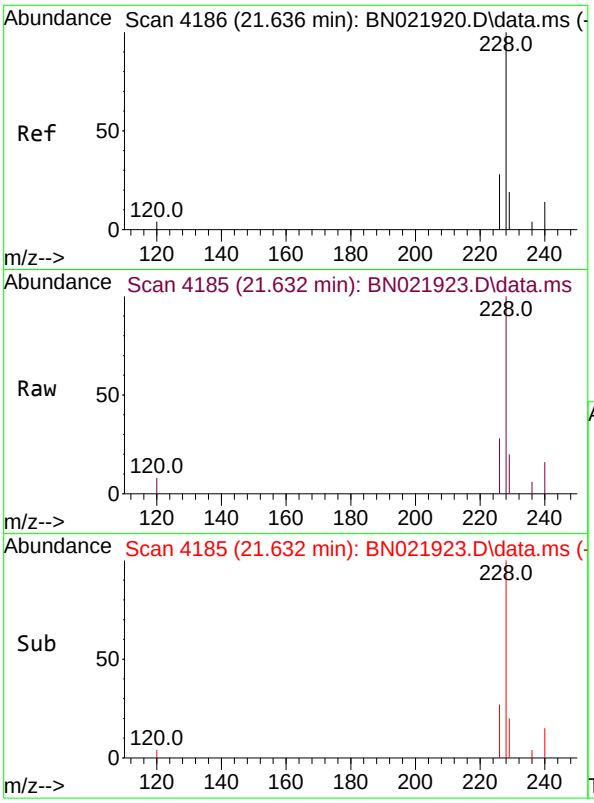


#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.877 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:202 Resp: 12911

Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.3	16.9
100	13.2	9.0	13.4



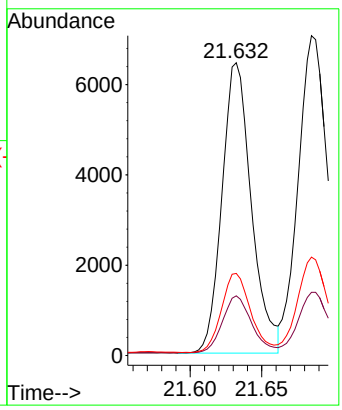


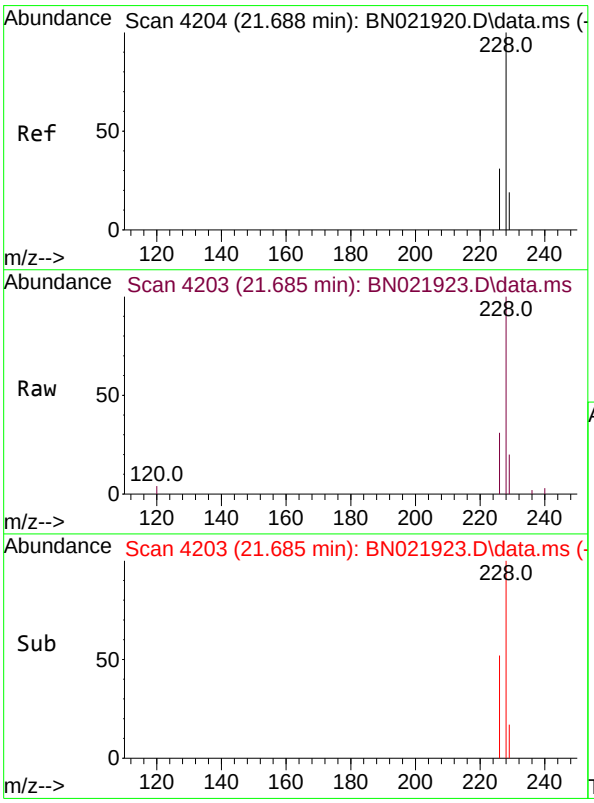
#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.632 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:228 Resp: 9220

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	28.0	21.9	32.9

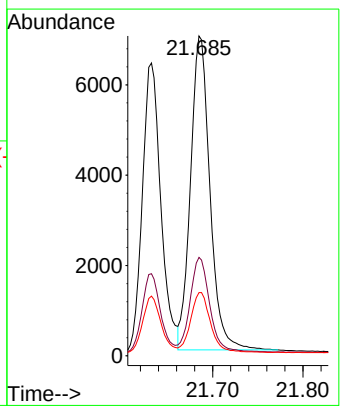


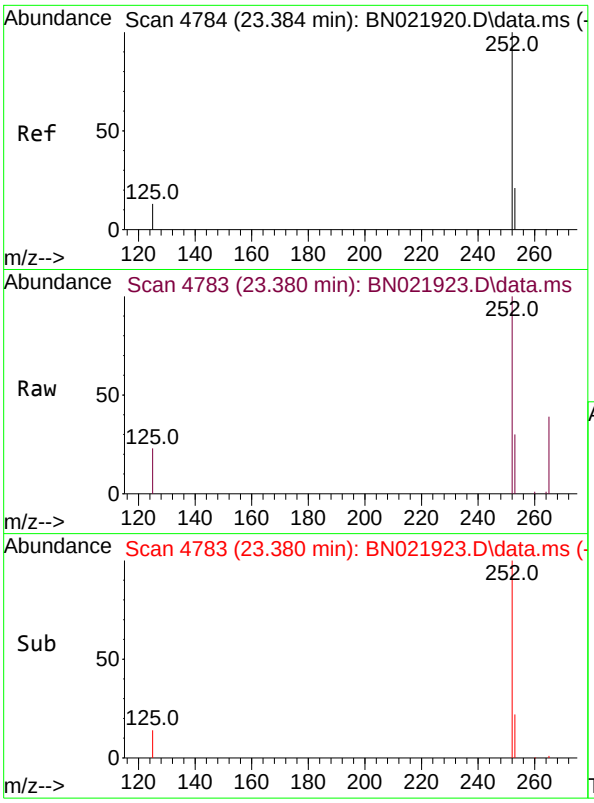


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:228 Resp: 10388

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.7	15.8	23.8



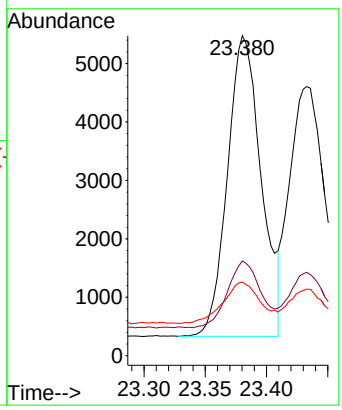


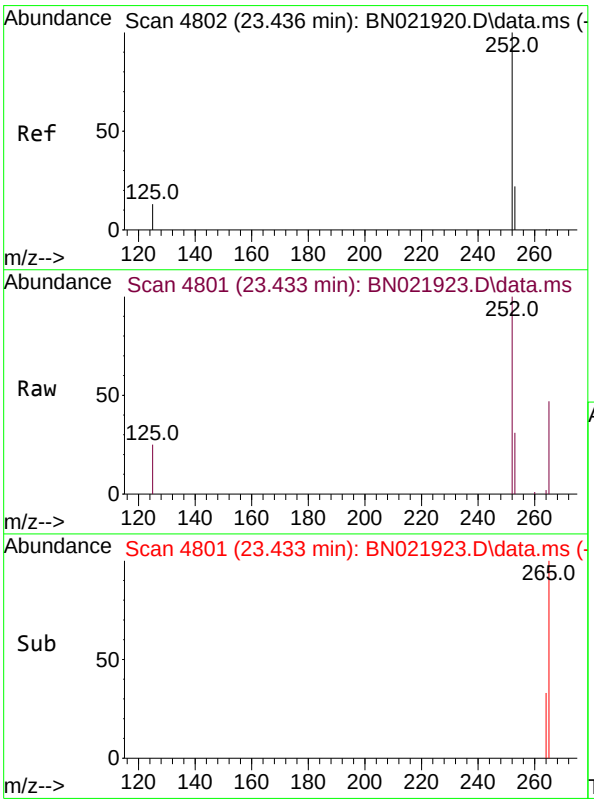
#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.380 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:252 Resp: 9862

Ion	Ratio	Lower	Upper
252	100		
253	29.6	0.0	50.8
125	23.0	0.0	30.0

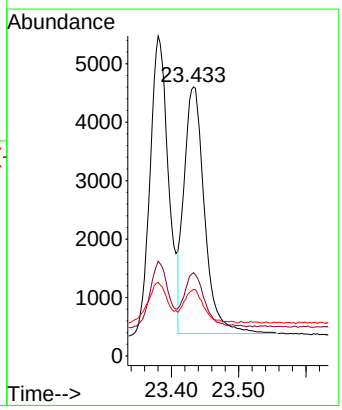


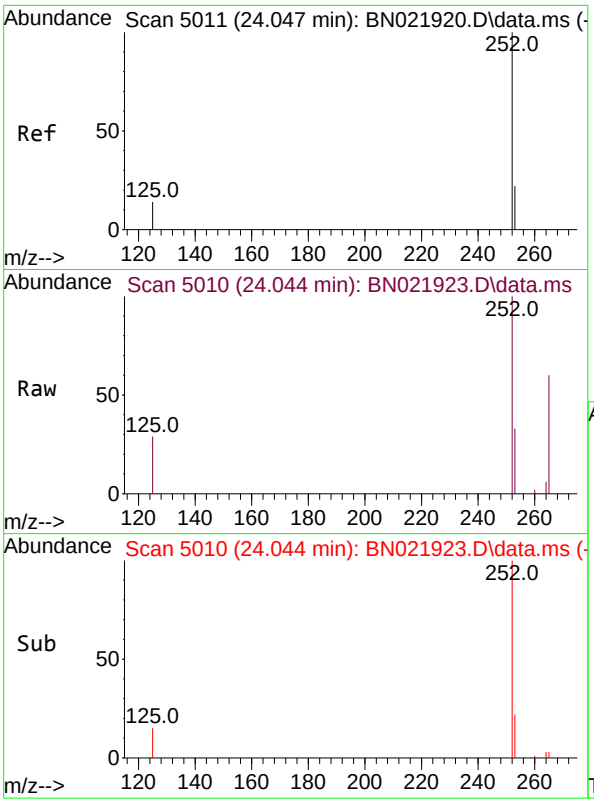


#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:252 Resp: 8968

Ion	Ratio	Lower	Upper
252	100		
253	31.0	20.6	31.0
125	24.7	11.8	17.6#



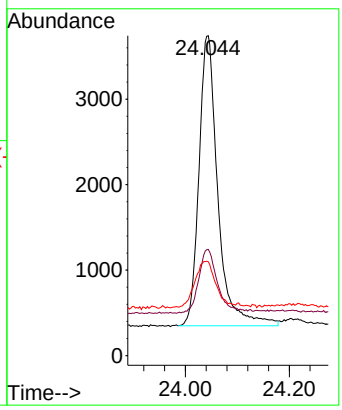


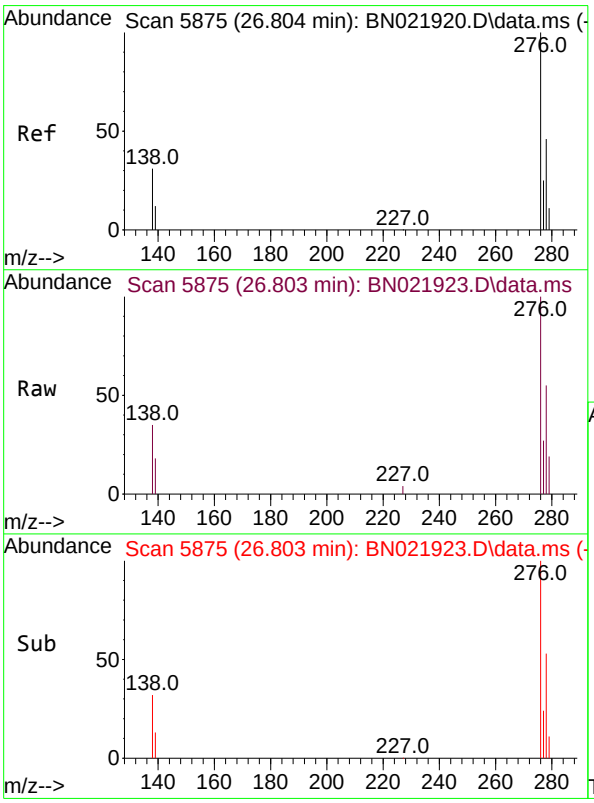
#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 24.044 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:252 Resp: 8563

Ion	Ratio	Lower	Upper
252	100		
253	33.2	22.1	33.1#
125	29.3	14.7	22.1#

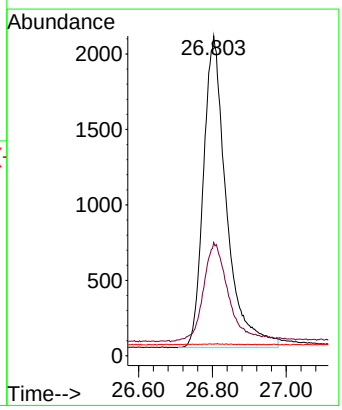


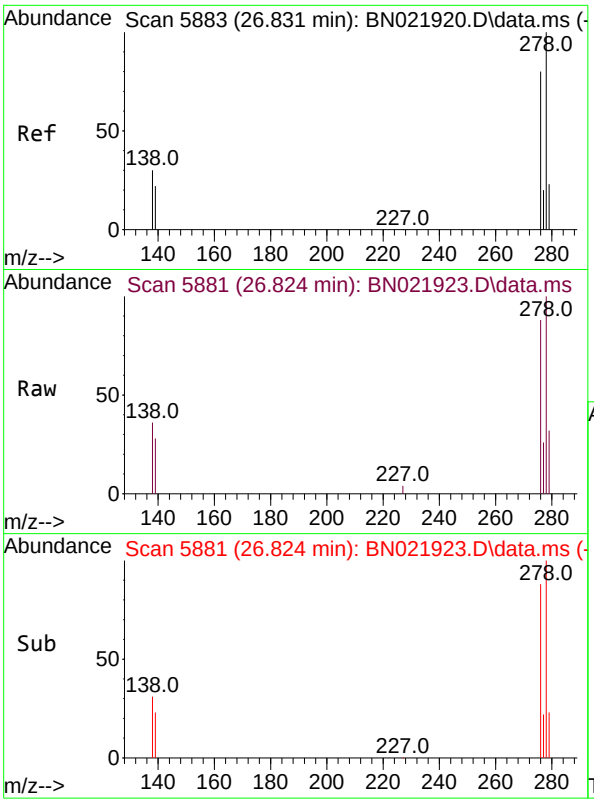


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.803 min Scan# 5875
Delta R.T. 0.013 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:276 Resp: 8914

Ion	Ratio	Lower	Upper
276	100		
138	35.3	26.1	39.1
227	0.1	0.1	0.1#



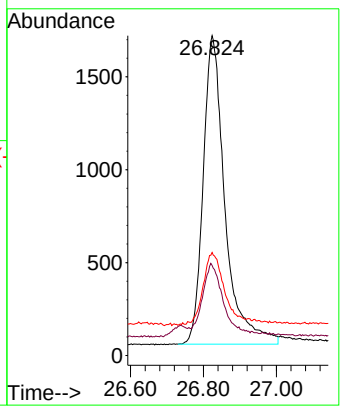


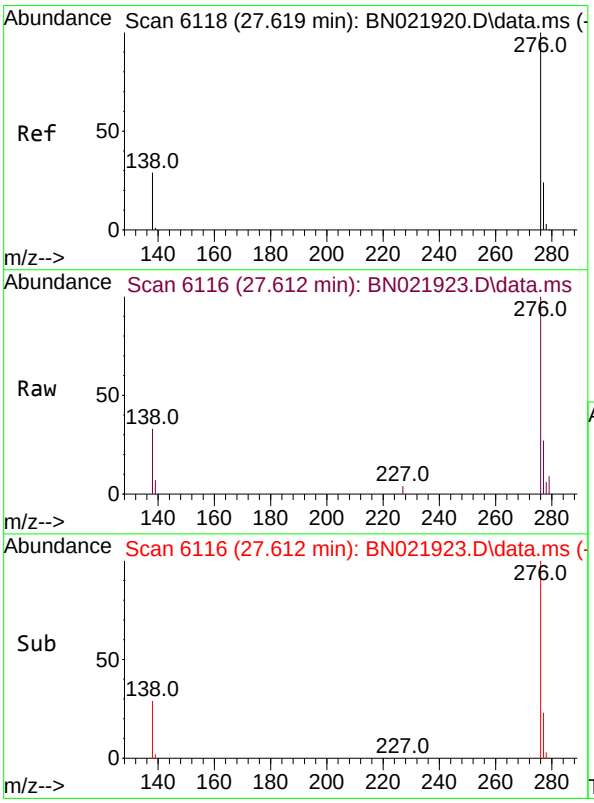
#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.824 min Scan# 58
Delta R.T. 0.006 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Instrument :
BNA_N
ClientSampleId :
SLCS749

Tgt Ion:278 Resp: 6905

Ion	Ratio	Lower	Upper
278	100		
139	28.2	18.3	27.5#
279	32.2	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.612 min Scan# 6116
Delta R.T. 0.003 min
Lab File: BN021923.D
Acq: 26 Sep 2022 18:17

Tgt Ion:276 Resp: 8550

Ion	Ratio	Lower	Upper
276	100		
138	32.9	22.6	34.0
277	26.8	20.2	30.2