Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060122\
Data File : BN020012.D
Acq On : 01 Jun 2022 12:17
Operator : CG/JU
Sample : PB145095BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS095

Quant Time: Jun 01 12:48:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 16:55:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	3856	0.400	ng/ul		0.00
4) Naphthalene-d8	10.634	136	12320	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.465	164	7222	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.204	188	15562	0.400	ng/ul		0.00
17) Chrysene-d12	21.398	240	13594	0.400	ng/ul		0.00
23) Perylene-d12	23.734	264	12167	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.311	96	2952	0.672	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.223	152	6752	0.343	ng/ul		0.00
18) Fluoranthene-d10	19.234	212	14395	0.350	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.344	88	7268	1.573	ng/ul	#	70
5) Naphthalene	10.678	128	11523	0.297	ng/ul		99
7) 2-Methylnaphthalene	12.294	142	7392	0.297	ng/ul	#	100
8) 1-Methylnaphthalene	12.514	142	7729	0.333	ng/ul	#	100
10) Acenaphthylene	14.187	152	10522	0.294	ng/ul		100
11) Acenaphthene	14.529	153	8150	0.296	ng/ul		99
12) Fluorene	15.515	166	9271	0.293	ng/ul		100
14) Pentachlorophenol	16.862	266	1542	0.471	ng/ul		89
15) Phenanthrene	17.246	178	16286	0.295	ng/ul		99
16) Anthracene	17.339	178	14209	0.298	ng/ul		99
19) Fluoranthene	19.267	202	18406	0.317	ng/ul		99
20) Pyrene	19.629	202	18607	0.318	ng/ul		99
21) Benzo(a)anthracene	21.381	228	17031	0.342	ng/ul		99
22) Chrysene	21.433	228	19605	0.349	ng/ul		99
24) Benzo(b)fluoranthene	23.026	252	18766	0.336	ng/ul		91
25) Benzo(k)fluoranthene	23.073	252	19218	0.350	ng/ul		97
26) Benzo(a)pyrene	23.631	252	17782	0.348	ng/ul	#	78
27) Indeno(1,2,3-cd)pyrene	26.132	276	20698	0.355	ng/ul	#	94
28) Dibenzo(a,h)anthracene	26.149	278	16942	0.356	ng/ul	#	81
29) Benzo(g,h,i)perylene	26.864	276	17426	0.353	ng/ul		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060122\
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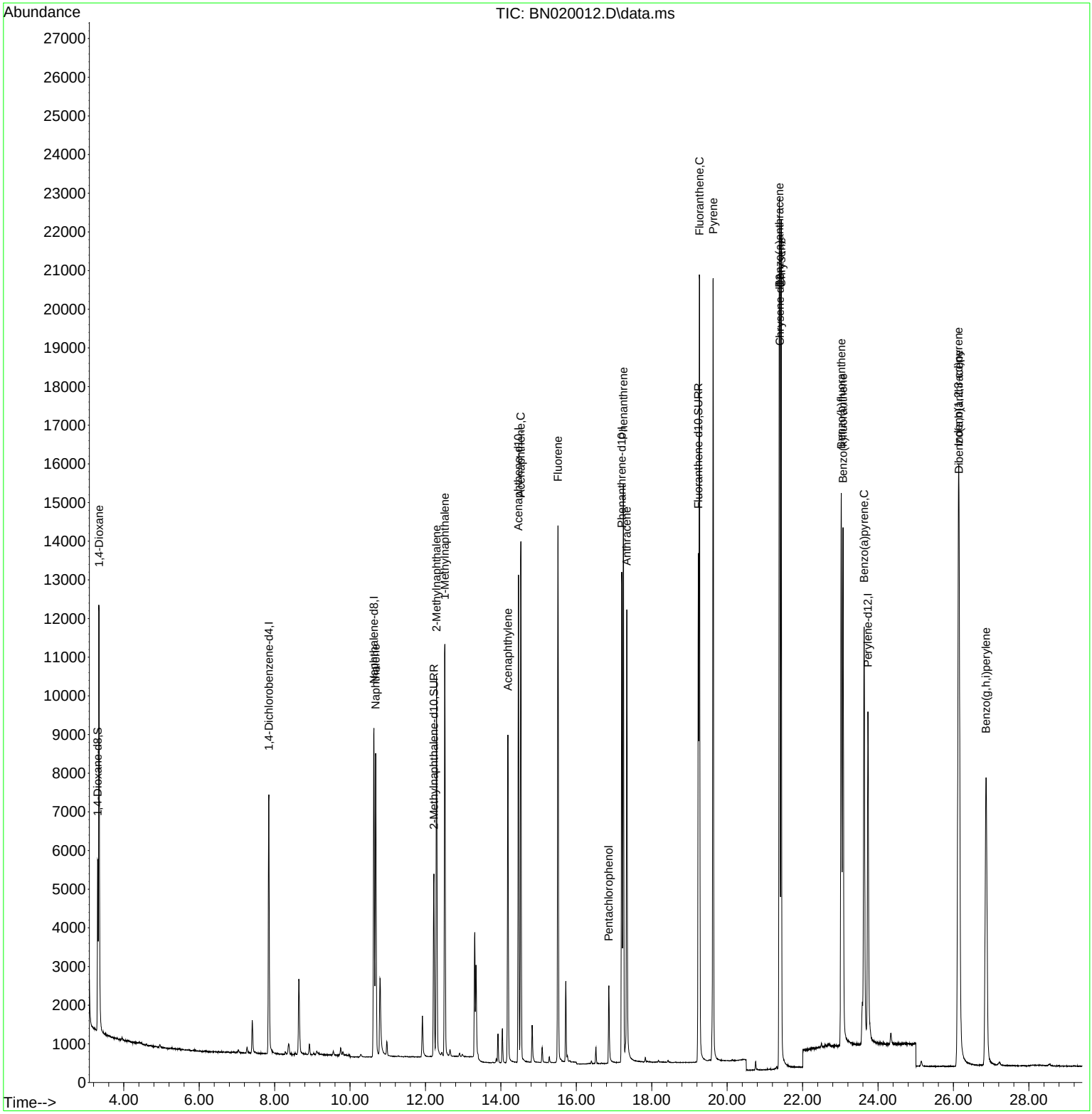
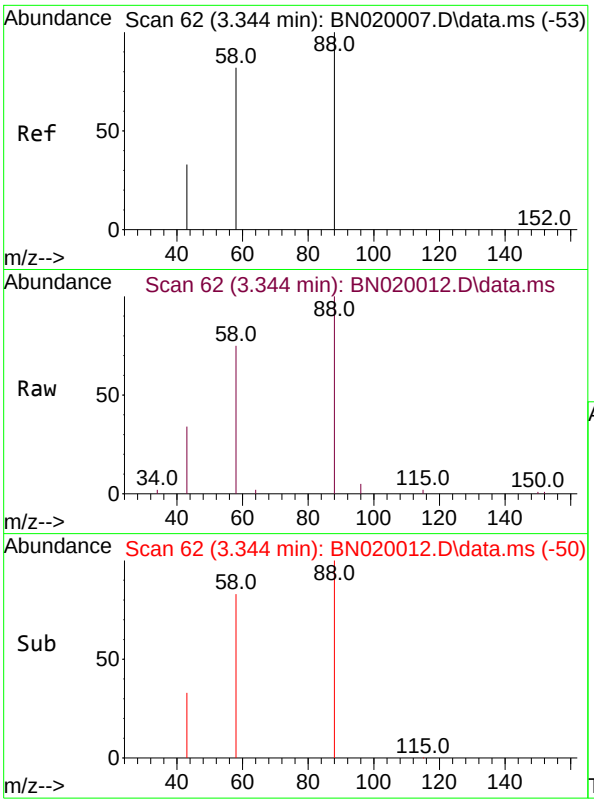
Quant Time: Jun 01 12:48:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 16:55:35 2022
Response via : Initial Calibration



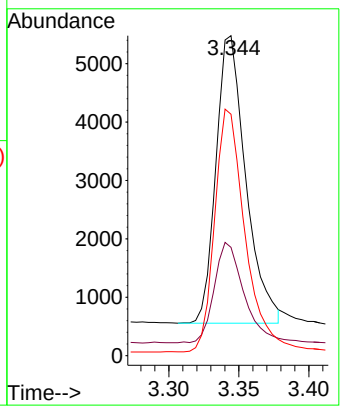


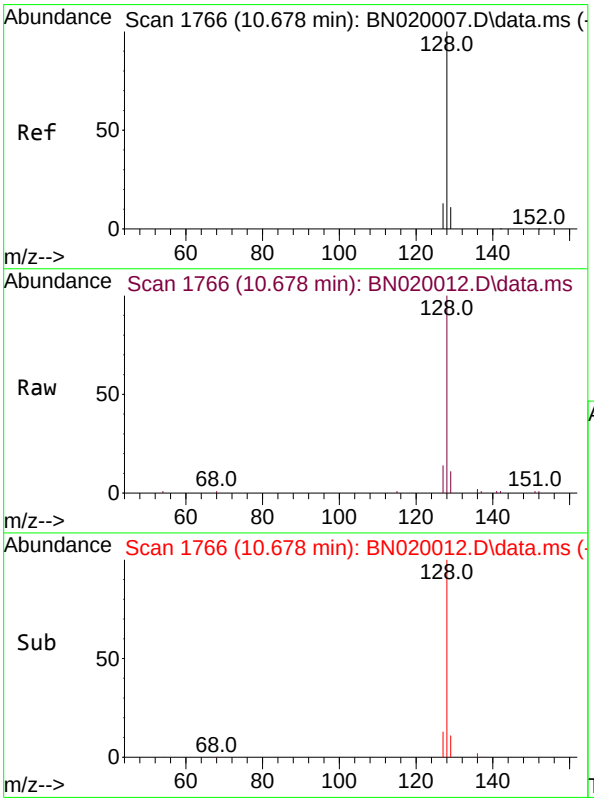
#2
1,4-Dioxane
Concen: 1.573 ng/ul
RT: 3.344 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion: 88 Resp: 7268

Ion	Ratio	Lower	Upper
88	100		
43	33.9	39.0	58.4#
58	75.4	39.8	59.8#

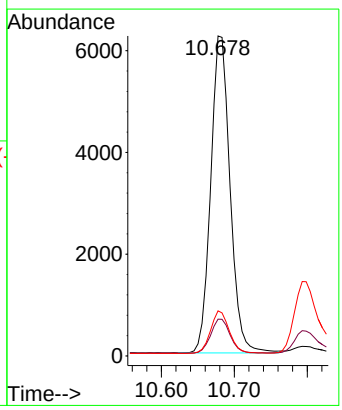


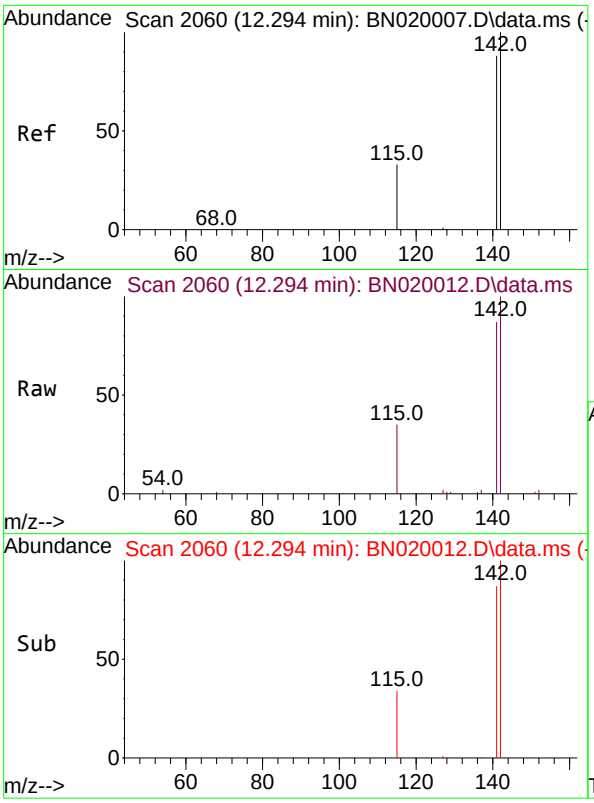


#5
Naphthalene
Concen: 0.297 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:128 Resp: 11523

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	14.1	11.0	16.4



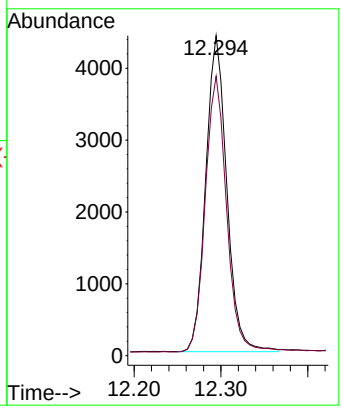


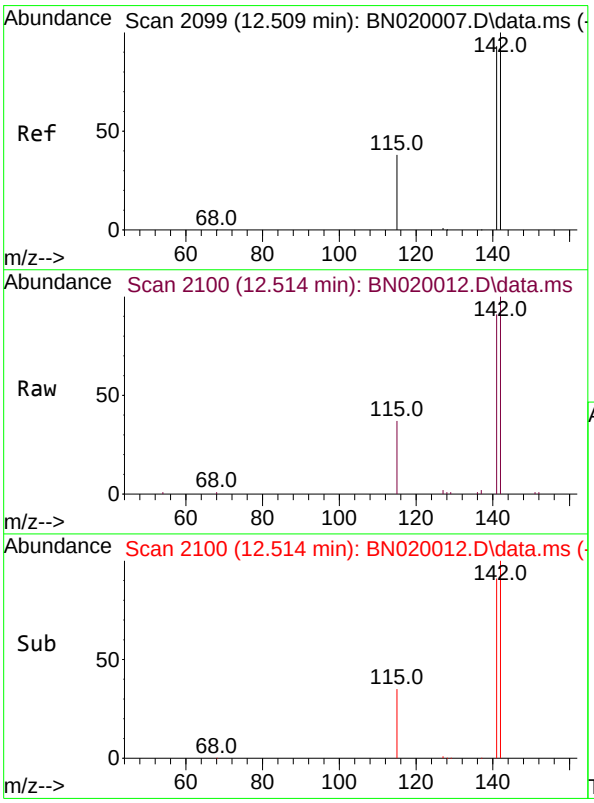
#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:142 Resp: 7392

Ion	Ratio	Lower	Upper
142	100		
141	88.5	0.0	0.0#

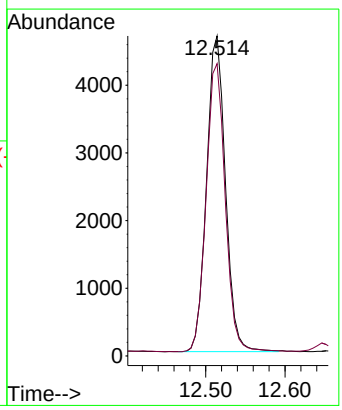


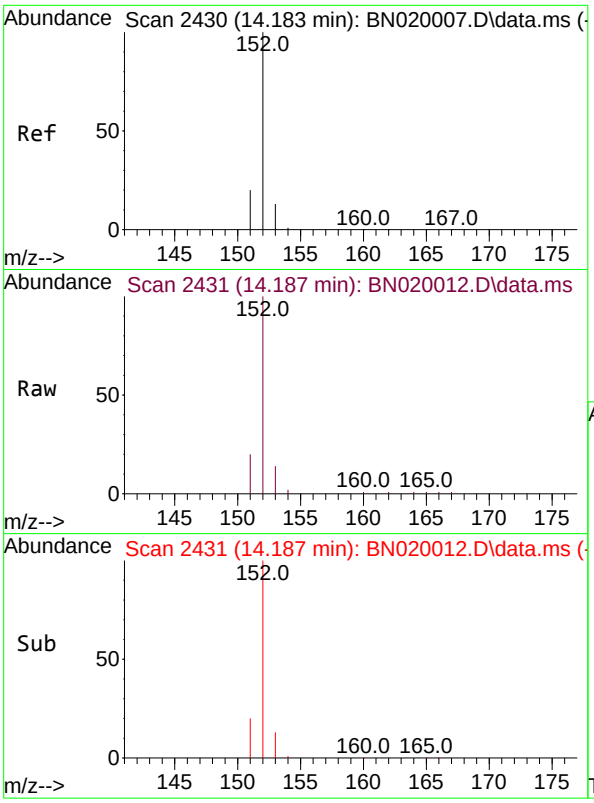


#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:142 Resp: 7729

Ion	Ratio	Lower	Upper
142	100		
141	92.2	0.0	0.0#



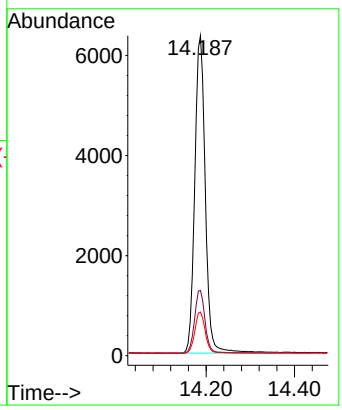


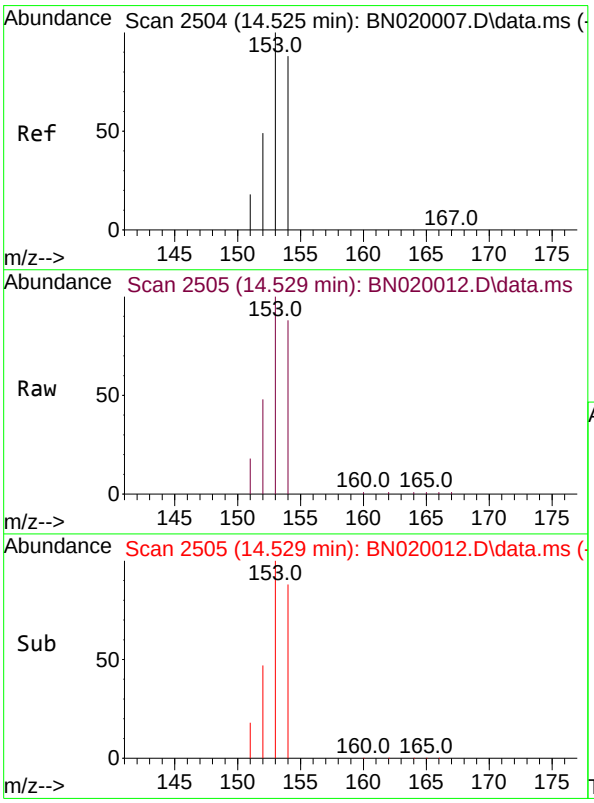
#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.187 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:152 Resp: 10522

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	11.1	16.7

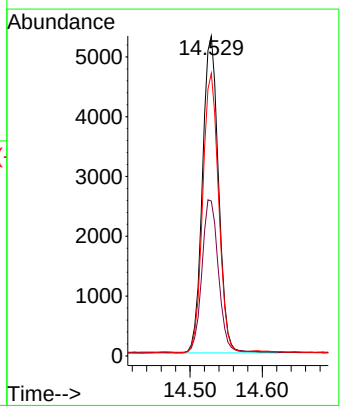


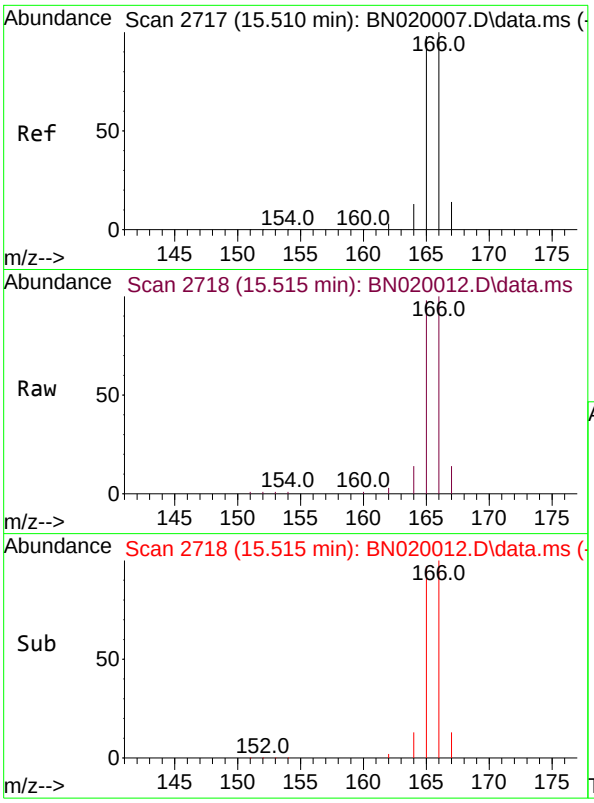


#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:153 Resp: 8150

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.6	57.8
154	88.3	71.2	106.8



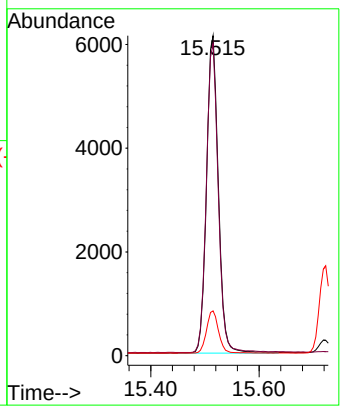


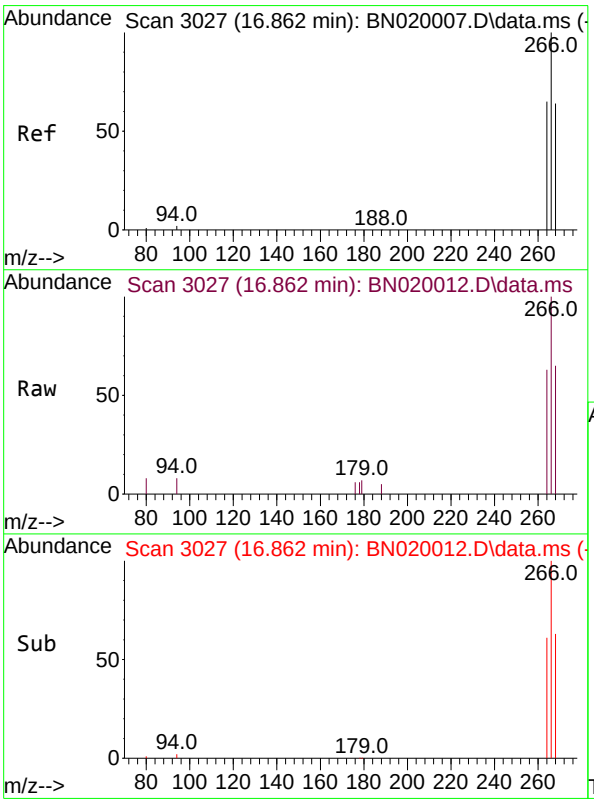
#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.515 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:166 Resp: 9271

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	14.0	11.3	16.9

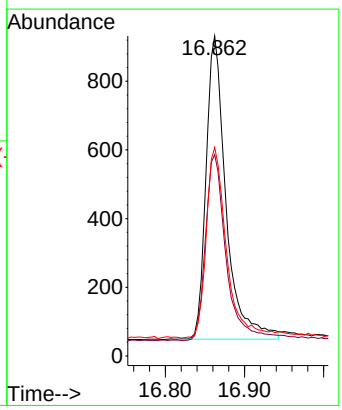


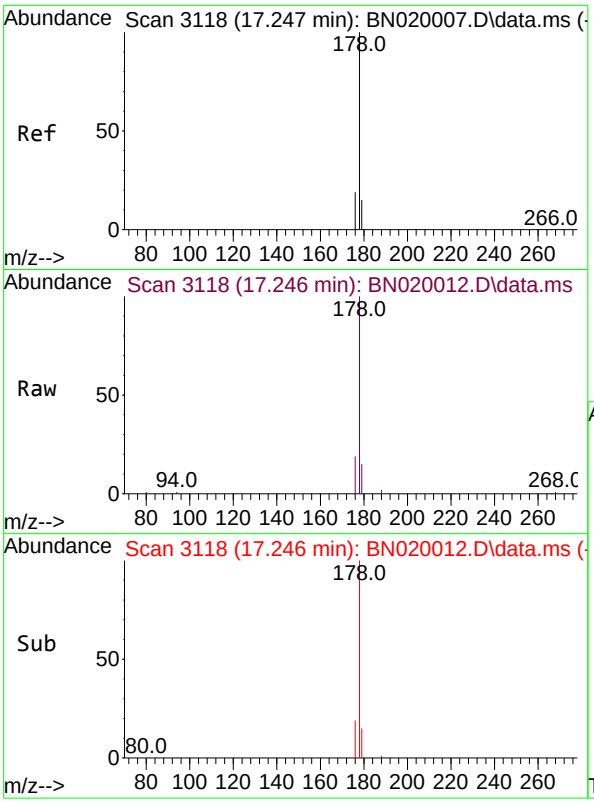


#14
Pentachlorophenol
Concen: 0.471 ng/ul
RT: 16.862 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:266 Resp: 1542

Ion	Ratio	Lower	Upper
266	100		
264	63.4	44.9	67.3
268	64.3	44.6	67.0



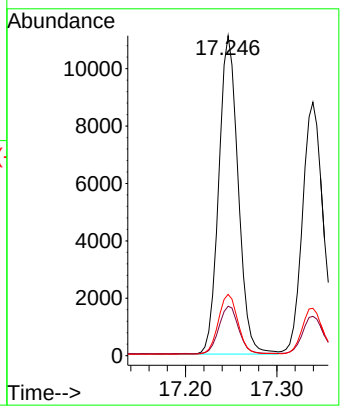


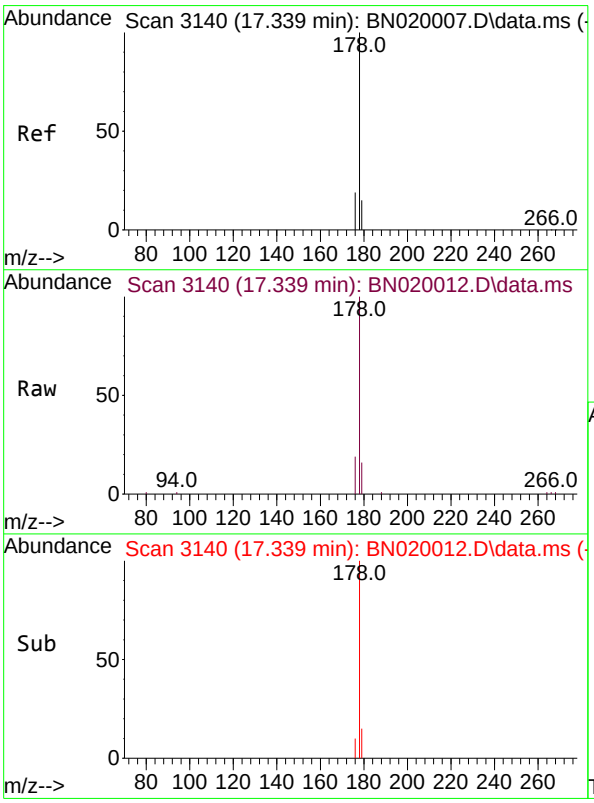
#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.246 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:178 Resp: 16286

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.1	15.5	23.3

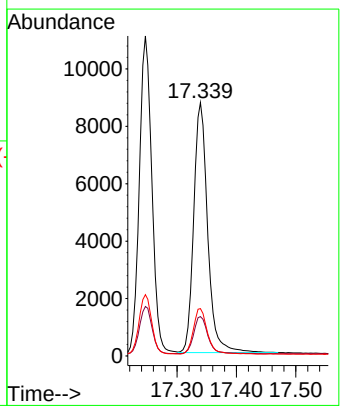


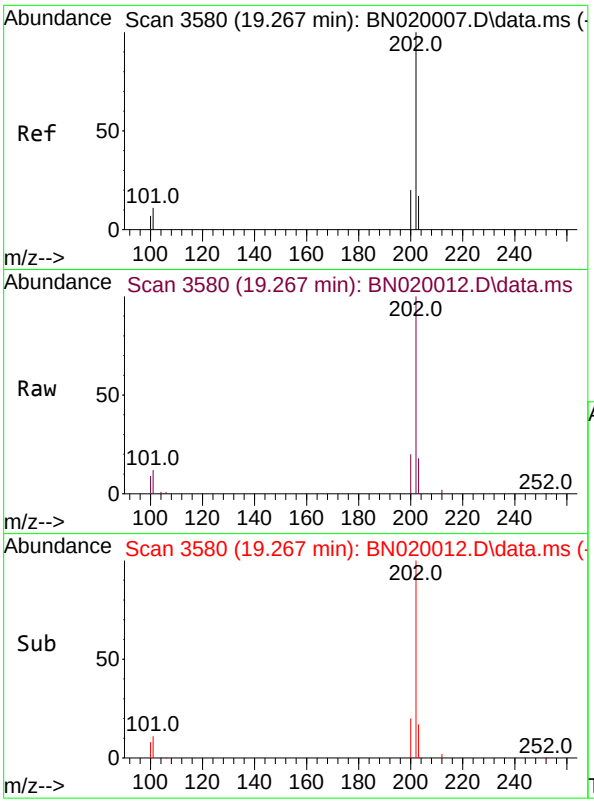


#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:178 Resp: 14209

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	18.7	15.3	22.9



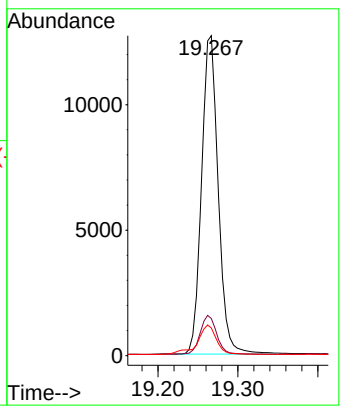


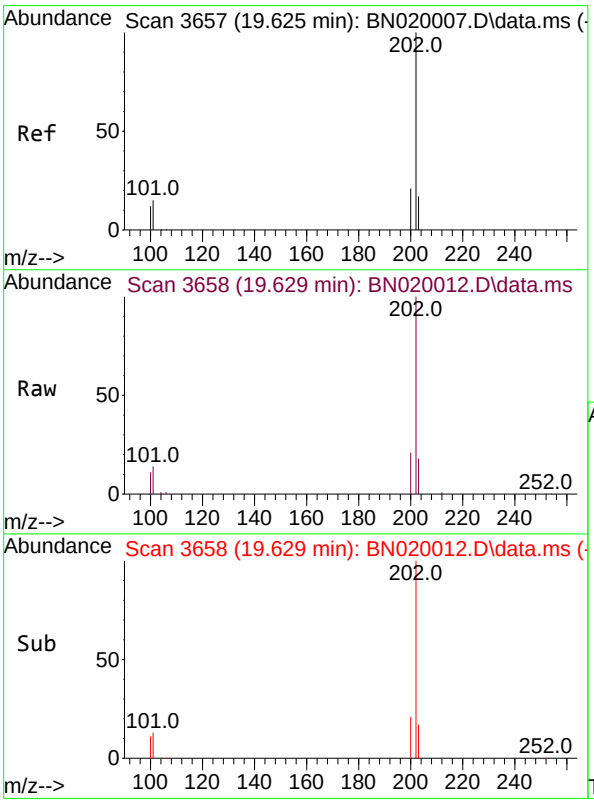
#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.267 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:202 Resp: 18406

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.7	14.5
100	8.7	7.4	11.2

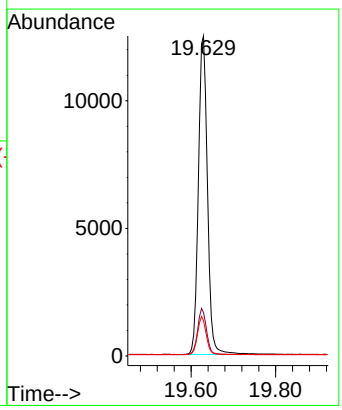


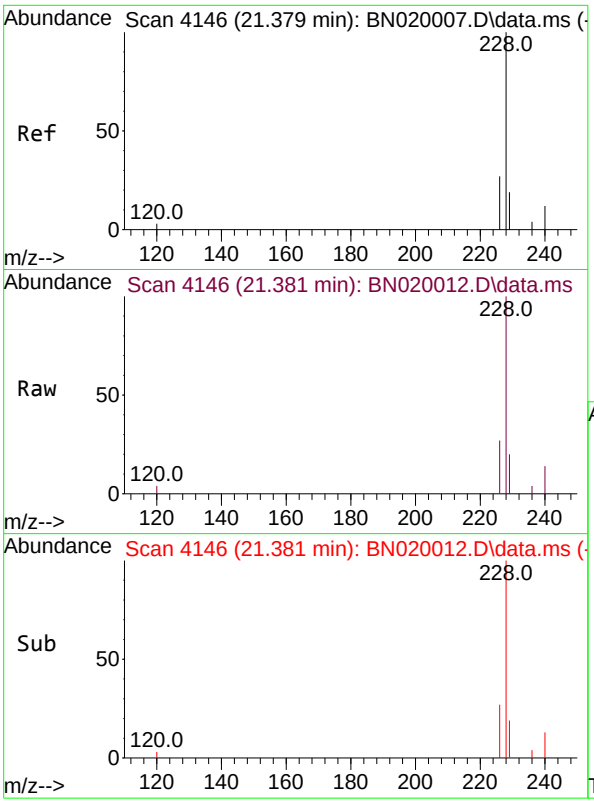


#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:202 Resp: 18607

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	11.0	9.0	13.4



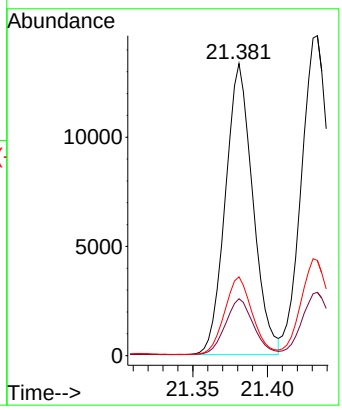


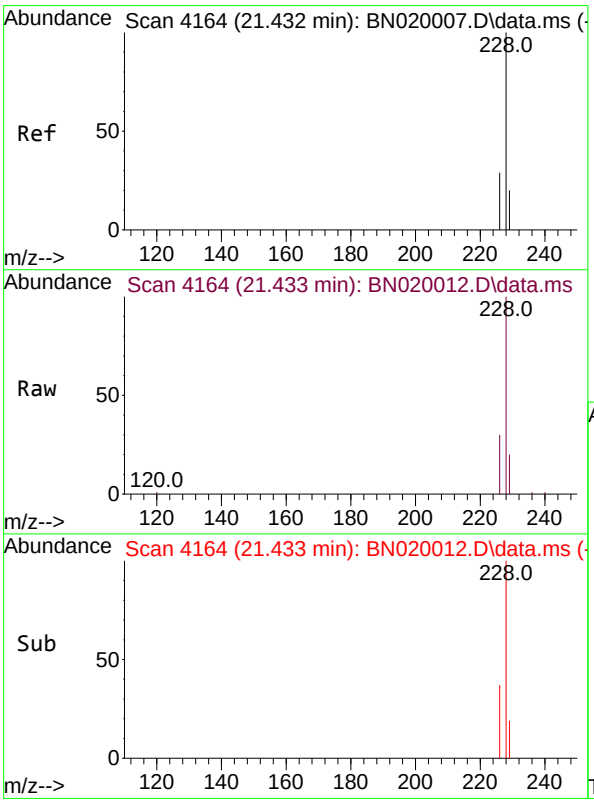
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.381 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:228 Resp: 17031

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.1	24.1
226	27.0	22.1	33.1

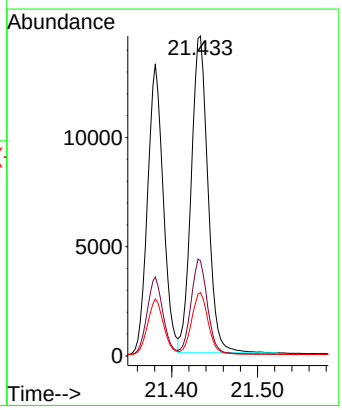


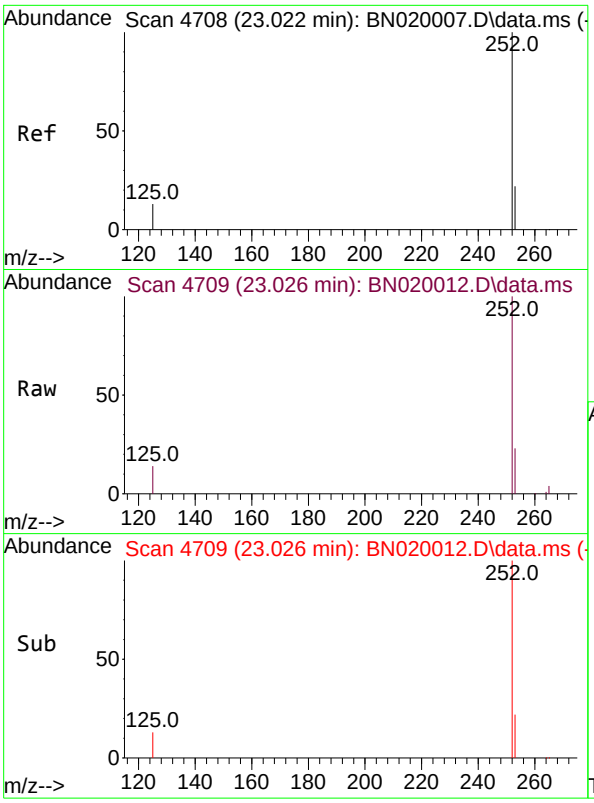


#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:228 Resp: 19605

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.8	16.0	24.0



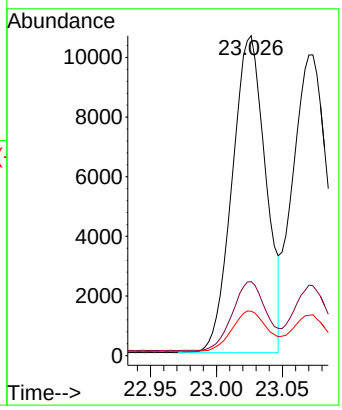


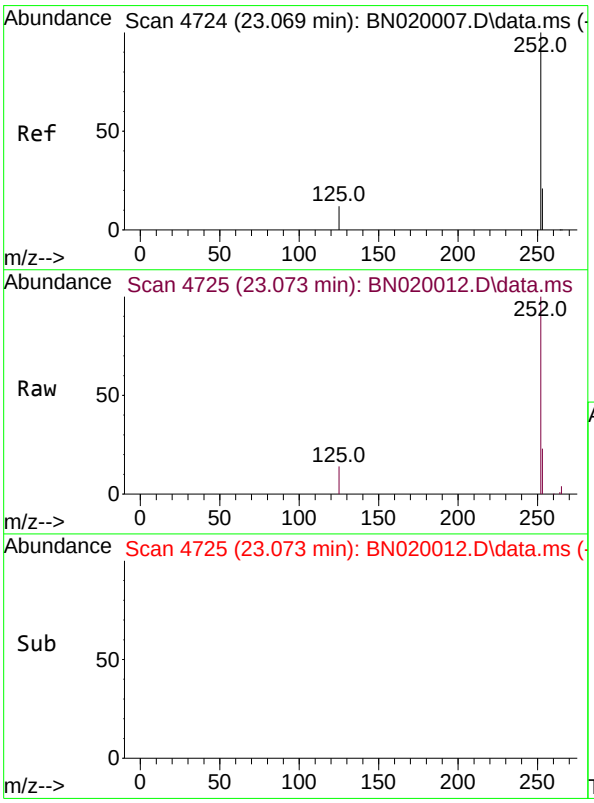
#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.026 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:252 Resp: 18766

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.0
125	13.9	0.0	40.2

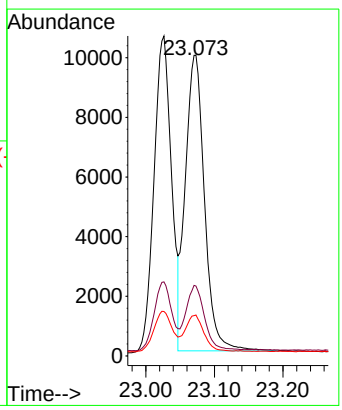


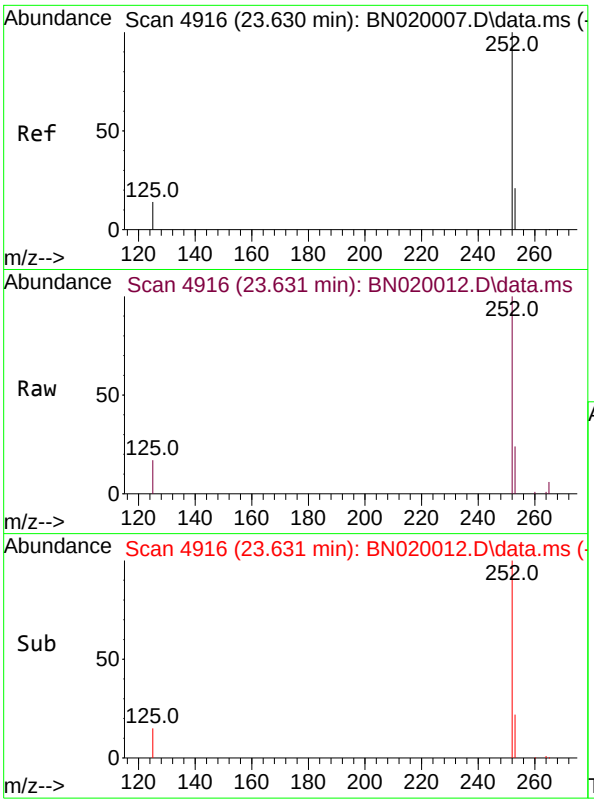


#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.073 min Scan# 4725
Delta R.T. 0.000 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:252 Resp: 19218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.2
125	13.6	11.0	16.6



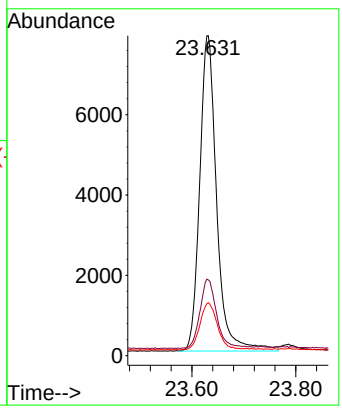


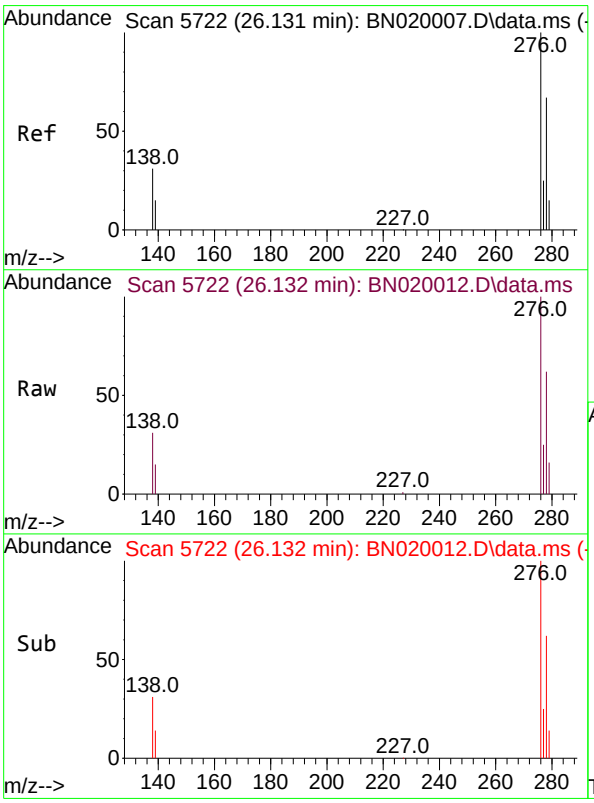
#26
Benzo(a)pyrene
Concen: 0.348 ng/ul
RT: 23.631 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:252 Resp: 17782

Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.4	35.0
125	16.5	28.3	42.5#

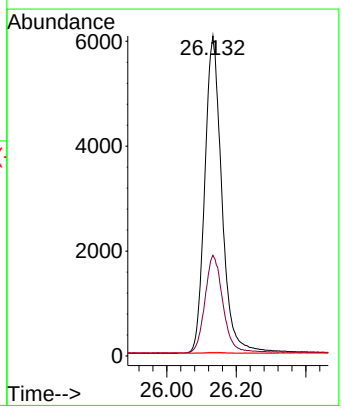


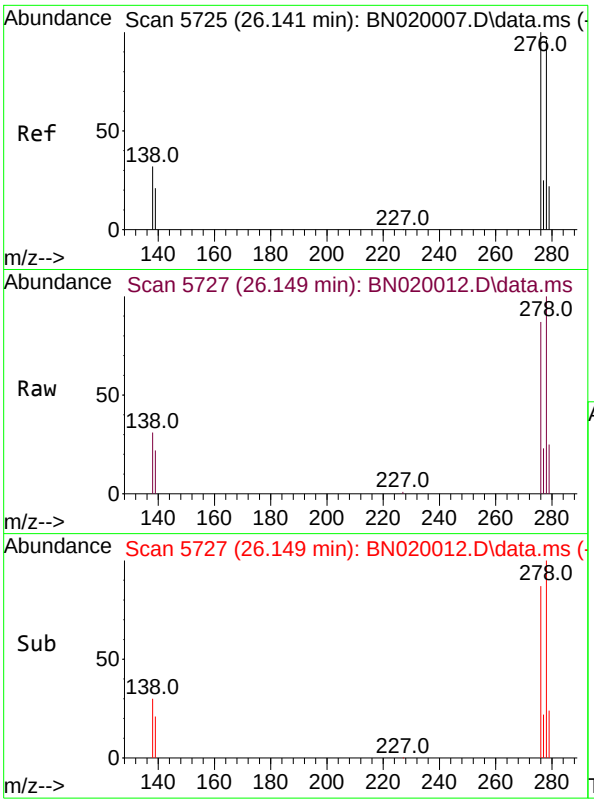


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.132 min Scan# 5722
Delta R.T. -0.007 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:276 Resp: 20698

Ion	Ratio	Lower	Upper
276	100		
138	32.6	23.6	35.4
227	0.2	0.0	0.0#



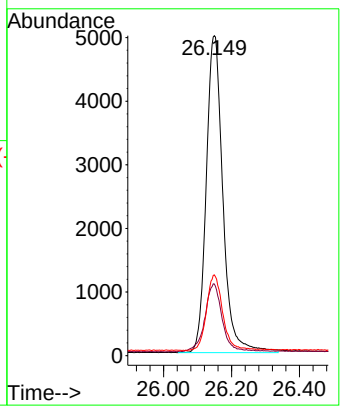


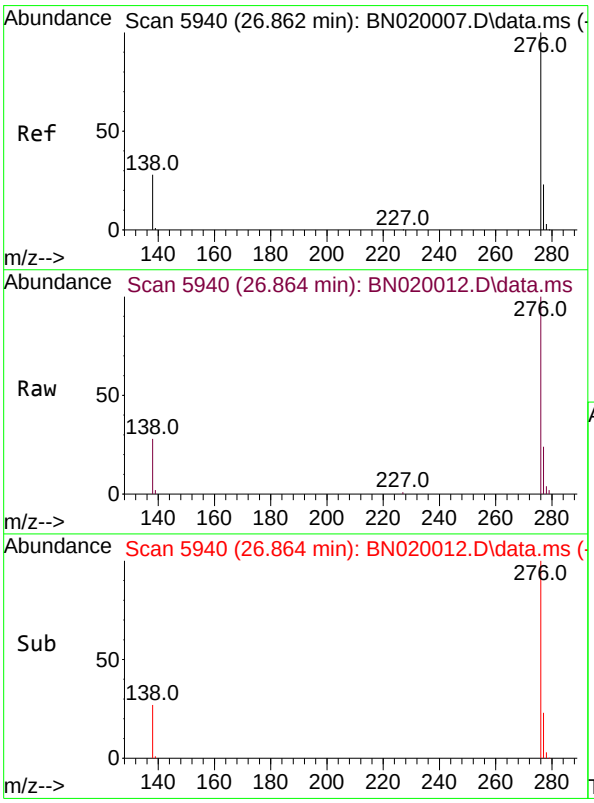
#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.149 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS095

Tgt Ion:278 Resp: 16942

Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.6	28.0
279	25.3	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.864 min Scan# 5940
Delta R.T. -0.010 min
Lab File: BN020012.D
Acq: 01 Jun 2022 12:17

Tgt Ion:276 Resp: 17426

Ion	Ratio	Lower	Upper
276	100		
138	28.3	20.9	31.3
277	24.1	20.4	30.6