Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030111.D
Acq On : 28 Feb 2024 02:46
Operator : MA/JU
Sample : PB159257BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS257

Quant Time: Feb 28 03:19:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	12175	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.497	164	5388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	9412	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	6732	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	5454	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	4033	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	5678	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	9293	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	11303	1.985	ng/ul#	84
5) Naphthalene	10.694	128	12564	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.317	142	6959	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.537	142	7349	0.367	ng/ul	99
10) Acenaphthylene	14.220	152	9487	0.361	ng/ul	98
11) Acenaphthene	14.562	153	7716	0.386	ng/ul	99
12) Fluorene	15.561	166	7779	0.372	ng/ul	98
14) Pentachlorophenol	16.909	266	1674	0.797	ng/ul#	50
15) Phenanthrene	17.301	178	11117	0.378	ng/ul	97
16) Anthracene	17.399	178	9334	0.377	ng/ul	97
19) Fluoranthene	19.323	202	12547	0.406	ng/ul	100
20) Pyrene	19.680	202	13440	0.424	ng/ul	99
21) Benzo(a)anthracene	21.444	228	8444	0.348	ng/ul	99
22) Chrysene	21.493	228	10882	0.410	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	9185	0.448	ng/ul	96
25) Benzo(k)fluoranthene	23.147	252	11047	0.485	ng/ul	97
26) Benzo(a)pyrene	23.715	252	8681	0.450	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.282	276	9703	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.329	278	7343	0.400	ng/ul#	89
29) Benzo(g,h,i)perylene	27.006	276	9281	0.437	ng/ul	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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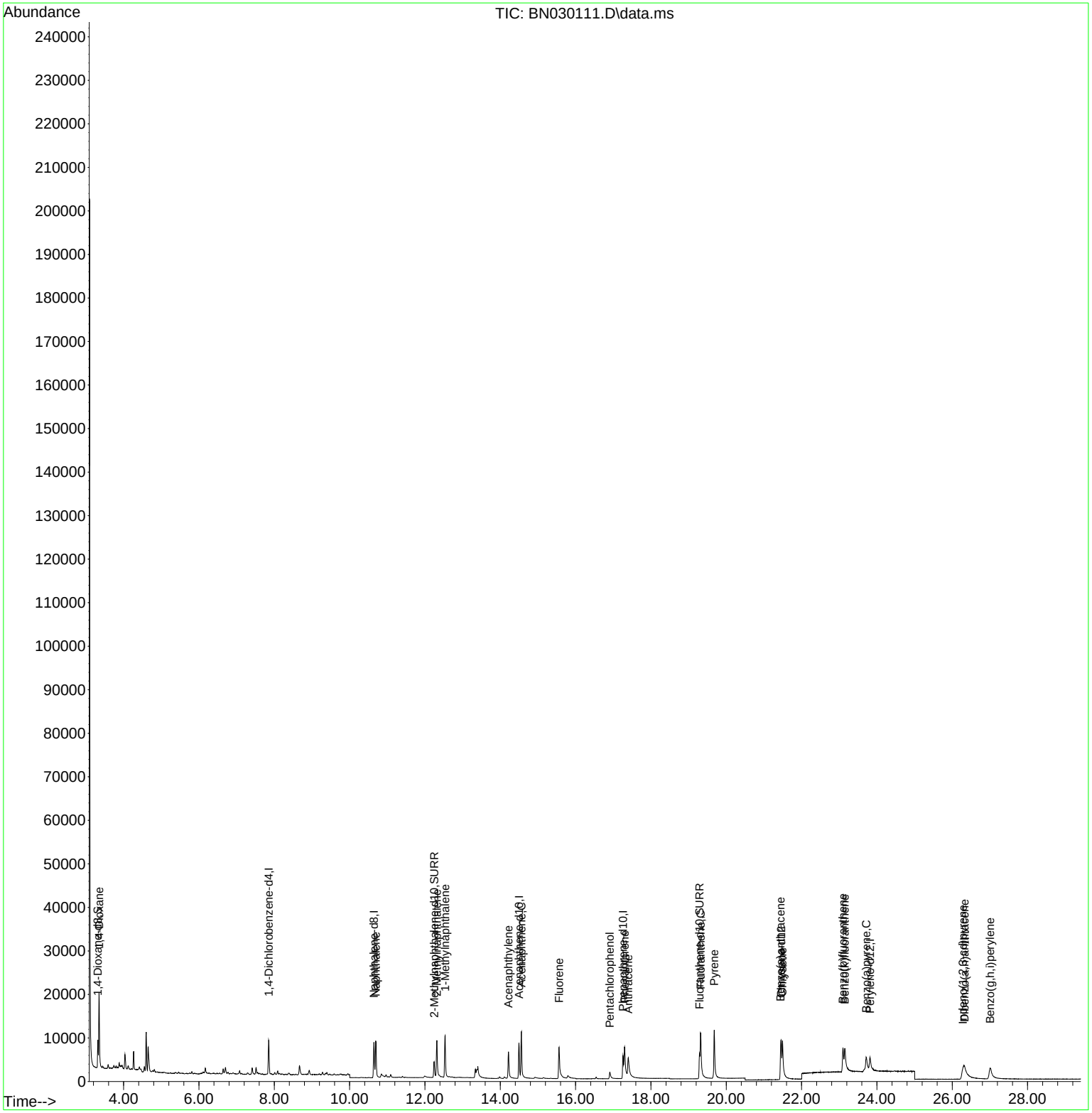
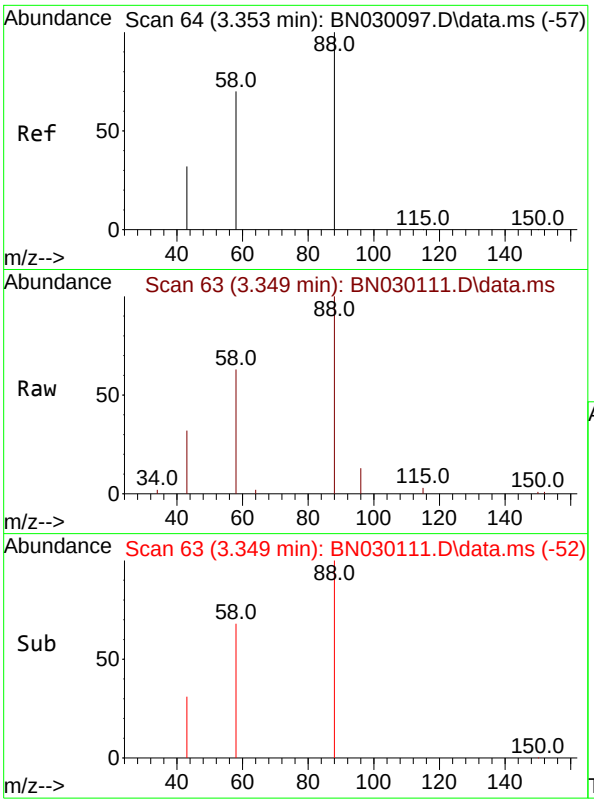


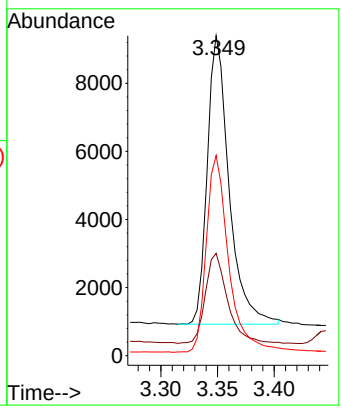


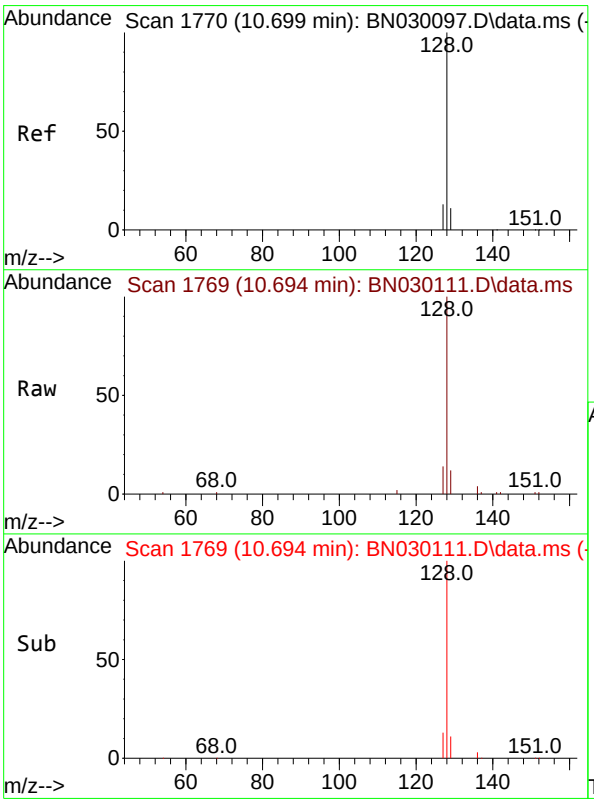
#2
1,4-Dioxane
Concen: 1.985 ng/ul
RT: 3.349 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion: 88 Resp: 11303

Ion	Ratio	Lower	Upper
88	100		
43	32.0	21.8	32.6
58	62.6	39.3	58.9#

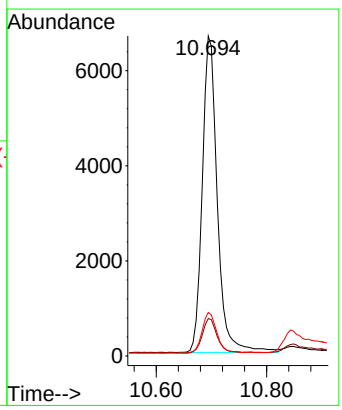


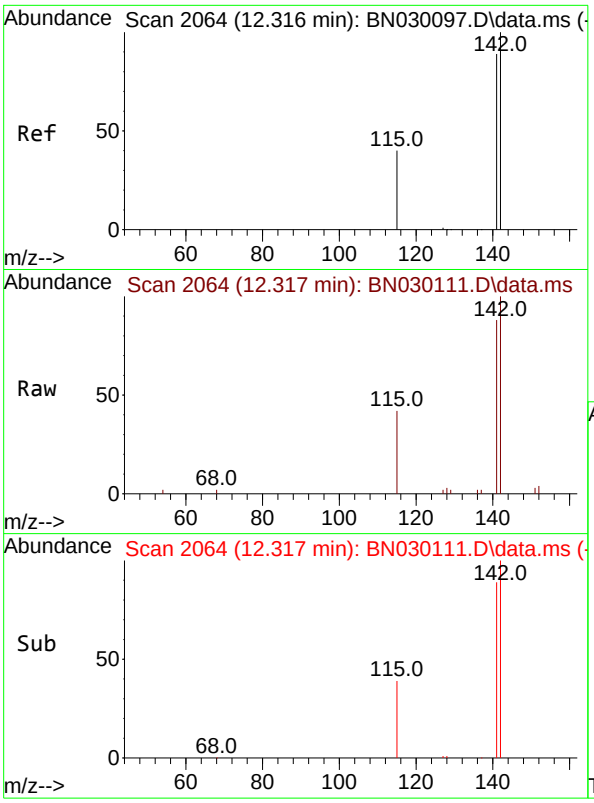


#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:128 Resp: 12564

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	11.0	16.6





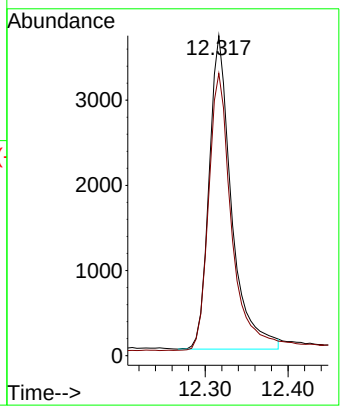
#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.317 min Scan# 2

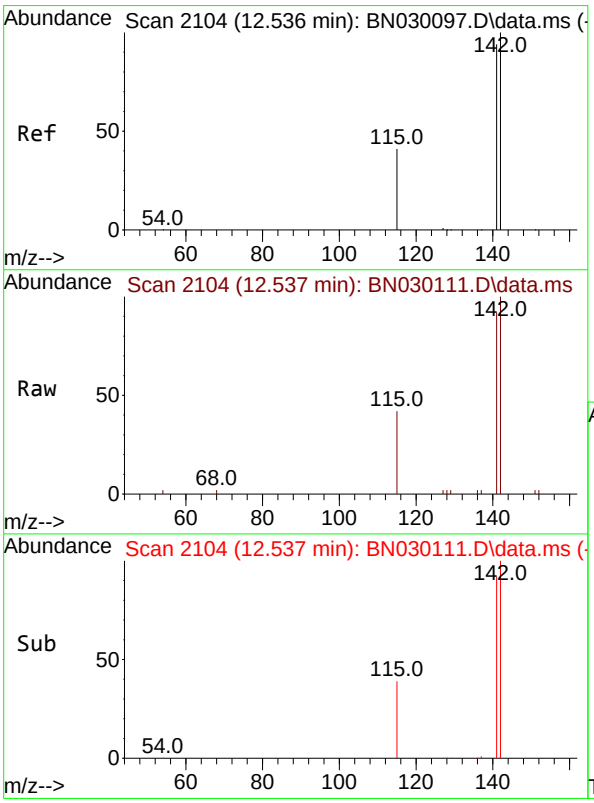
Instrument :
BNA_N
ClientSampleId :
SLCS257

Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:142 Resp: 6959

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.5	107.3

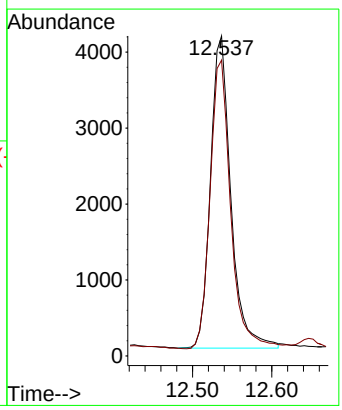


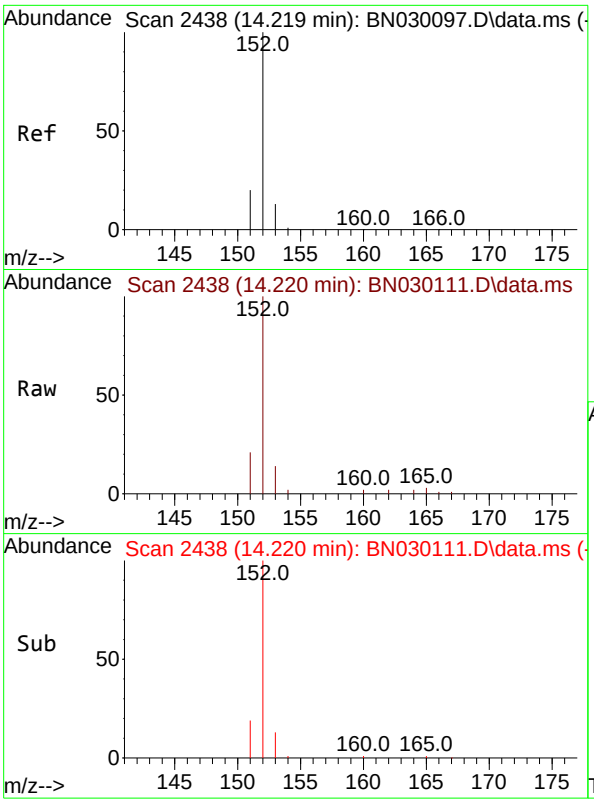


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.537 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:142 Resp: 7349

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9



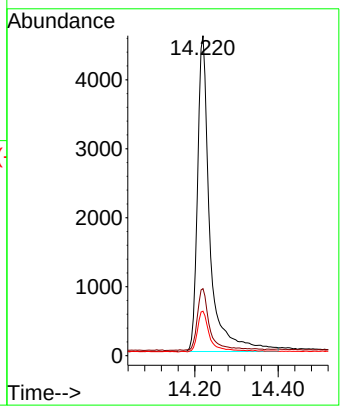


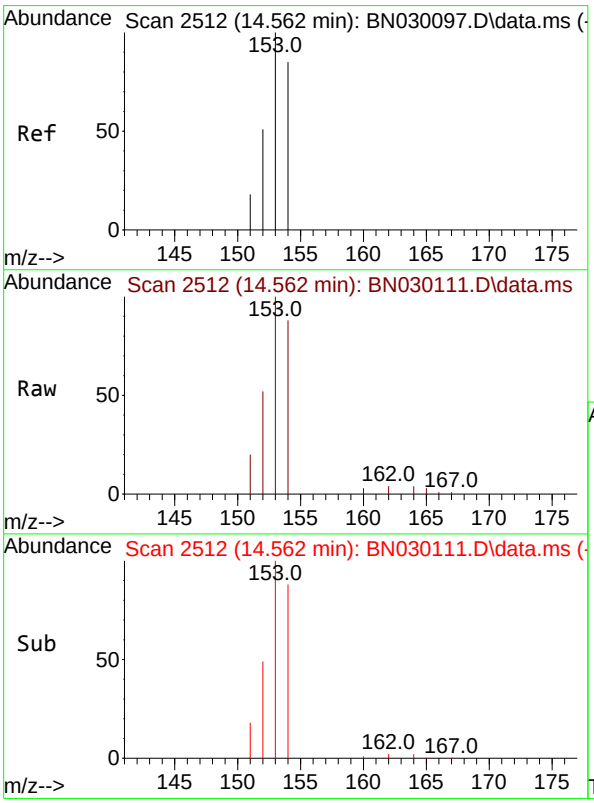
#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.220 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:152 Resp: 9487

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.8	23.8
153	13.9	10.9	16.3

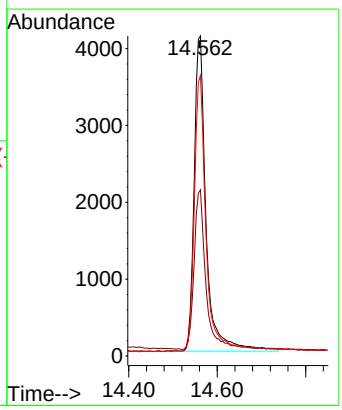


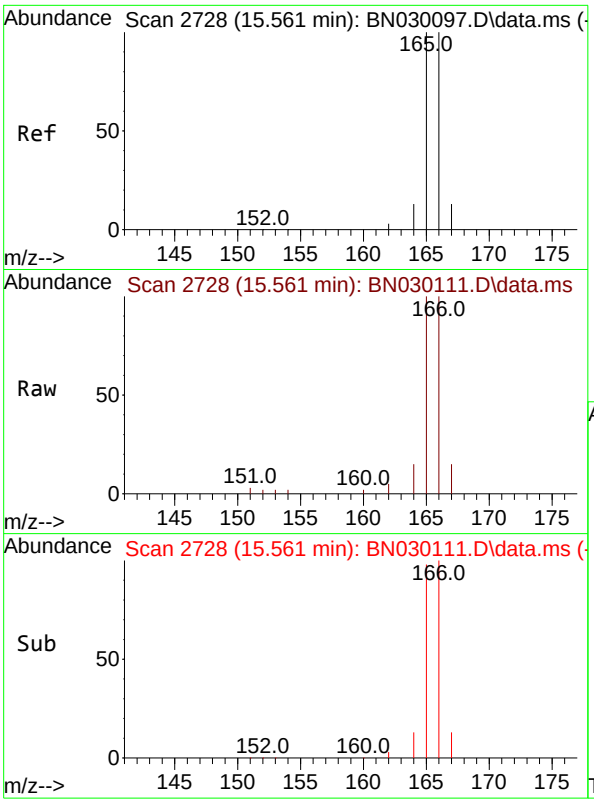


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:153 Resp: 7716

Ion	Ratio	Lower	Upper
153	100		
152	51.9	41.5	62.3
154	87.6	70.9	106.3



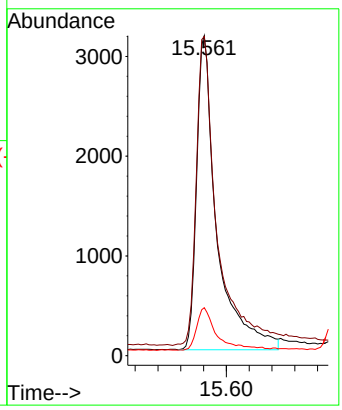


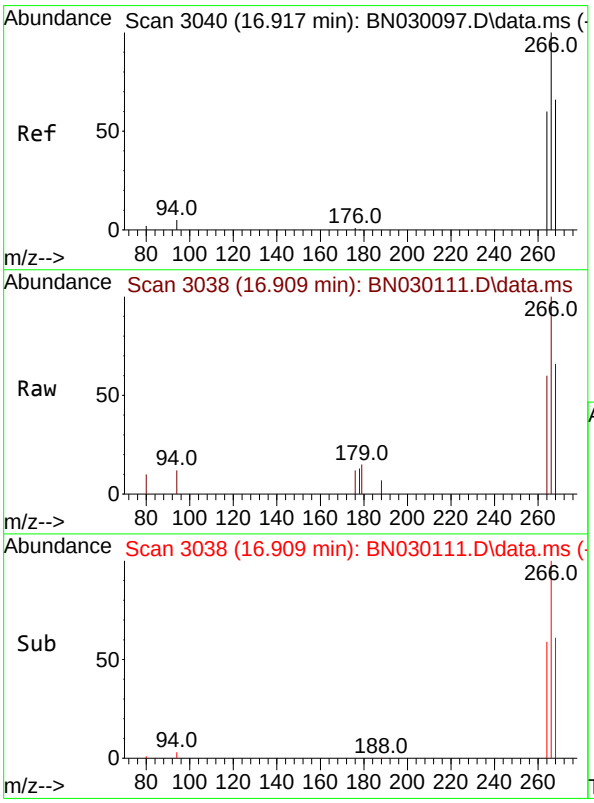
#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.561 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:166 Resp: 7779

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	117.8
167	15.0	11.5	17.3

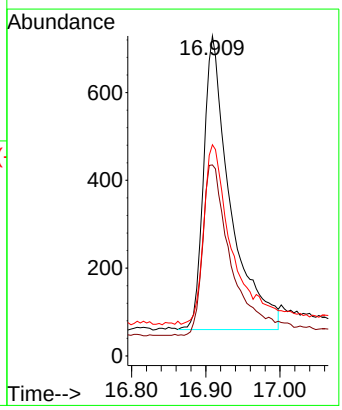


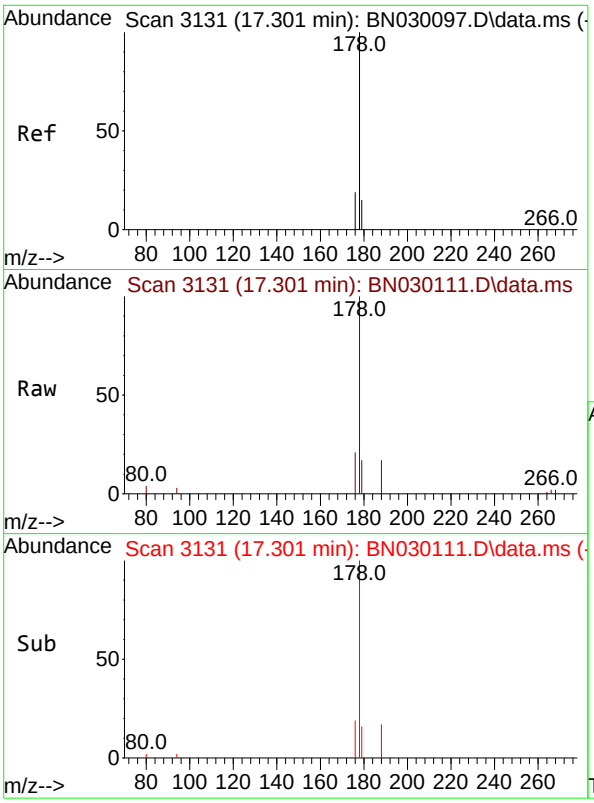


#14
Pentachlorophenol
Concen: 0.797 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. -0.008 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:266 Resp: 1674

Ion	Ratio	Lower	Upper
266	100		
264	61.2	0.0	0.0#
268	63.9	0.2	0.2#



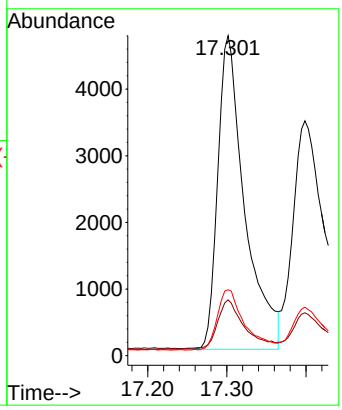


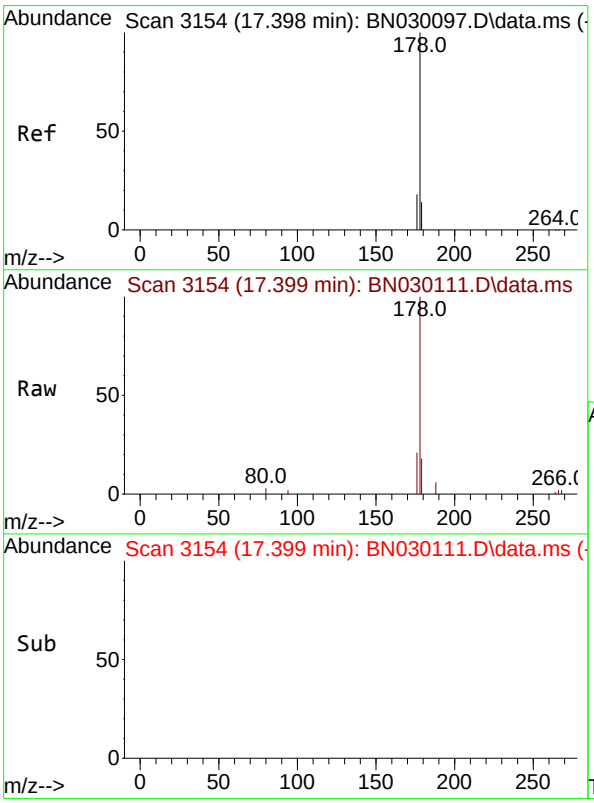
#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:178 Resp: 11117

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	18.8
176	20.6	15.7	23.5

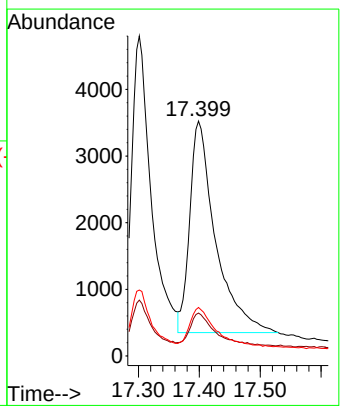


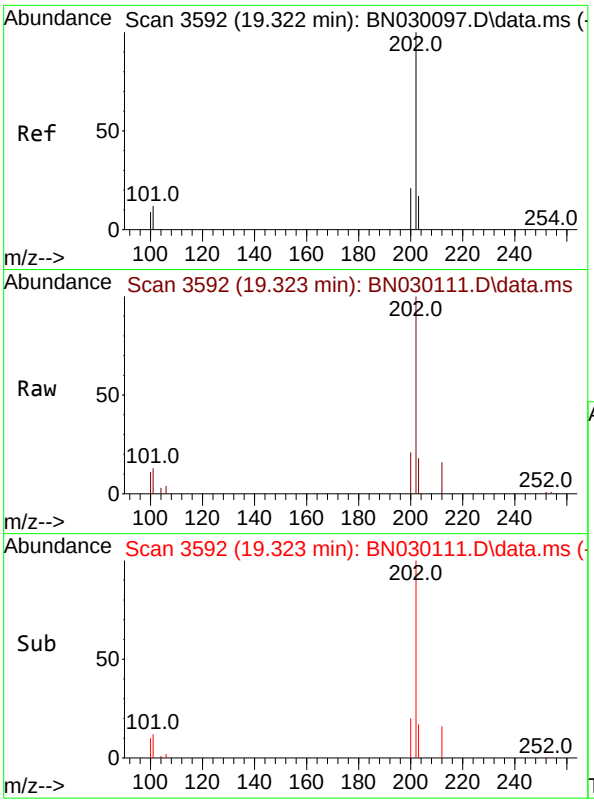


#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.399 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:178 Resp: 9334

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.9	19.3
176	20.6	15.8	23.8



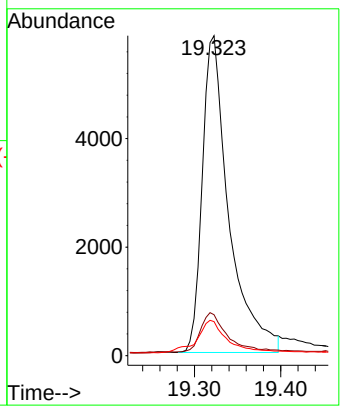


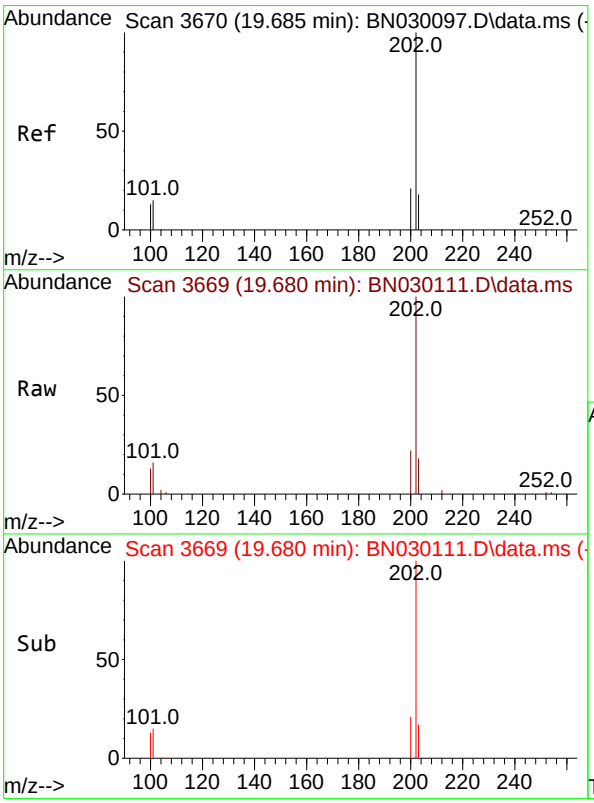
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:202 Resp: 12547

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.4	15.6
100	10.6	8.5	12.7

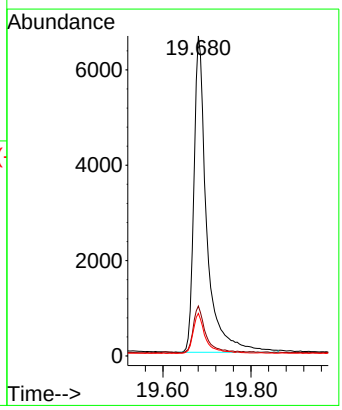


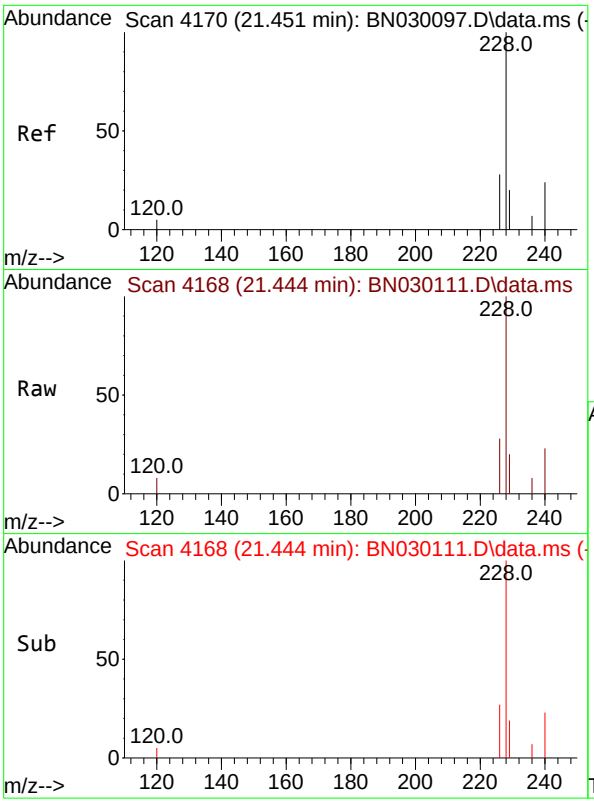


#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:202 Resp: 13440

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.5	18.7
100	13.3	10.0	15.0



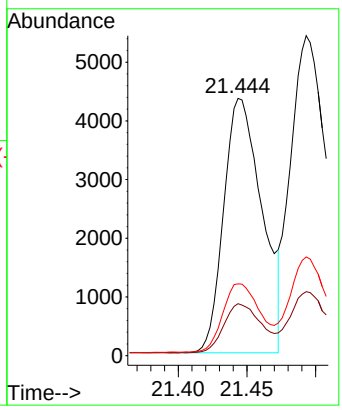


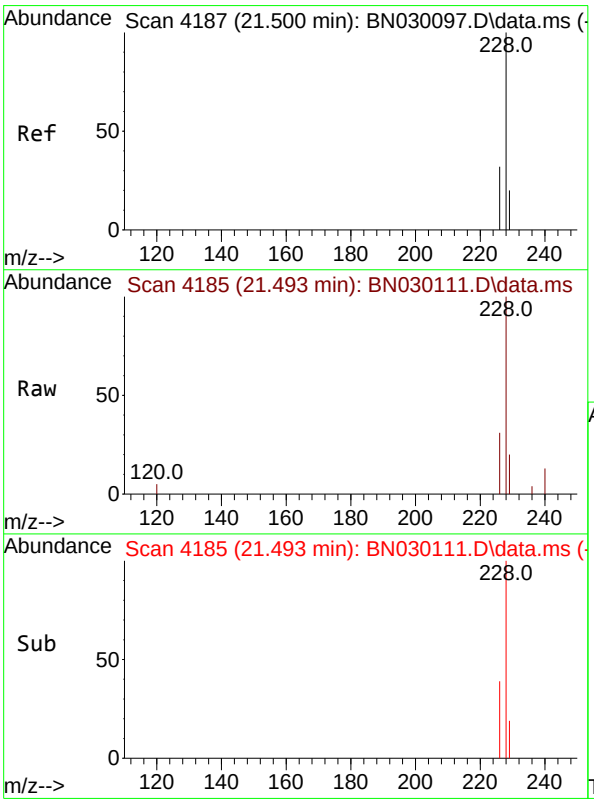
#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.444 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:228 Resp: 8444

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.9	22.2	33.4

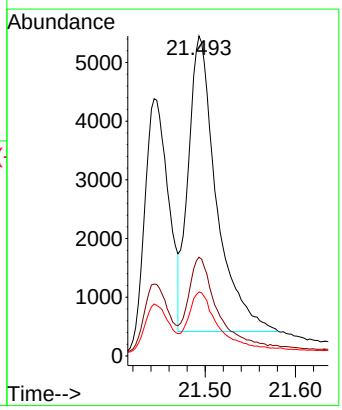


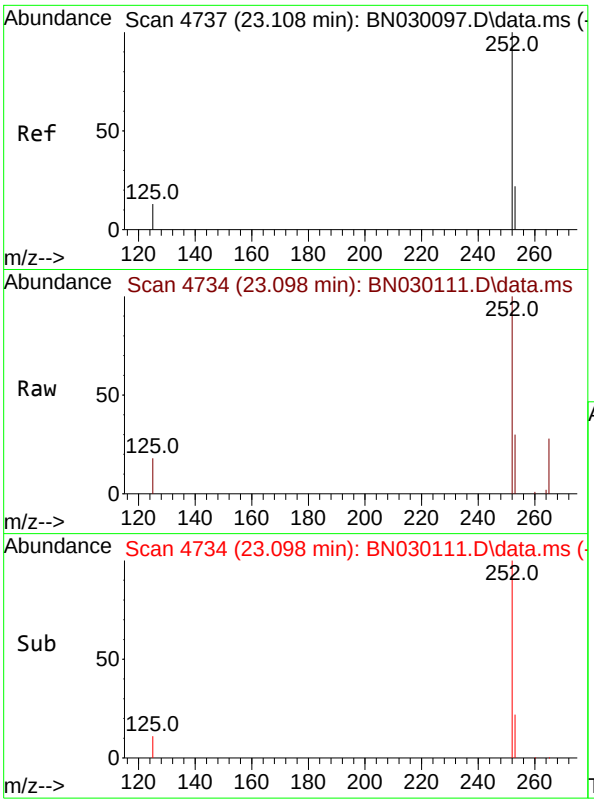


#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.493 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:228 Resp: 10882

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	20.0	15.7	23.5



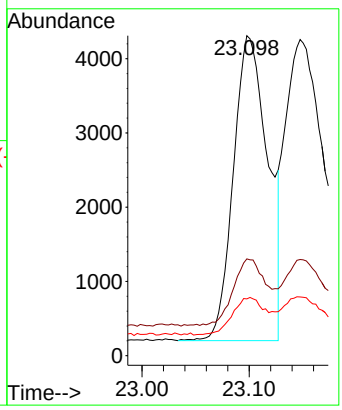


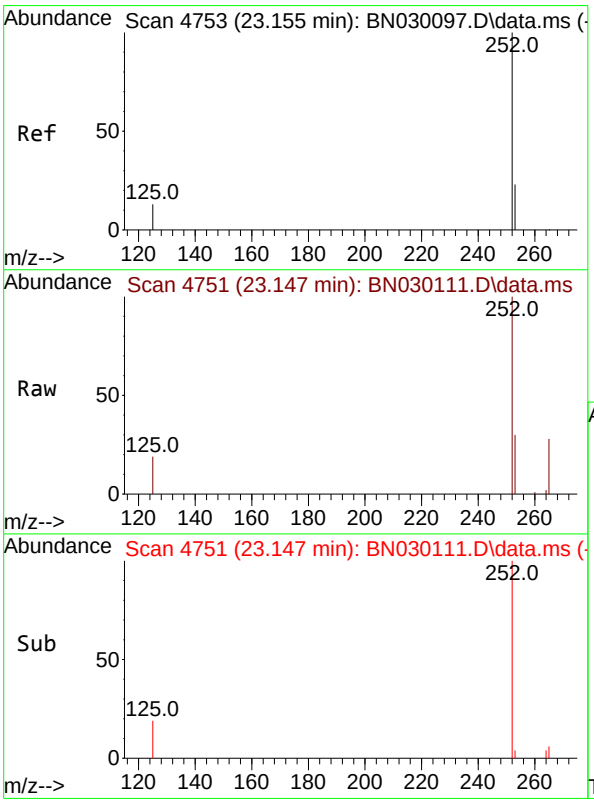
#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 23.098 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:252 Resp: 9185

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	56.8
125	17.7	0.0	32.4

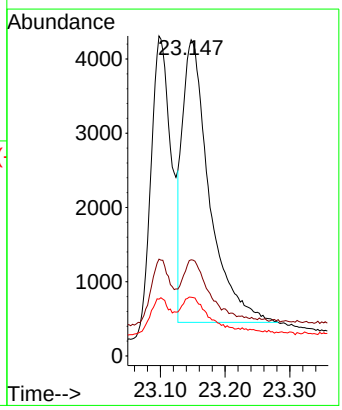


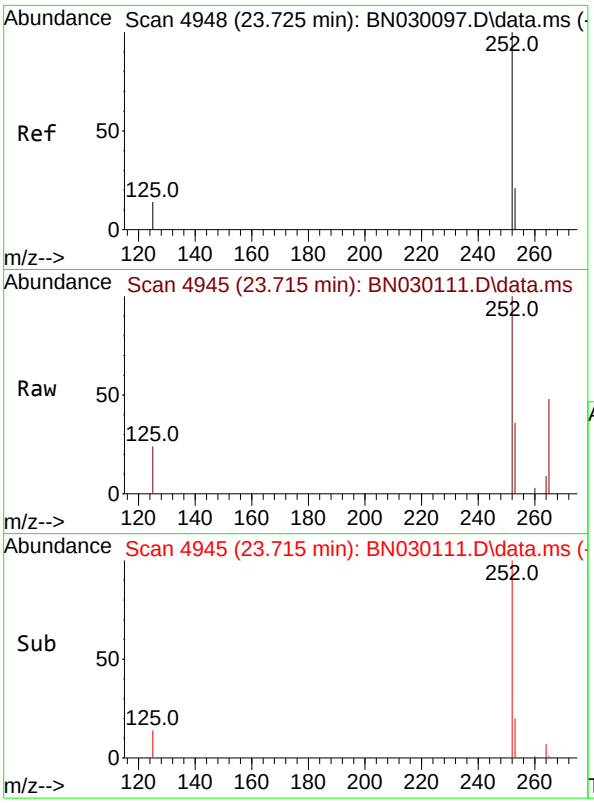


#25
Benzo(k)fluoranthene
Concen: 0.485 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. -0.007 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:252 Resp: 11047

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.6	33.8
125	18.6	15.3	22.9



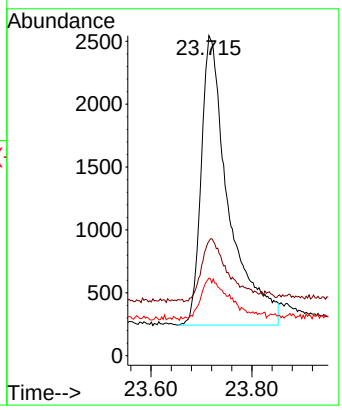


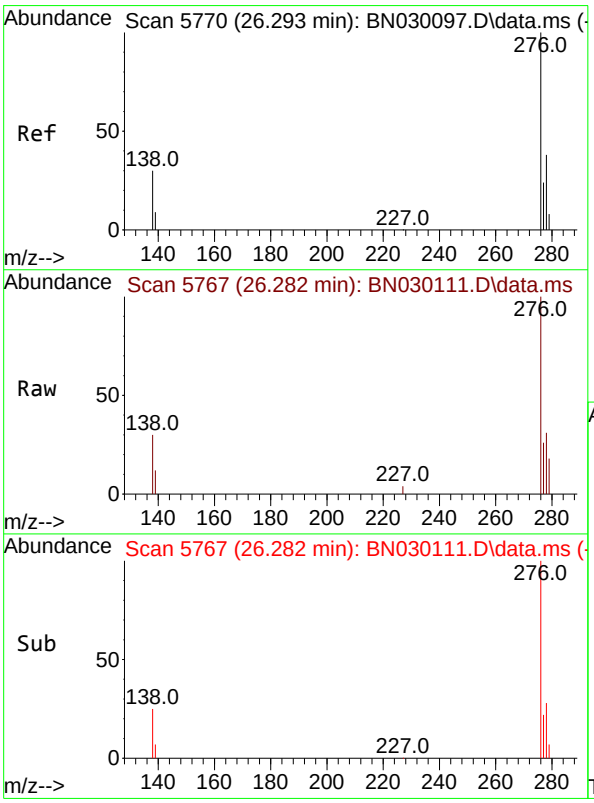
#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.715 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:252 Resp: 8681

Ion	Ratio	Lower	Upper
252	100		
253	35.8	25.4	38.0
125	24.2	16.0	24.0#

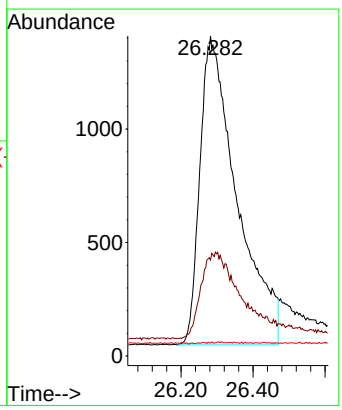


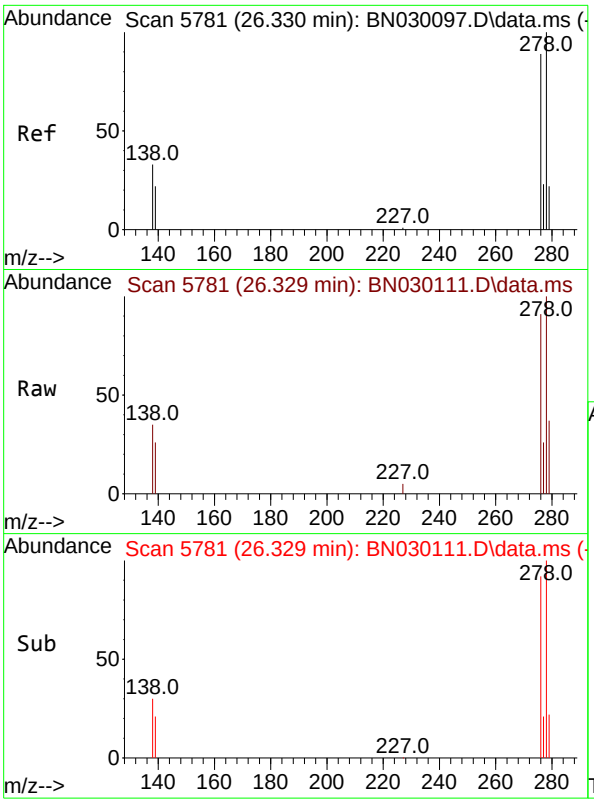


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.282 min Scan# 5767
Delta R.T. -0.011 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:276 Resp: 9703

Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.0	0.0#
227	0.0	0.0	0.0#



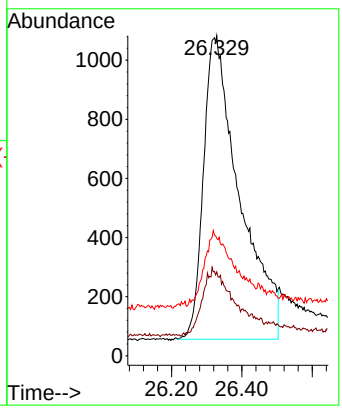


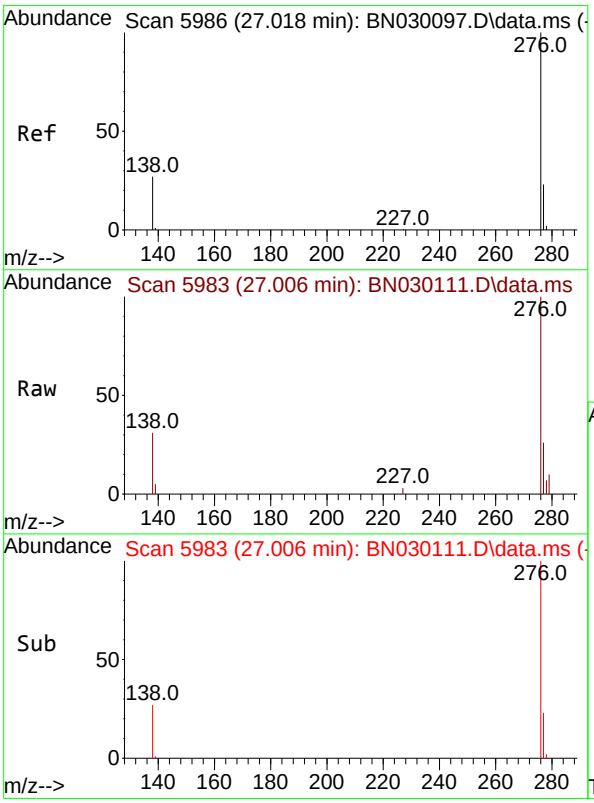
#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Instrument :
BNA_N
ClientSampleId :
SLCS257

Tgt Ion:278 Resp: 7343

Ion	Ratio	Lower	Upper
278	100		
139	26.2	19.0	28.4
279	36.7	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.006 min Scan# 5983
Delta R.T. -0.011 min
Lab File: BN030111.D
Acq: 28 Feb 2024 02:46

Tgt Ion:276 Resp: 9281

Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	37.0
277	25.9	19.7	29.5