Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
Data File : BN022925.D
Acq On : 28 Nov 2022 18:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 29 01:13:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 28 03:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	7172	0.400	ng/ul	0.00
4) Naphthalene-d8	10.886	136	20707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.709	164	11692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.452	188	25639	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	20624	0.400	ng/ul	0.00
23) Perylene-d12	24.121	264	16590	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	3559	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.469	152	13704	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.474	212	28922	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	3628	0.404	ng/ul	98
5) Naphthalene	10.935	128	26155	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.541	142	16725	0.426	ng/ul	99
8) 1-Methylnaphthalene	12.761	142	17074	0.427	ng/ul	100
10) Acenaphthylene	14.427	152	22977	0.399	ng/ul	99
11) Acenaphthene	14.769	153	18744	0.411	ng/ul	98
12) Fluorene	15.754	166	21261	0.411	ng/ul	99
14) Pentachlorophenol	17.093	266	2240	0.418	ng/ul#	100
15) Phenanthrene	17.490	178	35888	0.408	ng/ul	99
16) Anthracene	17.583	178	30734	0.407	ng/ul	100
19) Fluoranthene	19.507	202	39077	0.367	ng/ul	99
20) Pyrene	19.865	202	39088	0.374	ng/ul	99
21) Benzo(a)anthracene	21.619	228	32362	0.410	ng/ul	100
22) Chrysene	21.671	228	35040	0.405	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	32954	0.392	ng/ul	99
25) Benzo(k)fluoranthene	23.408	252	34319	0.386	ng/ul	99
26) Benzo(a)pyrene	24.010	252	25264	0.395	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.731	276	32243	0.424	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.758	278	26507	0.438	ng/ul	98
29) Benzo(g,h,i)perylene	27.530	276	26618	0.401	ng/ul	99

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

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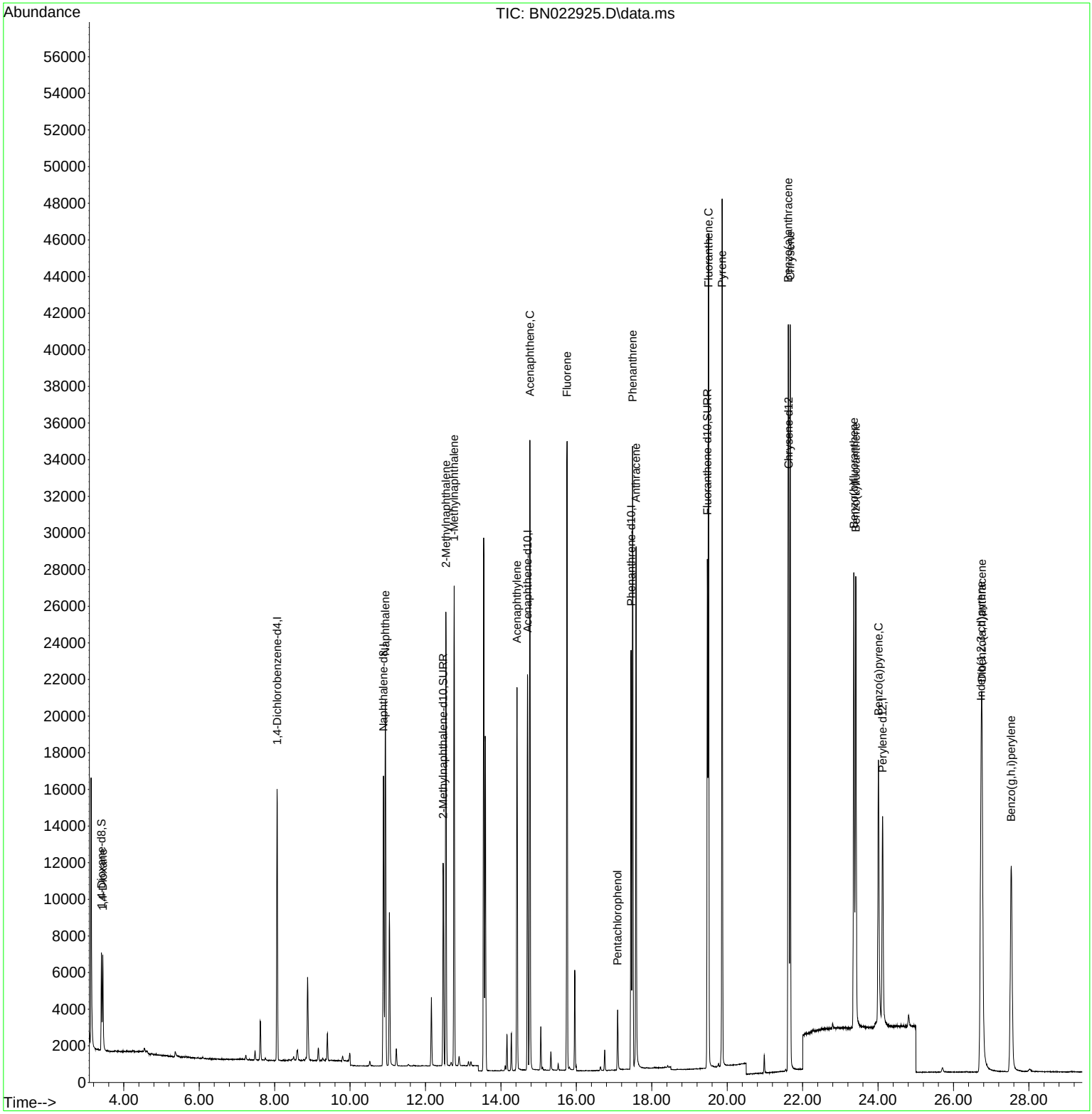
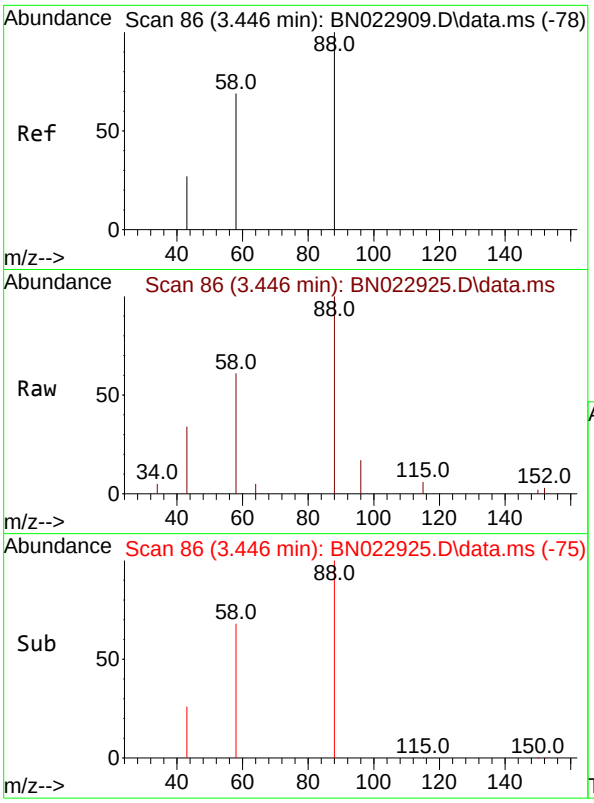


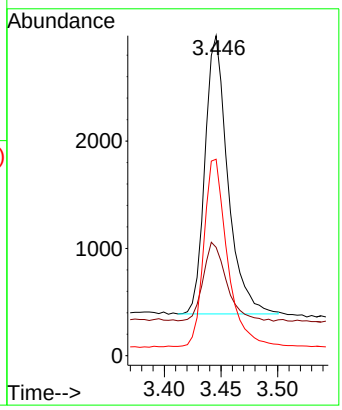


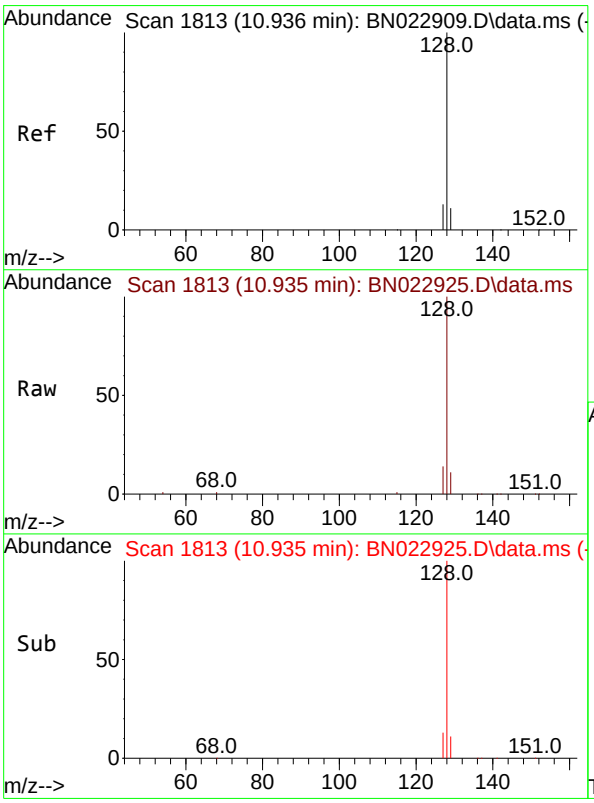
#2
1,4-Dioxane
Concen: 0.404 ng/ul
RT: 3.446 min Scan# 8
Delta R.T. -0.004 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 3628

Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.2	39.4
58	61.4	47.6	71.4

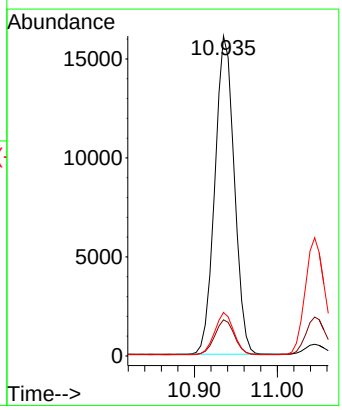


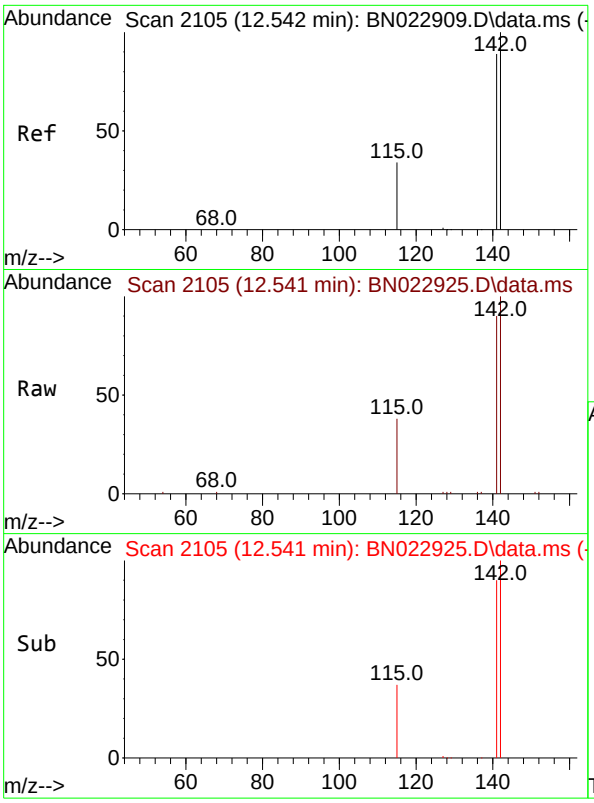


#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.935 min Scan# 1813
Delta R.T. -0.007 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:128 Resp: 26155

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	10.6	16.0



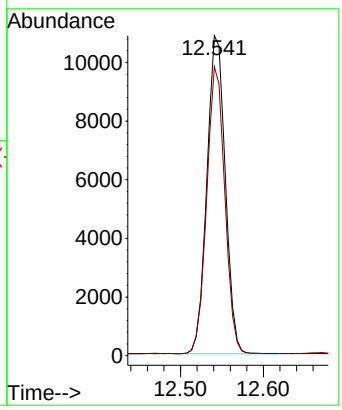


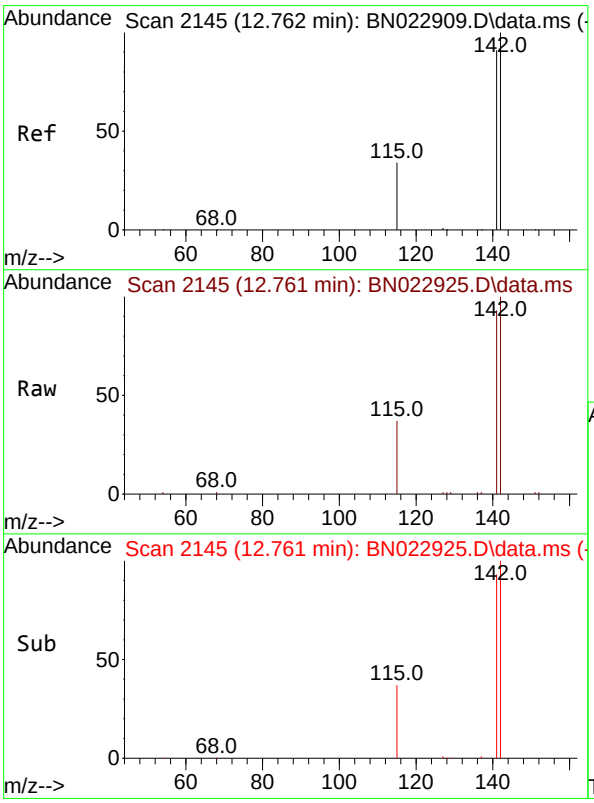
#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.541 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 16725

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4

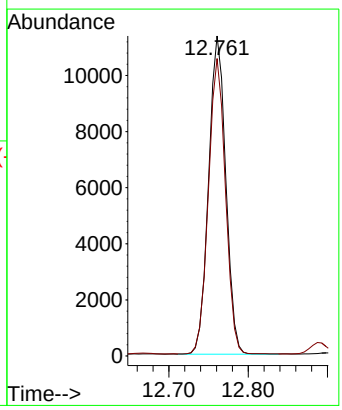


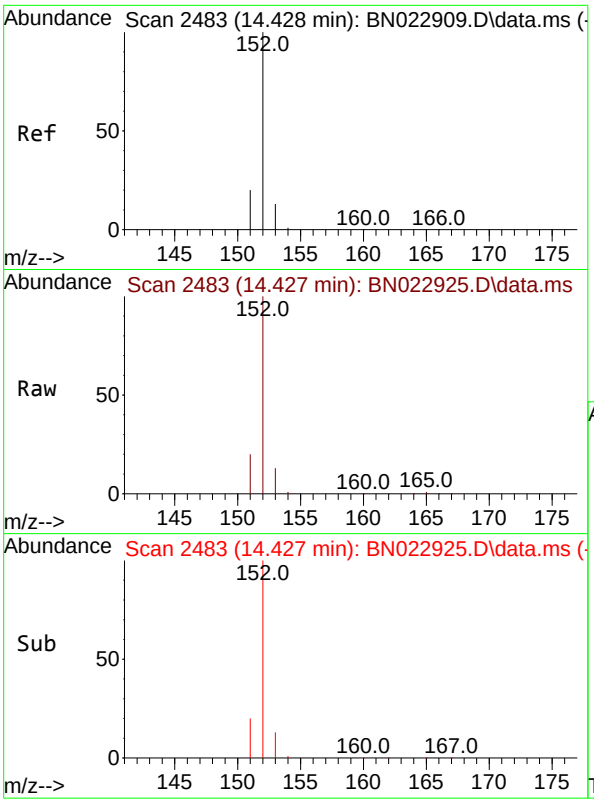


#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.761 min Scan# 2145
Delta R.T. -0.007 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:142 Resp: 17074

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6



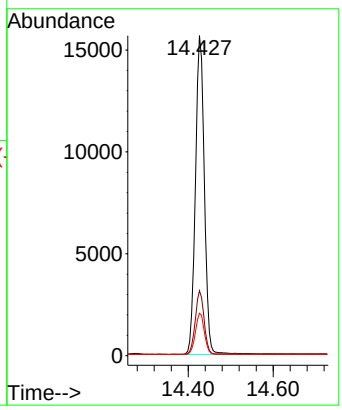


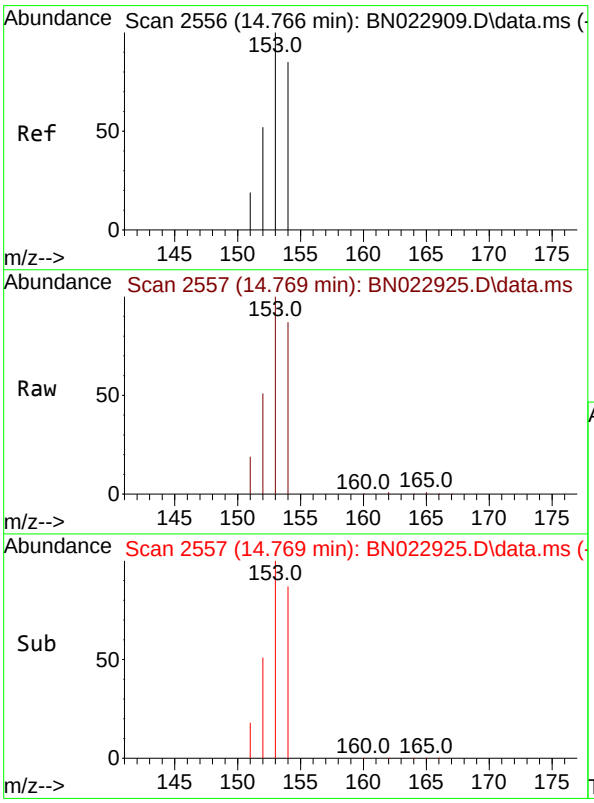
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.427 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 22977

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.5	15.7

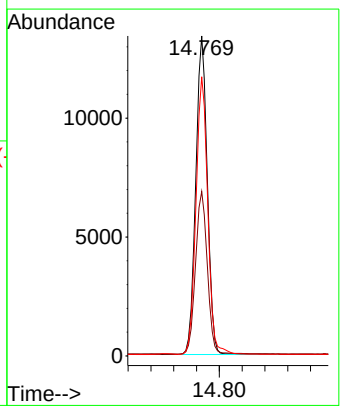


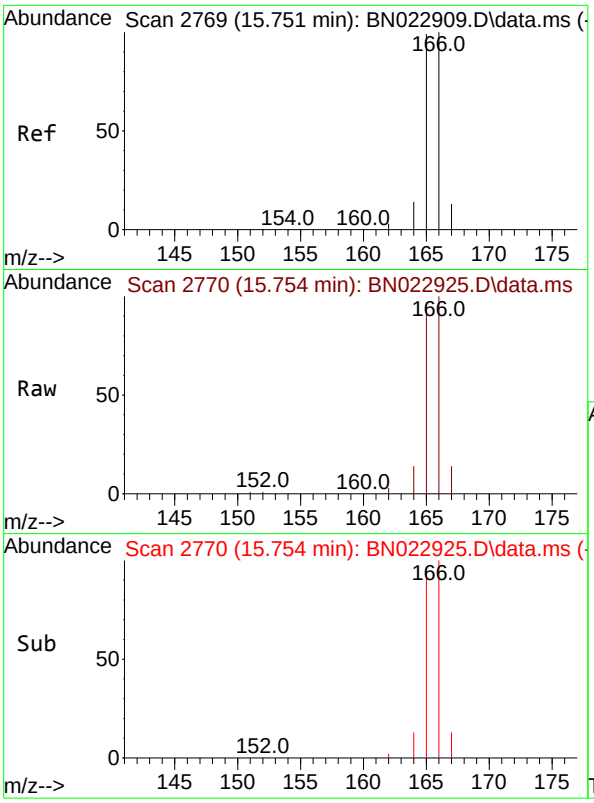


#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.769 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:153 Resp: 18744

Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.8	62.8
154	87.2	71.3	106.9



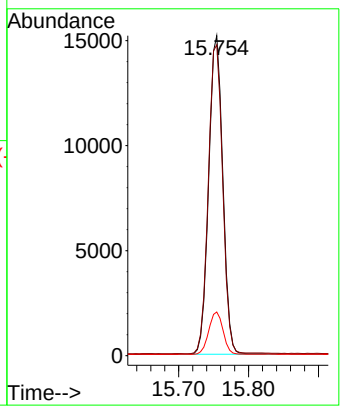


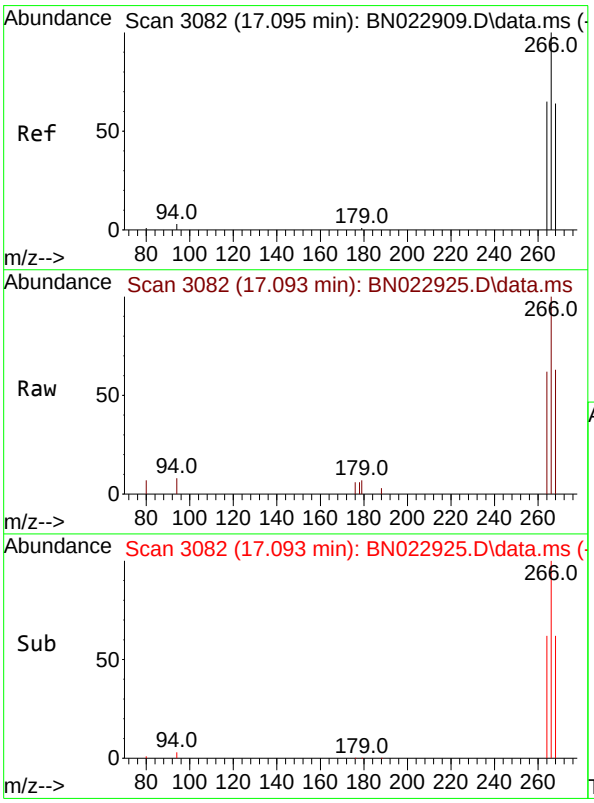
#12
Fluorene
Concen: 0.411 ng/ul
RT: 15.754 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 21261

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.7	118.1
167	13.7	10.8	16.2

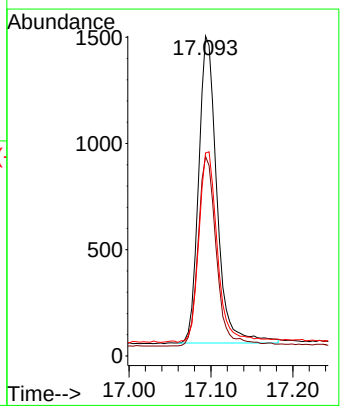


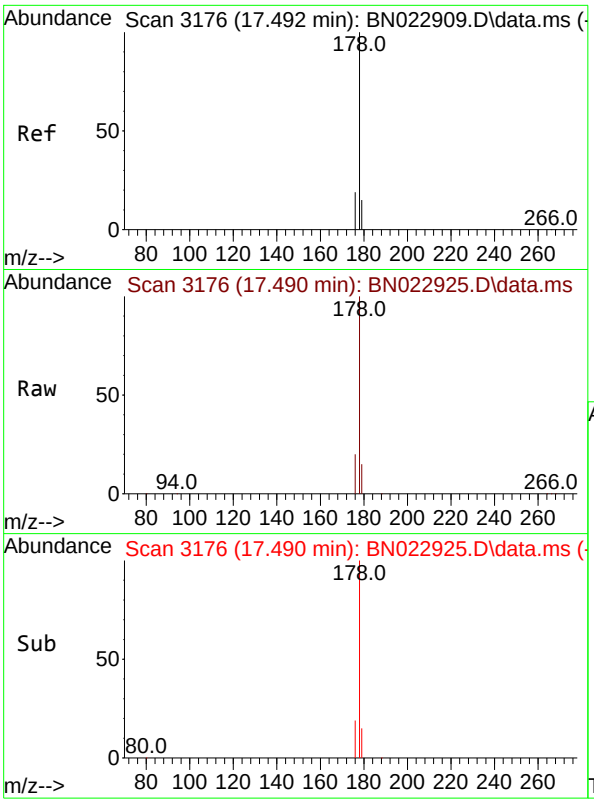


#14
Pentachlorophenol
Concen: 0.418 ng/ul
RT: 17.093 min Scan# 3082
Delta R.T. -0.005 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:266 Resp: 2240

Ion	Ratio	Lower	Upper
266	100		
264	62.1	0.0	0.0#
268	63.6	0.0	0.0#



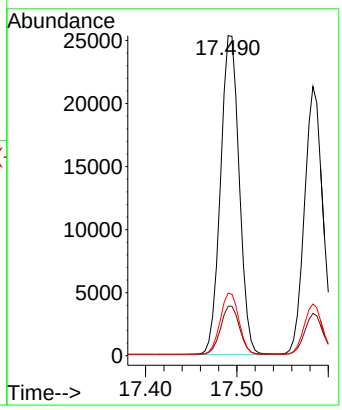


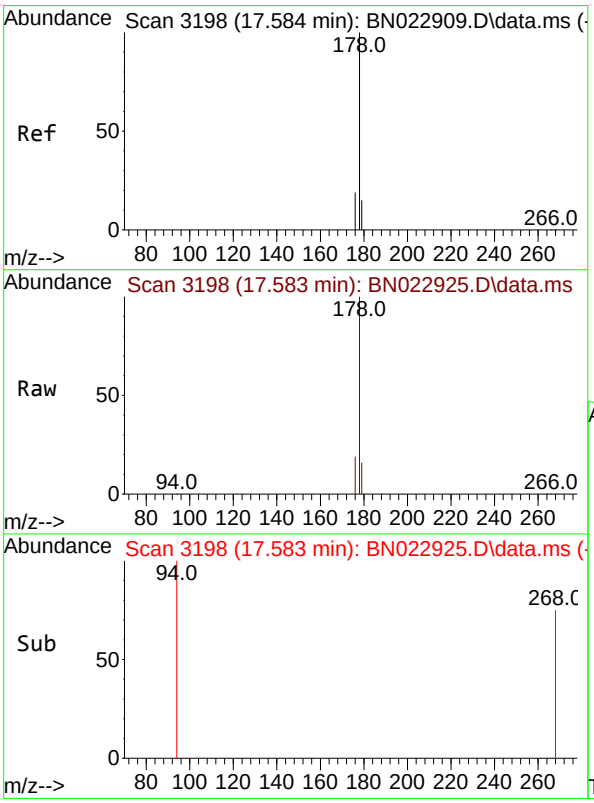
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.490 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 35888

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.6	15.9	23.9

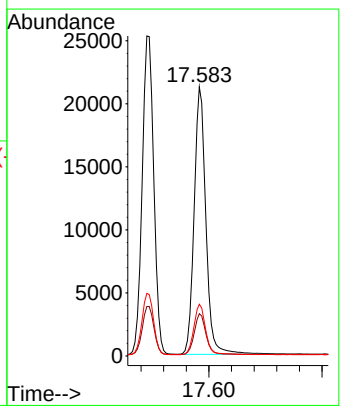


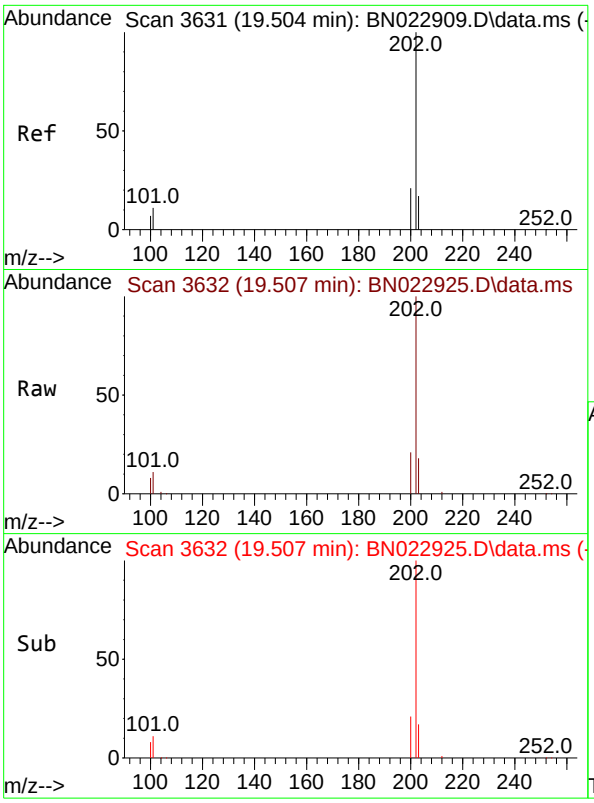


#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.583 min Scan# 3198
Delta R.T. -0.005 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:178 Resp: 30734

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.2	15.3	22.9



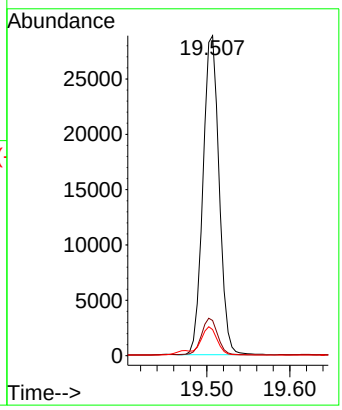


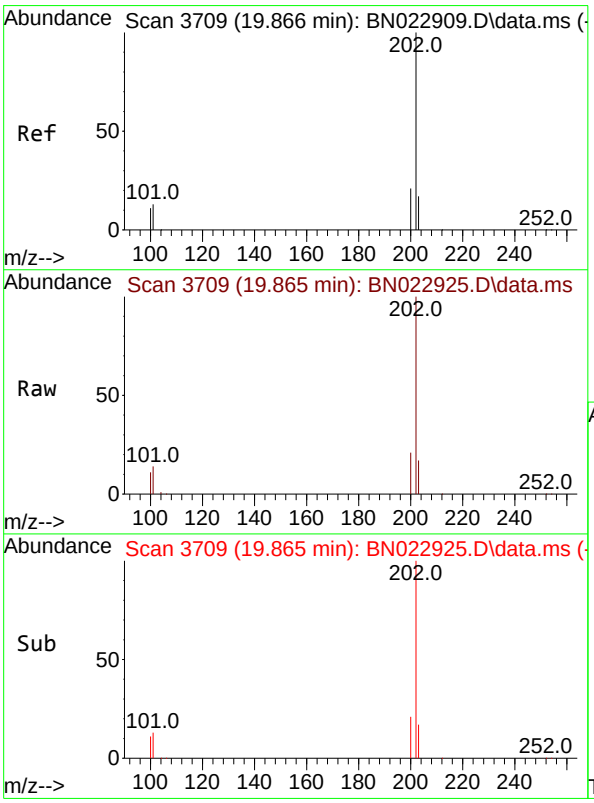
#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.507 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 39077

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	8.2	6.9	10.3

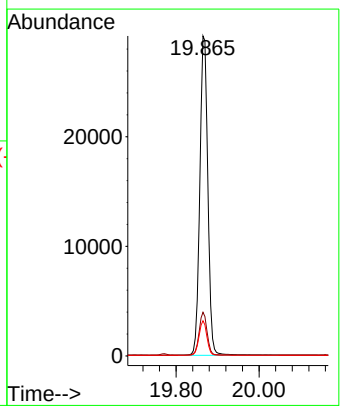


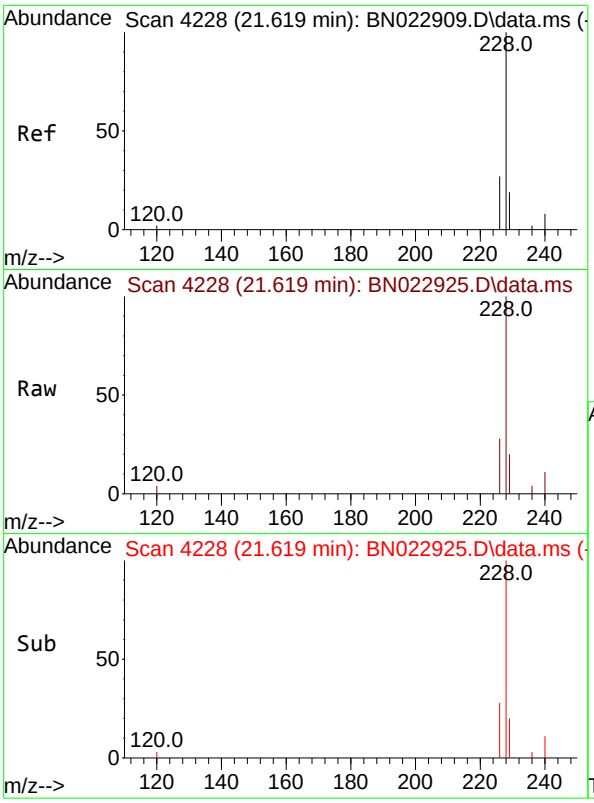


#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.865 min Scan# 3709
Delta R.T. -0.006 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:202 Resp: 39088

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
100	11.0	8.2	12.4



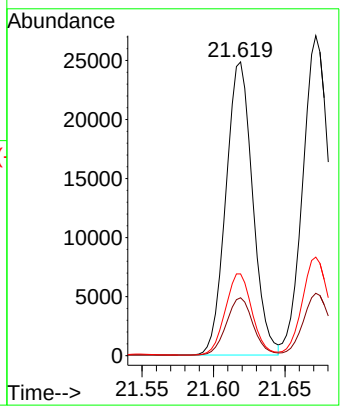


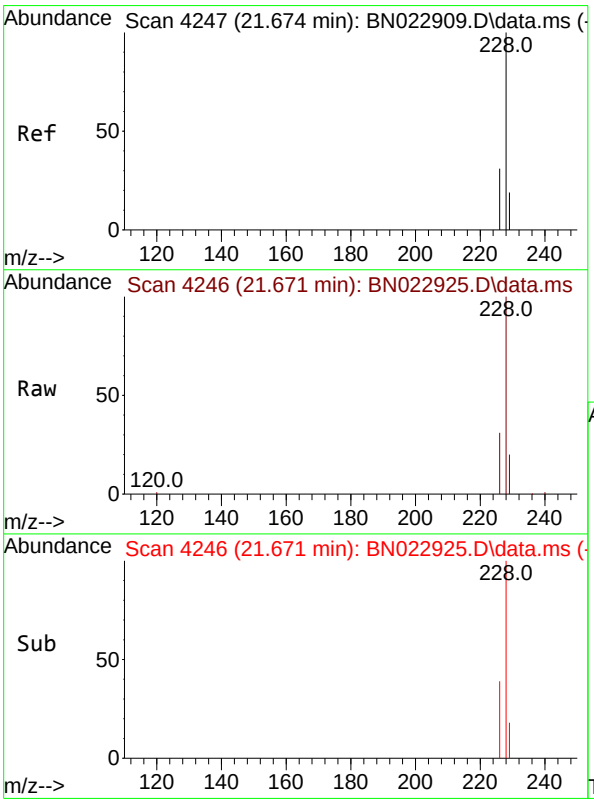
#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.619 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 32362

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	27.8	22.2	33.4

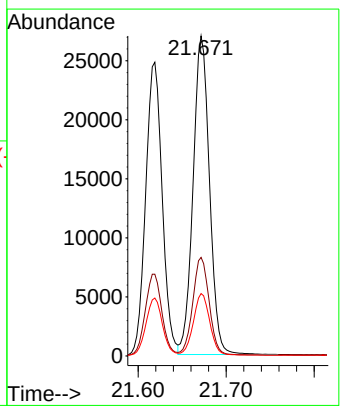


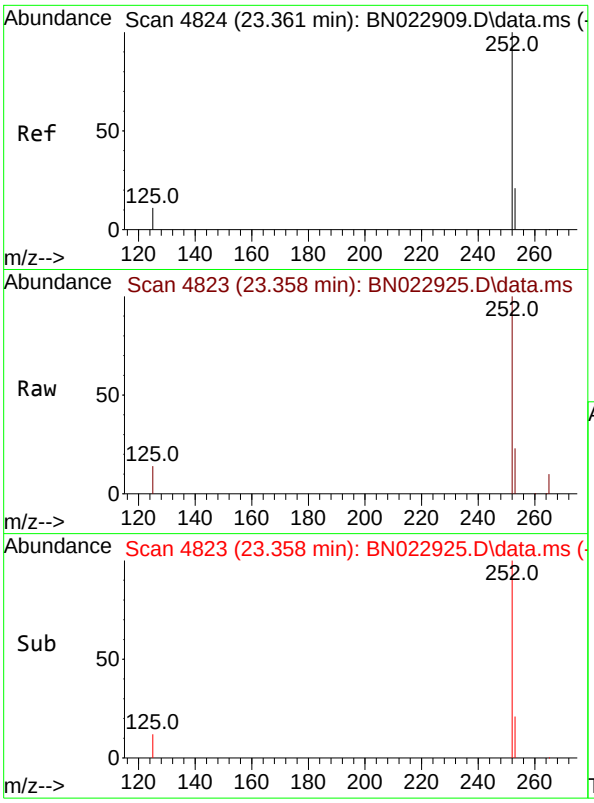


#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:228 Resp: 35040

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.5	15.8	23.8



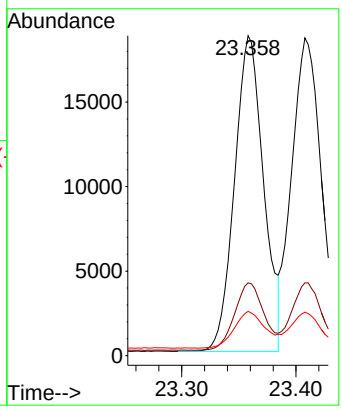


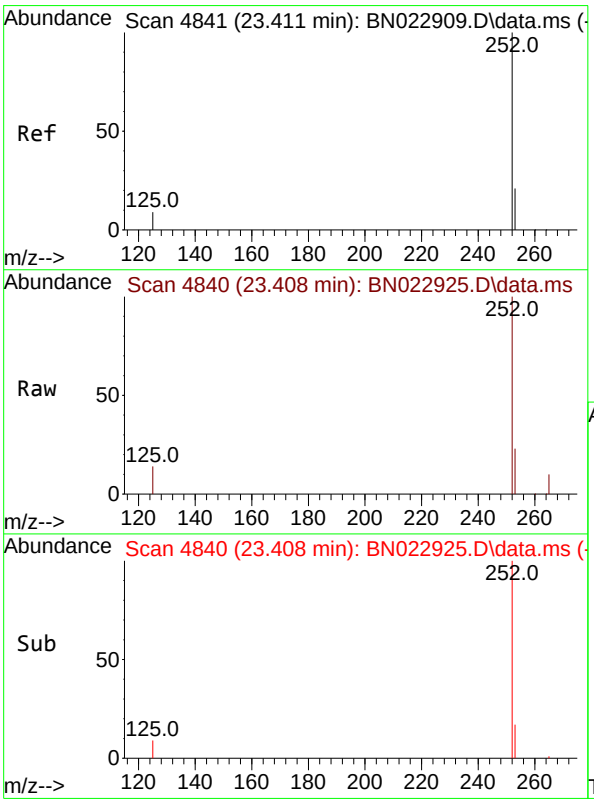
#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.358 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32954

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	46.0
125	13.9	0.0	28.6

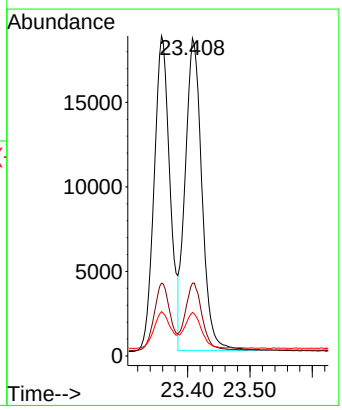


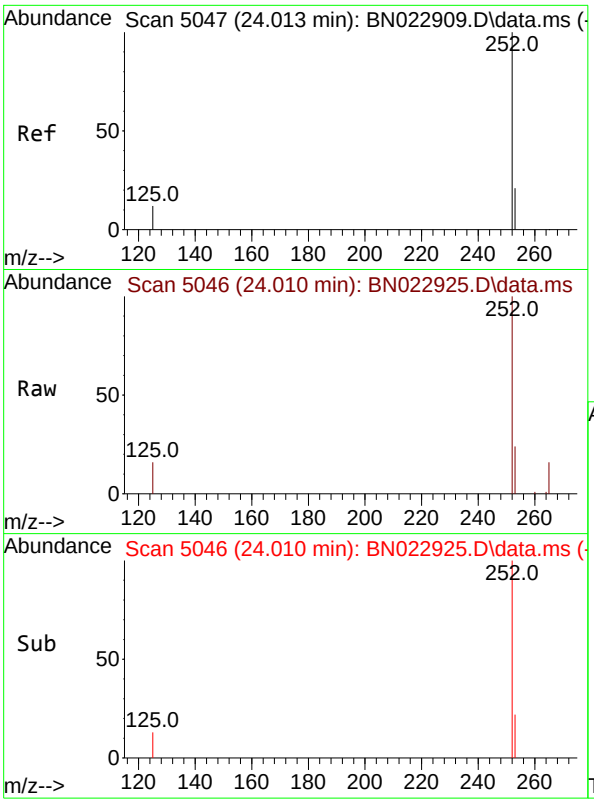


#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:252 Resp: 34319

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	13.7	11.3	16.9



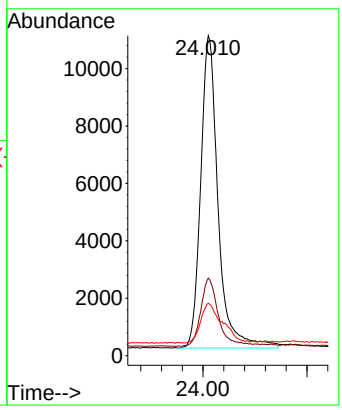


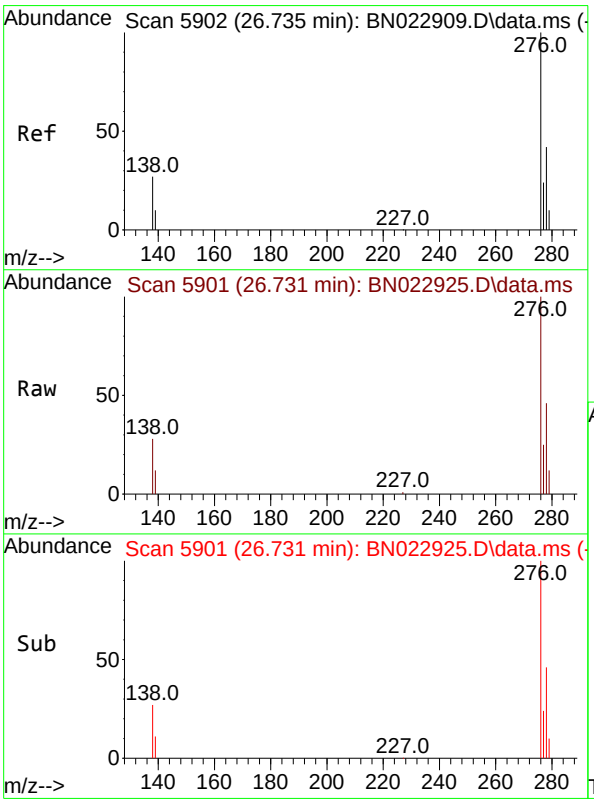
#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 24.010 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25264

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.7	29.5
125	16.3	13.7	20.5

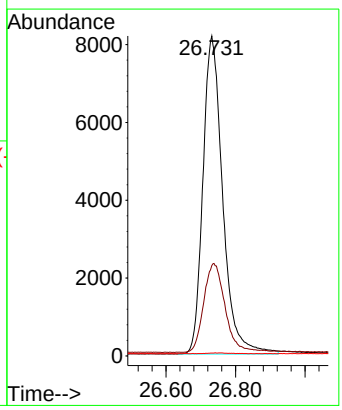


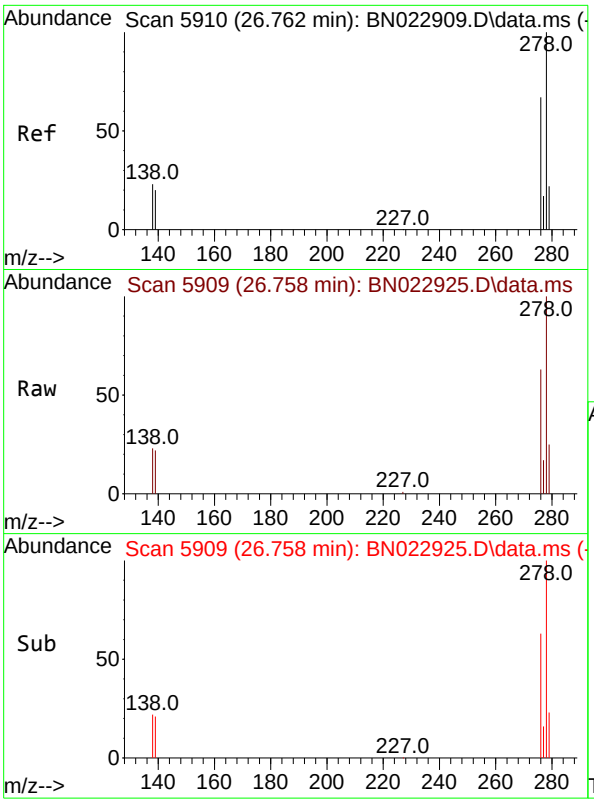


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.731 min Scan# 5901
Delta R.T. -0.010 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:276 Resp: 32243

Ion	Ratio	Lower	Upper
276	100		
138	30.4	0.0	0.0#
227	0.1	0.0	0.0#



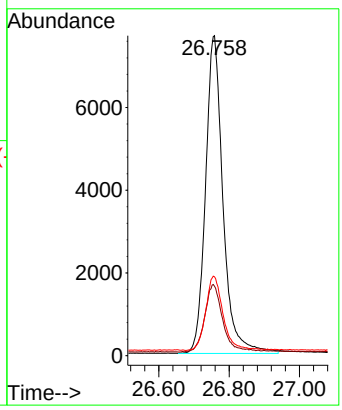


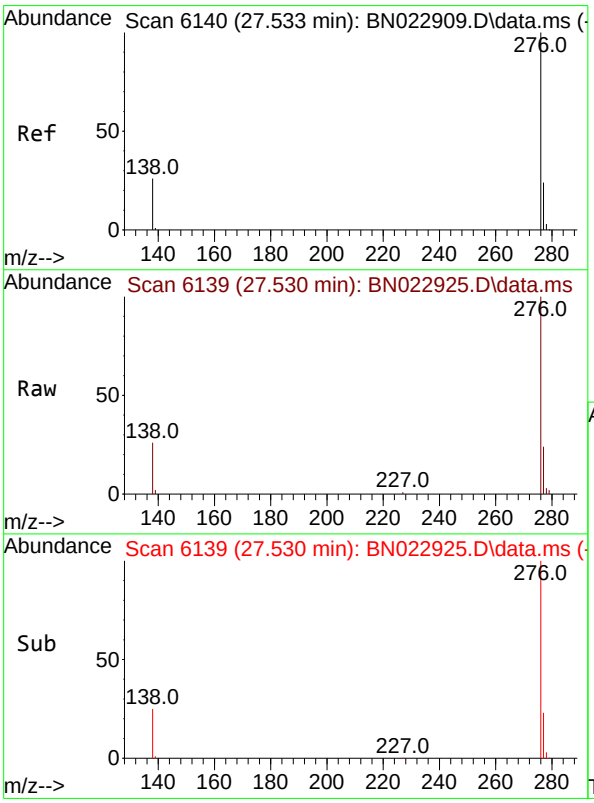
#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.758 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 26507

Ion	Ratio	Lower	Upper
278	100		
139	21.7	18.3	27.5
279	24.6	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.530 min Scan# 6139
Delta R.T. -0.010 min
Lab File: BN022925.D
Acq: 28 Nov 2022 18:43

Tgt Ion:276 Resp: 26618

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.1	33.1
277	24.1	19.4	29.2