Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023352.D
Acq On : 22 Dec 2022 23:03
Operator : CG/JU
Sample : N6003-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Quant Time: Dec 22 23:55:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24209	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.645	164	14979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33781	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.581	240	34356	0.400	ng/ul	# 0.00
23) Perylene-d12	24.033	264	18933	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	37380	4.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	12703	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	31684	0.255	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	314	0.039	ng/ul#	1
5) Naphthalene	10.865	128	2898	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.476	142	1582	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.696	142	1171	0.025	ng/ul	96
10) Acenaphthylene	14.368	152	2283	0.034	ng/ul#	73
11) Acenaphthene	14.710	153	1425	0.025	ng/ul#	88
12) Fluorene	15.691	166	1601	0.025	ng/ul#	84
14) Pentachlorophenol	17.040	266	645	0.069	ng/ul	95
15) Phenanthrene	17.432	178	32891	0.299	ng/ul	97
16) Anthracene	17.525	178	5066	0.056	ng/ul#	86
19) Fluoranthene	19.448	202	100592	0.604	ng/ul#	82
20) Pyrene	19.815	202	77304	0.460	ng/ul	100
21) Benzo(a)anthracene	21.563	228	39816	0.298	ng/ul#	91
22) Chrysene	21.619	228	48098	0.354	ng/ul#	93
24) Benzo(b)fluoranthene	23.282	252	83279	0.850	ng/ul	82
26) Benzo(a)pyrene	23.925	252	33306	0.430	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.597	276	25616	0.283	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.607	278	6438	0.092	ng/ul#	32
29) Benzo(g,h,i)perylene	27.389	276	23556	0.319	ng/ul#	68

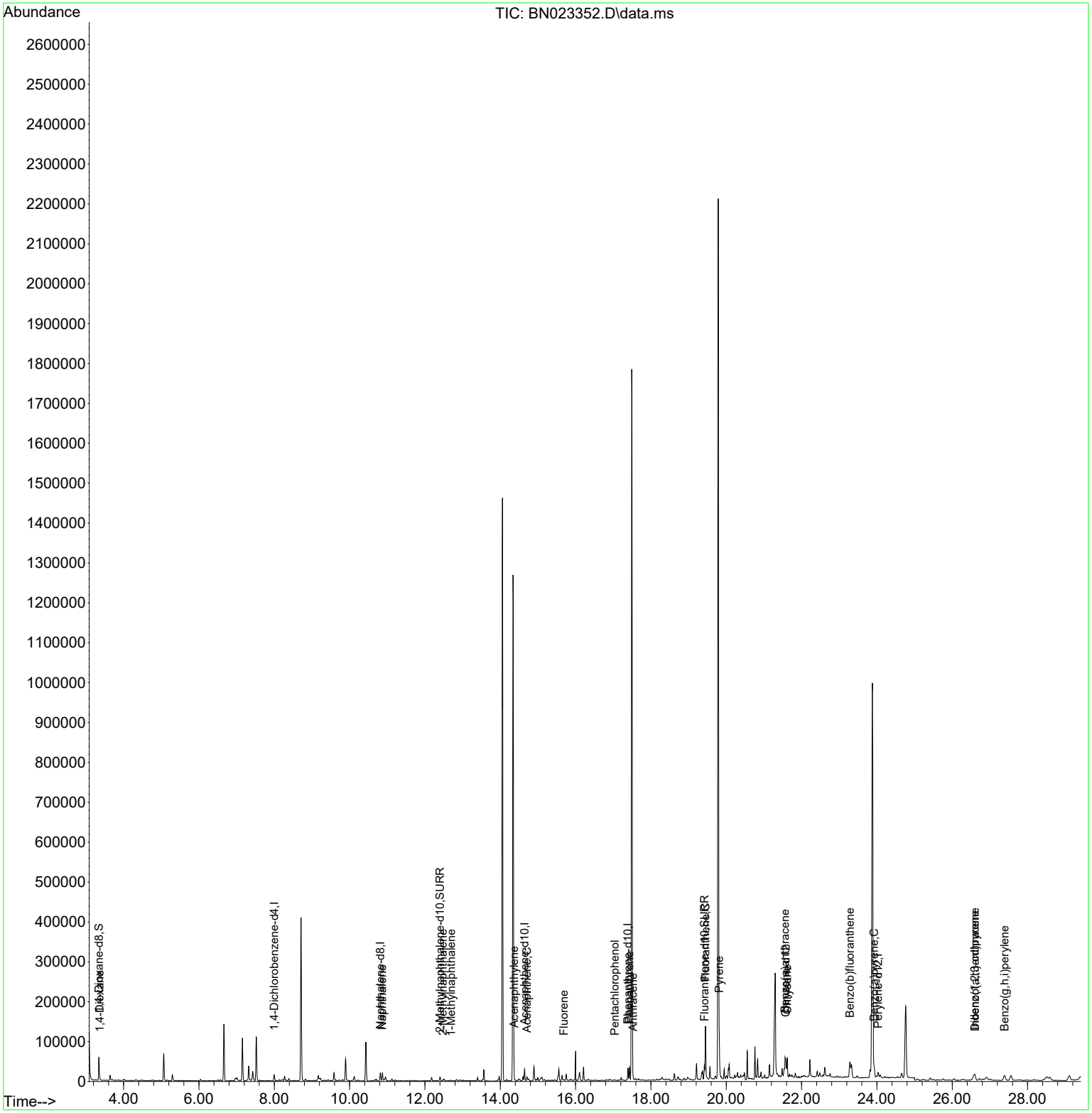
(#) = qualifier out of range (m) = manual integration (+) = signals summed

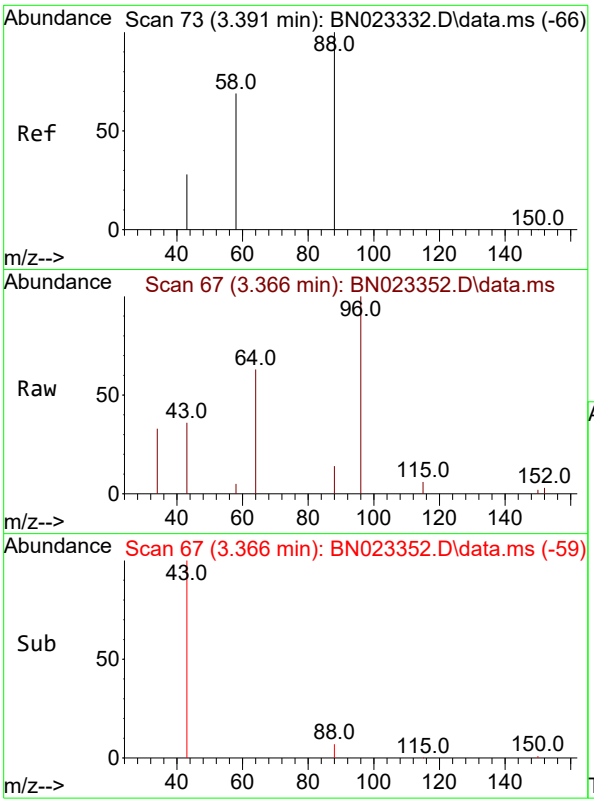
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023352.D
Acq On : 22 Dec 2022 23:03
Operator : CG/JU
Sample : N6003-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Quant Time: Dec 22 23:55:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



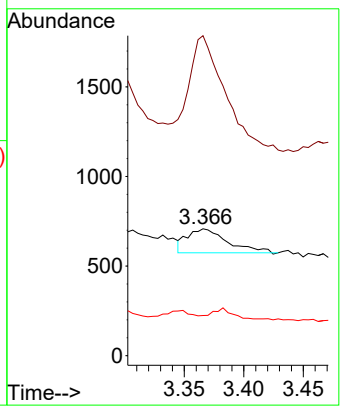


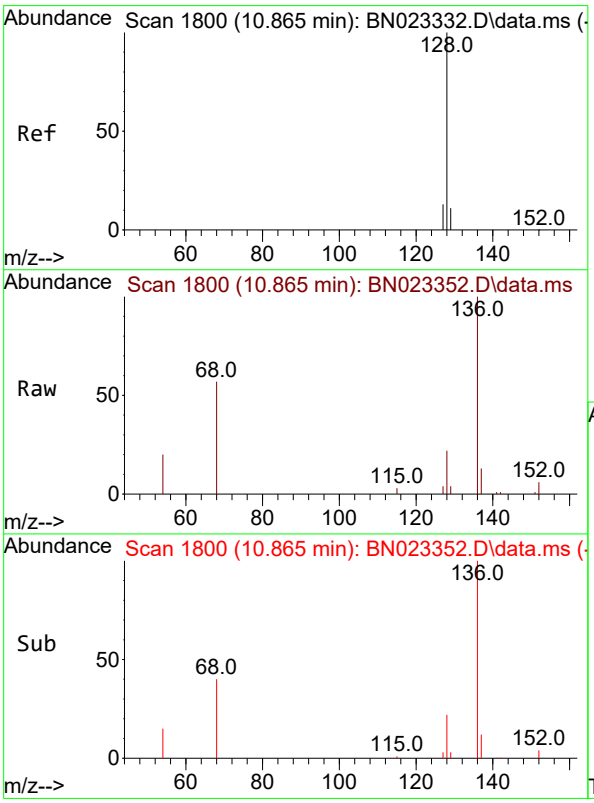
#2
1,4-Dioxane
Concen: 0.039 ng/ul
RT: 3.366 min Scan# 6
Delta R.T. -0.017 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion: 88 Resp: 314

Ion	Ratio	Lower	Upper
88	100		
43	252.3	28.4	42.6#
58	31.6	45.6	68.4#

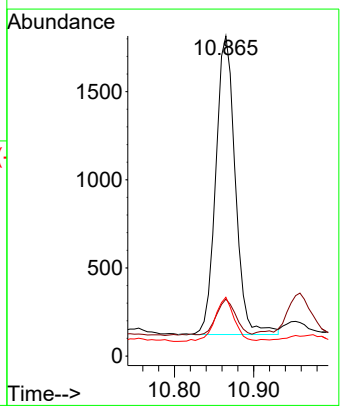


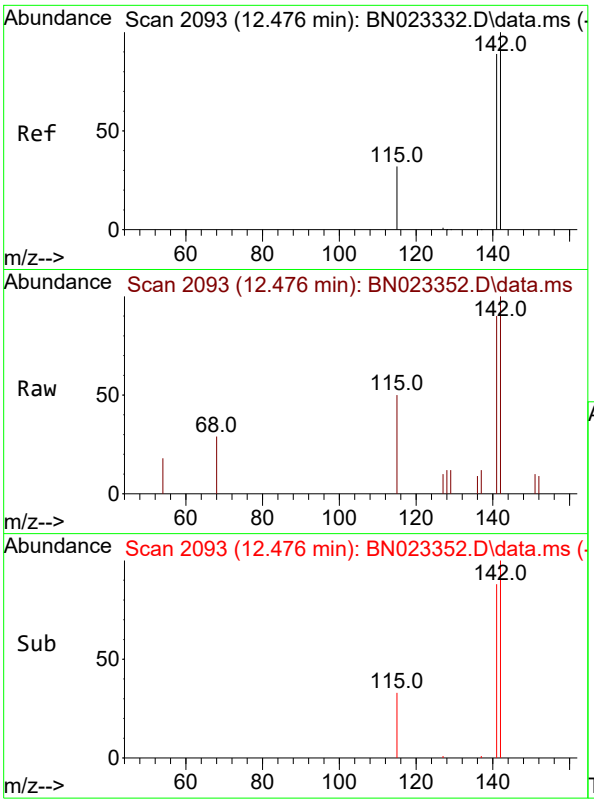


#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:128 Resp: 2898

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.0	13.4#
127	18.4	10.7	16.1#



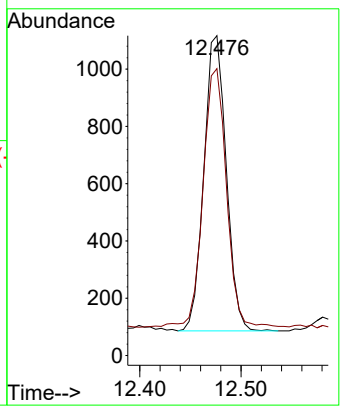


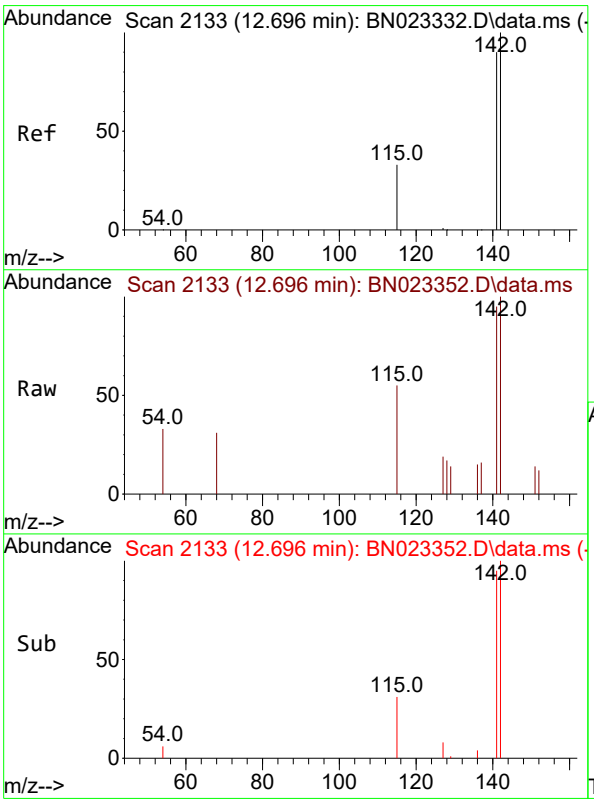
#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:142 Resp: 1582

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.4	107.2

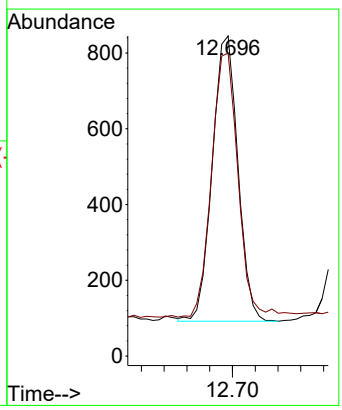


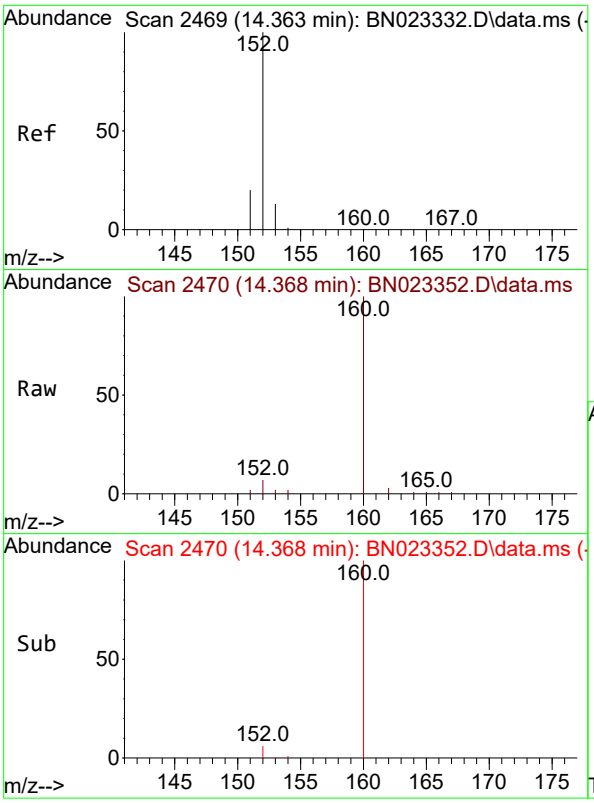


#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:142 Resp: 1171

Ion	Ratio	Lower	Upper
142	100		
141	96.8	74.0	111.0



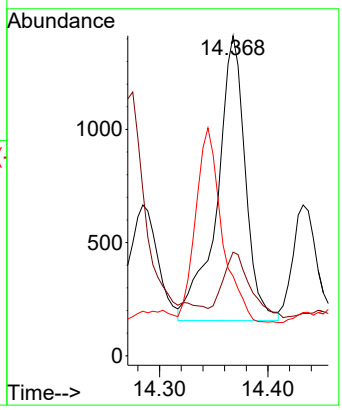


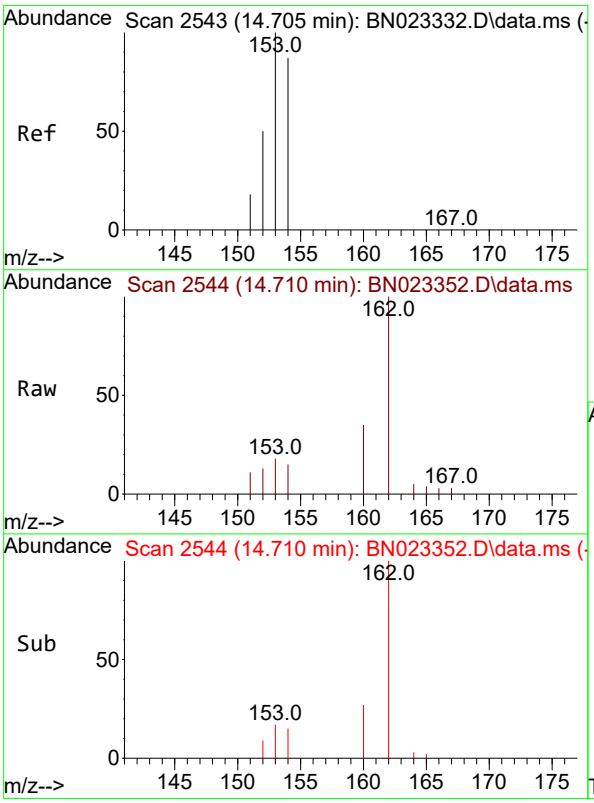
#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.368 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:152 Resp: 2283

Ion	Ratio	Lower	Upper
152	100		
151	32.4	16.1	24.1#
153	24.9	10.9	16.3#

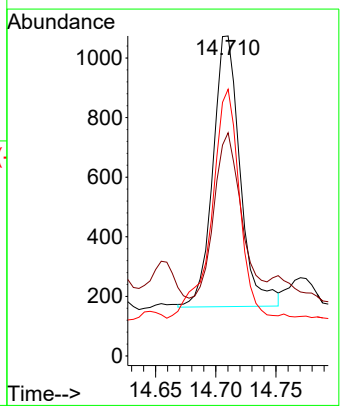


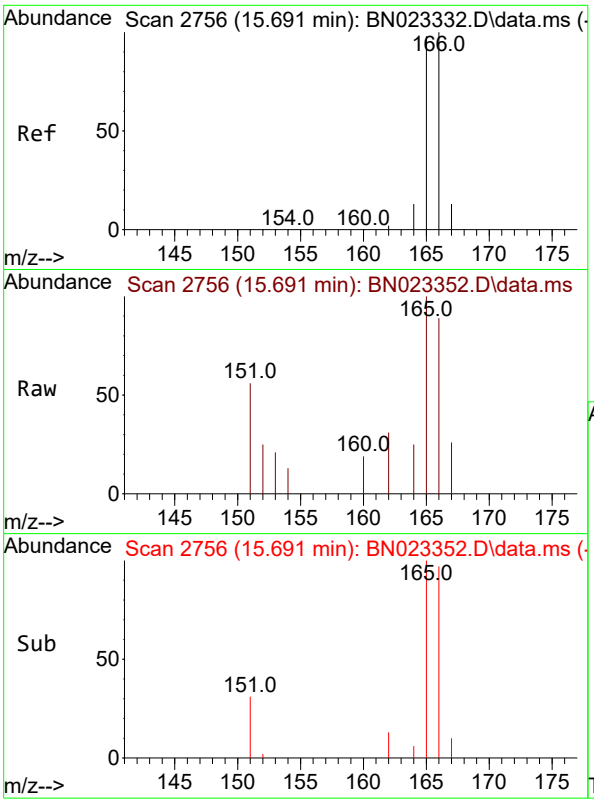


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.710 min Scan# 2544
Delta R.T. 0.004 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:153 Resp: 1425

Ion	Ratio	Lower	Upper
153	100		
152	69.7	41.0	61.4#
154	83.3	69.5	104.3



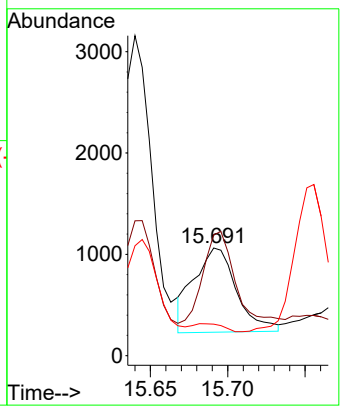


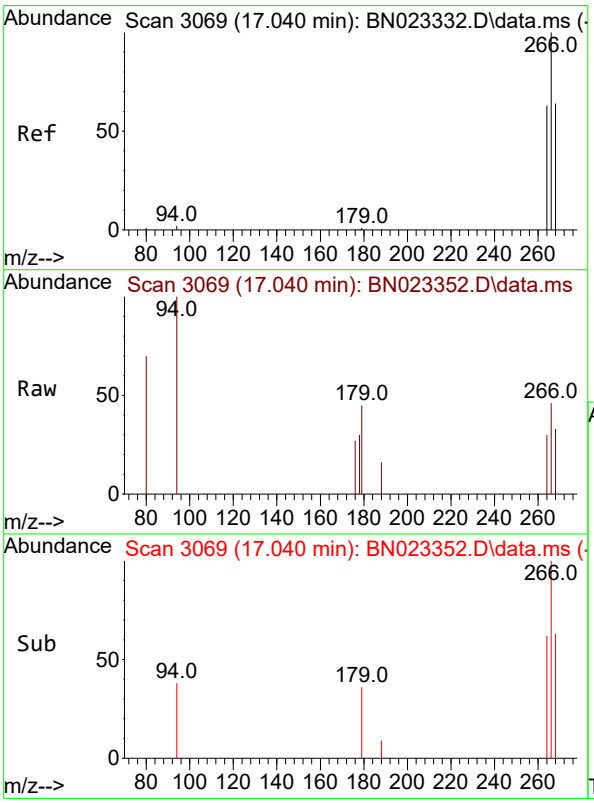
#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.691 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:166 Resp: 1601

Ion	Ratio	Lower	Upper
166	100		
165	112.2	79.1	118.7
167	29.3	11.0	16.4#

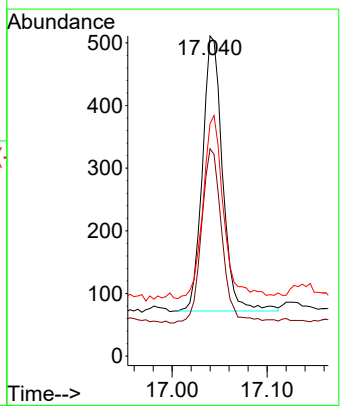


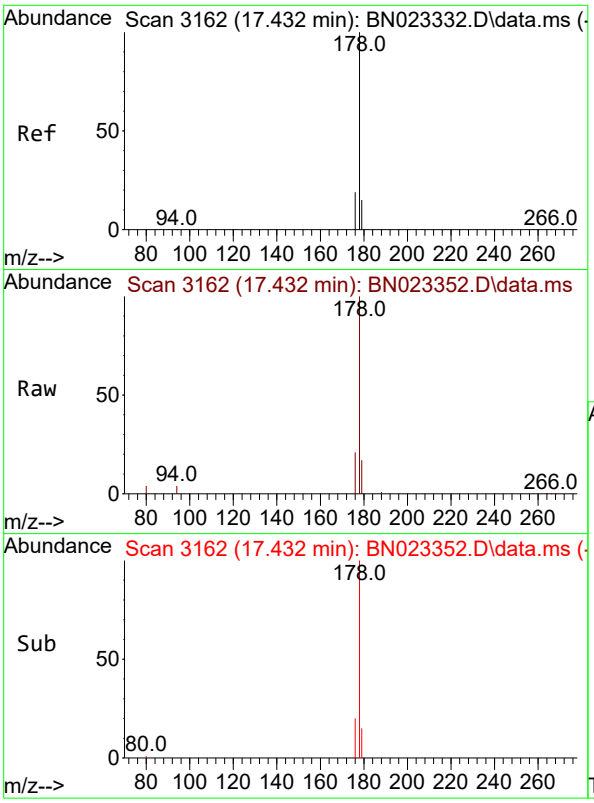


#14
Pentachlorophenol
Concen: 0.069 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:266 Resp: 645

Ion	Ratio	Lower	Upper
266	100		
264	65.0	49.8	74.6
268	69.6	51.4	77.0



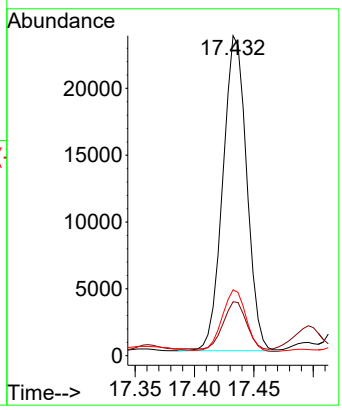


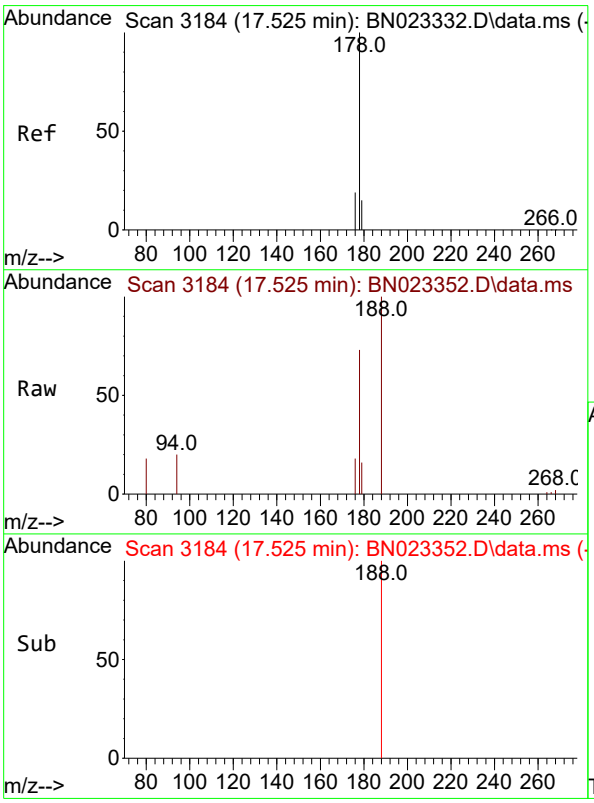
#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.432 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:178 Resp: 32891

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.5	18.7
176	20.6	15.7	23.5

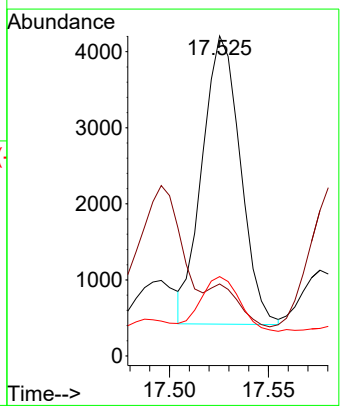


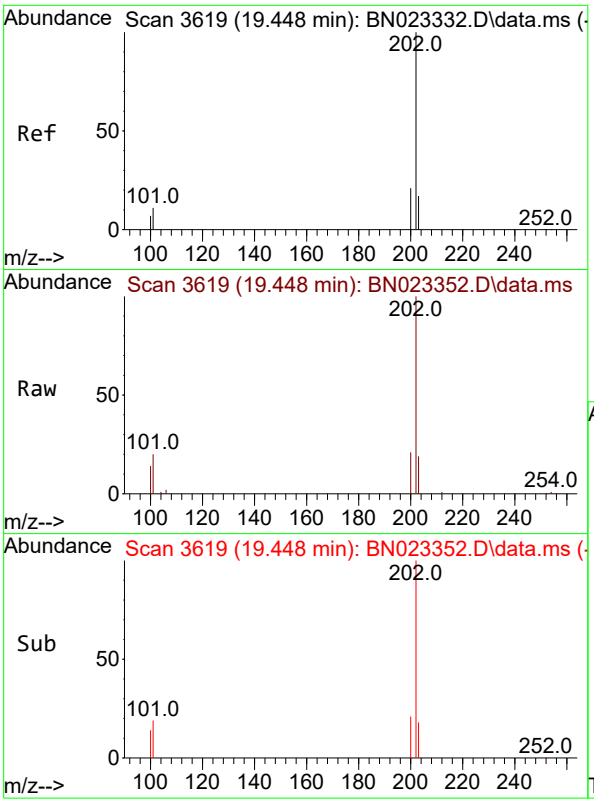


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:178 Resp: 5066

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	18.8#
176	24.8	15.4	23.0#



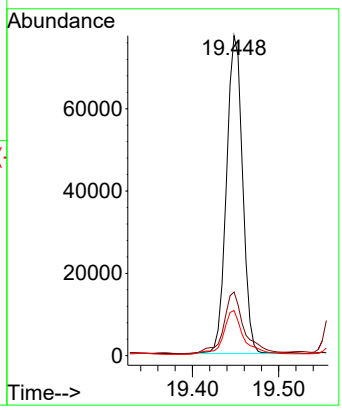


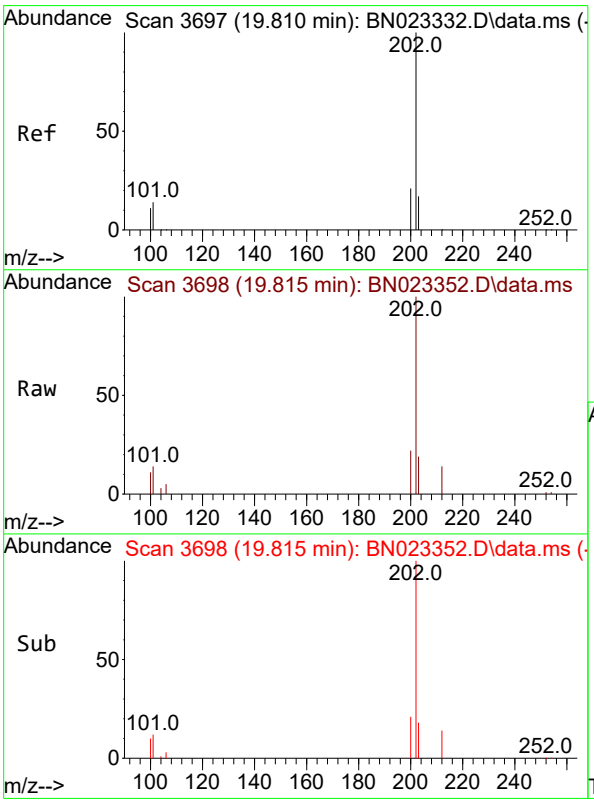
#19
Fluoranthene
Concen: 0.604 ng/ul
RT: 19.448 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:202 Resp: 100592

Ion	Ratio	Lower	Upper
202	100		
101	19.9	9.4	14.2#
100	14.1	7.0	10.6#

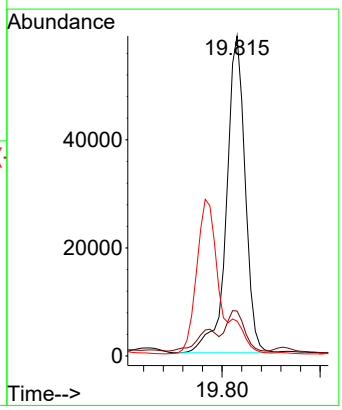


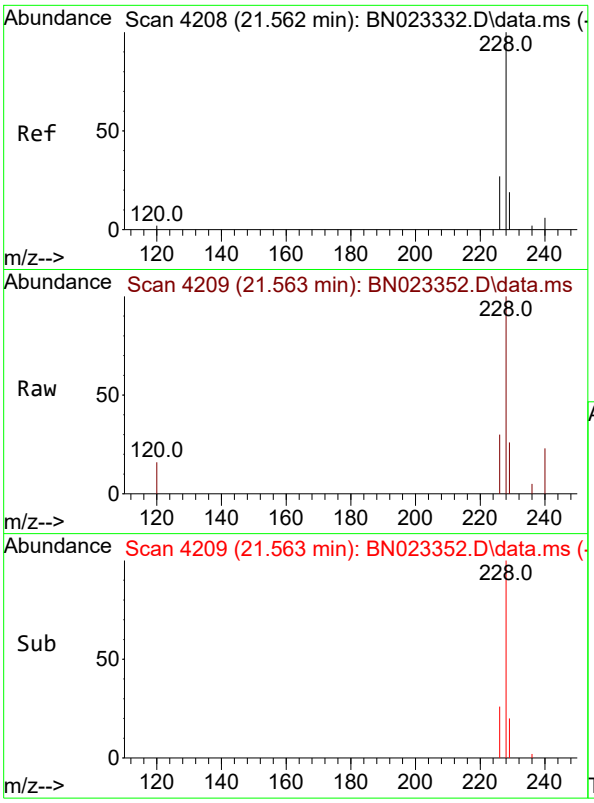


#20
Pyrene
Concen: 0.460 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:202 Resp: 77304

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.3	16.9
100	10.9	9.0	13.4



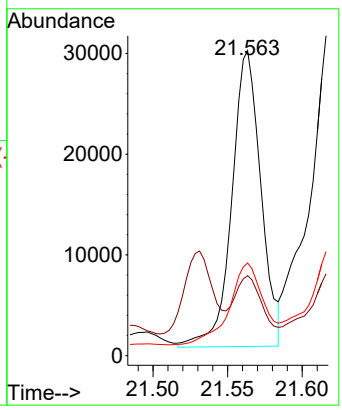


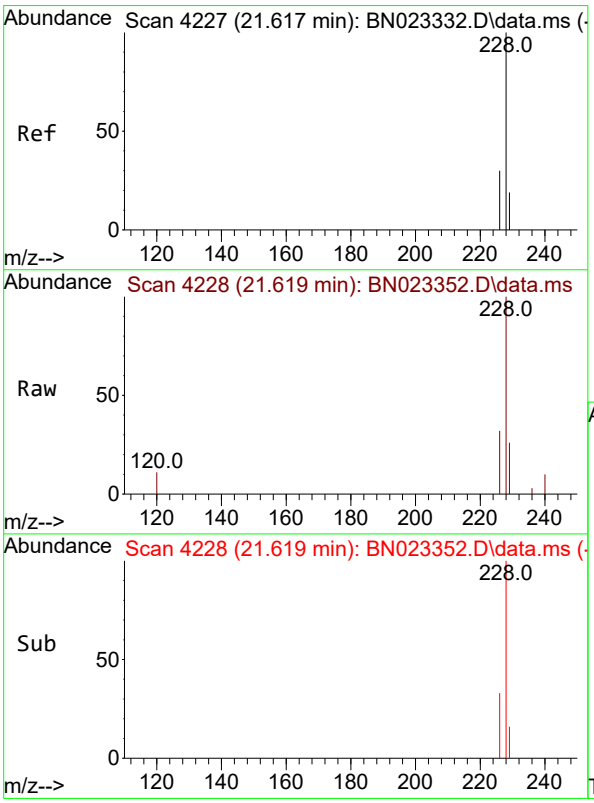
#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.563 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:228 Resp: 39816

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.6	23.4#
226	30.4	22.2	33.2

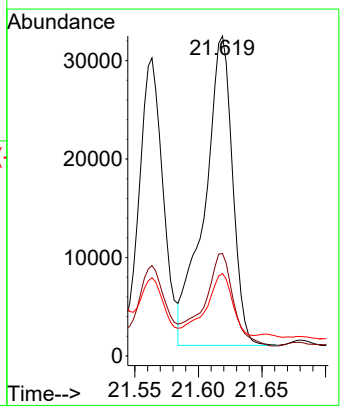


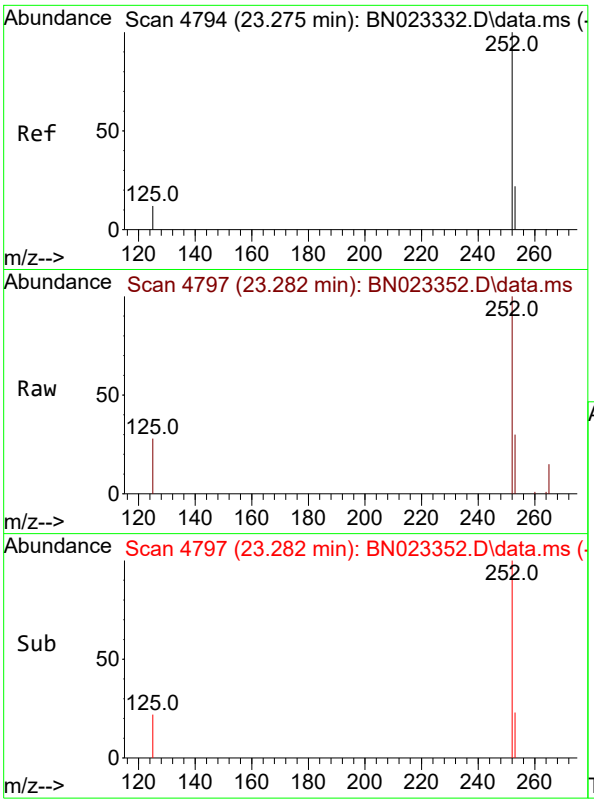


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.002 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:228 Resp: 48098

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.3	36.5
229	25.8	15.8	23.6#



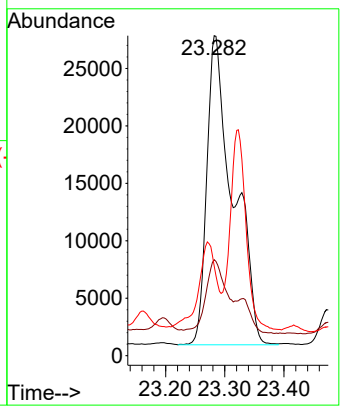


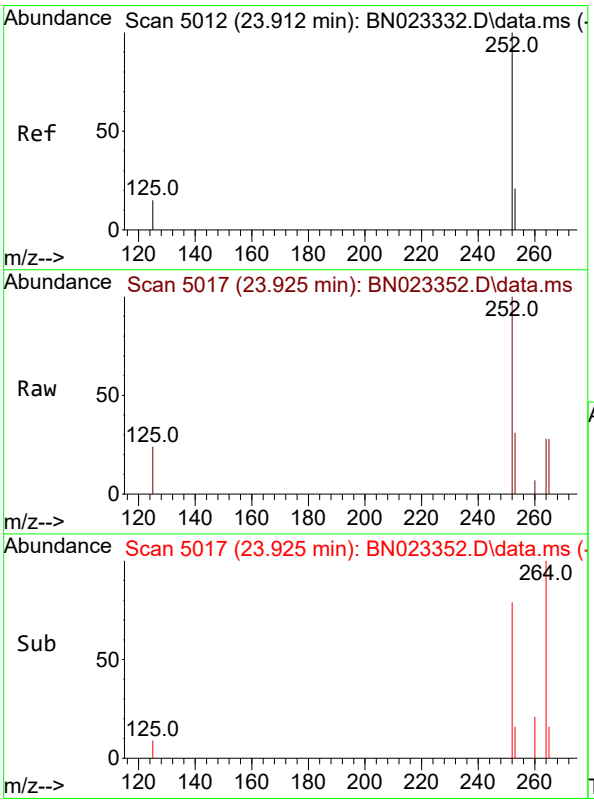
#24
Benzo(b)fluoranthene
Concen: 0.850 ng/ul
RT: 23.282 min Scan# 4
Delta R.T. 0.008 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:252 Resp: 83279

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	49.2
125	28.0	0.0	31.8

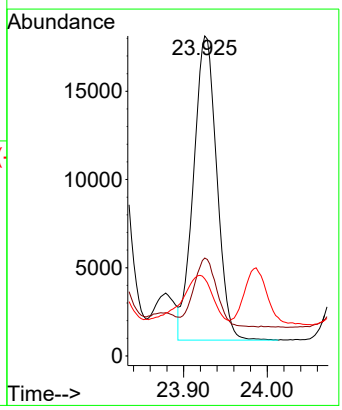


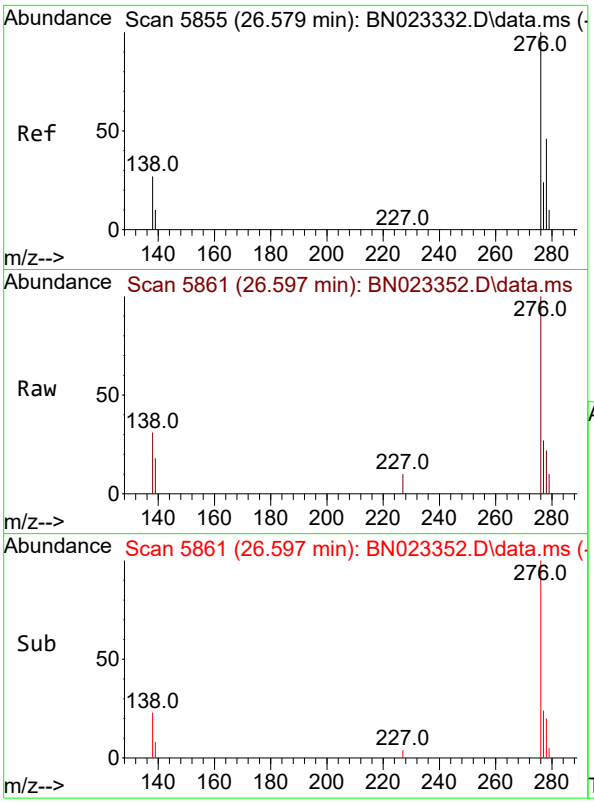


#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.925 min Scan# 5017
Delta R.T. 0.011 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:252 Resp: 33306

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.4	32.2
125	24.1	16.2	24.4



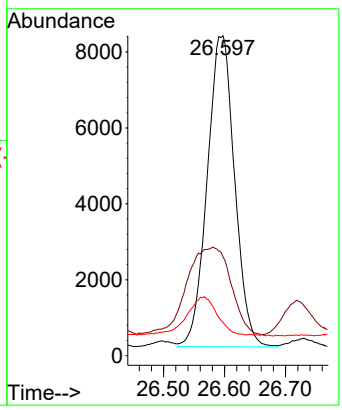


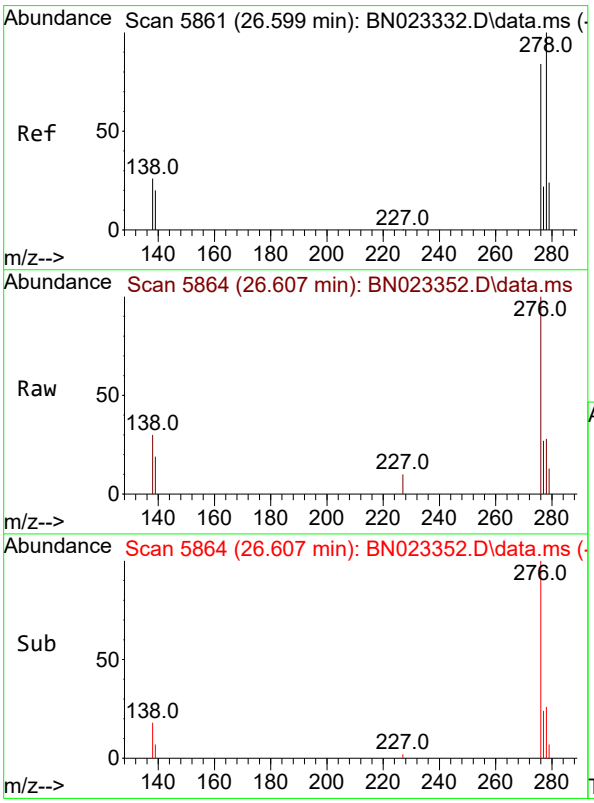
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.597 min Scan# 5
Delta R.T. 0.019 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:276 Resp: 25616

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.4	35.2#
227	0.0	0.0	0.0

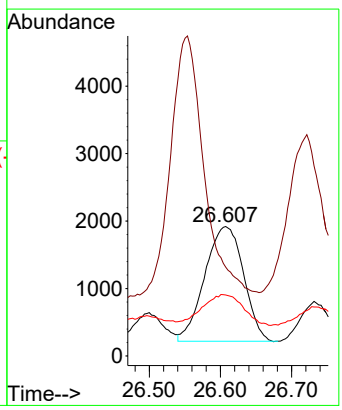


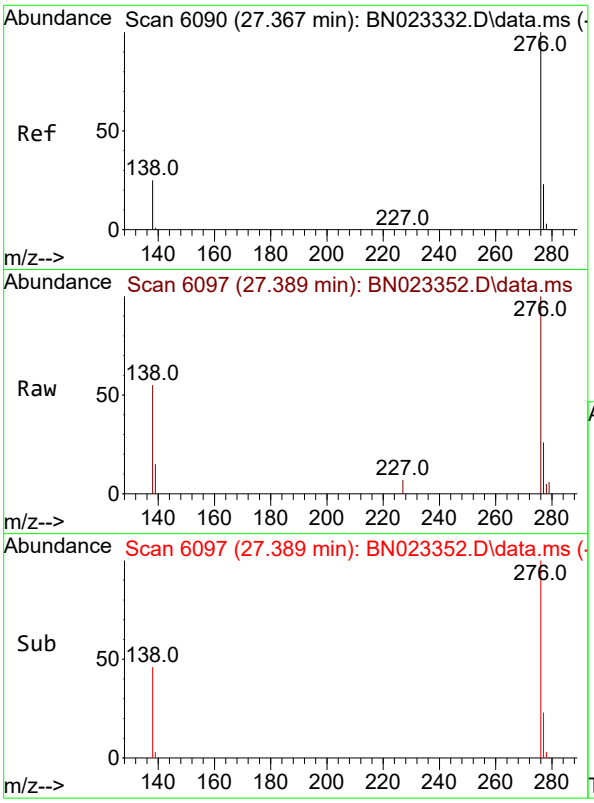


#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.607 min Scan# 5864
Delta R.T. 0.006 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Tgt Ion:278 Resp: 6438

Ion	Ratio	Lower	Upper
278	100		
139	68.6	16.6	24.8#
279	47.2	21.3	31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.389 min Scan# 6
Delta R.T. 0.019 min
Lab File: BN023352.D
Acq: 22 Dec 2022 23:03

Instrument :
BNA_N
ClientSampleId :
DBXQ8

Tgt Ion:276 Resp: 23556

Ion	Ratio	Lower	Upper
276	100		
138	55.4	20.3	30.5#
277	26.4	19.7	29.5