Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024444.D
Acq On : 21 Mar 2023 12:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 21 17:39:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	11432	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	33856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	17520	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	35265	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	26814	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	20243	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	4476	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	15871	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	28796	0.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	4870	0.356	ng/ul	97
5) Naphthalene	10.900	128	32904	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	20030	0.391	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	20851	0.387	ng/ul	100
10) Acenaphthylene	14.388	152	27914	0.382	ng/ul	100
11) Acenaphthene	14.730	153	21422	0.380	ng/ul	99
12) Fluorene	15.711	166	23635	0.376	ng/ul	97
14) Pentachlorophenol	17.059	266	2787	0.285	ng/ul#	73
15) Phenanthrene	17.451	178	38335	0.380	ng/ul	100
16) Anthracene	17.544	178	33223	0.375	ng/ul	100
19) Fluoranthene	19.464	202	41549	0.389	ng/ul	99
20) Pyrene	19.827	202	41959	0.388	ng/ul	98
21) Benzo(a)anthracene	21.580	228	32767	0.374	ng/ul	99
22) Chrysene	21.632	228	34864	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.316	252	32654	0.422	ng/ul	96
25) Benzo(k)fluoranthene	23.366	252	31578	0.394	ng/ul	95
26) Benzo(a)pyrene	23.968	252	26405	0.397	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.673	276	29939	0.400	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.693	278	22681	0.398	ng/ul	96
29) Benzo(g,h,i)perylene	27.471	276	26324	0.405	ng/ul	98

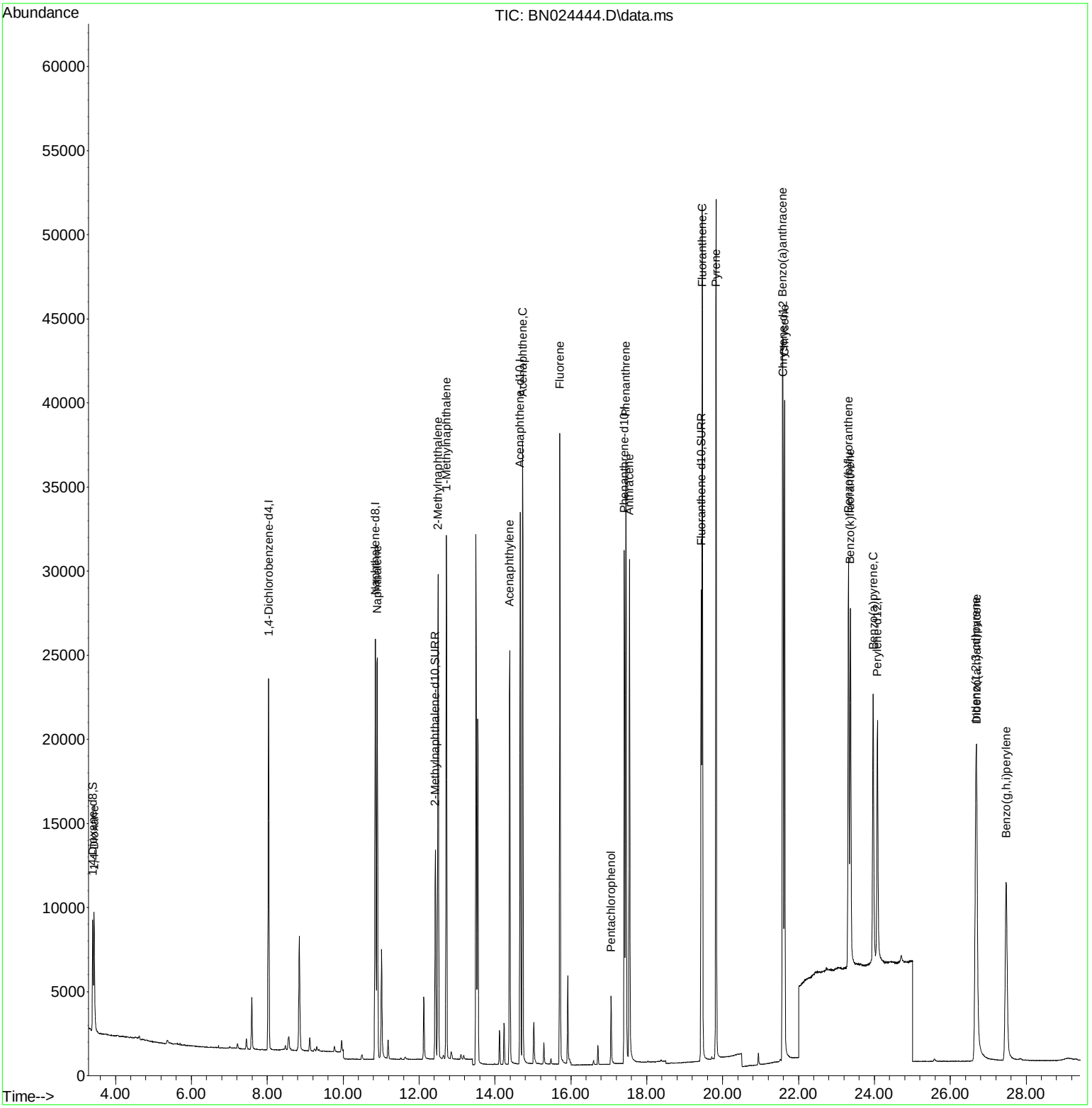
(#) = qualifier out of range (m) = manual integration (+) = signals summed

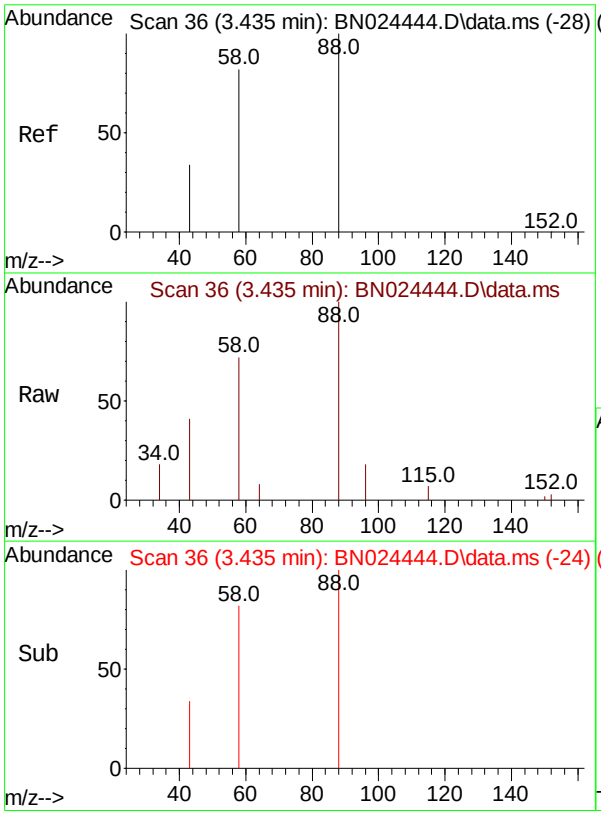
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024444.D
Acq On : 21 Mar 2023 12:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 21 17:39:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration



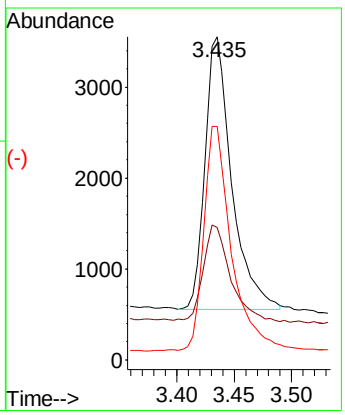


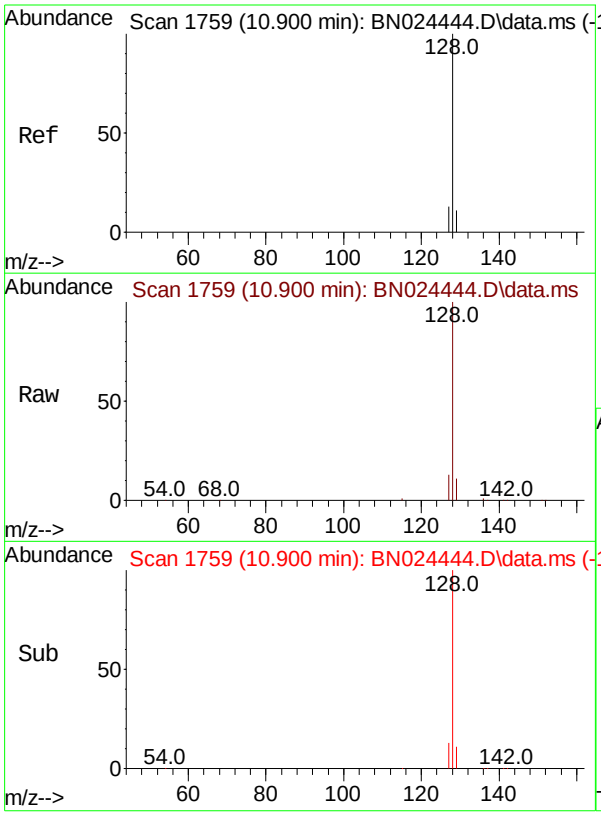
#2
1,4-Dioxane
Concen: 0.356 ng/ul
RT: 3.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 4870

Ion	Ratio	Lower	Upper
88	100		
43	41.0	32.1	48.1
58	72.2	55.1	82.7

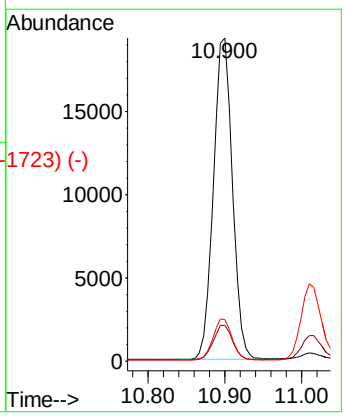


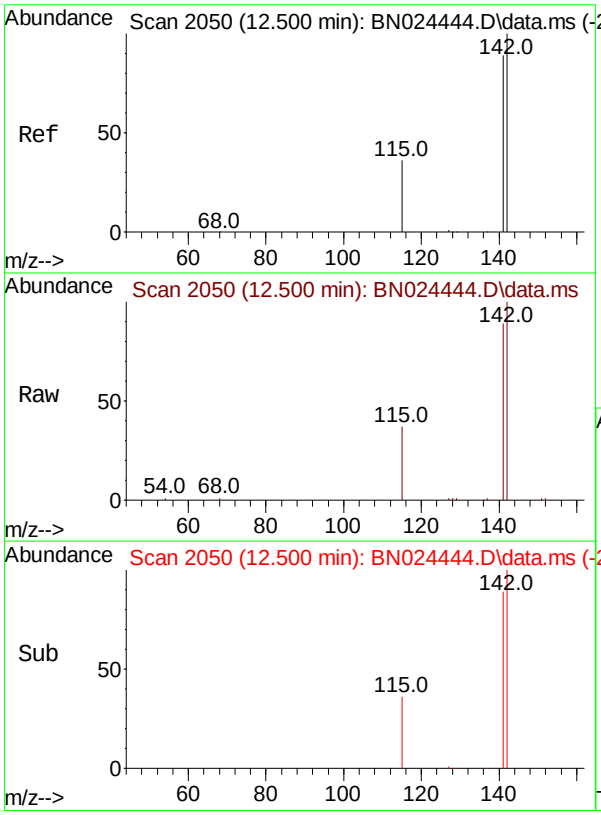


#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:128 Resp: 32904

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.9	10.5	15.7



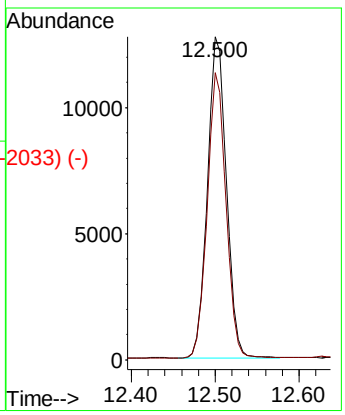


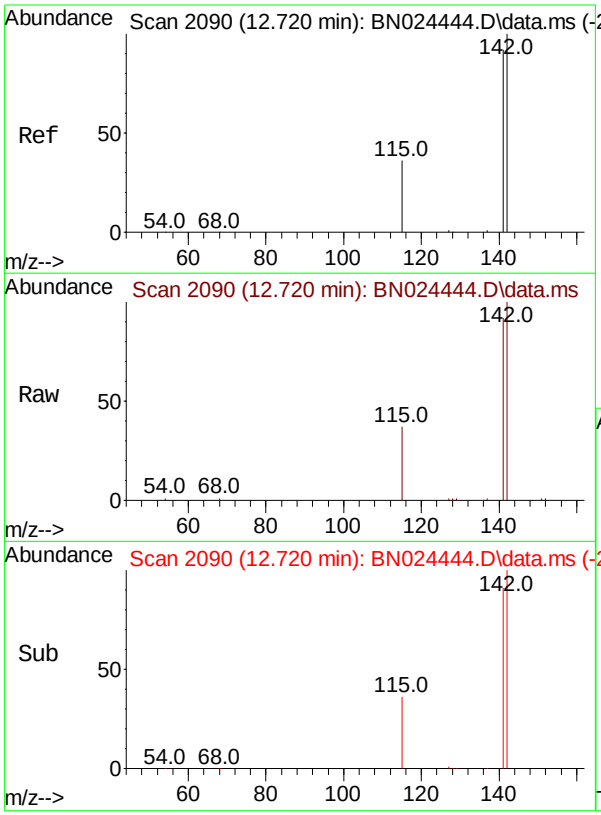
#47
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.500 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 20030

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5

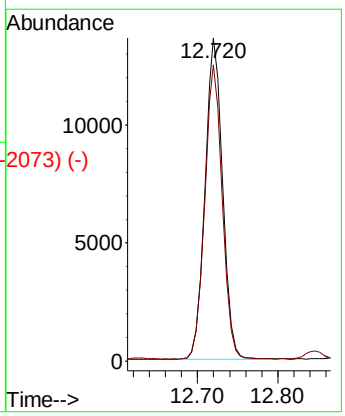


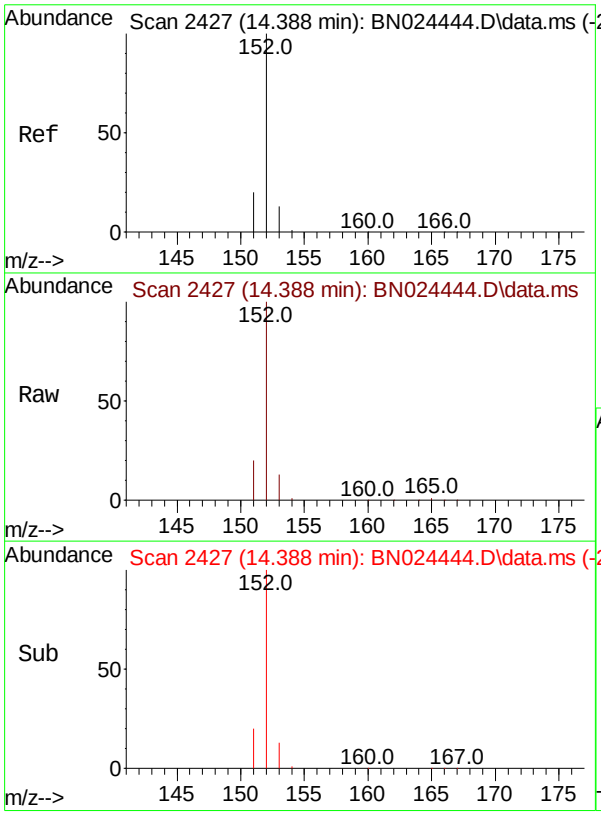


#48
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:142 Resp: 20851

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6



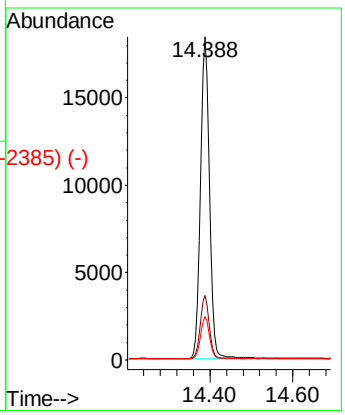


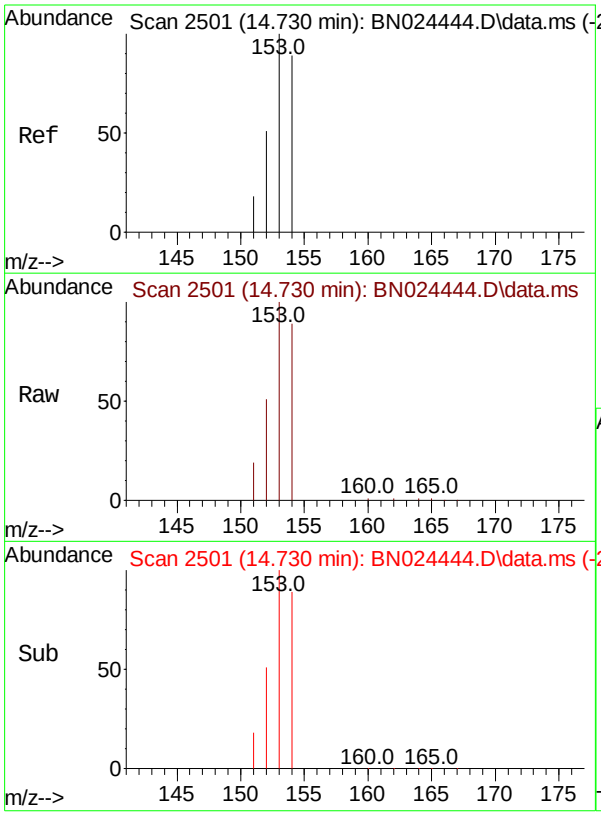
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.388 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 27914

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.6	16.0

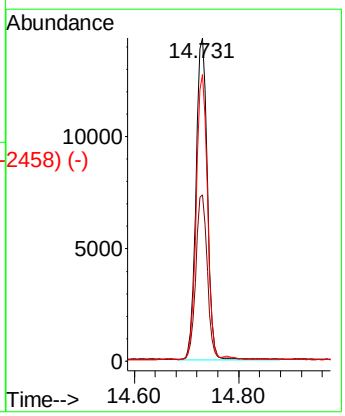


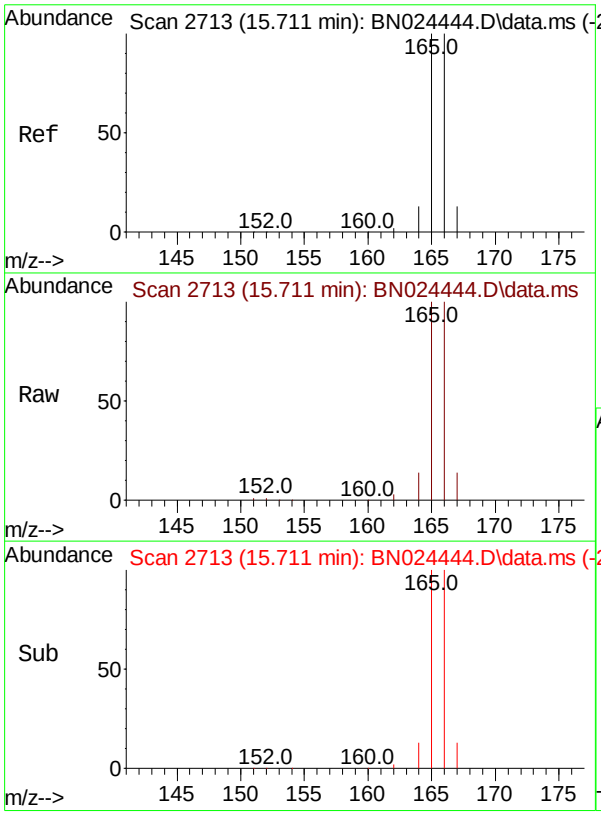


#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.730 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:153 Resp: 21422

Ion	Ratio	Lower	Upper
153	100		
152	51.5	42.6	64.0
154	88.7	70.6	105.8



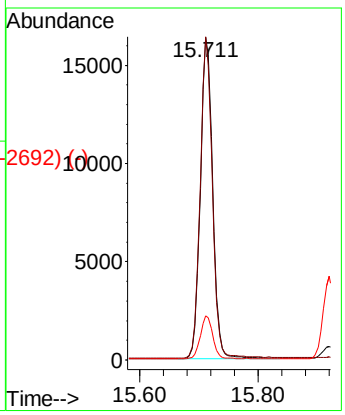


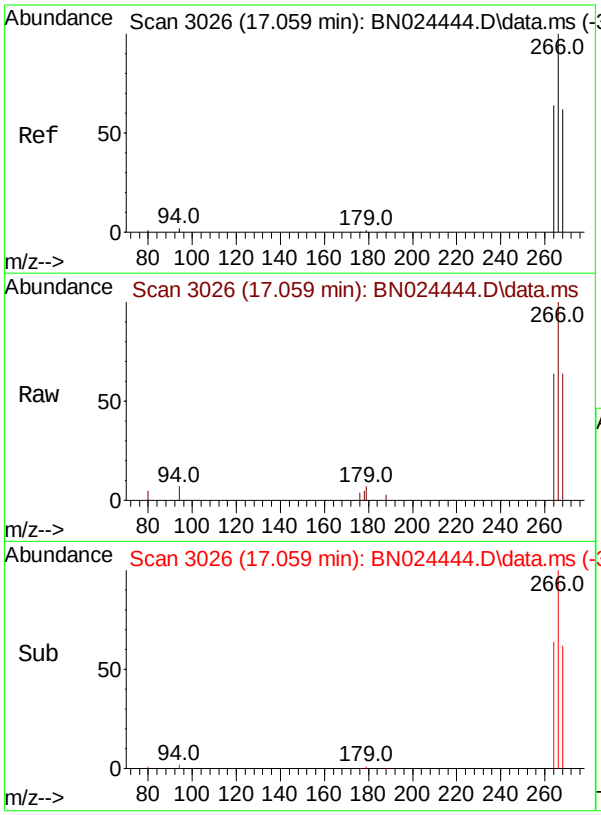
#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.711 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 23635

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.4	116.0
167	13.6	10.9	16.3

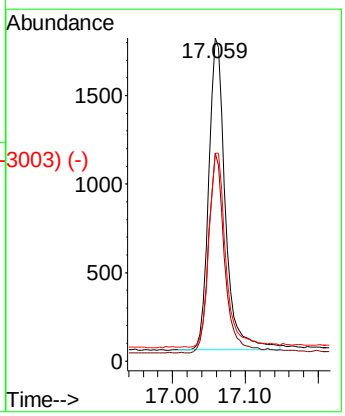


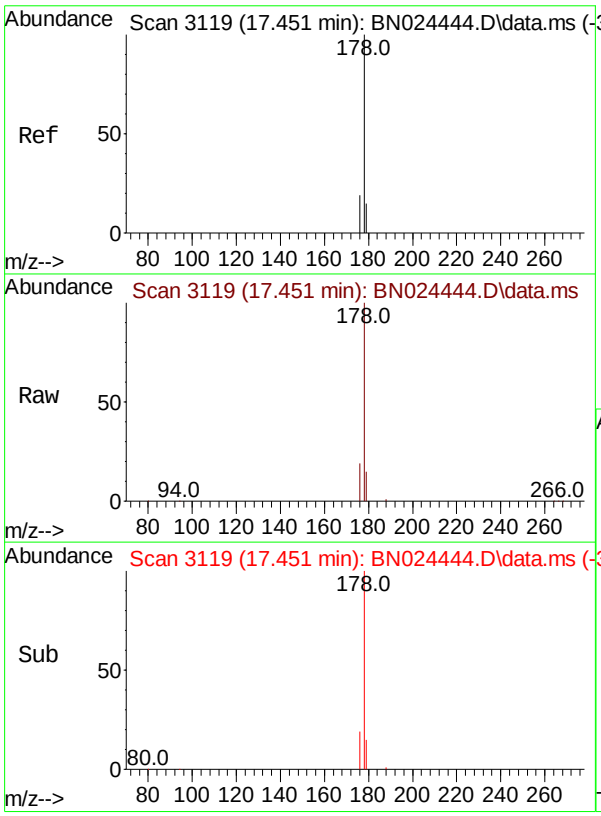


#14
Pentachlorophenol
Concen: 0.285 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:266 Resp: 2787

Ion	Ratio	Lower	Upper
266	100		
264	62.6	0.0	0.0#
268	63.1	0.1	0.1#



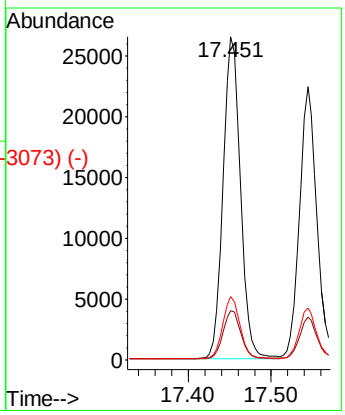


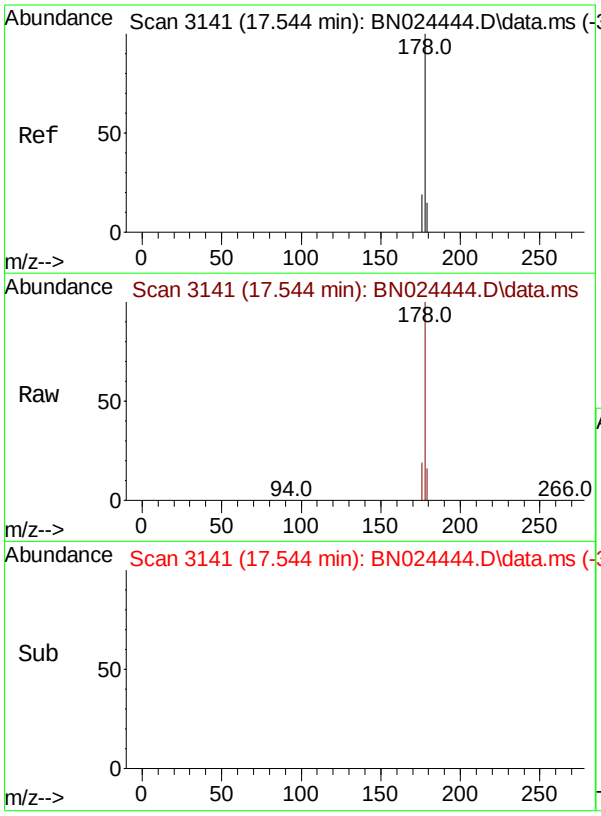
#14
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.451 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 38335

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.5	15.7	23.5

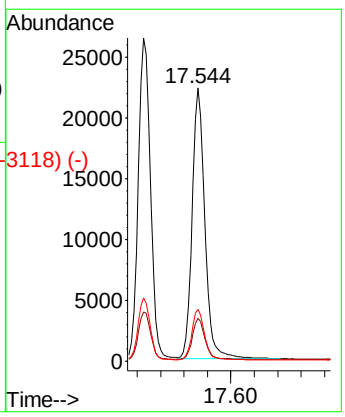


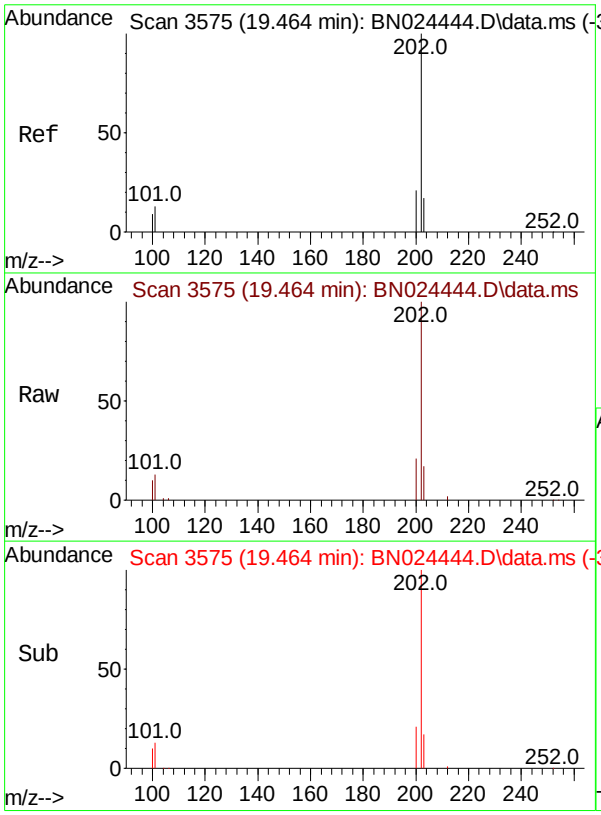


#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:178 Resp: 33223

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.3	22.9



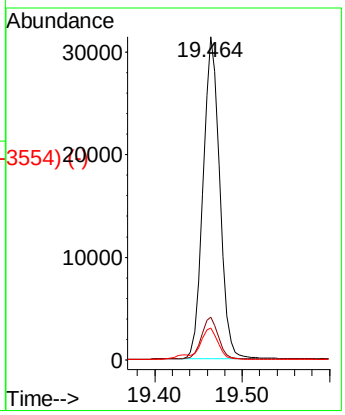


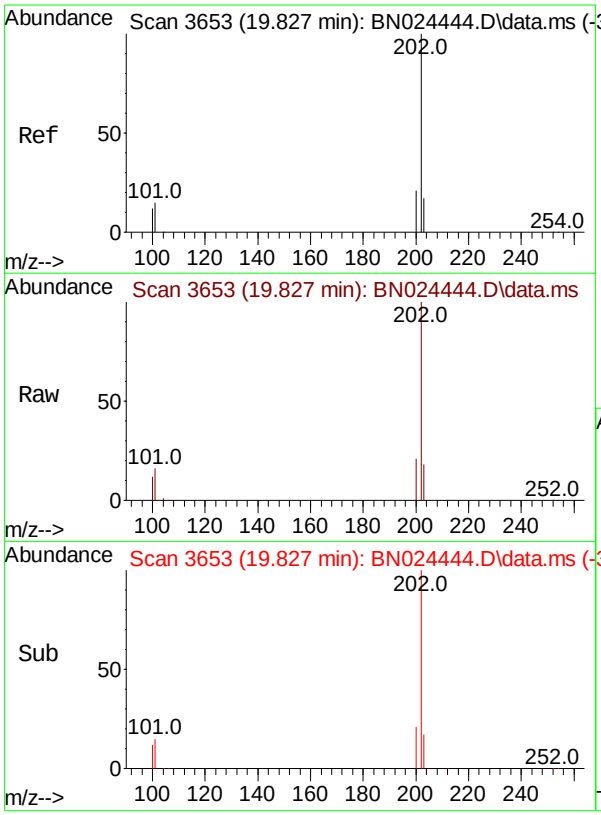
#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.464 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 41549

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
100	9.8	7.7	11.5

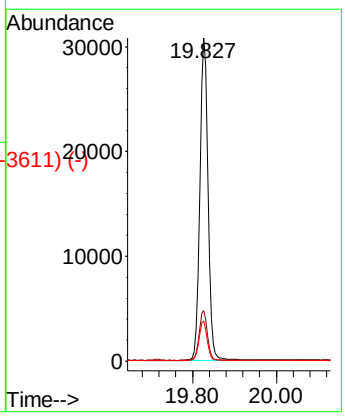


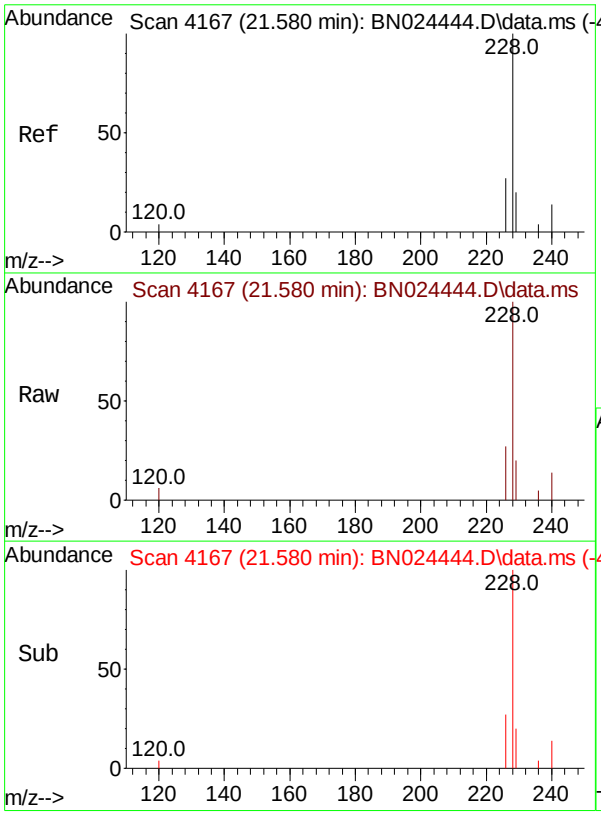


#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.827 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:202 Resp: 41959

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.1	18.1
100	12.5	9.4	14.0



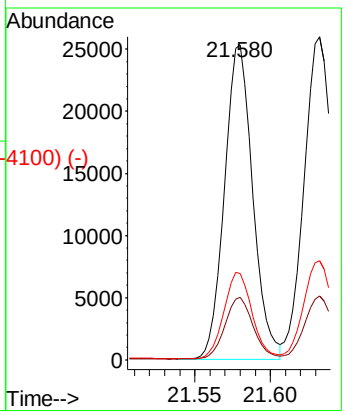


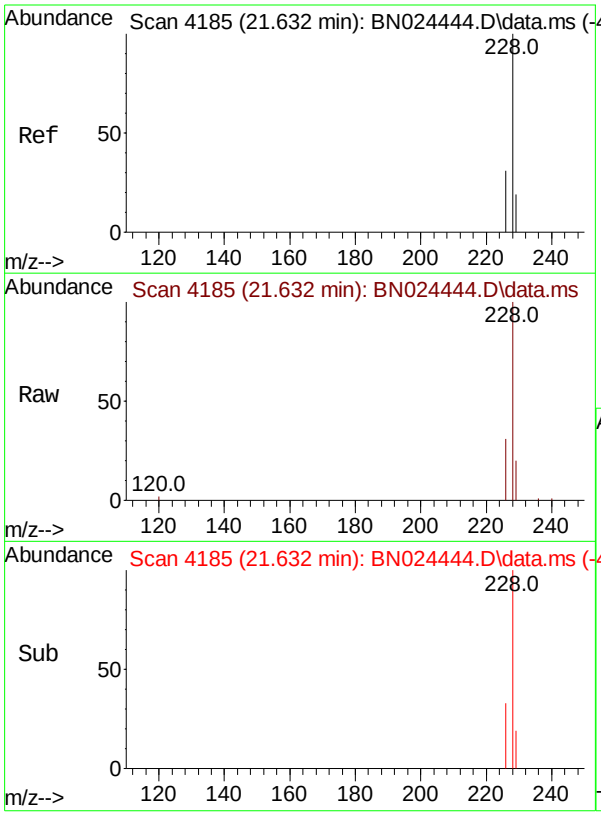
#23
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.580 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 32767

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	27.4	22.2	33.4

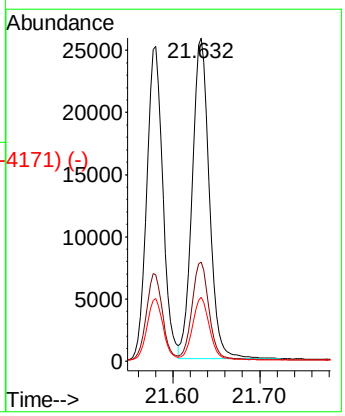


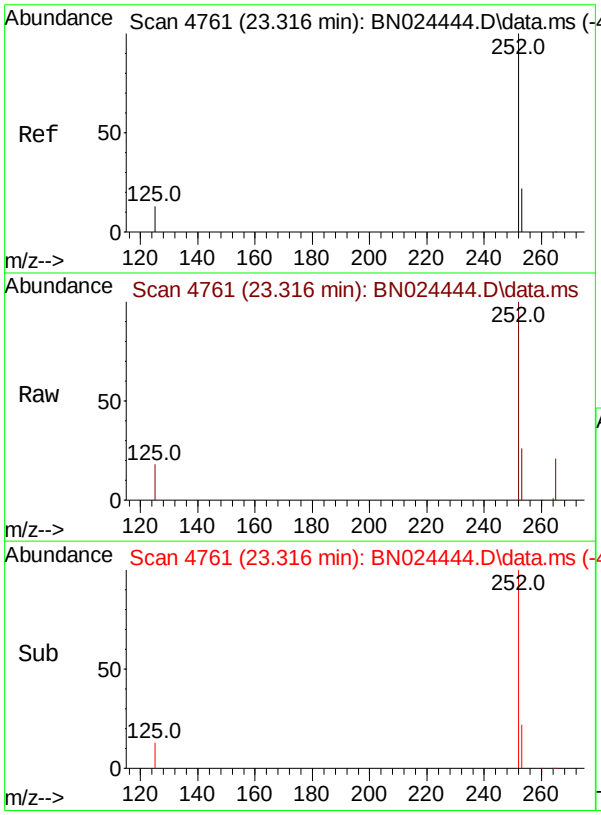


#24
Chrysene
Concen: 0.377 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. -0.009 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:228 Resp: 34864

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.6



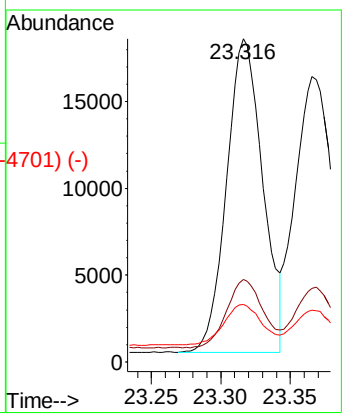


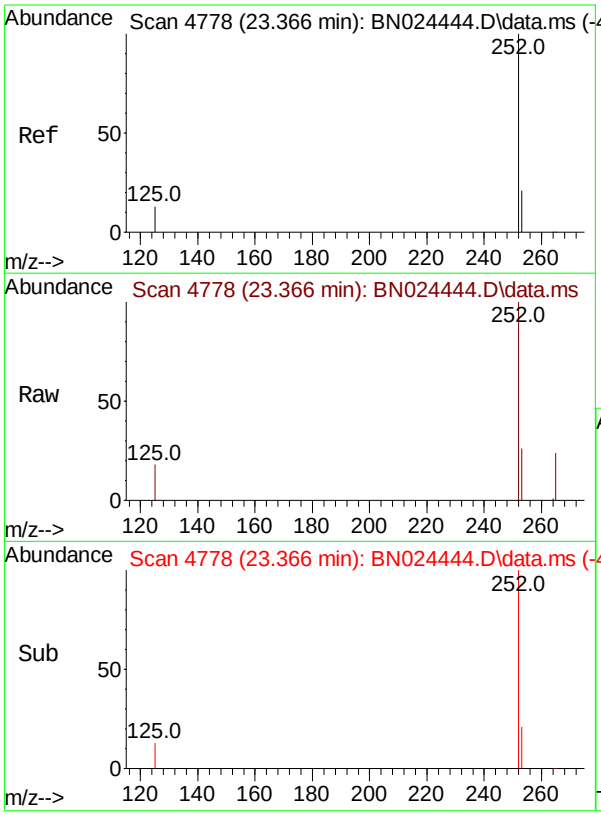
#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.316 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32654

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	46.2
125	17.8	0.0	34.0

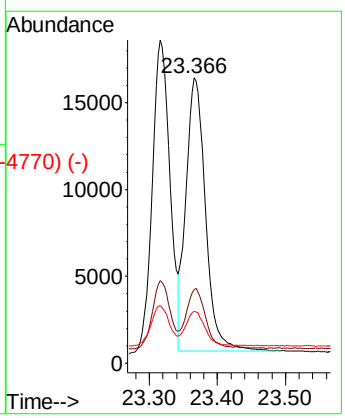


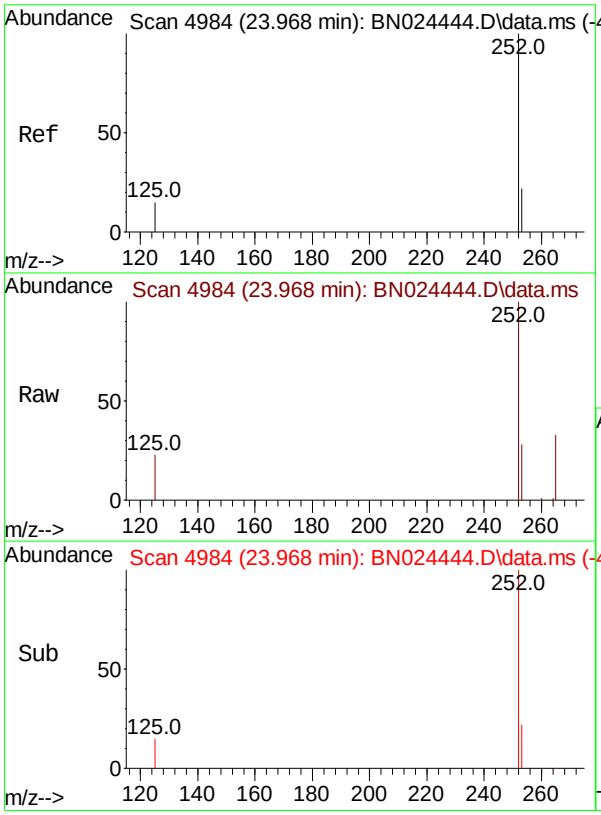


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. -0.026 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:252 Resp: 31578

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.5	27.7
125	18.1	13.2	19.8



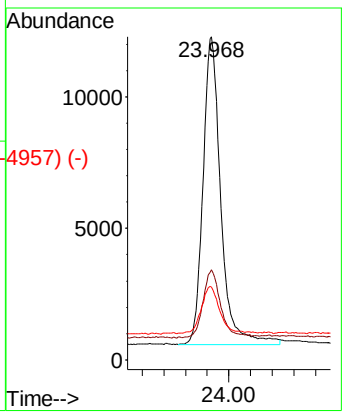


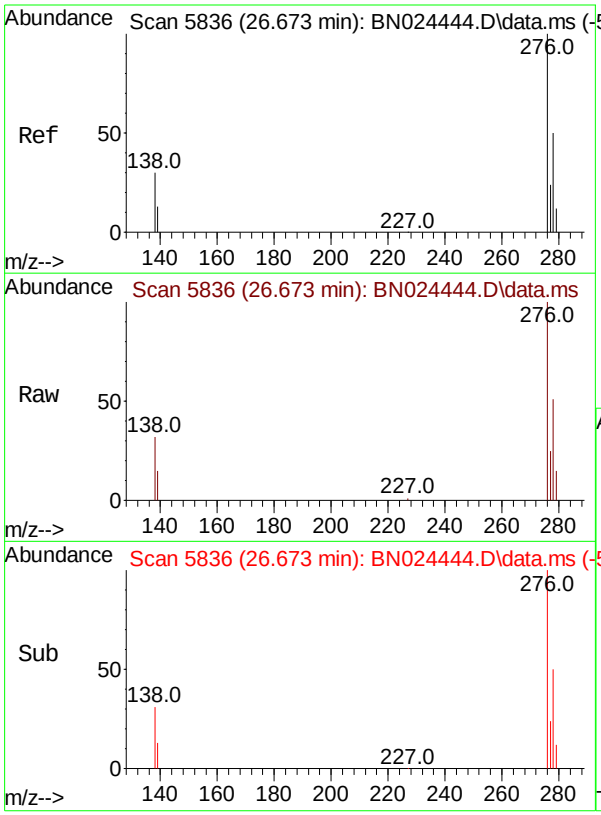
#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.968 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26405

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	22.6	15.8	23.6

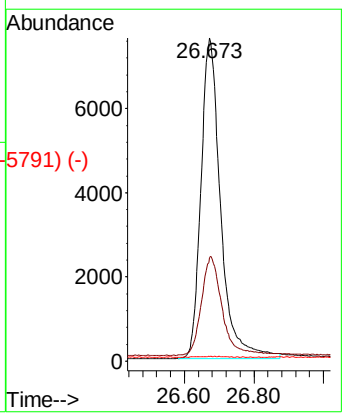


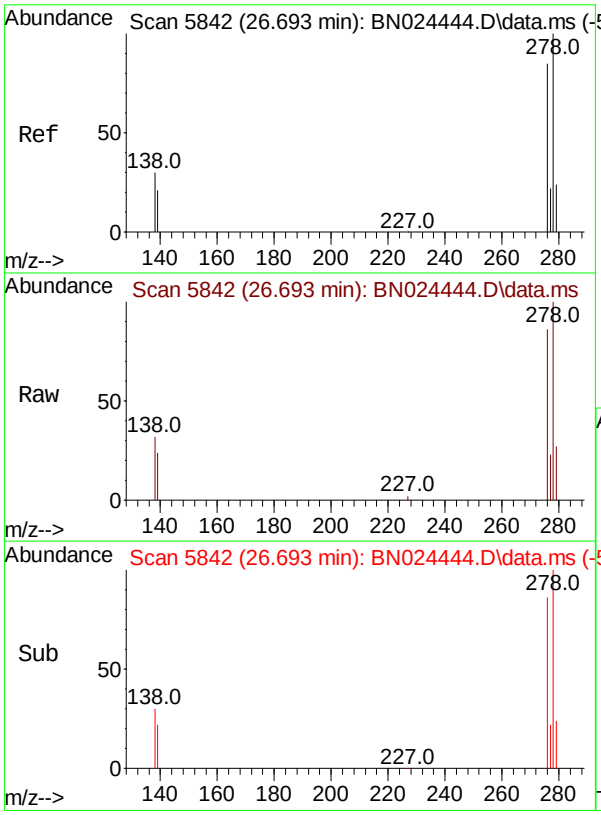


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.673 min Scan# 5836
Delta R.T. -0.050 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:276 Resp: 29939

Ion	Ratio	Lower	Upper
276	100		
138	32.6	0.0	0.0#
227	0.1	0.0	0.0#



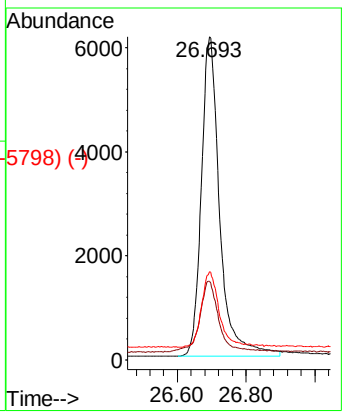


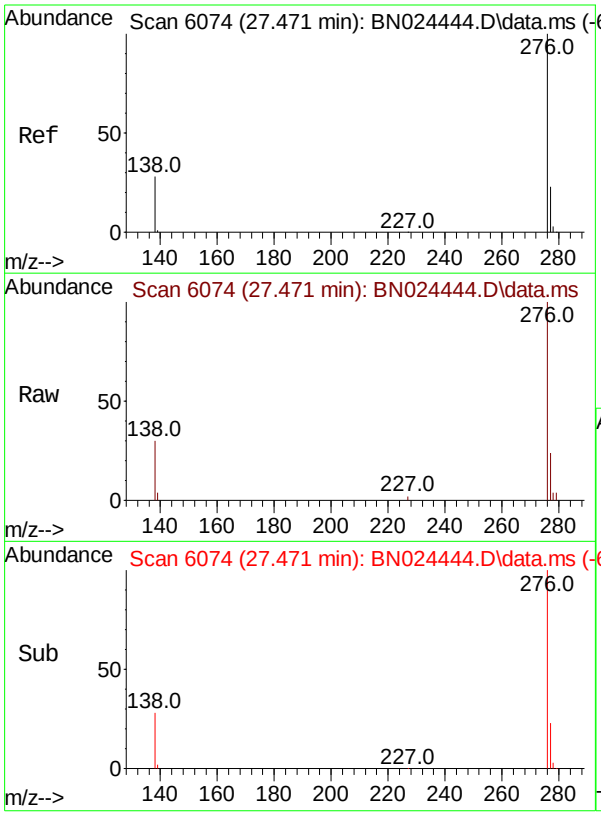
#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.693 min Scan# 5
Delta R.T. -0.054 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 22681

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.0	31.6
279	27.4	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.471 min Scan# 6074
Delta R.T. -0.064 min
Lab File: BN024444.D
Acq: 21 Mar 2023 12:03

Tgt Ion:276 Resp: 26324

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.2	37.8
277	24.3	19.4	29.2