Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024674.D
Acq On : 31 Mar 2023 12:02
Operator : CG/JU
Sample : 02041-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB954

Quant Time: Apr 01 00:45:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 02:10:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.000	152	11445	0.400	ng/ul		0.00
4) Naphthalene-d8	10.812	136	35551	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.633	164	33297	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.384	188	46168	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.571	240	35138	0.400	ng/ul	#	0.00
23) Perylene-d12	24.038	264	33931	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.372	96	62499	5.320	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.395	152	19304	0.440	ng/ul		0.00
18) Fluoranthene-d10	19.408	212	44223	0.514	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	30020	2.429	ng/ul		91
5) Naphthalene	10.861	128	11212	0.128	ng/ul#		70
7) 2-Methylnaphthalene	12.467	142	1499	0.028	ng/ul#		67
8) 1-Methylnaphthalene	12.687	142	3703	0.065	ng/ul		89
10) Acenaphthylene	14.360	152	3919	0.033	ng/ul#		3
11) Acenaphthene	14.698	153	165640	1.622	ng/ul		98
12) Fluorene	15.684	166	120631	1.034	ng/ul		99
16) Anthracene	17.515	178	23828	0.225	ng/ul#		84
19) Fluoranthene	19.436	202	16994	0.137	ng/ul#		72
20) Pyrene	19.803	202	9419	0.075	ng/ul#		49
26) Benzo(a)pyrene	23.886	252	11059	0.100	ng/ul#		46

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

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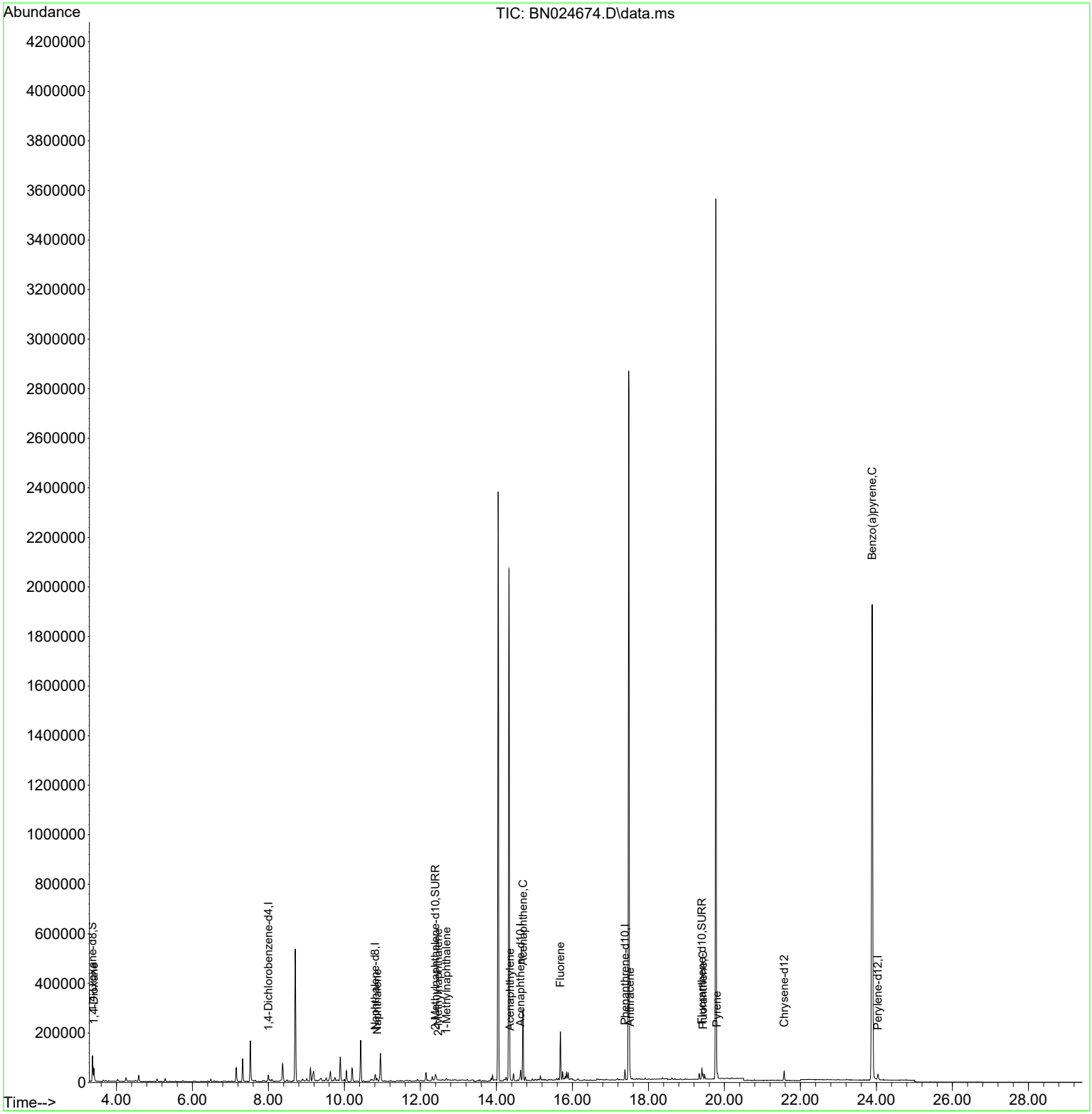
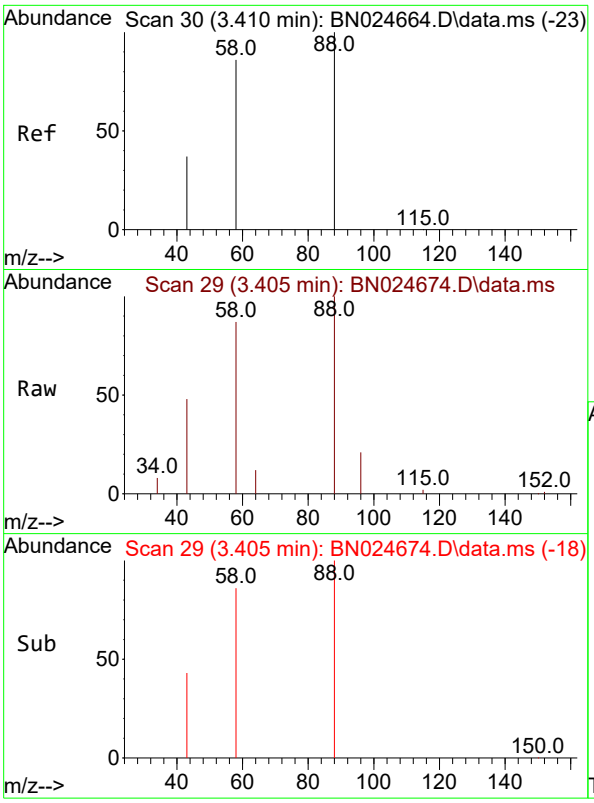


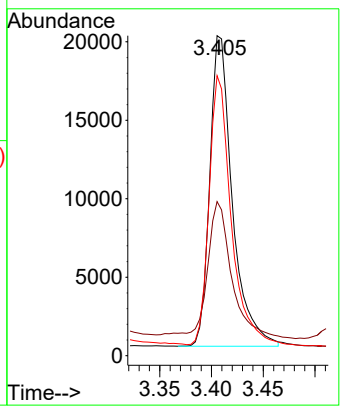


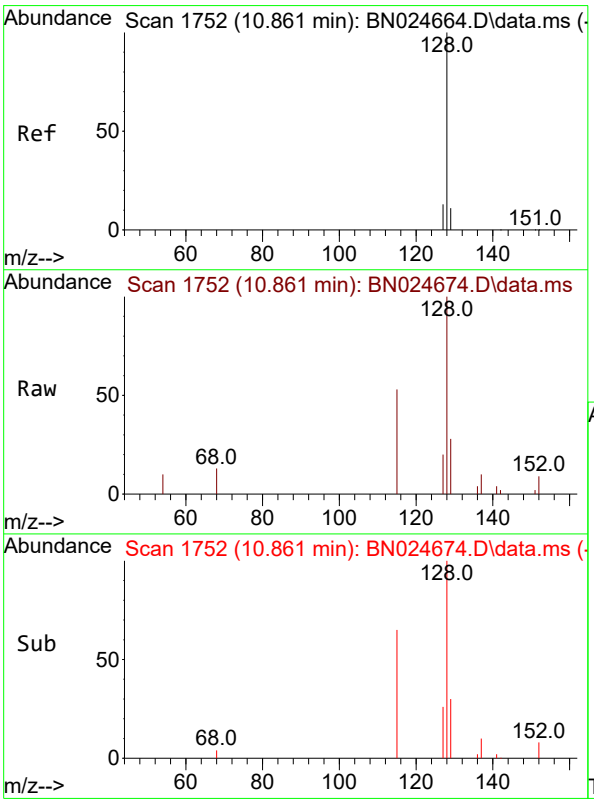
#2
1,4-Dioxane
Concen: 2.429 ng/ul
RT: 3.405 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion: 88 Resp: 30020

Ion	Ratio	Lower	Upper
88	100		
43	48.1	37.2	55.8
58	87.5	61.5	92.3

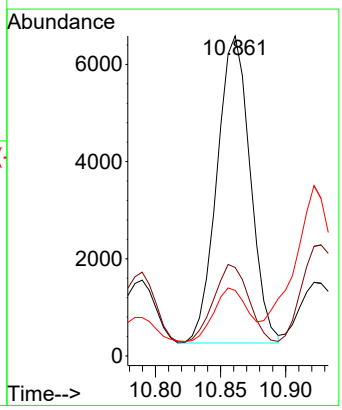


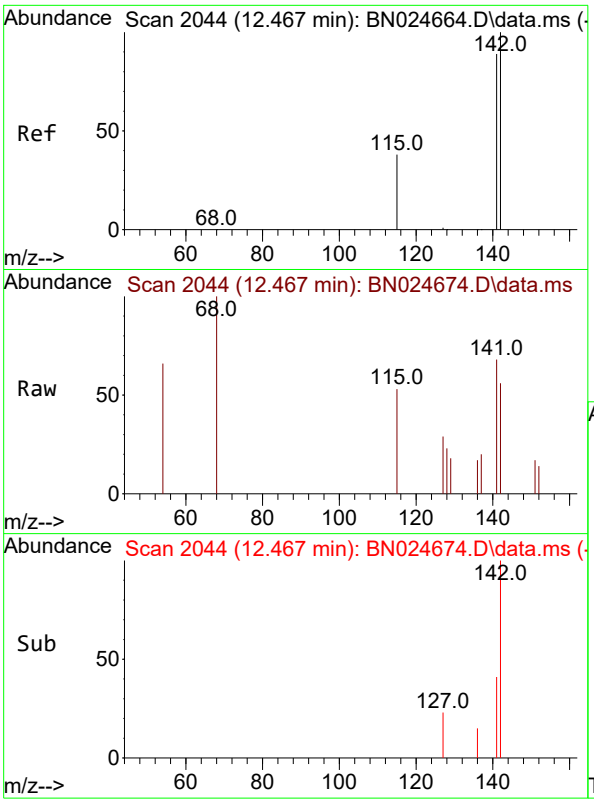


#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Tgt Ion:128 Resp: 11212

Ion	Ratio	Lower	Upper
128	100		
129	27.6	9.0	13.6#
127	20.5	10.5	15.7#



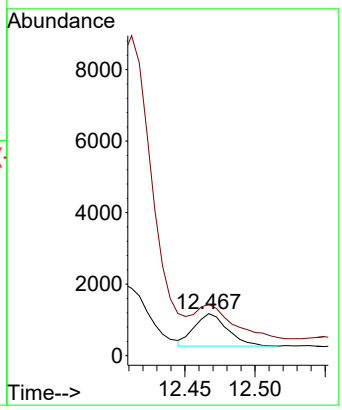


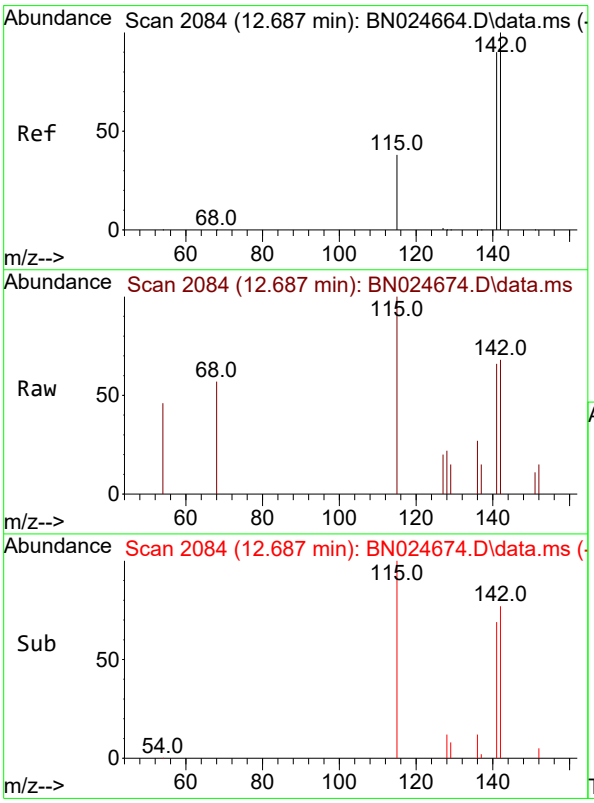
#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion:142 Resp: 1499

Ion	Ratio	Lower	Upper
142	100		
141	119.5	70.9	106.3#

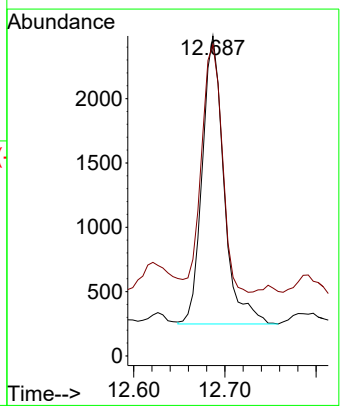


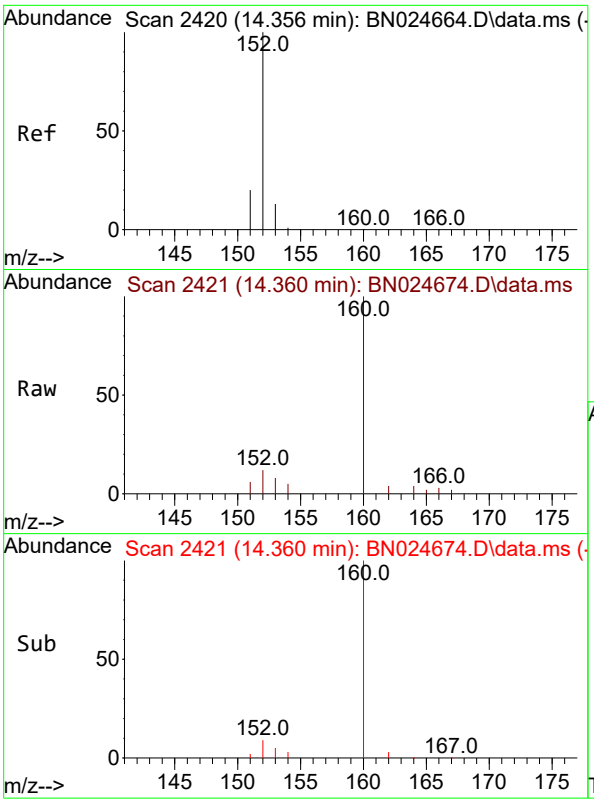


#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Tgt Ion:142 Resp: 3703

Ion	Ratio	Lower	Upper
142	100		
141	81.4	73.5	110.3



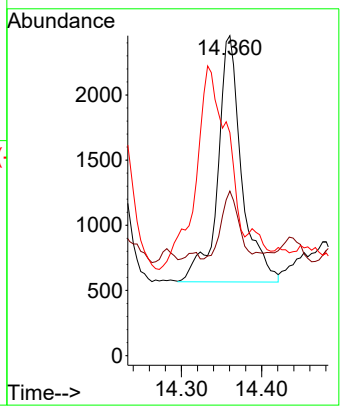


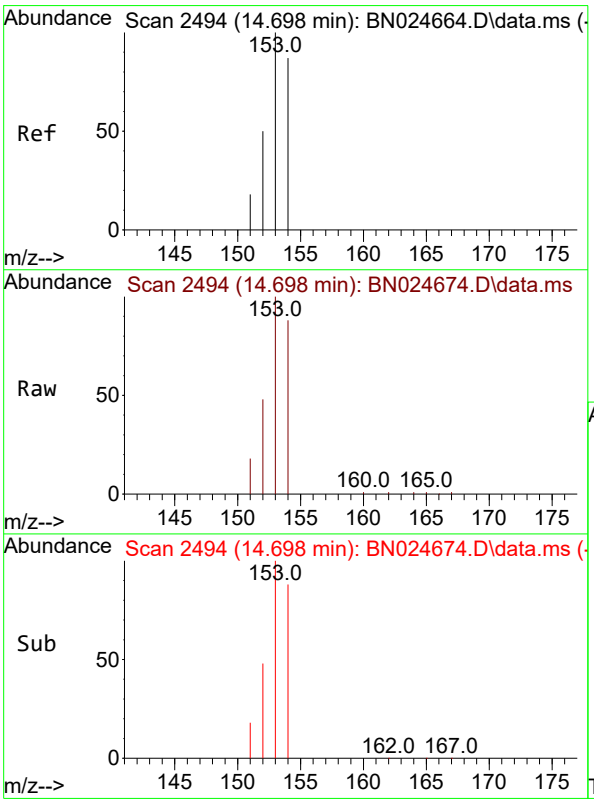
#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.360 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion:152 Resp: 3919

Ion	Ratio	Lower	Upper
152	100		
151	51.4	16.1	24.1#
153	69.7	10.6	16.0#

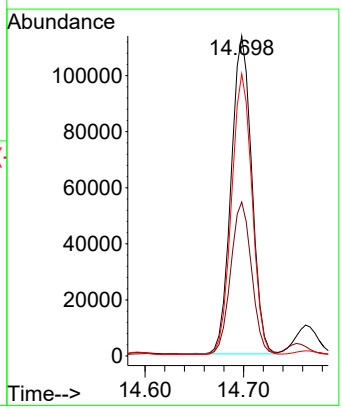


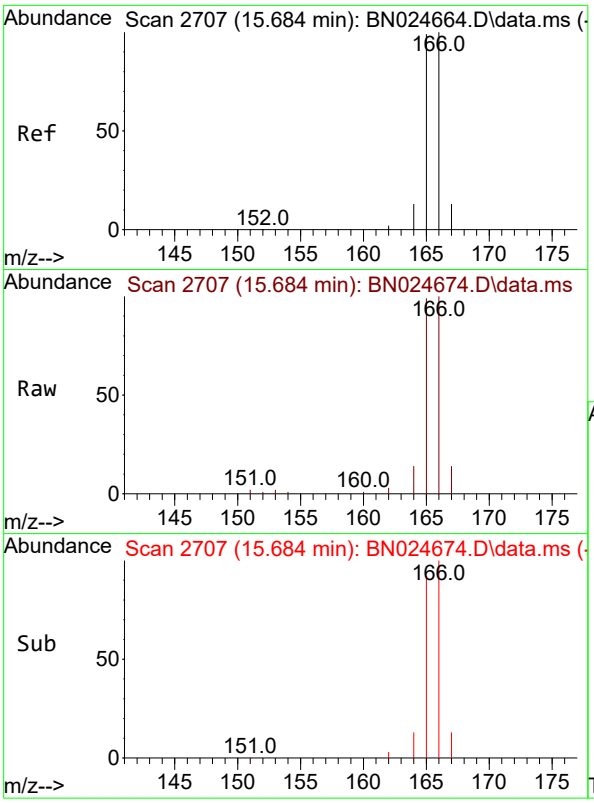


#11
Acenaphthene
Concen: 1.622 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Tgt Ion:153 Resp: 165640

Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.3	60.5
154	88.2	71.0	106.4



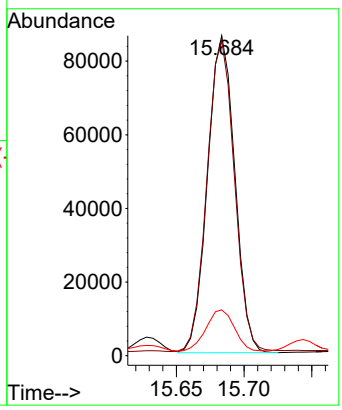


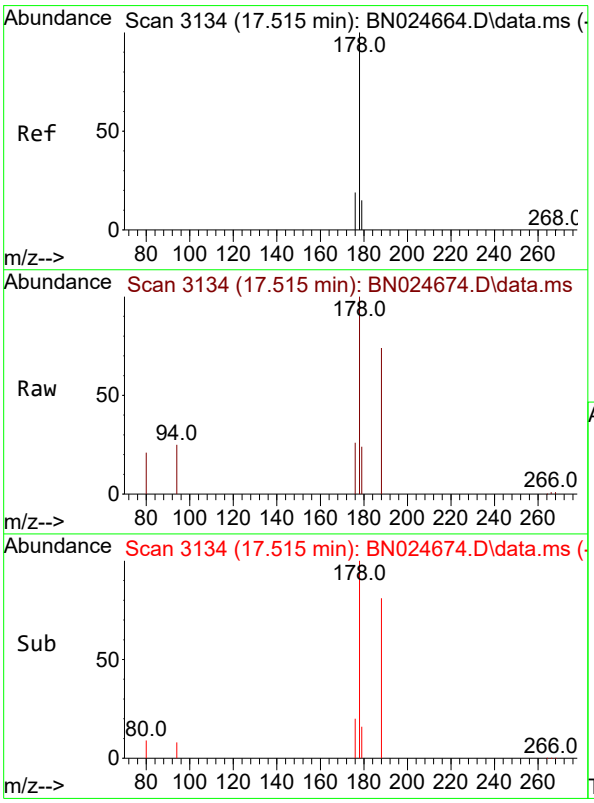
#12
Fluorene
Concen: 1.034 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion:166 Resp: 120631

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.0	120.0
167	14.3	10.8	16.2

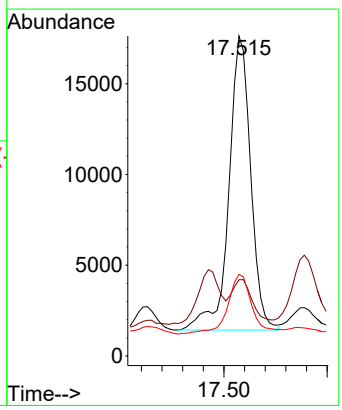


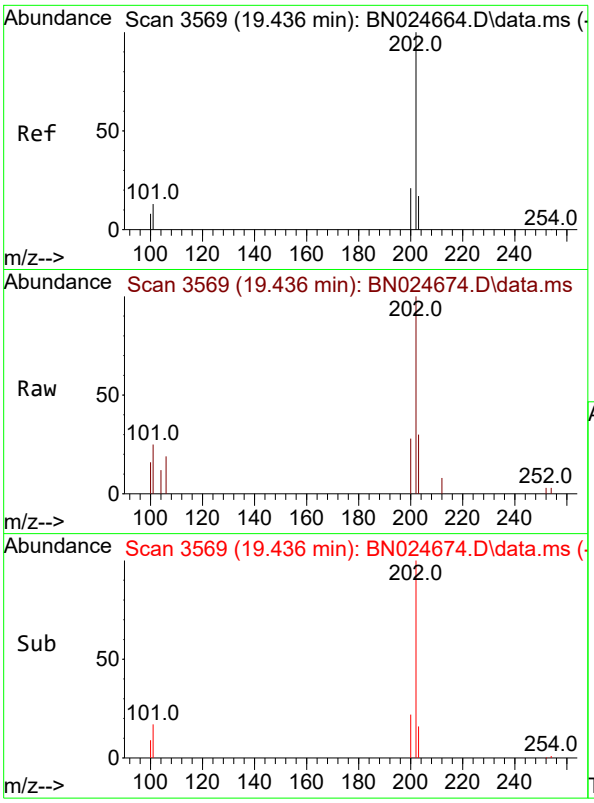


#16
Anthracene
Concen: 0.225 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Tgt Ion:178 Resp: 23828

Ion	Ratio	Lower	Upper
178	100		
179	23.8	12.7	19.1#
176	25.5	15.2	22.8#



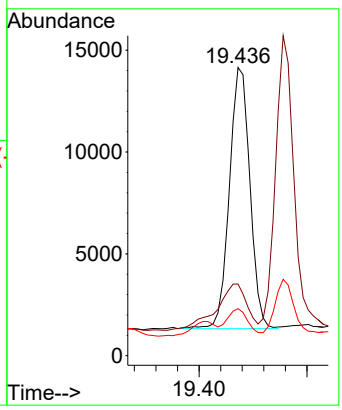


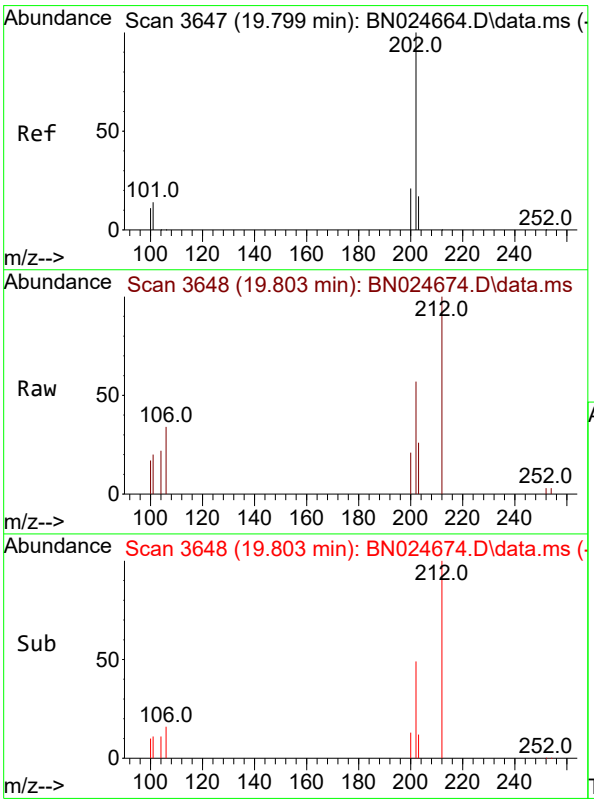
#19
Fluoranthene
Concen: 0.137 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion:202 Resp: 16994

Ion	Ratio	Lower	Upper
202	100		
101	24.9	9.6	14.4#
100	16.4	7.0	10.6#

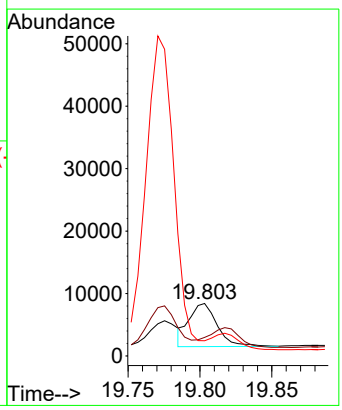


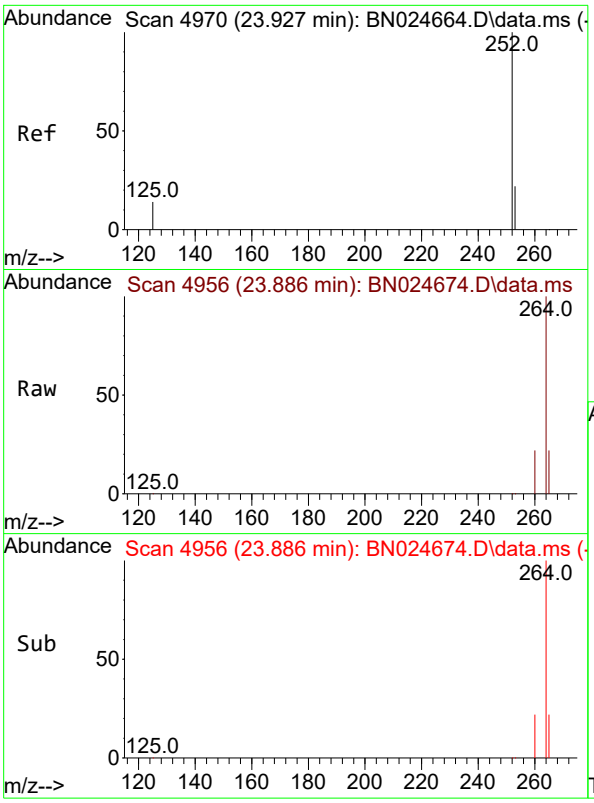


#20
Pyrene
Concen: 0.075 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Tgt Ion:202 Resp: 9419

Ion	Ratio	Lower	Upper
202	100		
101	35.3	10.9	16.3#
100	29.1	8.7	13.1#





#26
Benzo(a)pyrene
Concen: 0.100 ng/ul
RT: 23.886 min Scan# 4
Delta R.T. -0.041 min
Lab File: BN024674.D
Acq: 31 Mar 2023 12:02

Instrument :
BNA_N
ClientSampleId :
CB954

Tgt Ion:252 Resp: 11059

Ion	Ratio	Lower	Upper
252	100		
253	51.7	21.8	32.8#
125	48.3	15.4	23.0#