Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024675.D
Acq On : 31 Mar 2023 12:38
Operator : CG/JU
Sample : 02041-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB954DL

Quant Time: Apr 01 00:45:34 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	13492	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	41475	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	31188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	53286	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	40448	0.400	ng/ul	# 0.00
23) Perylene-d12	24.059	264	36728	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	38565	2.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	11823	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27211	0.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	18222	1.251	ng/ul	94
5) Naphthalene	10.861	128	7119	0.070	ng/ul#	67
8) 1-Methylnaphthalene	12.687	142	2379	0.036	ng/ul	82
10) Acenaphthylene	14.360	152	2539	0.023	ng/ul#	8
11) Acenaphthene	14.698	153	102201	1.068	ng/ul	98
12) Fluorene	15.684	166	74164	0.679	ng/ul	98
14) Pentachlorophenol	17.033	266	942	0.082	ng/ul	98
16) Anthracene	17.515	178	14880	0.122	ng/ul#	82
19) Fluoranthene	19.436	202	11066	0.078	ng/ul#	74
20) Pyrene	19.803	202	5853	0.040	ng/ul#	36
26) Benzo(a)pyrene	23.889	252	7726	0.064	ng/ul#	31

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

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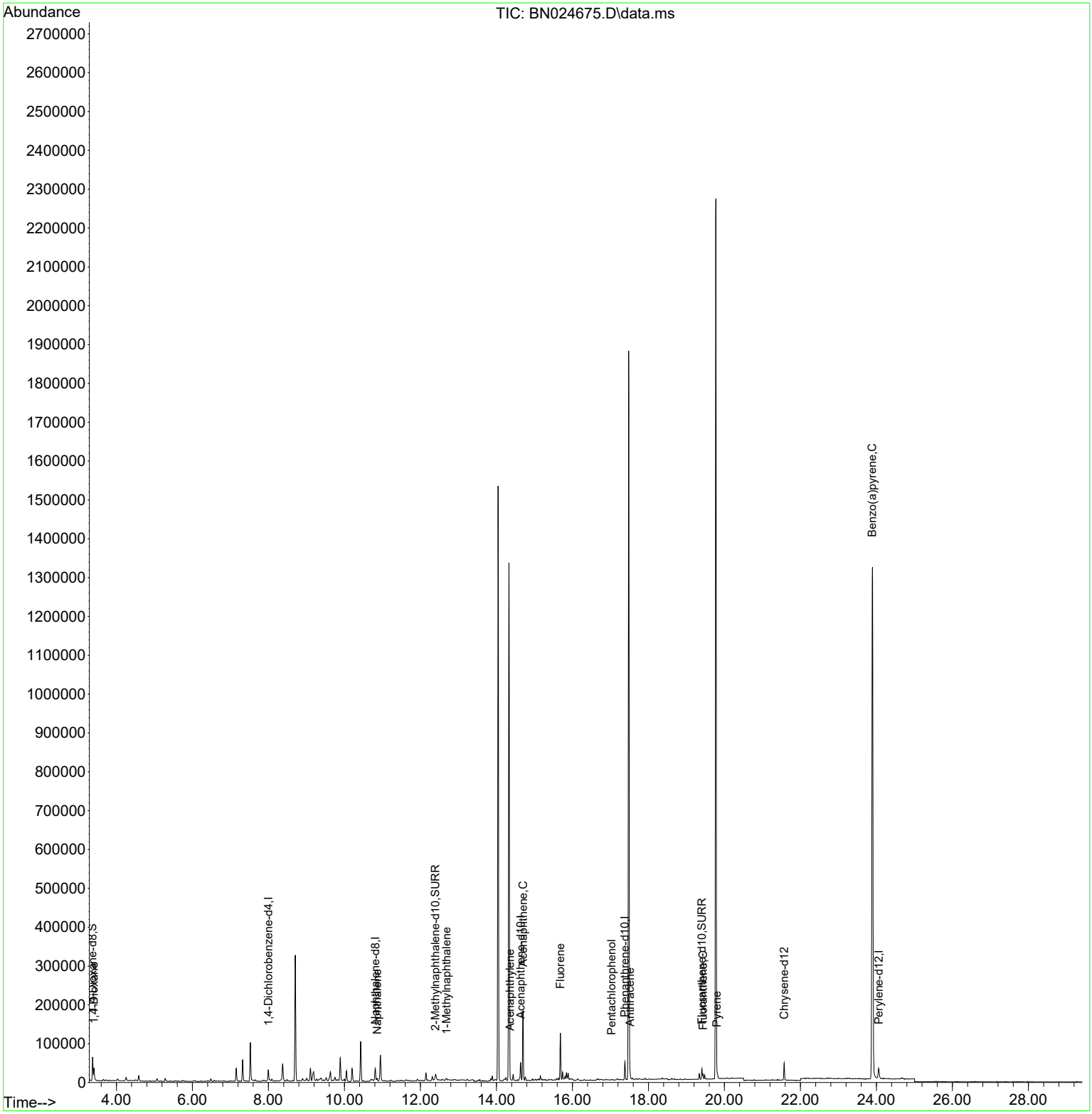
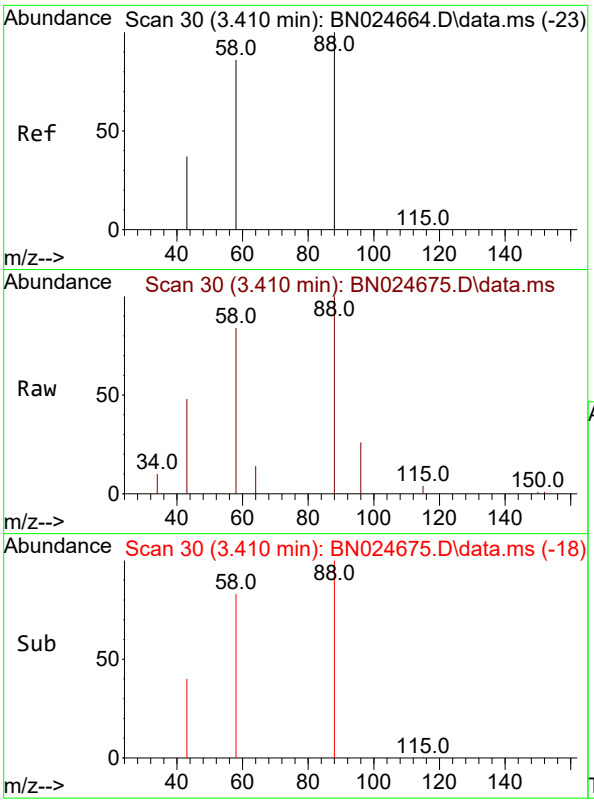


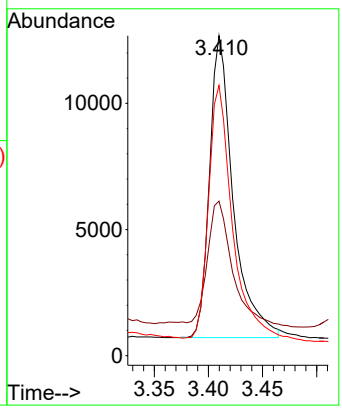


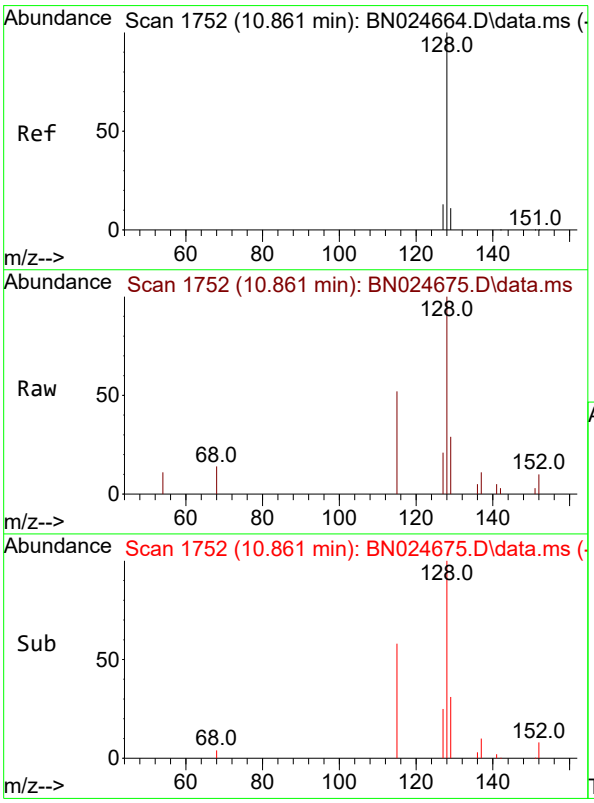
#2
1,4-Dioxane
Concen: 1.251 ng/ul
RT: 3.410 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion: 88 Resp: 18222

Ion	Ratio	Lower	Upper
88	100		
43	48.3	37.2	55.8
58	84.5	61.5	92.3

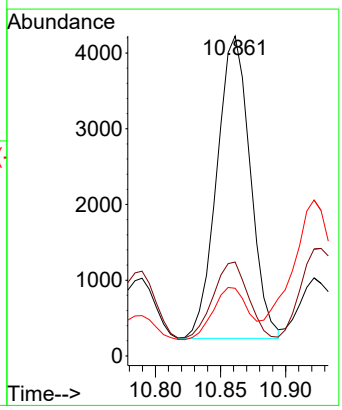


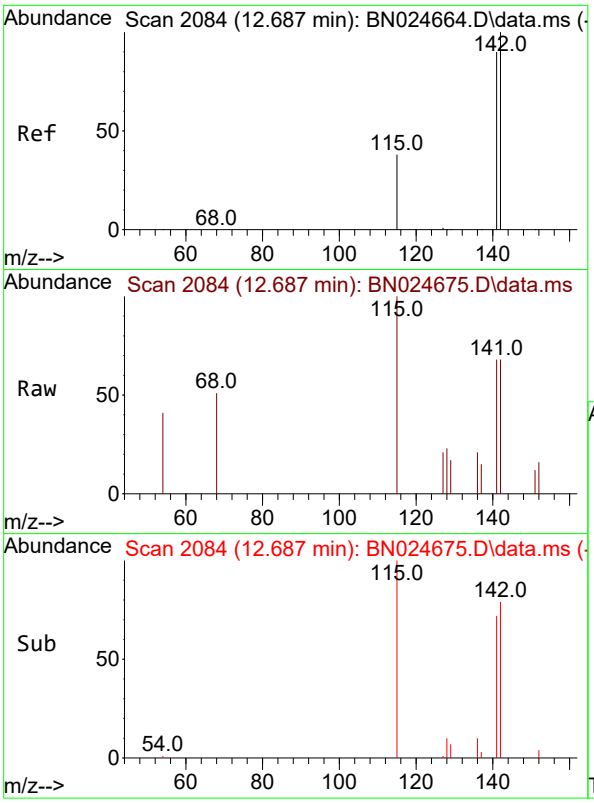


#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Tgt Ion:128 Resp: 7119

Ion	Ratio	Lower	Upper
128	100		
129	29.3	9.0	13.6#
127	21.2	10.5	15.7#



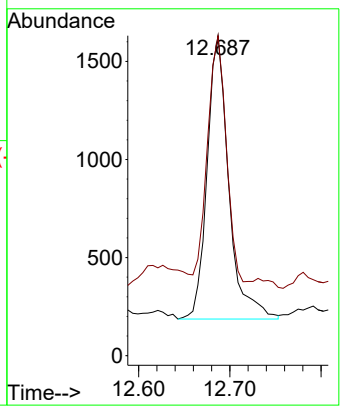


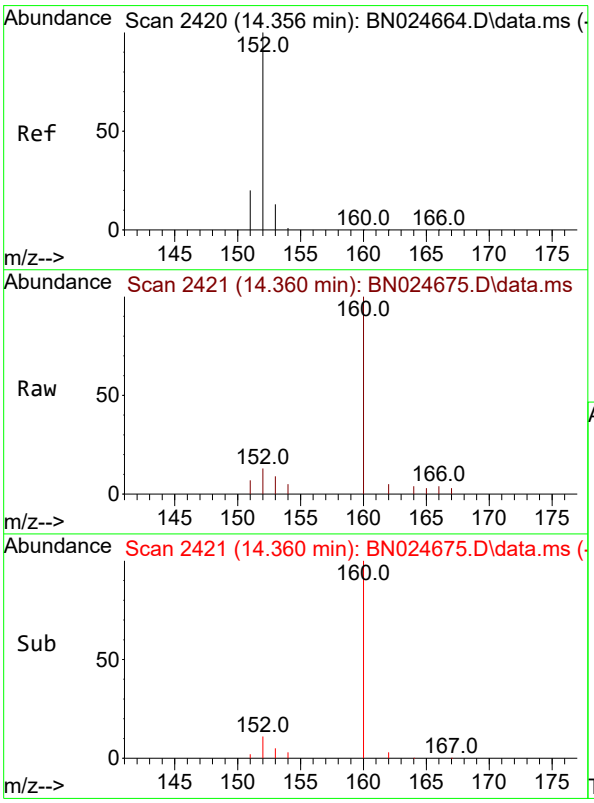
#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.687 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion:142 Resp: 2379

Ion	Ratio	Lower	Upper
142	100		
141	74.5	73.5	110.3

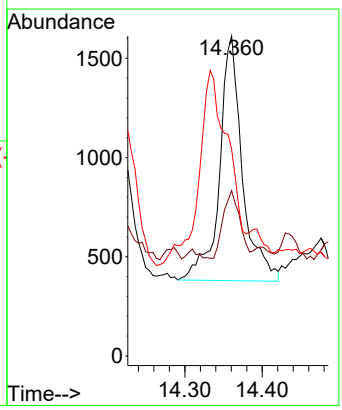


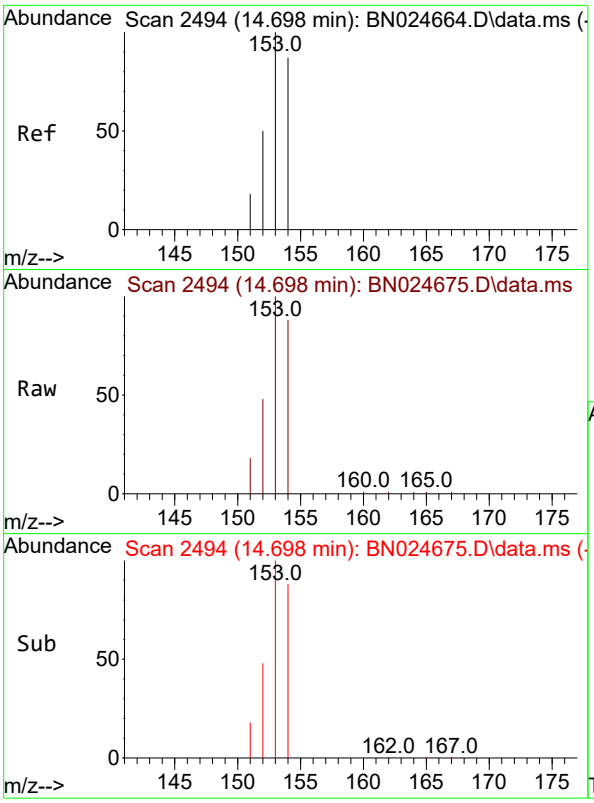


#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.360 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Tgt Ion:152 Resp: 2539

Ion	Ratio	Lower	Upper
152	100		
151	51.6	16.1	24.1#
153	64.5	10.6	16.0#



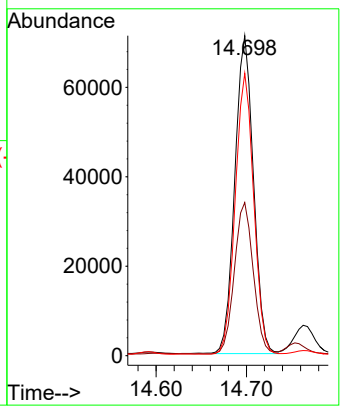


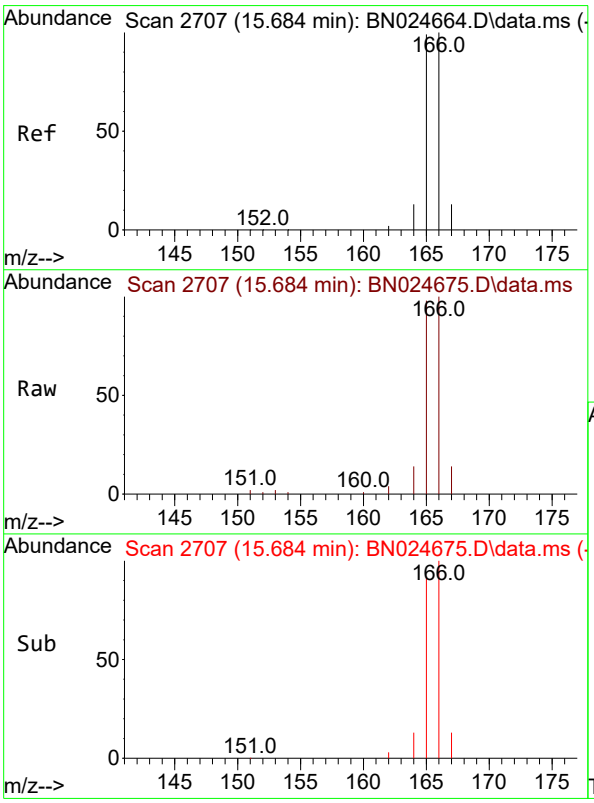
#11
Acenaphthene
Concen: 1.068 ng/ul
RT: 14.698 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion:153 Resp: 102201

Ion	Ratio	Lower	Upper
153	100		
152	47.8	40.3	60.5
154	88.3	71.0	106.4

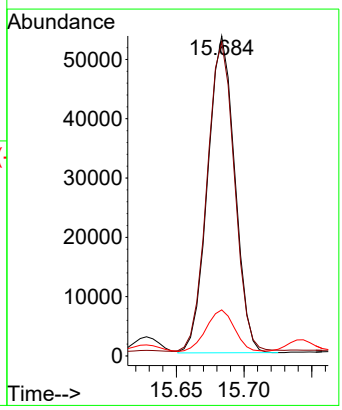


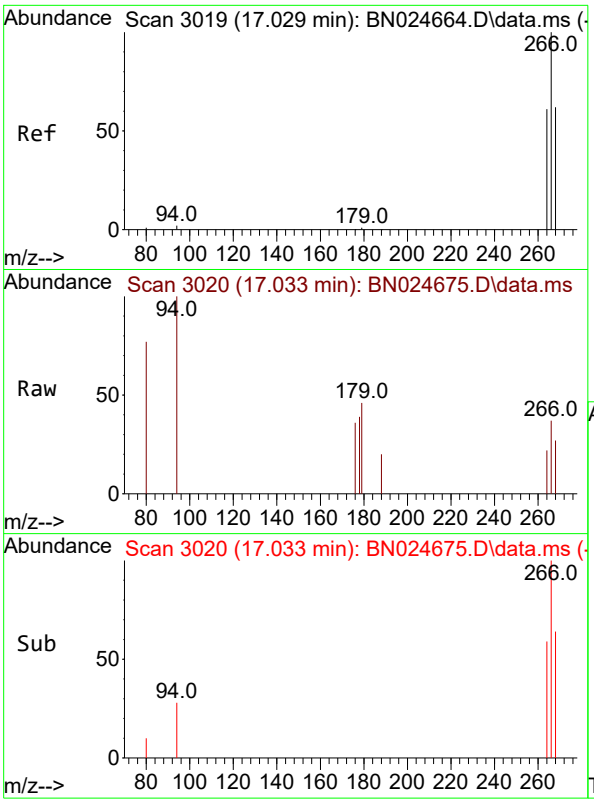


#12
Fluorene
Concen: 0.679 ng/ul
RT: 15.684 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Tgt Ion:166 Resp: 74164

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	14.4	10.8	16.2



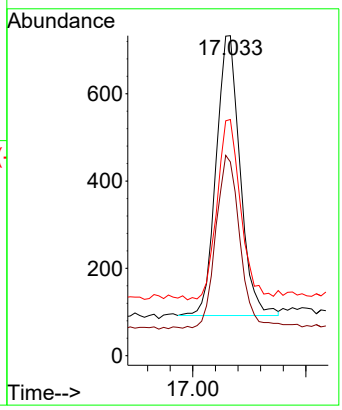


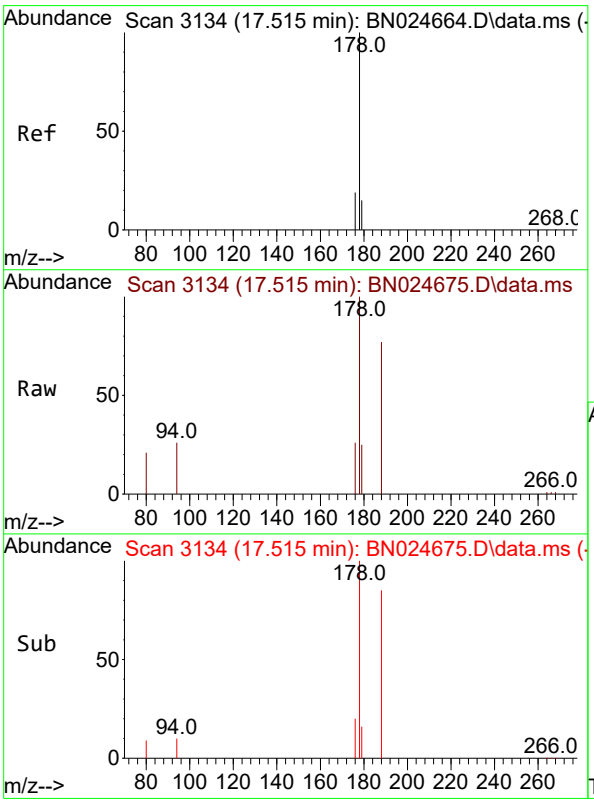
#14
Pentachlorophenol
Concen: 0.082 ng/ul
RT: 17.033 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion:266 Resp: 942

Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.6	74.4
268	63.8	52.6	78.8

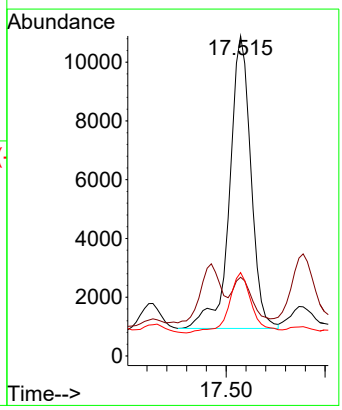


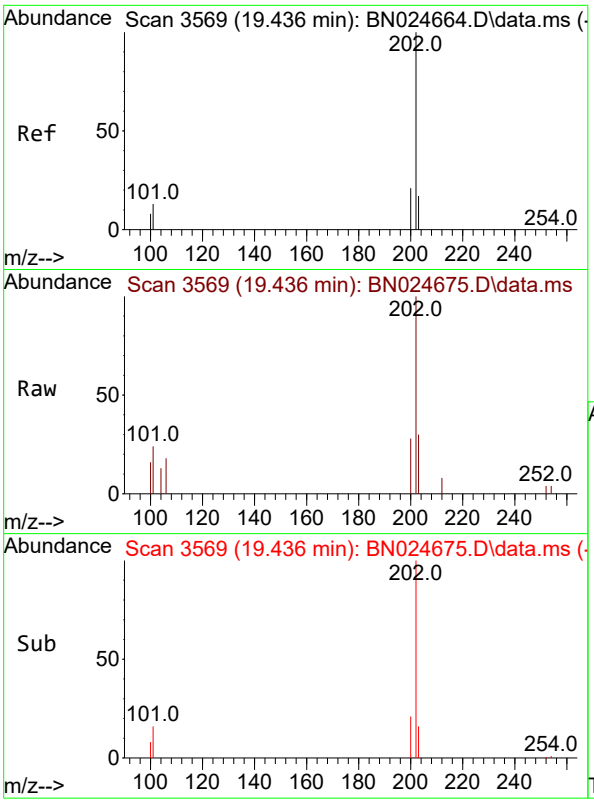


#16
Anthracene
Concen: 0.122 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Tgt Ion:178 Resp: 14880

Ion	Ratio	Lower	Upper
178	100		
179	24.6	12.7	19.1#
176	26.0	15.2	22.8#



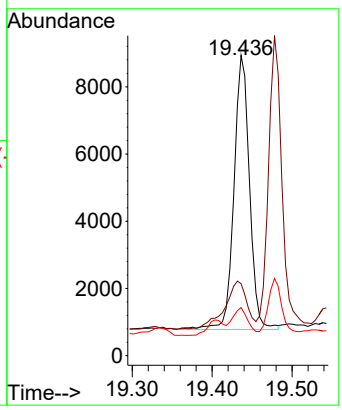


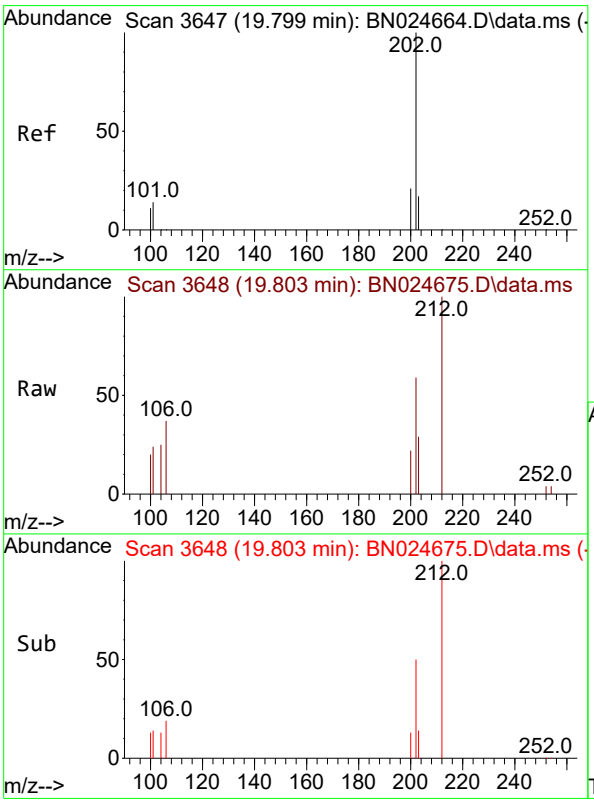
#19
Fluoranthene
Concen: 0.078 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion:202 Resp: 11066

Ion	Ratio	Lower	Upper
202	100		
101	24.0	9.6	14.4#
100	16.1	7.0	10.6#

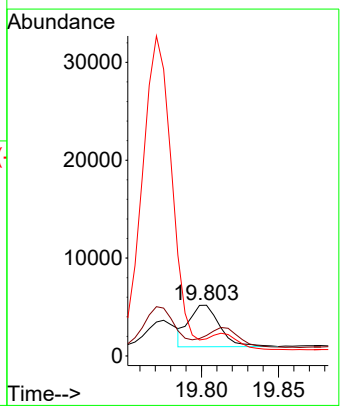


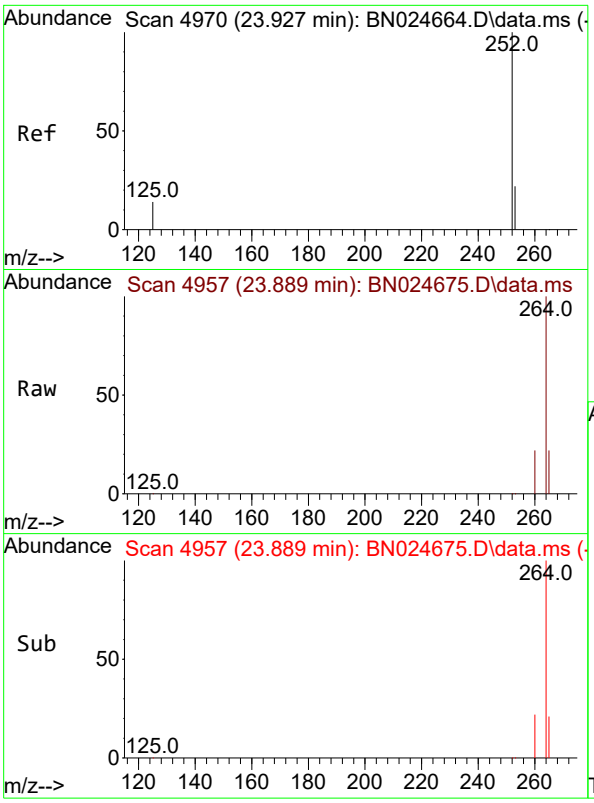


#20
Pyrene
Concen: 0.040 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Tgt Ion:202 Resp: 5853

Ion	Ratio	Lower	Upper
202	100		
101	40.3	10.9	16.3#
100	33.7	8.7	13.1#





#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.889 min Scan# 4
Delta R.T. -0.038 min
Lab File: BN024675.D
Acq: 31 Mar 2023 12:38

Instrument :
BNA_N
ClientSampleId :
CB954DL

Tgt Ion:252 Resp: 7726

Ion	Ratio	Lower	Upper
252	100		
253	59.7	21.8	32.8#
125	54.5	15.4	23.0#