Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021800.D
Acq On : 19 Sep 2022 12:26
Operator : CG/JU
Sample : N4595-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:23:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	16694	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	19401	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.647	240	12503	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	9740	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	25398	4.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	6030	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	13534	0.291	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	107842	17.335	ng/ul#	85
5) Naphthalene	10.933	128	1162	0.025	ng/ul#	60
7) 2-Methylnaphthalene	12.544	142	637	0.021	ng/ul	92
8) 1-Methylnaphthalene	12.759	142	1110	0.035	ng/ul	91
10) Acenaphthylene	14.439	152	1161	0.028	ng/ul#	29
11) Acenaphthene	14.772	153	6419	0.183	ng/ul	99
16) Anthracene	17.591	178	2519	0.050	ng/ul#	63
19) Fluoranthene	19.515	202	1448	0.025	ng/ul#	17
20) Pyrene	19.878	202	2629	0.046	ng/ul#	43
26) Benzo(a)pyrene	23.989	252	2409	0.067	ng/ul#	25

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

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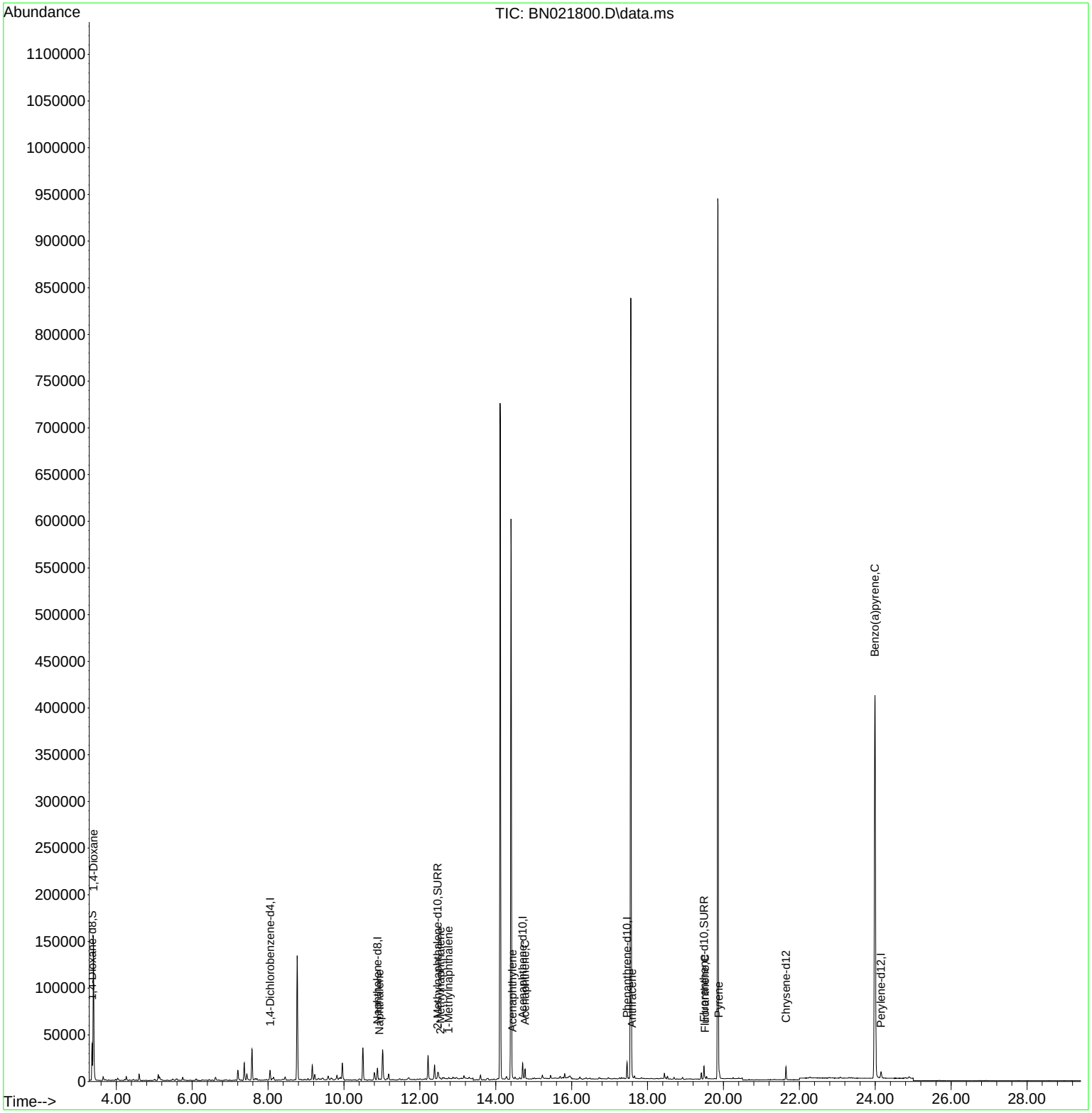
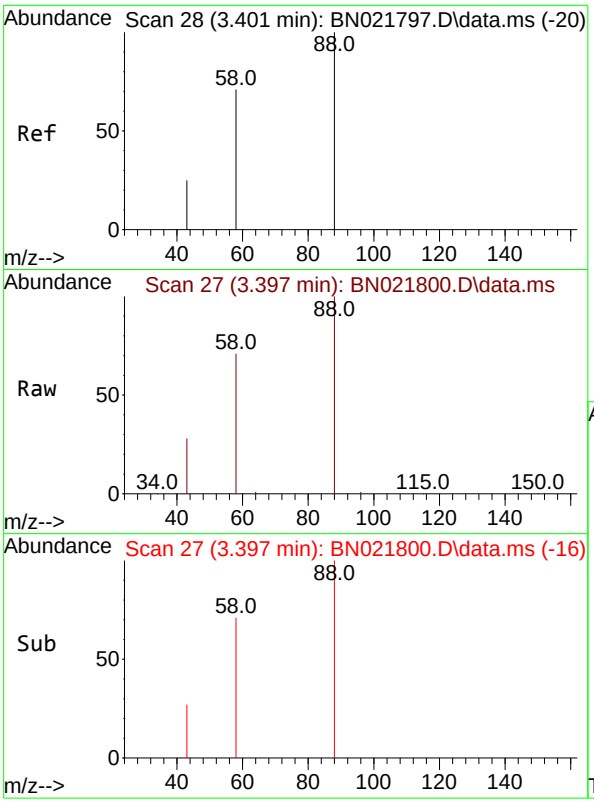


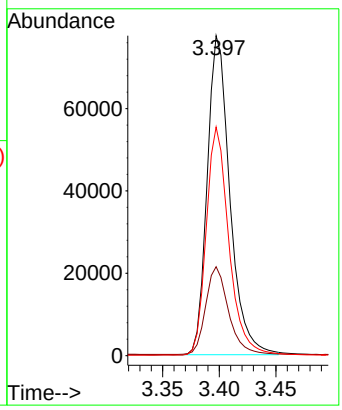


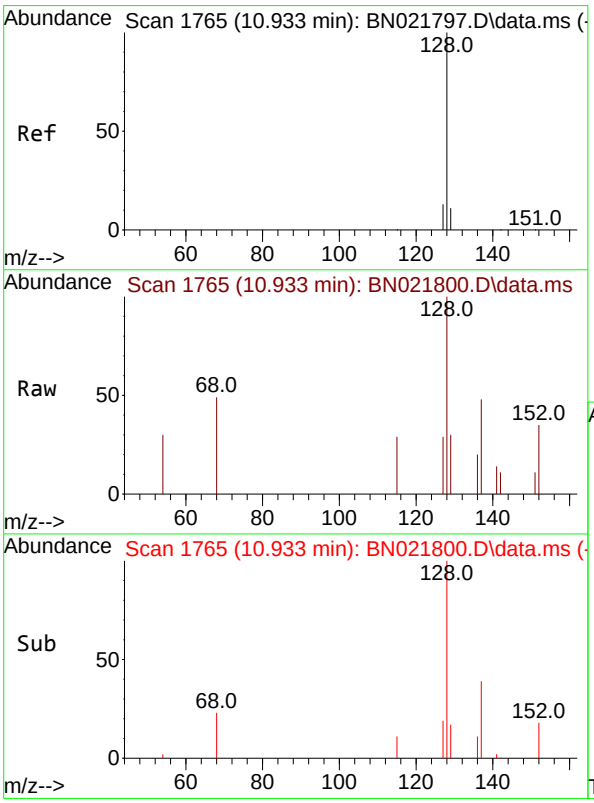
#2
1,4-Dioxane
Concen: 17.335 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 107842

Ion	Ratio	Lower	Upper
88	100		
43	27.8	31.4	47.0#
58	71.5	49.0	73.6

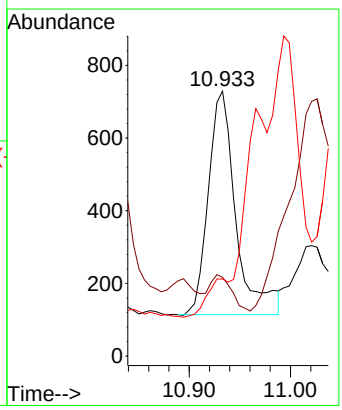


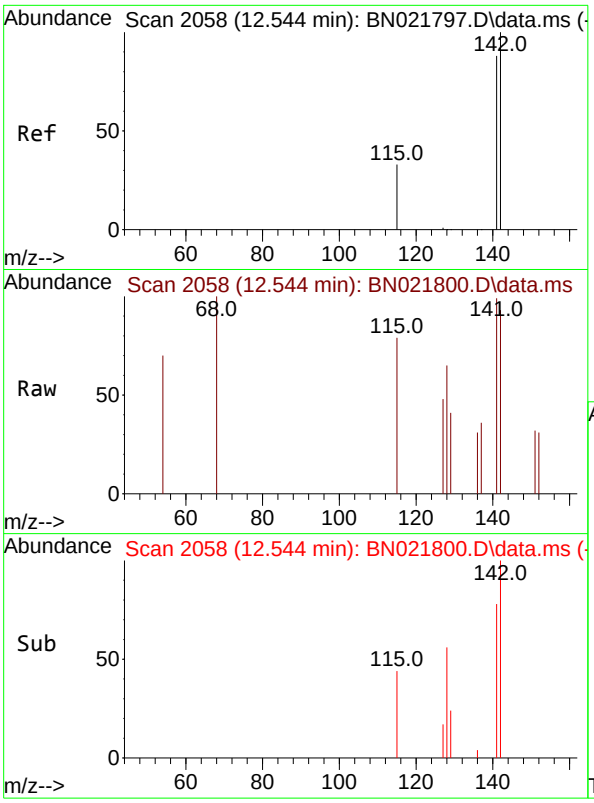


#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Tgt Ion:128 Resp: 1162

Ion	Ratio	Lower	Upper
128	100		
129	29.8	9.8	14.6#
127	29.1	11.6	17.4#



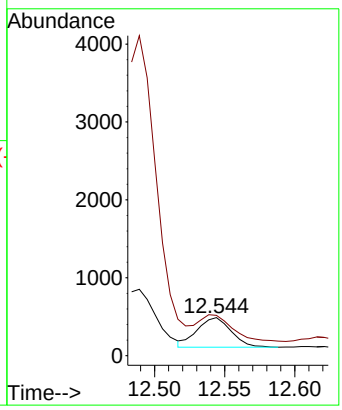


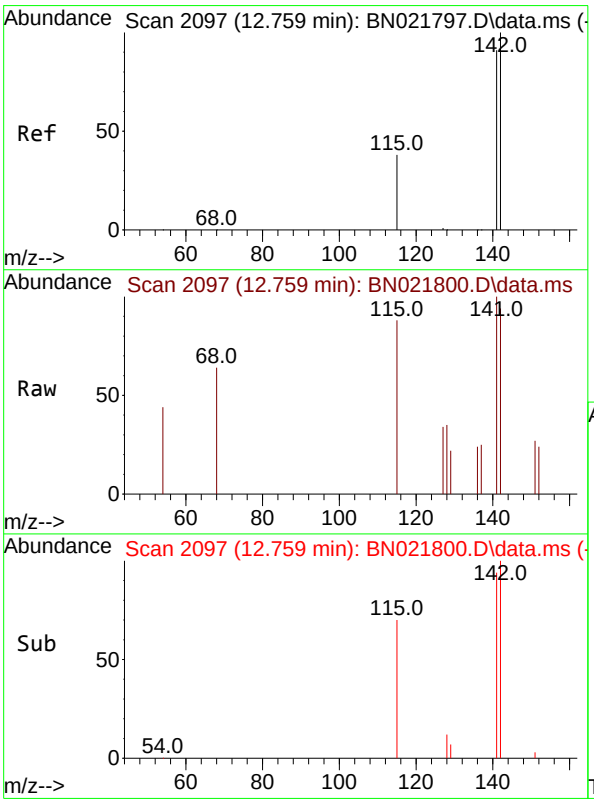
#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 637

Ion	Ratio	Lower	Upper
142	100		
141	82.7	72.2	108.2

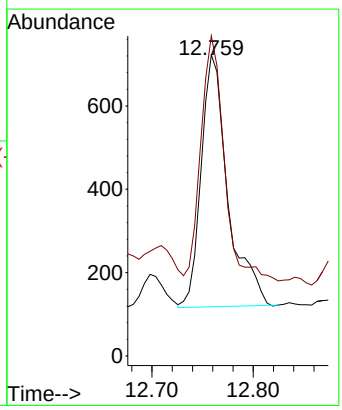


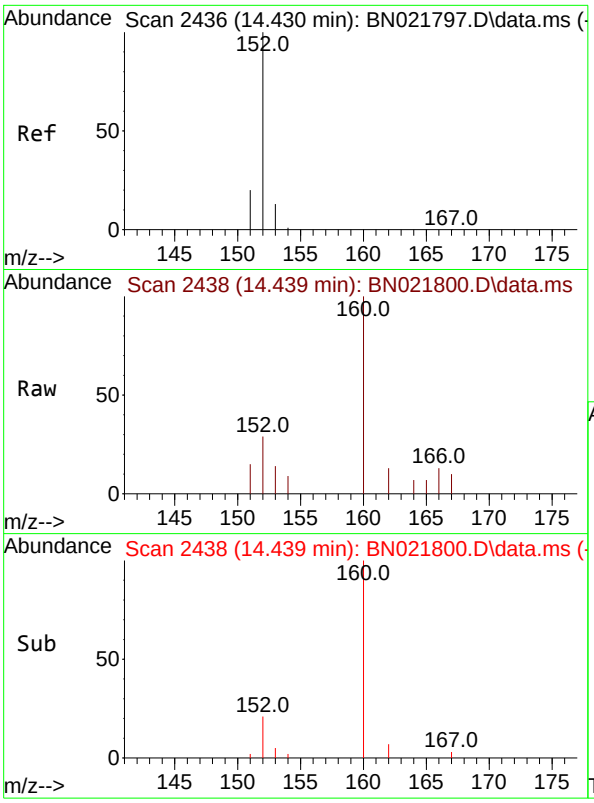


#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Tgt Ion:142 Resp: 1110

Ion	Ratio	Lower	Upper
142	100		
141	83.6	73.9	110.9



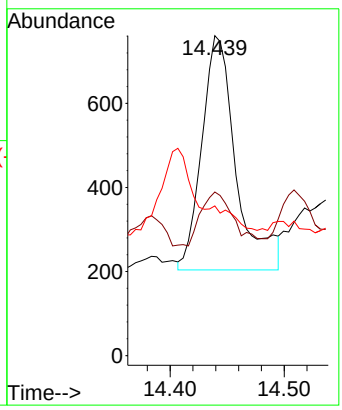


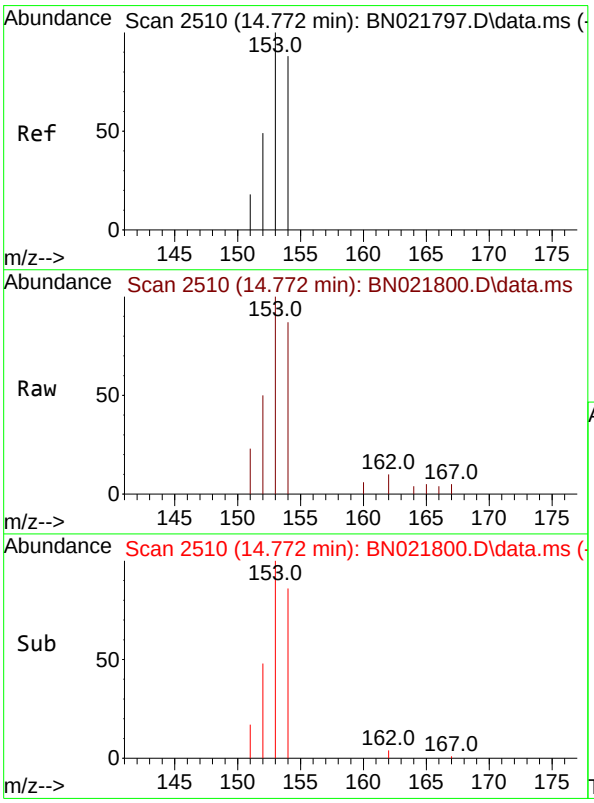
#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.439 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1161

Ion	Ratio	Lower	Upper
152	100		
151	51.1	16.9	25.3#
153	46.8	11.2	16.8#

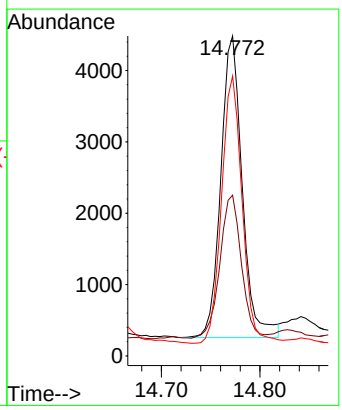


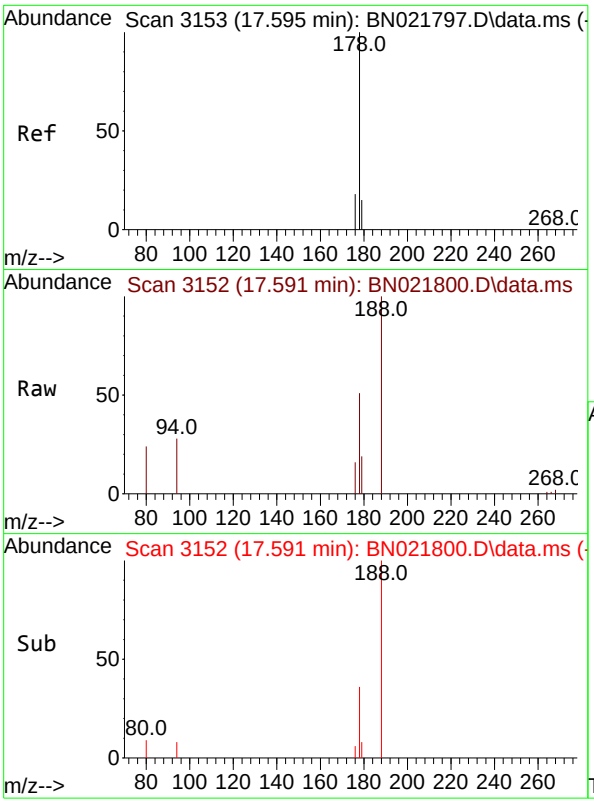


#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Tgt Ion:153 Resp: 6419

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.2	60.4
154	87.5	70.7	106.1



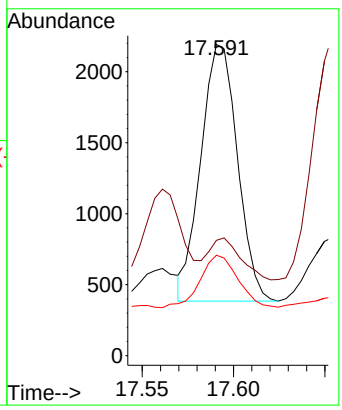


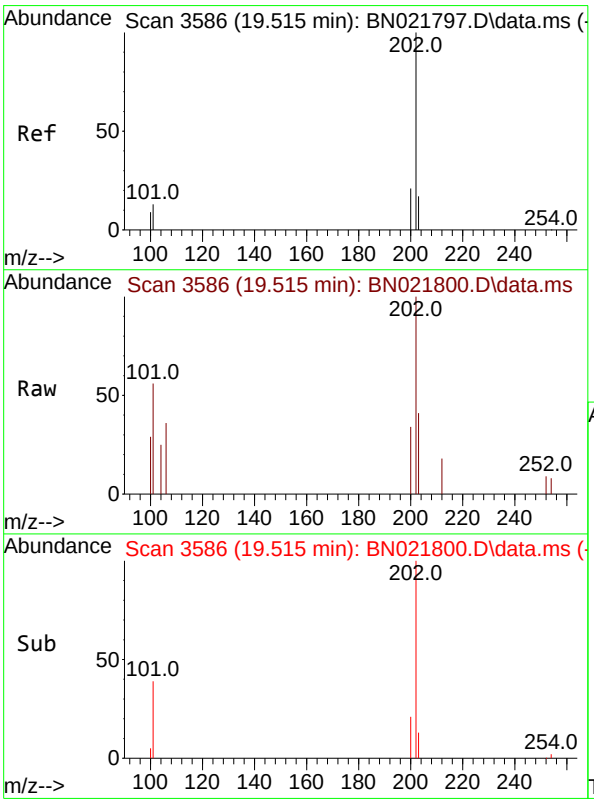
#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.591 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2519

Ion	Ratio	Lower	Upper
178	100		
179	37.0	12.9	19.3#
176	32.3	15.9	23.9#

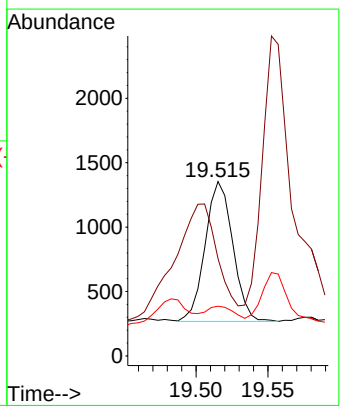


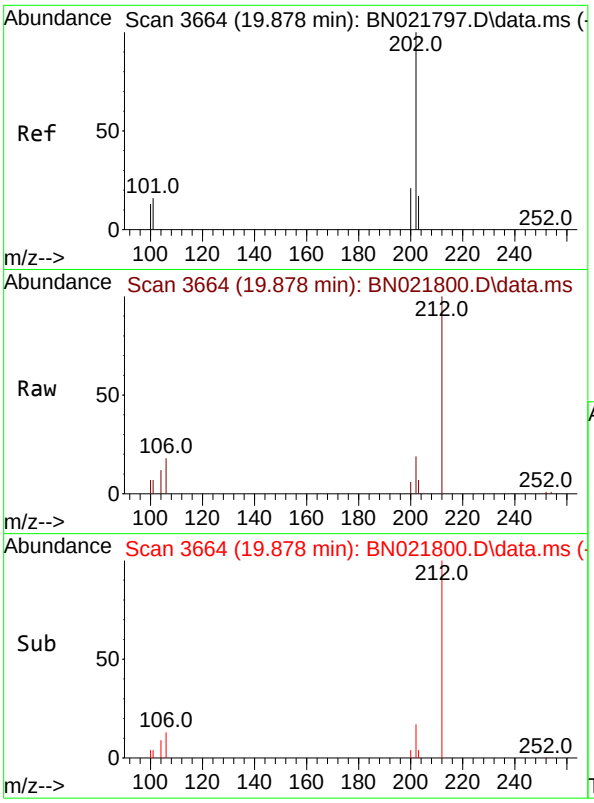


#19
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Tgt Ion:202 Resp: 1448

Ion	Ratio	Lower	Upper
202	100		
101	55.8	10.0	15.0#
100	28.5	8.0	12.0#



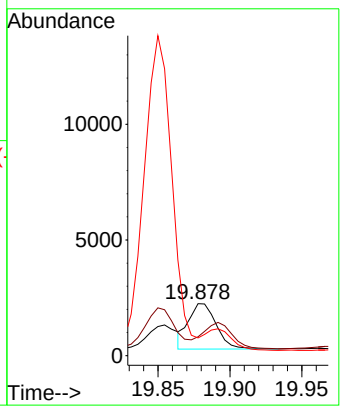


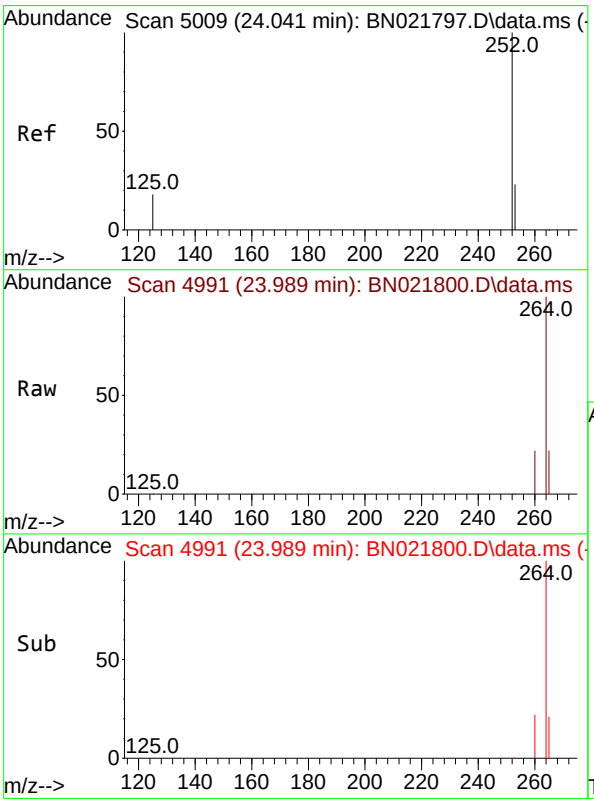
#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.878 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2629

Ion	Ratio	Lower	Upper
202	100		
101	36.4	11.3	16.9#
100	34.3	9.0	13.4#





#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.989 min Scan# 4991
Delta R.T. -0.053 min
Lab File: BN021800.D
Acq: 19 Sep 2022 12:26

Tgt Ion:252 Resp: 2409

Ion	Ratio	Lower	Upper
252	100		
253	58.6	22.1	33.1#
125	62.6	14.7	22.1#