Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090823\
Data File : BN027486.D
Acq On : 08 Sep 2023 21:22
Operator : MA/JU
Sample : 04427-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 09 00:28:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	8719	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.872	136	30531	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	22824	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.426	188	43934	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.595	240	31248	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	27692	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	26540	2.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	18666	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.446	212	49745	0.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	114451	9.752	ng/ul#	84
5) Naphthalene	10.927	128	9266461	104.631	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	845855	15.268	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	3707014	62.794	ng/ul	99
10) Acenaphthylene	14.398	152	29954	0.287	ng/ul#	1
11) Acenaphthene	14.740	153	33734	0.375	ng/ul	98
12) Fluorene	15.725	166	8950	0.089	ng/ul#	94
15) Phenanthrene	17.468	178	4248	0.030	ng/ul#	32
20) Pyrene	19.817	202	7905	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.942	252	10431	0.102	ng/ul#	60

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

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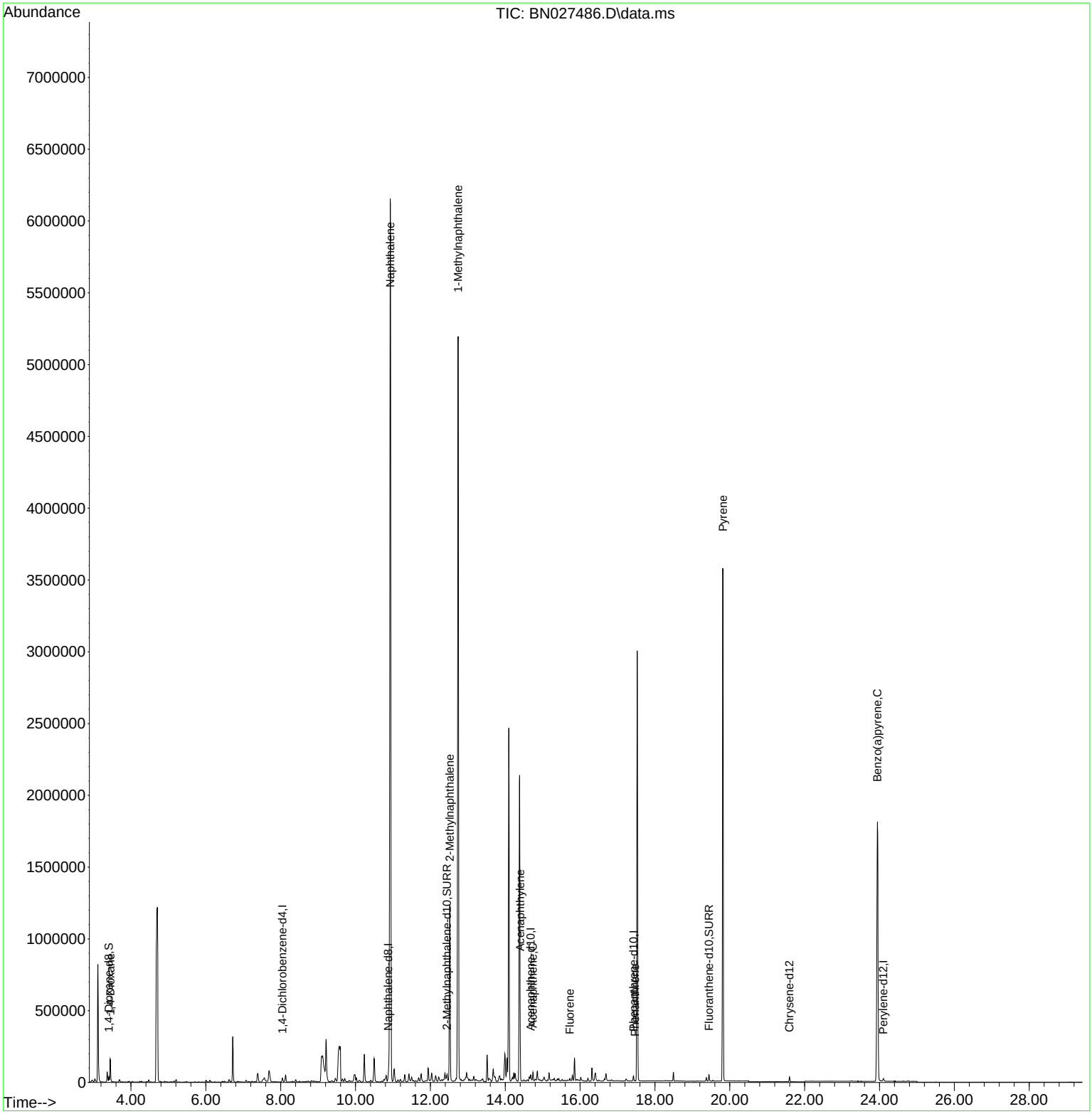
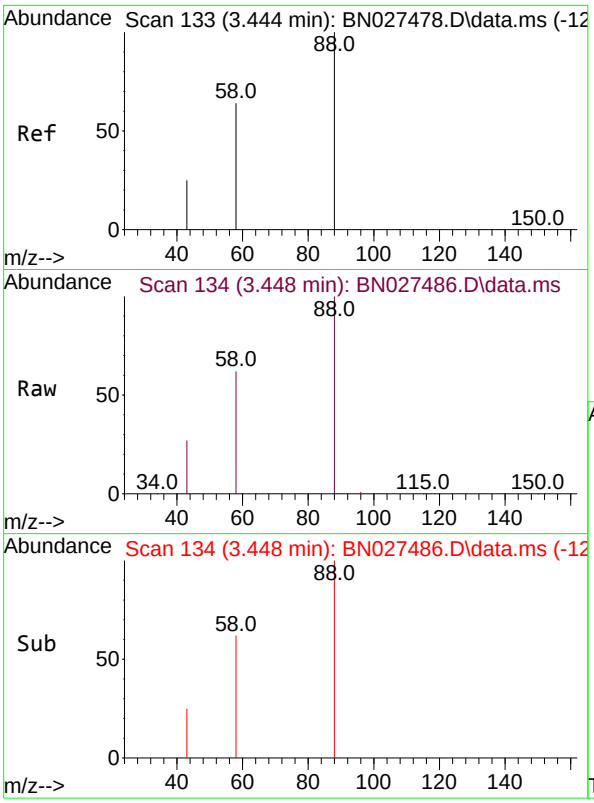


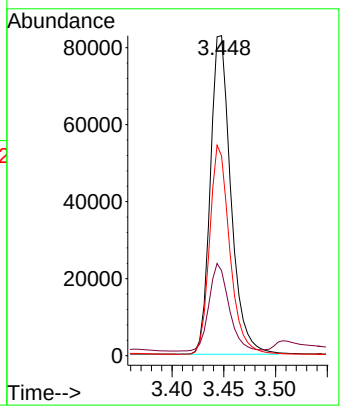


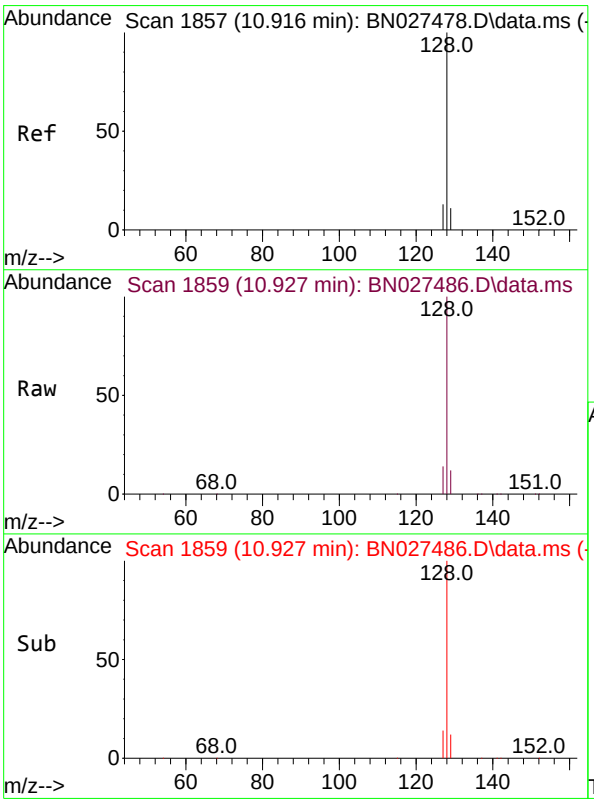
#2
1,4-Dioxane
Concen: 9.752 ng/ul
RT: 3.448 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 114451

Ion	Ratio	Lower	Upper
88	100		
43	26.6	26.8	40.2#
58	62.5	39.9	59.9#

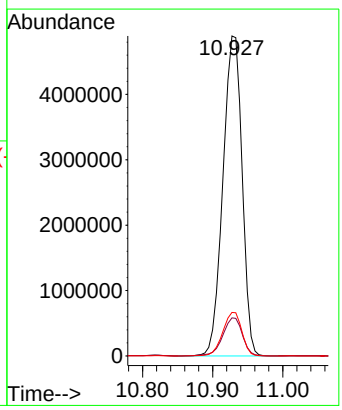


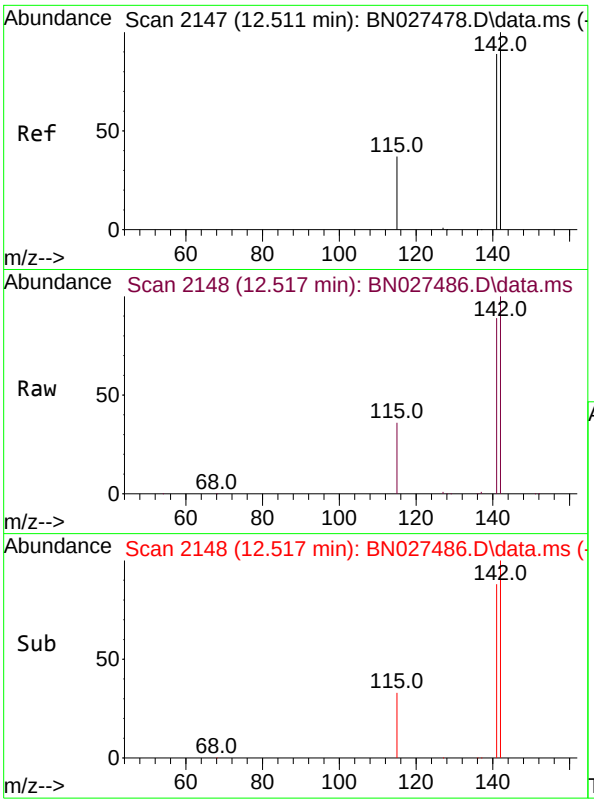


#5
Naphthalene
Concen: 104.631 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Tgt Ion:128 Resp: 9266461

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.6	10.6	16.0



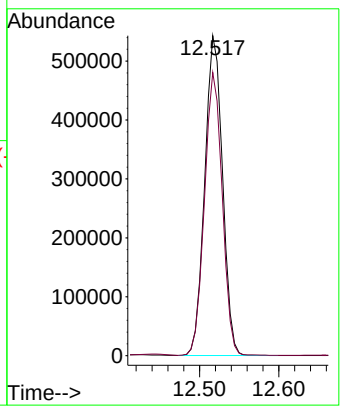


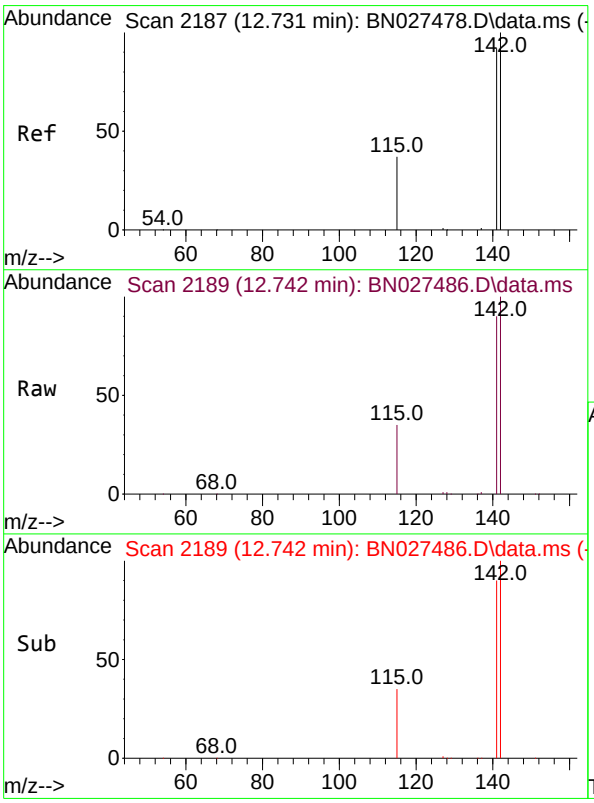
#7
2-Methylnaphthalene
Concen: 15.268 ng/ul
RT: 12.517 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 845855

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4

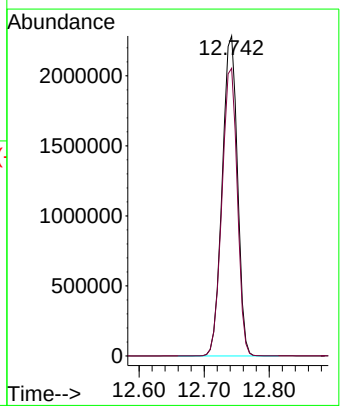


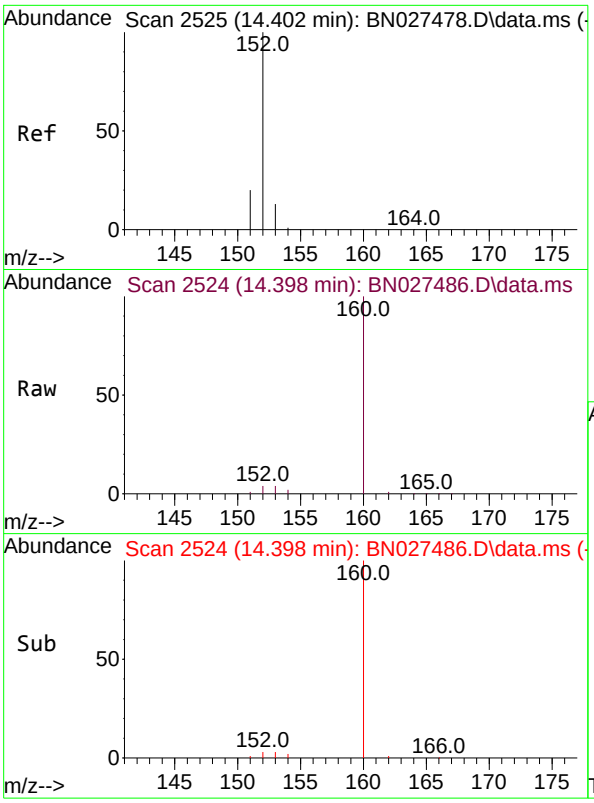


#8
1-Methylnaphthalene
Concen: 62.794 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. 0.005 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Tgt Ion:142 Resp: 3707014

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.4



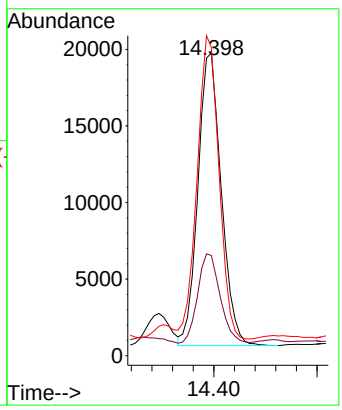


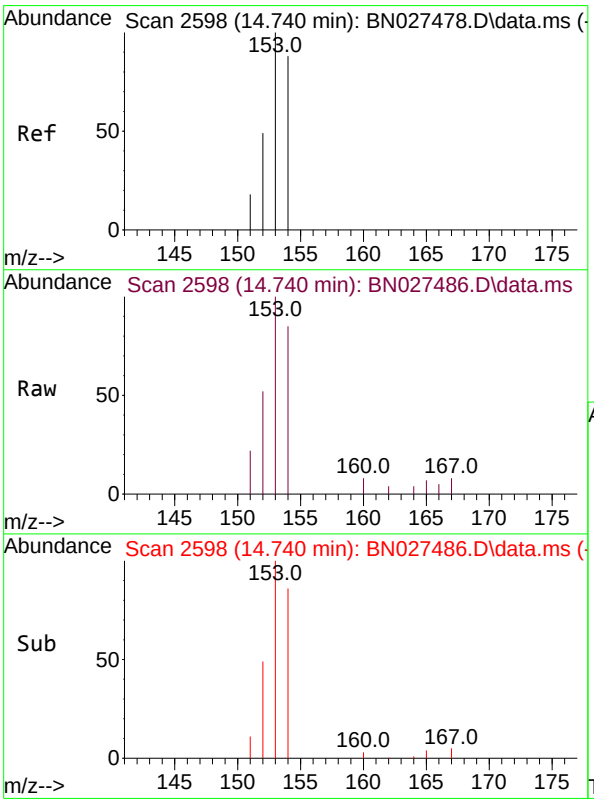
#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.398 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29954

Ion	Ratio	Lower	Upper
152	100		
151	33.1	16.3	24.5#
153	101.9	11.1	16.7#

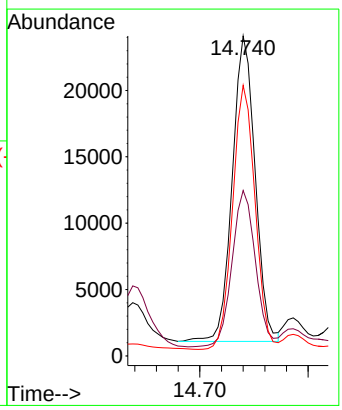


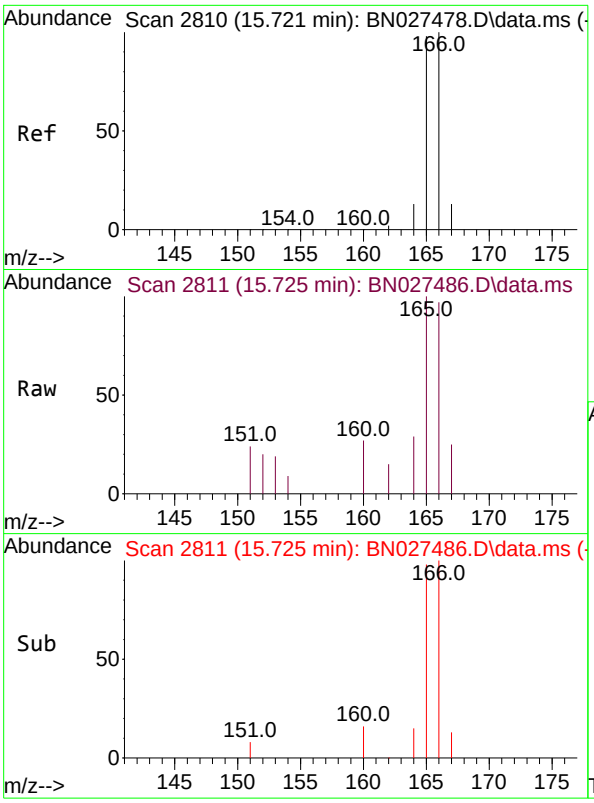


#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Tgt Ion:153 Resp: 33734

Ion	Ratio	Lower	Upper
153	100		
152	51.7	42.9	64.3
154	84.5	69.4	104.0



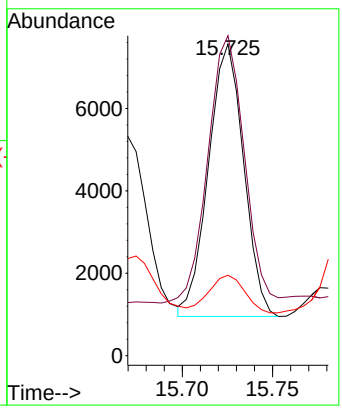


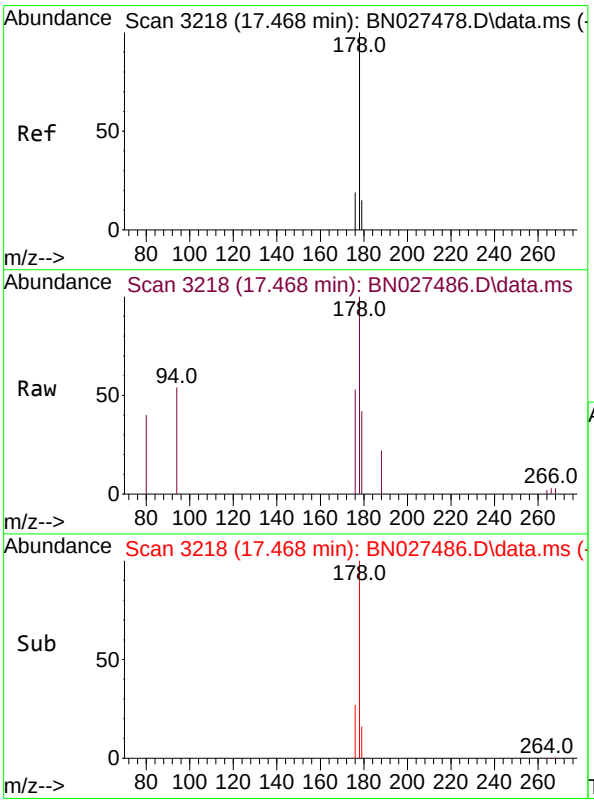
#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 8950

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.6	119.4
167	25.8	11.4	17.0#

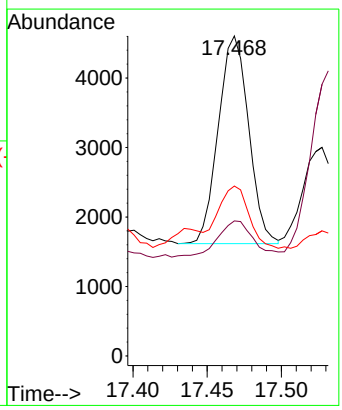


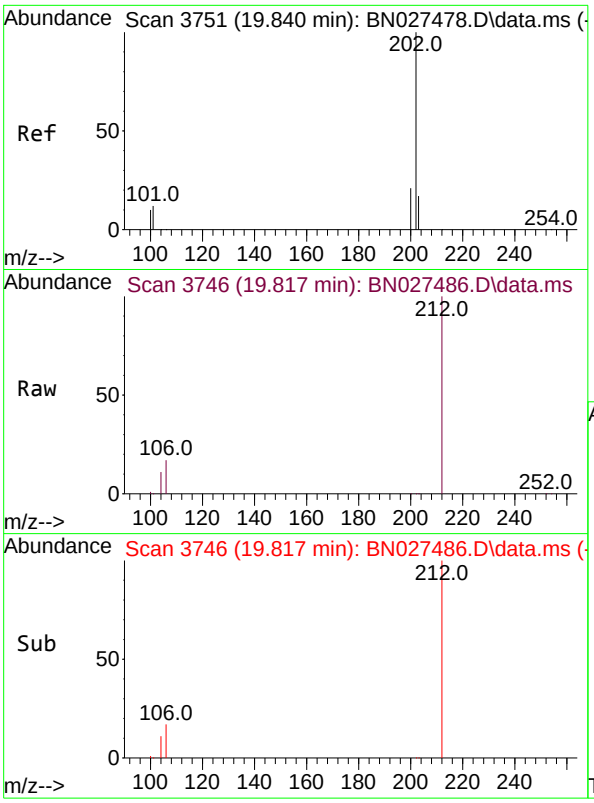


#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Tgt Ion:178 Resp: 4248

Ion	Ratio	Lower	Upper
178	100		
179	42.2	12.6	19.0#
176	53.1	15.8	23.8#



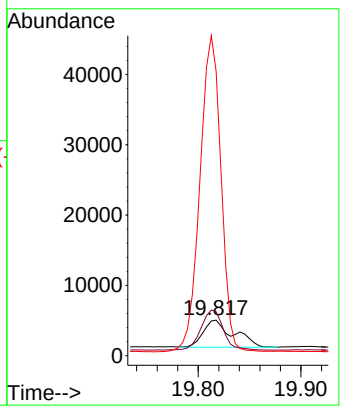


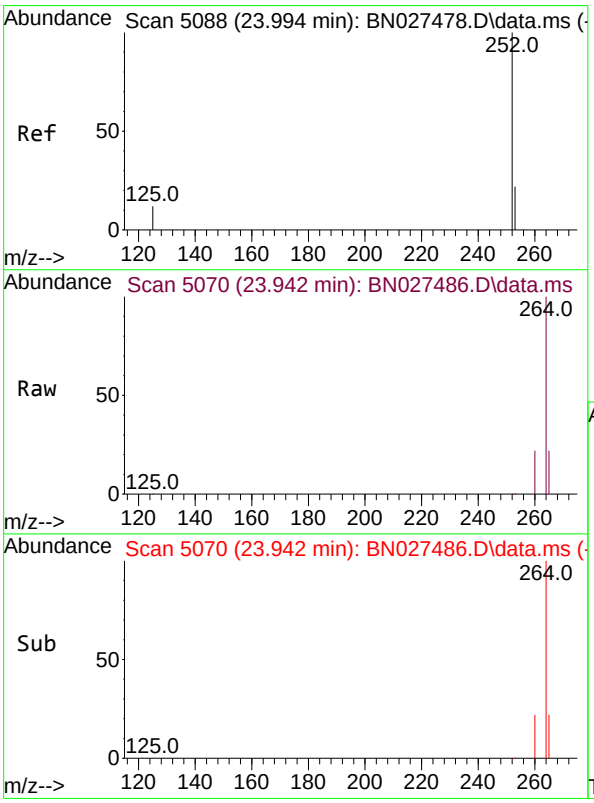
#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.817 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 7905

Ion	Ratio	Lower	Upper
202	100		
101	124.1	11.4	17.2#
100	801.9	9.4	14.2#





#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.942 min Scan# 5070
Delta R.T. -0.053 min
Lab File: BN027486.D
Acq: 08 Sep 2023 21:22

Tgt Ion:252 Resp: 10431

Ion	Ratio	Lower	Upper
252	100		
253	48.7	22.4	33.6#
125	40.9	17.4	26.2#